

IBM Maintenance Library

4331

Processor Parts Catalog

S135-1004-2

Preface

This Parts Catalog (PC) contains listings and illustrations of all replaceable assemblies, subassemblies and detail parts released to Product Control on or before April 30, 1980 for the 4331 Processor, Model Groups 1 and 2 (referred to in this catalog as MOD 1 or MOD 2 if required).

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Third Edition (May, 1980)

This is a major revision of, and obsoletes, S135-1004-1.

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HOW TO FIND PART INFORMATION:

WHEN ASSEMBLY
LOCATION IS KNOWN,

PERFORM STEPS

①, ③ AND ④

WHEN ASSEMBLY
NAME IS KNOWN

PERFORM STEPS

②, ③ AND ④

WHEN PART NUMBER
IS KNOWN

PERFORM STEPS

⑤, ⑥ AND ⑦

①
TURN TO THE VISUAL
INDEX - THEN LOCATE, BY
ILLUSTRATION, THE ASSEMBLY
CONTAINING THE PART.

②
TURN TO THE CONTENTS
PAGE - THEN LOCATE,
BY NAME, THE ASSEMBLY
CONTAINING THE PART.

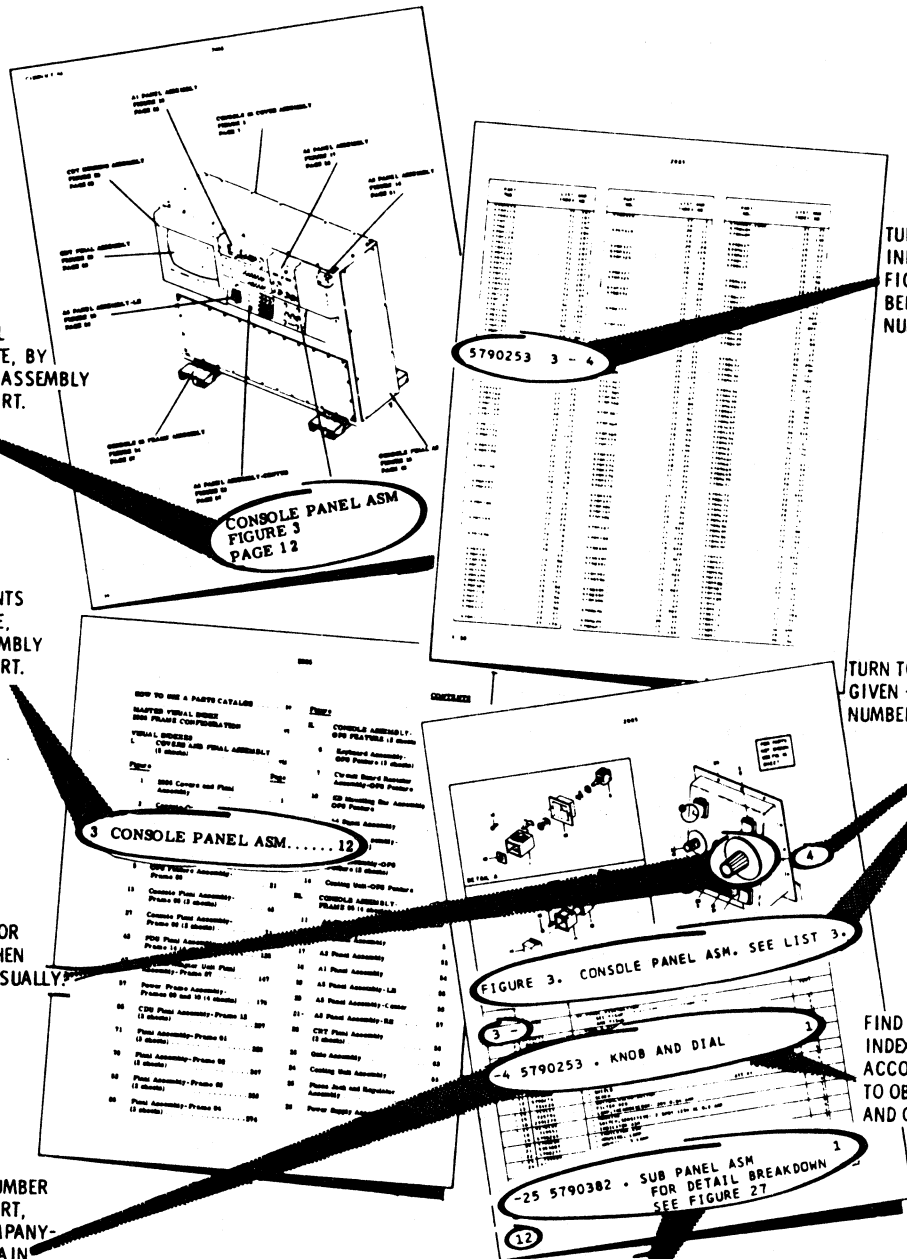
③
TURN TO THE PAGE FOR
THAT ASSEMBLY - THEN
LOCATE THE PART VISUALLY.

④
USING THE INDEX NUMBER
SHOWN WITH THE PART,
REFER TO THE ACCOMPANY-
ING LISTING TO OBTAIN
THE PART NUMBER, DESCRIP-
TION AND QUANTITY.

⑤
TURN TO THE NUMERICAL
INDEX - THEN NOTE THE
FIGURE AND INDEX NUM-
BER GIVEN FOR THAT PART
NUMBER.

⑥
TURN TO THE FIGURE NUMBER
GIVEN - THEN FIND THE INDEX
NUMBER ON THE ILLUSTRATION.

⑦
FIND THE CORRESPONDING
INDEX NUMBER IN THE
ACCOMPANYING LISTING
TO OBTAIN THE DESCRIPTION
AND QUANTITY OF THE PART.



NOTE:

IF THE DESIRED ITEM IS PART OF A SUBASSEMBLY NOT BROKEN DOWN
WITHIN THAT FIGURE, REFER TO THE FIGURE ASSIGNED TO THE SUB-
ASSEMBLY, LOCATE THE PART VISUALLY AND OBTAIN THE PART NUM-
BER, DESCRIPTION AND QUANTITY FROM THE ACCOMPANYING LISTING.

GLOSSARY (LISTING PAGES)

1 **INDENTURE** The indentation of items under the numerals 1 through 4 at the head of the Description column shows the relationship between assemblies, subassemblies and detail parts. For example:

(No dot)	MAIN ASSEMBLY
(One dot)	• Detail parts of main assembly
(One dot)	• Assembly within main assembly
(Two dots)	• • Detail part of one dot assembly
(Two dots)	• • Assembly within one dot assembly
(Three dots)	• • • Detail parts of two dot assembly

2 **SIMILAR ASSEMBLIES** If two or more assemblies contain a majority of identical parts, they are combined in the same listing. Parts common to assemblies are illustrated and listed by one index number. Parts peculiar to one or the other of the assemblies are listed separately and identified by a descriptive trailer line.

3 **AR** The notation AR in the Units Per Asm column indicates that the quantity of the part is used as required.

4 **REF** This entry in the units per assembly column denotes a part or assembly included for reference only. It is not part of the assembly breakdown and is also included elsewhere in the next higher assembly.

5 **INTERMIXED DIMENSIONING** Two units of measure are used (inches and metrics). Dimensions in inches are w/o indication; dimensions in metrics are followed by MM (for millimeter) or M (for meter).

6 **FRU** This abbreviation denotes a Field Replaceable Unit and means that subassemblies and detail parts are not recommended for field replacement.

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
22 -	1234567	REF	TRANSPORT AND VACUUM ASM			
			FOR NEXT HIGHER ASSEMBLY SEE FIGURE 2			
- 1	1846187	1	• DOOR ASSEMBLY,VACUUM COLUMN USED ON MODELS 6 AND 8			
- 1	1846188	1	• DOOR ASSEMBLY,VACUUM COLUMN USED ON MODEL 4			
			FOR DETAIL BREAKDOWN SEE FIGURE 23			
- 2	55918	5	• SCREW,MACH,BD HD,10-32, 0.625 LG			
- 3	45690	5	• WASHER,FL,0.203 ID,0.408 OD			
- 4	2512946	AR	• SHIM,DOOR VAC COLUMN,0.015 THK			
- 4	2512948	AR	• SHIM,DOOR VAC COLUMN,0.03 THK			
- 5		AR	• PNEUMATIC HOSES TRANSPORT ASM			
			FOR DETAIL BREAKDOWN SEE FIGURE 24			
- 9	2523727	1	• DISC,DECORATIVE			
- 10	1767707	1	• COVER			
- 11	322562	3	• SCREW,BD HD,10-32, 2 LG			
- 12	1767705	1	• CAM			
- 13	1766920	1	• SPRING,COMP, 1.19 OD,2.75 LG			
- 14	1767720	1	• FRU HUB ASSEMBLY			
- 15	356742	3	• • CLAMP,0.375 ID,0.173 MTG HOLE			
- 16	1621190	3	• • SCREW,MACH,PAN HD,M4, 8MM LG			
- 17	1622346	6	• • WASHER,LCK,EXT ST,4.3MM ID,8MM OD			

GLOSSARY (FIGURE PAGES)

DETAIL A portion of the principal view which is detailed is encircled with a thick line and indicated with the alphabetic detail designation.



VIEW To indicate a view, an arrow terminating in a letter points to the plane represented by the view.



CIRCLED INDEX NUMBERS A circled index number in the figure page indicates that the assembly is broken down within the figure.

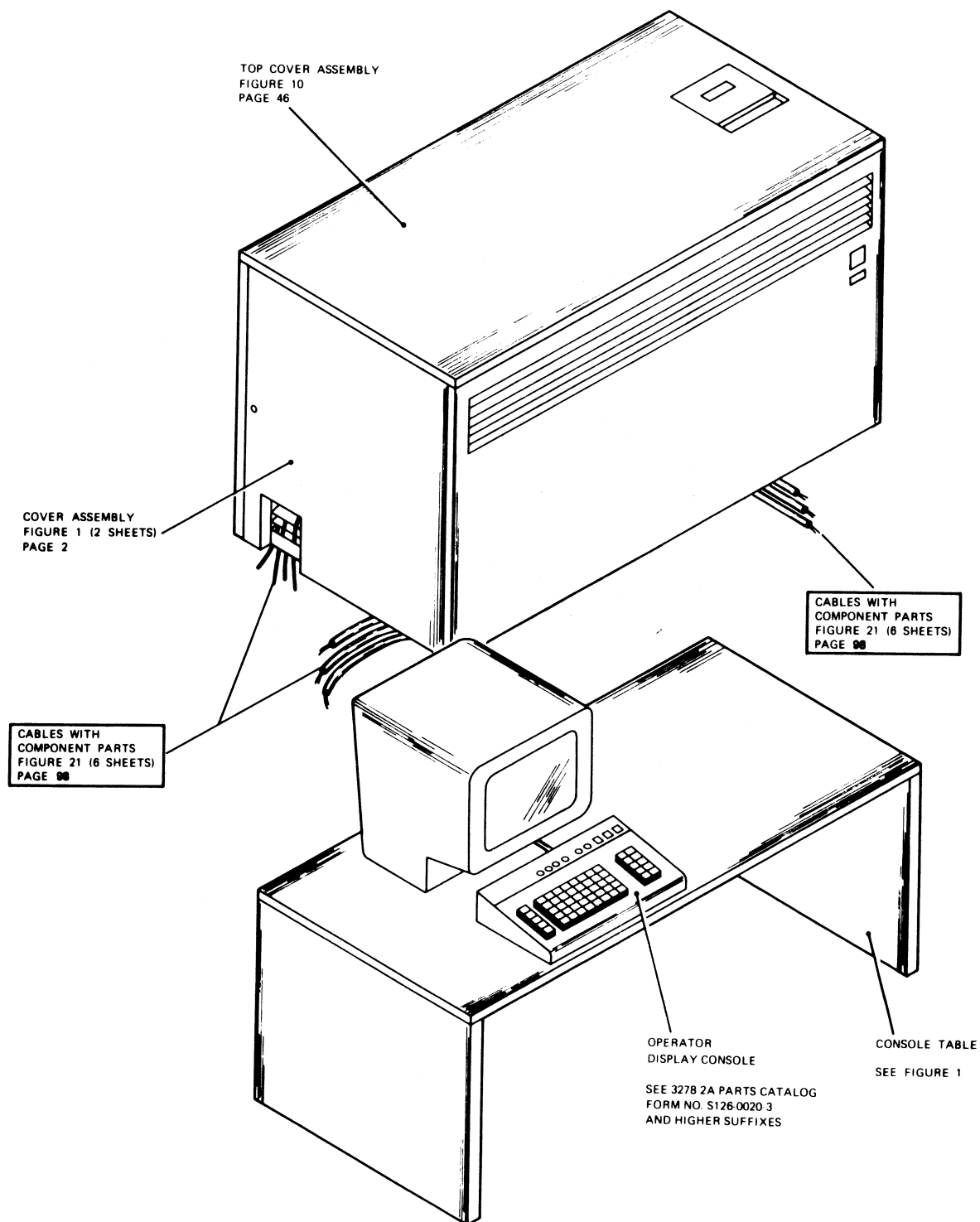
12

ABBREVIATIONS

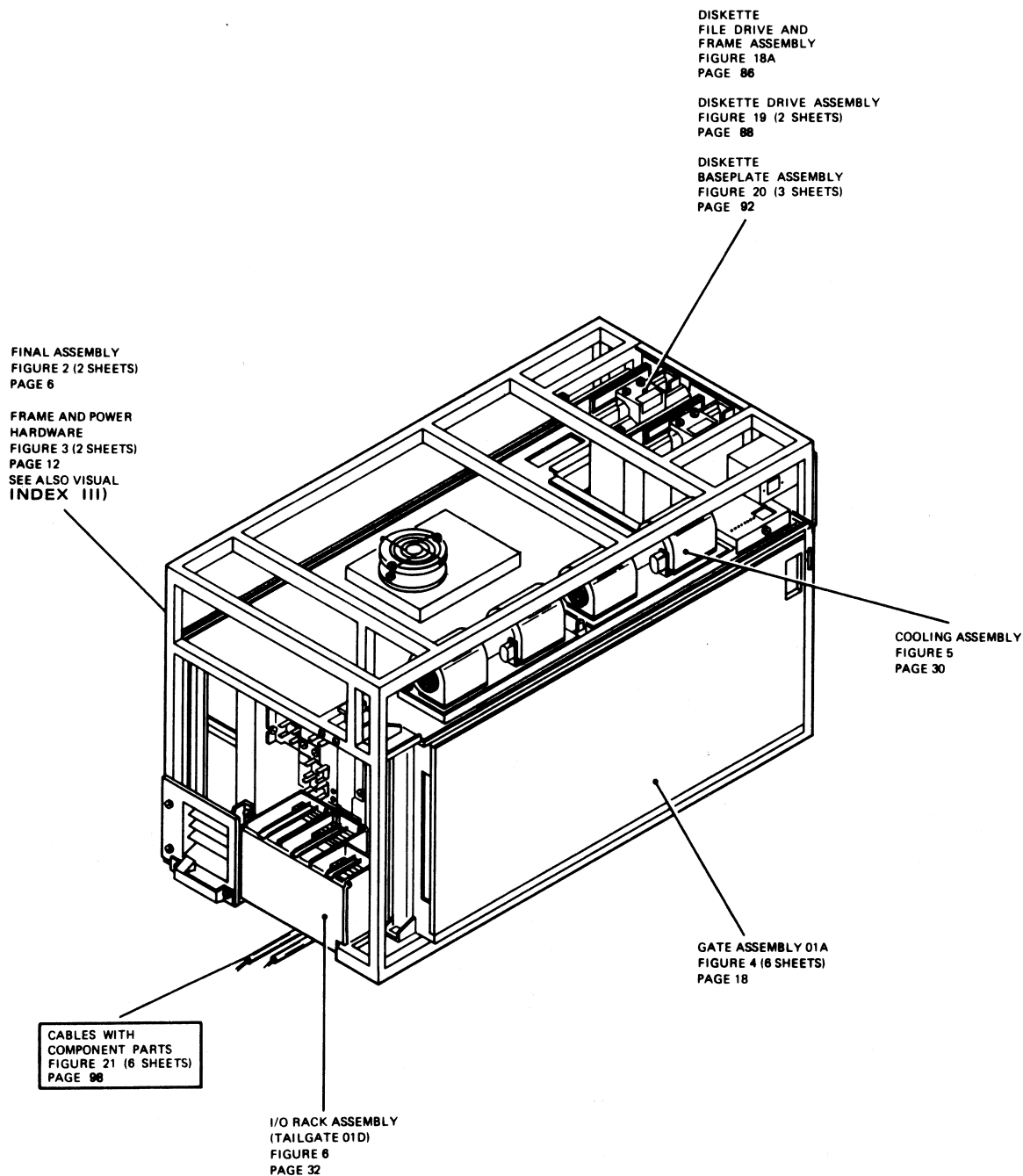
A	Ampere	MACH	Machine
AC	Alternate Current	MB	Medium Blowing
ALU	Aluminum	MFD	Microfarad
AR	As Required	MFI	Machine Features Index
ASM	Assembly	MM	Millimeter
ASMD	Assembled	MTG	Mounting
BD	Binding	OCF	Operator Control Panel
BIND	Binding	OD	Outside Diameter
BM	Bill of Material	P	Pole
CBM	See Bill of Material	PCC	Power Control Compartment
CCP	Customer Control Panel	PDL	Power Design Level (NOTE 1)
COMP	Compression	P/M	Plus/Minus
CON	Connection	POS	Position
CONN	Connection	PS	Power Supply
CSK	Countersunk	REF	For Reference Only
CSU	Customer Set Up	RH	Right Hand
DC	Direct Current	SB	Slow Blowing
DIA	Diameter	SELF TAP	Self Tapping
EXT	External	SEMS	Screw and Washer Assembly
FBM	Field Bill of Material	SLOT	Slotted
FIL	Fillister	SOC	Socket
FL	Flat	SPLIT	Splitted
FL W	Flat Width (width between flats across hexagon)	ST	Star
FRU	Field Replaceable Unit	SUB	Substitution
HD	Head	THK	Thick
HEX	Hexagonal	THRD	Threadforming
HZ	Hertz	TR	Transformer
IB	Instant Blowing	UNC	Unified National Course
ID	Inside Diameter	UNDRCT	Undercut
INS	Insulated	UNF	Unified National Fine
INT	Internal	V	Volt
I/O	Input/Output	W	Watt
LCK	Lock	W/O	Without
LG	Long	WSHR	Washer
LH	Left Hand		

NOTE 1: - MACHINES WITH FEATURE BM 8481016 (50 HZ)
OR FEATURE BM 8481017 (60 HZ) ARE ON
POWER DESIGN LEVEL 4 (PDL 4)

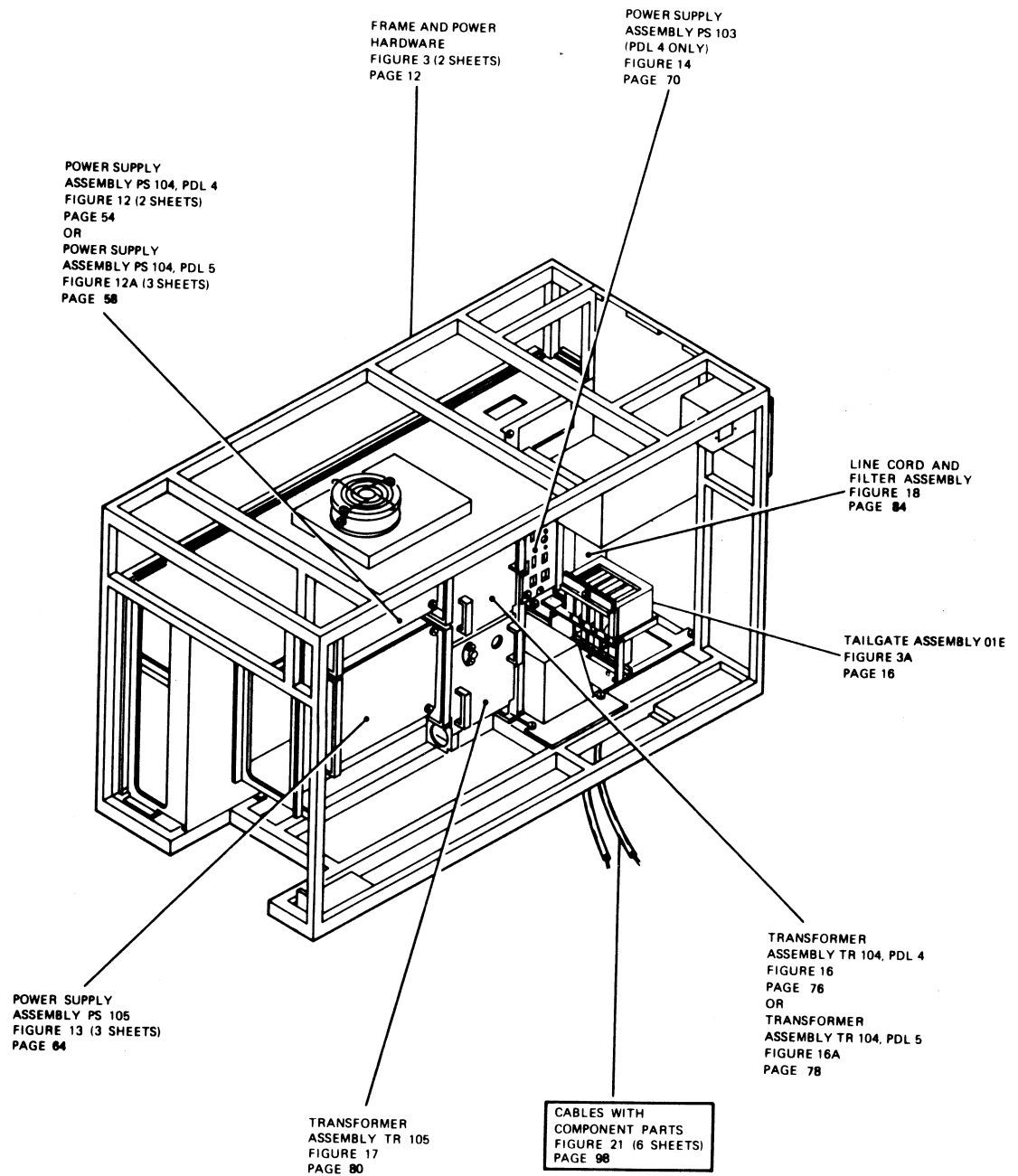
- MACHINES WITH FEATURE BM 8481316 (50 HZ)
OR FEATURE BM 8481317 (60 HZ) ARE ON
POWER DESIGN LEVEL 5 (PDL 5)

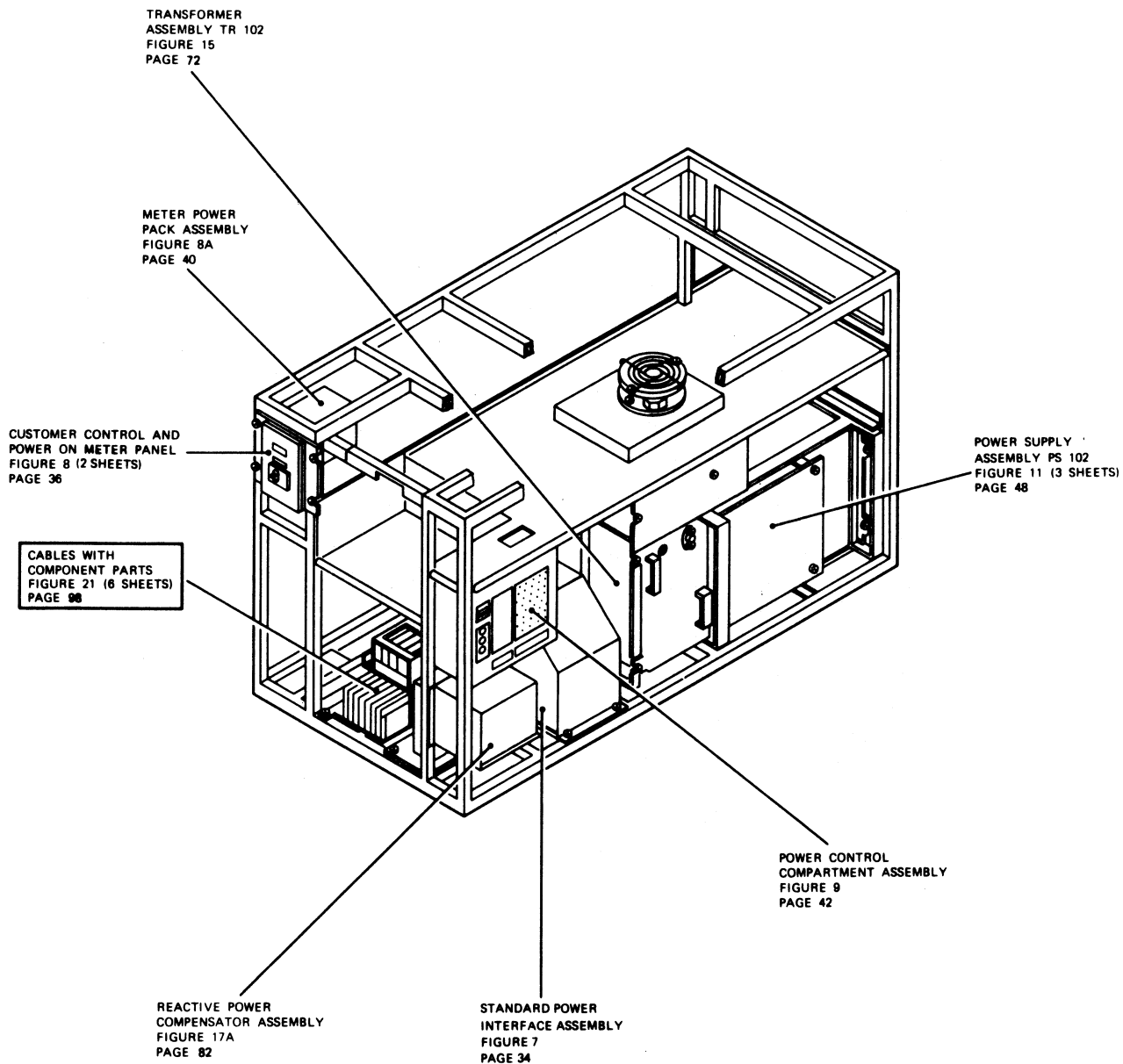


VISUAL INDEX I : COVERS AND ATTACHEMENTS



VISUAL INDEX II : FINAL ASSEMBLY





VISUAL INDEX III : FRAME AND POWER HARDWARE (SHEET 2 OF 2)

CATALOG SECTION

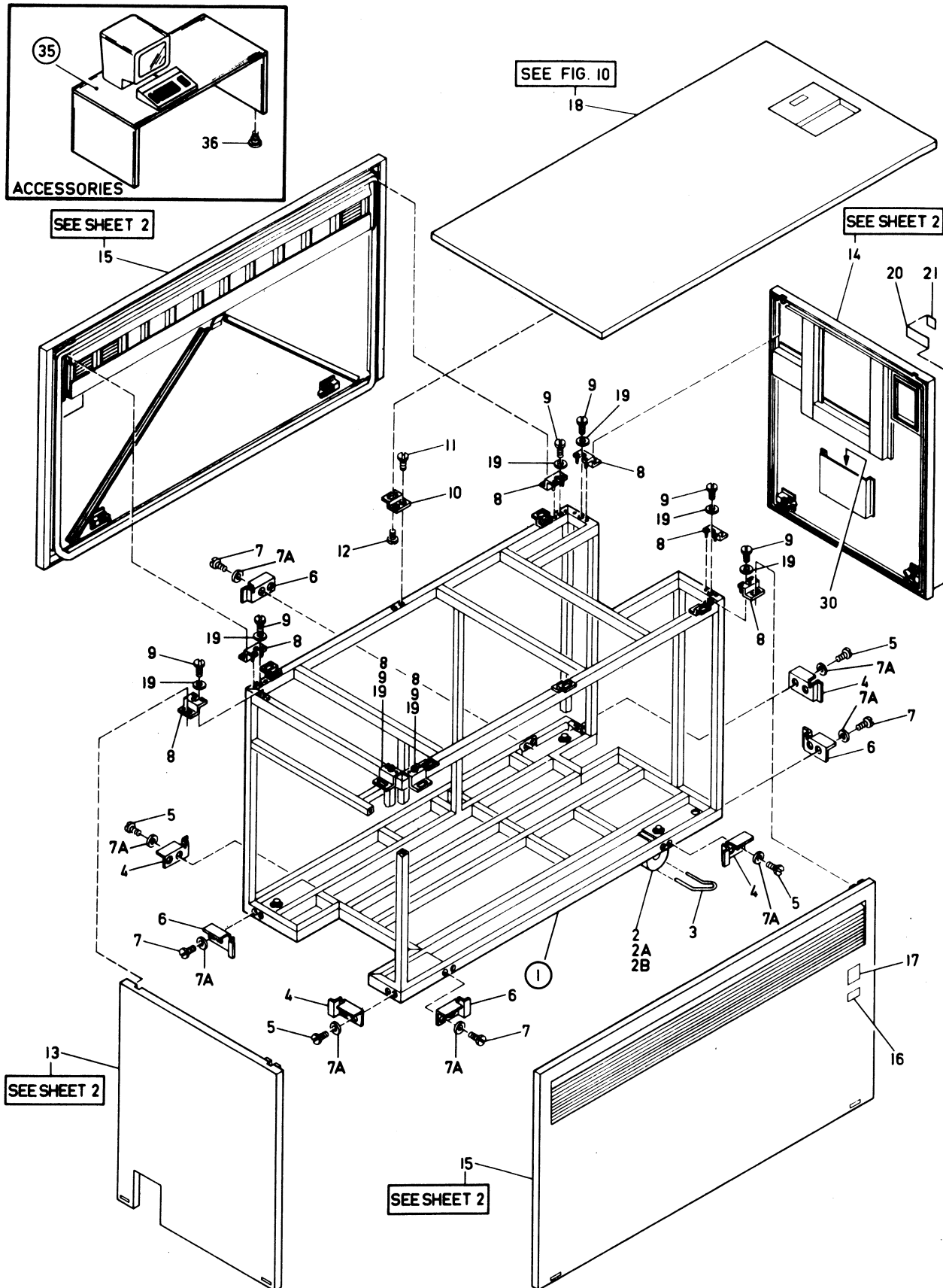


FIGURE 1. COVER ASSEMBLY (SHEET 1 OF 2, INDEX NO. 1 THRU 36)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			COVER ASSEMBLIES			
1 -	8483755	REF	COVER ASSEMBLIES			
			THIS ASM CANNOT BE ORDERED			
- 1	8483000	1	. FRAME AND CASTER ASM			
- 2	471901	4	. . CASTER			
- 2A	130987	4	. . WASHER,LCK,SPLIT,0.509 ID,0.879 OD			
- 2B	186950	4	. . NUT,PLAIN,HEX,0.500-13, 0.75 FL W			
- 3	184886	4	. CASTER LOCK			
- 4	8483919	4	. BRACKET,LATCH,RH (THRU HOLES)			
- 4	8483726	4	. BRACKET,LATCH,RH (OBLONG HOLES),OPTIONAL USAGE			
- 5	1673984	8	. SCREW,MACH,PAN HD,M5, 8MM LG			
- 6	8483918	4	. BRACKET,LATCH,LH (THRU HOLES)			
- 6	8483725	4	. BRACKET,LATCH,LH (OBLONG HOLES),OPTIONAL USAGE			
- 7	1673984	8	. SCREW,MACH,PAN HD,M5, 8MM LG			
- 7A	1622347	16	. WASHER,LCK,EXT ST,5.3MM ID,10MM OD			
- 8	8483727	8	. BRACKET,LATCH TOP			
- 9	1621518	8	. SCREW,CAP,SOC HD,M5, 10MM LG			
- 10	5578577	6	. BRACKET,TOP COVER			
- 11	1621190	12	. SCREW,MACH,PAN HD,M4, 8MM LG			
- 12	1621190	6	. SCREW,MACH,PAN HD,M4, 8MM LG			
- 13	8483730	1	. END COVER ASM LH,CLASSIC BLUE			
- 13	8483732	1	. END COVER ASM LH,SUNRISE YELLOW			
- 13	8483734	1	. END COVER ASM LH,PEBBLE GRAY			
- 13	8483736	1	. END COVER ASM LH,GARNET ROSE			
- 13	8483738	1	. END COVER ASM LH,CHARCOAL BROWN			
- 13	8483740	1	. END COVER ASM LH,WILLOW GREEN			
			FOR DETAIL BREAKDOWN SEE SHEET 2			
- 14	8483731	1	. END COVER ASM RH,CLASSIC BLUE			
- 14	8483733	1	. END COVER ASM RH,SUNRISE YELLOW			
- 14	8483735	1	. END COVER ASM RH,PEBBLE GRAY			
- 14	8483737	1	. END COVER ASM RH,GARNET ROSE			
- 14	8483739	1	. END COVER ASM RH,CHARCOAL BROWN			
- 14	8483741	1	. END COVER ASM RH,WILLOW GREEN			
			FOR DETAIL BREAKDOWN SEE SHEET 2			
- 15	8483709	2	. COVER FRONT AND REAR ASM			
			FOR DETAIL BREAKDOWN SEE SHEET 2			
- 16	4251623	1	. PLATE,UK IMPORT,GERMANY			
- 16	855285	1	. PLATE,UK IMPORT,USA			
- 16	1976198	1	. PLATE,UK IMPORT,JAPAN			
- 17	8483796	2	. PRODUCT IDENTIFICATION PLATE,MOD 1			
- 17	8483855	2	. PRODUCT IDENTIFICATION PLATE,MOD 2			
- 18	8483430	1	. TOP COVER ASM WITH SLIDING COVER			
			FOR DETAIL BREAKDOWN SEE FIGURE 10			
- 19	1622347	8	. WASHER,LCK,EXT ST,5.3MM ID,10MM OD			
- 20	1743217	1	. PLATE,FCC INFO			
			USED ON US MACH ONLY			
- 20	8483272	1	. LABEL,POWER RATING EXTERNAL			
			USED ON CANADIAN MACH ONLY			
- 21	960766	1	. PLATE,CSA			
			USED ON CANADIAN MACH ONLY			
- 30	4110178	1	WIRE,4M LG,CE TOOL			
- 35	5578613	1	CONSOLE TABLE GRP,PEBBLE GRAY			
- 35	5578614	1	CONSOLE TABLE GRP,CHARCOAL BROWN			
- 35	5578615	1	CONSOLE TABLE GRP,CLASSIC BLUE			
- 35	5578616	1	CONSOLE TABLE GRP,WILLOW GREEN			
- 35	5578617	1	CONSOLE TABLE GRP,GARNET ROSE			
- 35	5578618	1	CONSOLE TABLE GRP,SUNRISE YELLOW			
- 36	5578609	4	. GLIDE			

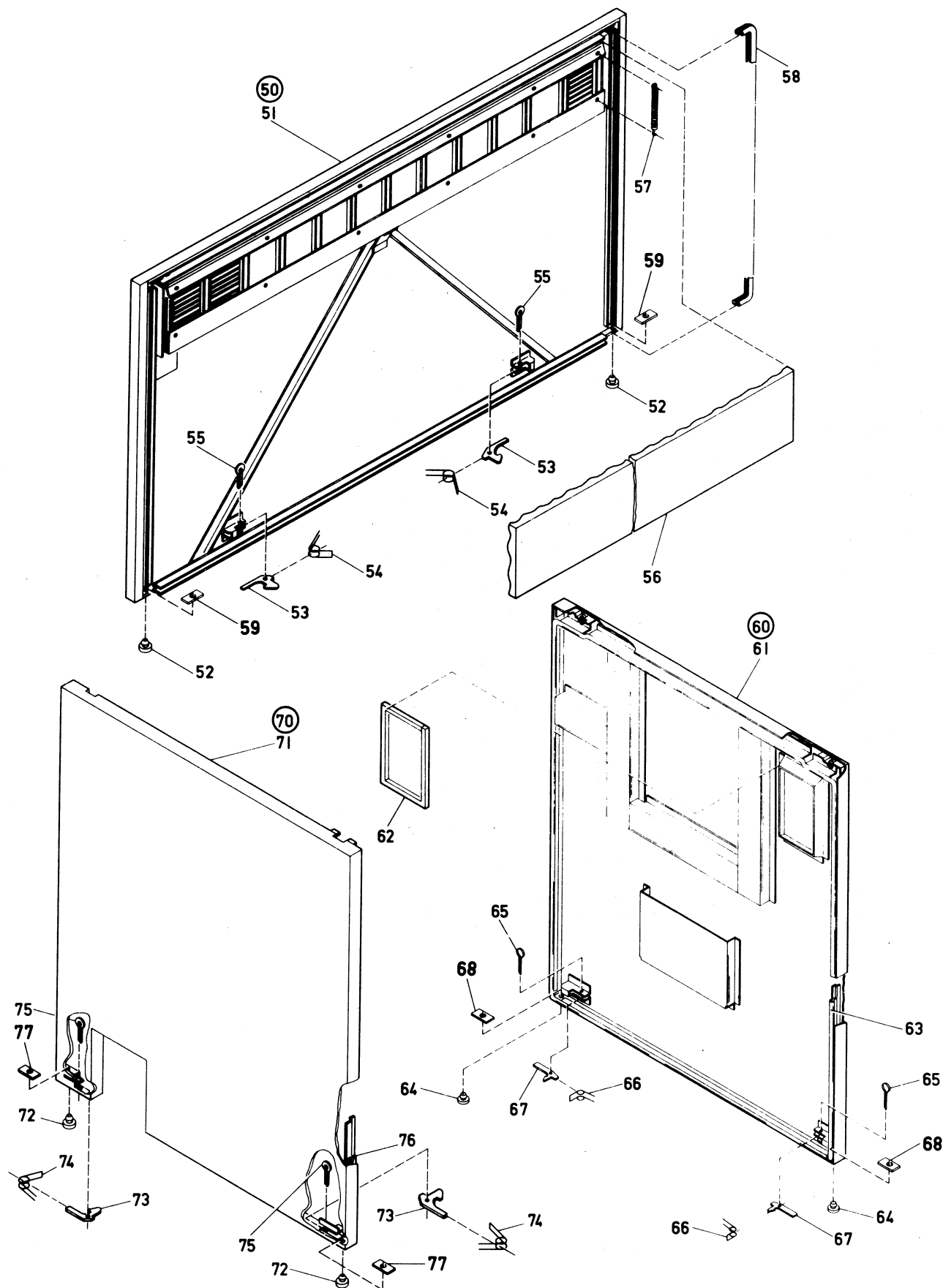


FIGURE 1. COVER ASSEMBLY (SHEET 2 OF 2, INDEX NO. 50 THRU 77)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
1 -	8483755	REF	COVER ASSEMBLIES			
- 50	8483709	2	THIS ASM CANNOT BE ORDERED			
- 51	8483708	1	• COVER FRONT AND REAR ASM			
- 51	8483757	1	• • COVER FRONT AND REAR			
- 52	1470748	2	• • COVER FRONT AND REAR,ALU VERSION			
- 53	8483916	2	• • FOOT			
- 54	2546384	2	• • LATCH			
- 55	35868	2	• • SPRING			
- 56	8483722	2	• • COTTER PIN			
- 57	307984	1	• • AIR FILTER			
- 58	8483347	6	• • SPRING			
- 59	1073043	1	• • SEAL,4760MM LG			
- 60	8483731	2	• • NUT,SPEED,6-32			
- 60	8483733	1	• END COVER ASM RH,CLASSIC BLUE			
- 60	8483735	1	• END COVER ASM RH,SUNRISE YELLOW			
- 60	8483737	1	• END COVER ASM RH,PEBBLE GRAY			
- 60	8483739	1	• END COVER ASM RH,GARNET ROSE			
- 60	8483741	1	• END COVER ASM RH,CHARCOAL BROWN			
- 61	8483743	1	• END COVER ASM RH,WILLOW GREEN			
- 61	8483745	1	• • END COVER CBM RH,CLASSIC BLUE			
- 61	8483747	1	• • END COVER CBM RH,SUNRISE YELLOW			
- 61	8483749	1	• • END COVER CBM RH,PEBBLE GRAY			
- 61	8483751	1	• • END COVER CBM RH,GARNET ROSE			
- 61	8483753	1	• • END COVER CBM RH,CHARCOAL BROWN			
- 62	749059	1	• • END COVER CBM RH,WILLOW GREEN			
- 63	8483347	1	• • SEAL,646MM LG			
- 64	1470748	1	• • SEAL,3250MM LG			
- 65	35868	2	• • FOOT			
- 66	2546384	2	• • COTTER PIN			
- 67	8483916	2	• • SPRING			
- 68	1073043	2	• • LATCH			
- 70	8483730	2	• • NUT,SPEED,6-32			
- 70	8483732	1	• END COVER ASM LH,CLASSIC BLUE			
- 70	8483734	1	• END COVER ASM LH,SUNRISE YELLOW			
- 70	8483736	1	• END COVER ASM LH,PEBBLE GRAY			
- 70	8483738	1	• END COVER ASM LH,GARNET ROSE			
- 70	8483740	1	• END COVER ASM LH,CHARCOAL BROWN			
- 71	8483742	1	• END COVER ASM LH,WILLOW GREEN			
- 71	8483744	1	• • END COVER CBM LH,CLASSIC BLUE			
- 71	8483746	1	• • END COVER CBM LH,SUNRISE YELLOW			
- 71	8483748	1	• • END COVER CBM LH,PEBBLE GRAY			
- 71	8483750	1	• • END COVER CBM LH,GARNET ROSE			
- 71	8483752	1	• • END COVER CBM LH,CHARCOAL BROWN			
- 72	1470748	1	• • END COVER CBM LH,WILLOW GREEN			
- 73	8483916	2	• • FOOT			
- 74	2546384	2	• • LATCH			
- 75	35868	2	• • SPRING			
- 76	8483347	1	• • COTTER PIN			
- 77	1073043	2	• • SEAL,3621MM LG			
			• • NUT,SPEED,6-32			

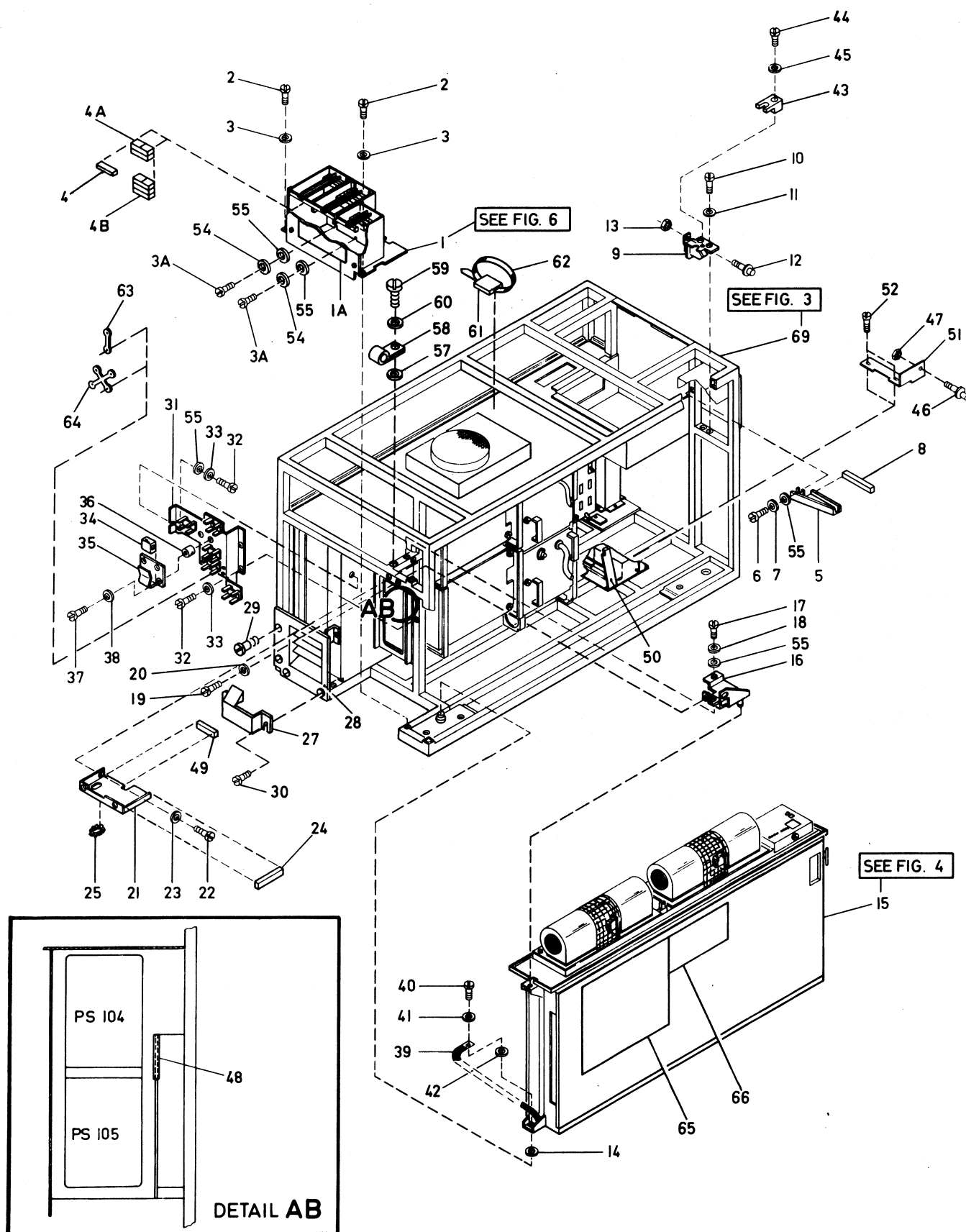


FIGURE 2. FINAL ASSEMBLY (SHEET 1 OF 2, INDEX NO. 1 THRU 69)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
			1 2 3 4
			FINAL ASSEMBLY
2 -	8483010	REF	FINAL ASSEMBLY
- 1	8483678	1	THIS ASSEMBLY CANNOT BE ORDERED
- 1A	8483696	1	• I/O RACK ASM
- 1A	8483880	1	FOR DETAIL BREAKDOWN SEE FIGURE 6
- 2	1673728	2	• LABEL,I/O CONN LOC,MOD 1
- 3	2125974	2	• LABEL,I/O CONN LOC,MOD 2
- 3A	2549782	2	• SCREW,CAP,HEX HD,M5, 8MM LG
- 4	8483695	AR	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD
- 4A	8483541	AR	• SCREW,THRD FORM,HEX WSHR HD,M5, 10MM LG
- 4A	8483543	AR	• FILLER
- 4B	2282675	3	• CONNECTOR ASM,EMC (RED DOT)
- 4B	2282676	1	FOR COMPONENT PARTS SEE FIGURE 21 -90
- 4B	8483772	1	• CONNECTOR ASM,EMC,MFCU
- 4B	8483773	1	FOR COMPONENT PARTS SEE FIGURE 21 -90
- 4B	8483860	1	• CONNECTOR ASM,TERMINATOR,BUS,POS C2,D2,D3
- 5	8483119	1	• CONNECTOR ASM,TERMINATOR,TAG,POS E3
- 6	1621518	2	• BUS WRAP CONNECTOR ASM,CE TOOL
- 7	1622319	2	FOR COMPONENT PARTS SEE FIGURE 21 -90A
- 8	596756	1	• TAG WRAP CONNECTOR ASM,CE TOOL
- 9	8483096	1	FOR COMPONENT PARTS SEE FIGURE 21 -90A
- 10	1621518	3	• CABLE ASM,BUS TO TAG,CE TOOL
- 11	2125974	3	FOR COMPONENT PARTS SEE FIGURE 21 -90A
- 12	223781	1	• AIR BARRIER
- 13	3960	1	• SCREW,CAP,SOC HD,M5, 10MM LG
- 14	4014244	1	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 15	8483500	1	• SEAL,160MM LG
- 16	8483097	1	• BRACKET
- 17	1621518	4	• SCREW,CAP,SOC HD,M5, 10MM LG
- 18	1622319	4	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 19	1621531	2	• SCREW,CAP,SOC HD,M6, 30MM LG
- 20	1622320	2	• WASHER,LCK,SPRING,6.1MM ID,11.8MM OD
- 21	8483523	1	• AIR BARRIER
- 22	1621210	3	• SCREW,MACH,PAN HD,M5, 10MM LG
- 23	2125974	3	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD
- 24	596756	1	• SEAL,FOAM,115MM LG
- 25	480755	1	• CHANNEL,106MM LG
- 27	8483682	1	• RETAINER,NDS CABLES
- 28	8483766	1	• BRACKET,NDS CONN,16 POS (PART OF CABLE ASM 8482909)
- 29	1621812	3	• SCREW,THRD FORM,HEX HD,M4, 8MM LG
- 30	1621811	2	• SCREW,THRD FORM,HEX HD,M4, 10MM LG
- 31	8483506	1	• BRACKET
- 32	1621210	3	• SCREW,MACH,PAN HD,M5, 10MM LG
- 33	1622319	3	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 34	853288	2	• CORE
- 35	2588046	1	• SPRING
- 36	4037343	2	• SPACER
- 37	1621213	2	• SCREW,MACH,PAN HD,M5, 20MM LG
- 38	1622319	2	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 39	2101376	1	• STRAP
- 40	1621210	1	• SCREW,MACH,PAN HD,M5, 10MM LG
- 41	2125974	1	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD
- 42	1622347	1	• WASHER,LCK, EXT ST,5.3MM ID,10MM OD
- 43	8483524	1	• CLAMP,SHIPPING
- 44	1621523	1	• SCREW,CAP,SOC HD,M5, 30MM LG
- 45	2125974	1	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD
- 46	223781	1	• BUMPER
- 47	3960	1	• NUT,PLAIN,HEX,0.250-20, 0.438 FL W
- 48	5203114	1	• RUBBER CHANNEL,100MM LG
- 49	596756	1	• SEAL,FOAM,95MM LG
- 50	8483762	1	• BRACKET,TAILGATE
- 51	8483879	1	• BRACKET,GATE STOP LOWER
- 52	1621811	2	• SCREW,THRD FORM,HEX HD,M4, 10MM LG
- 54	1622319	2	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 55	23141	11	• WASHER,FL,5.1MM ID,14.3MM OD,1.6MM THK
- 57	1622347	2	• WASHER,LCK,EXT ST,5.3MM ID,10MM OD
- 58	533289	2	• CLAMP,LOOP,7.9MM ID,5.2MM DIA MTG HOLE
- 59	1621210	2	• SCREW,MACH,PAN HD,M5, 10MM LG
- 60	1622305	2	• WASHER,FL,5.5MM ID,10MM OD,1MM THK

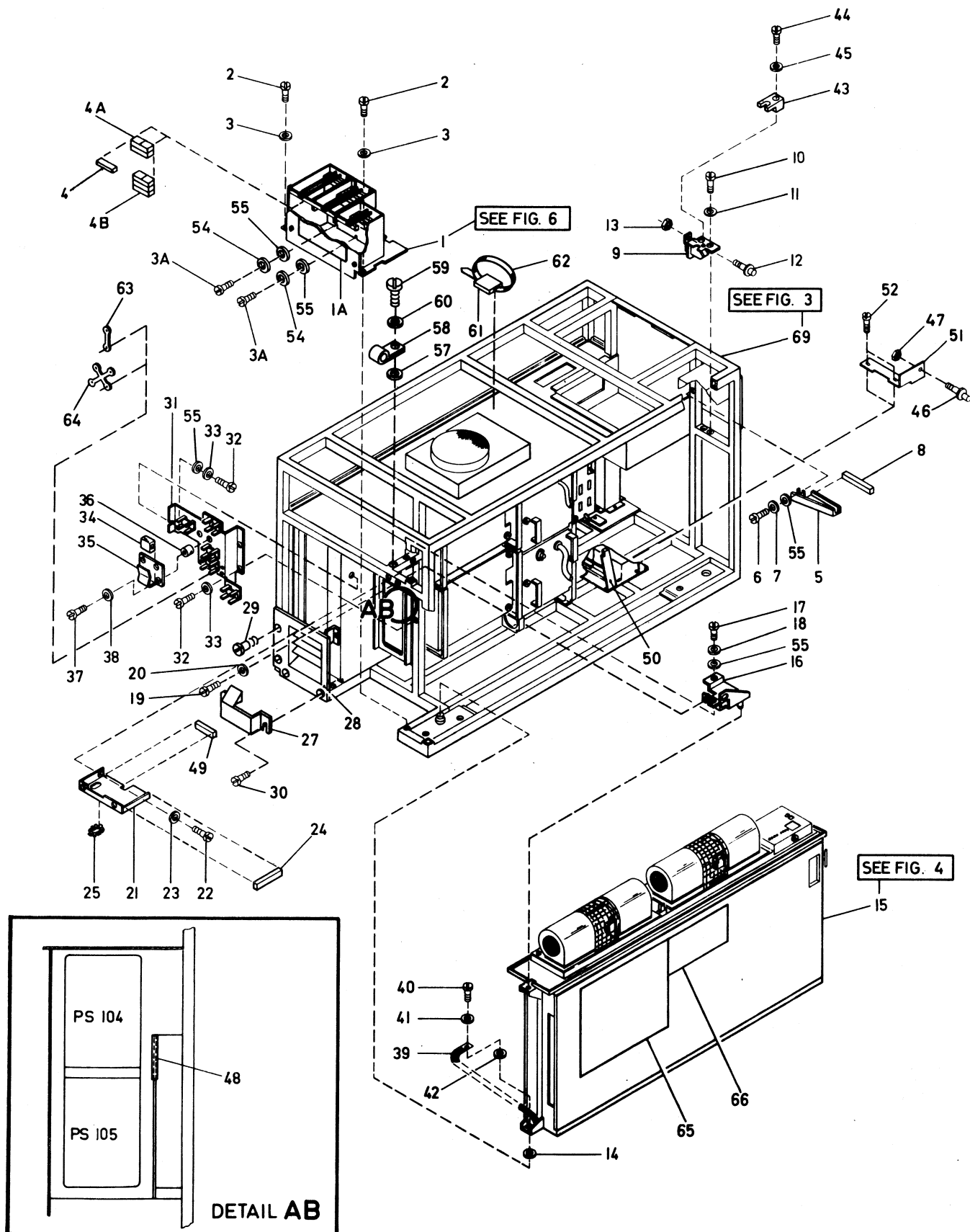


FIGURE 2. FINAL ASSEMBLY (SHEET 1 OF 2, INDEX NO. 1 THRU 69), CONTINUED

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
2 - 61	2278668	15	• HOLDER • STRAP,CABLE • CABLE STRAP • CABLE RETAINER • LABEL,PHYS LAYOUT,MOD 1 • LABEL,PHYS LAYOUT,MOD 2 • LABEL,IPS BOARD 01A-C1 USED ON MOD 1 ONLY • LABEL,IPS BOARD 01A-C1 USED ON MOD 2 ONLY • FRAME,PCWER HARDWARE FOR DETAIL BREAKDOWN SEE FIGURE 3			
- 62	1159913	21				
- 63	811427	AR				
- 64	813519	AR				
- 65	8483897	1				
- 65	8483875	1				
- 66	8482797	1				
- 66	8482798	1				
- 69	8483110	1				

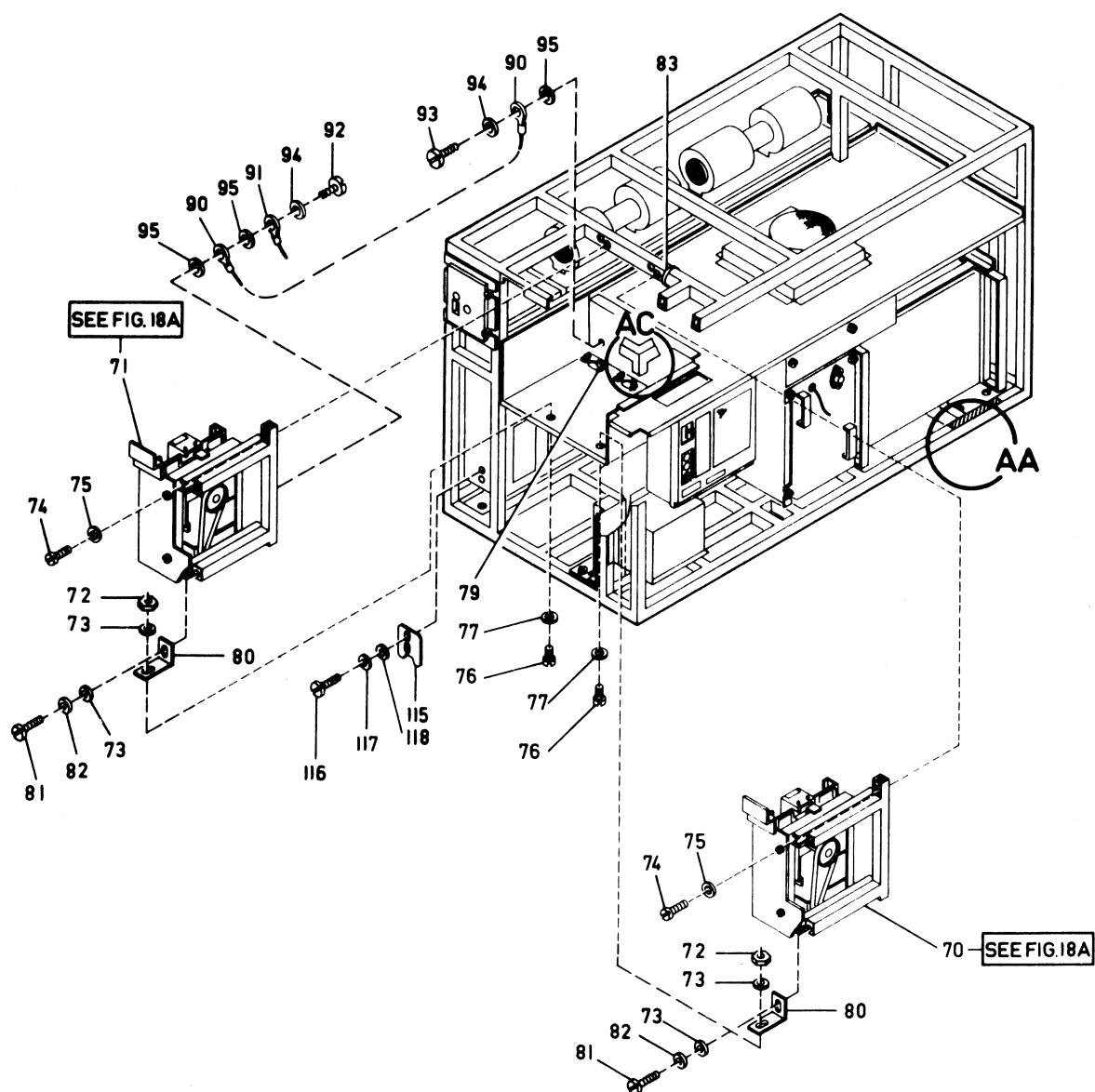
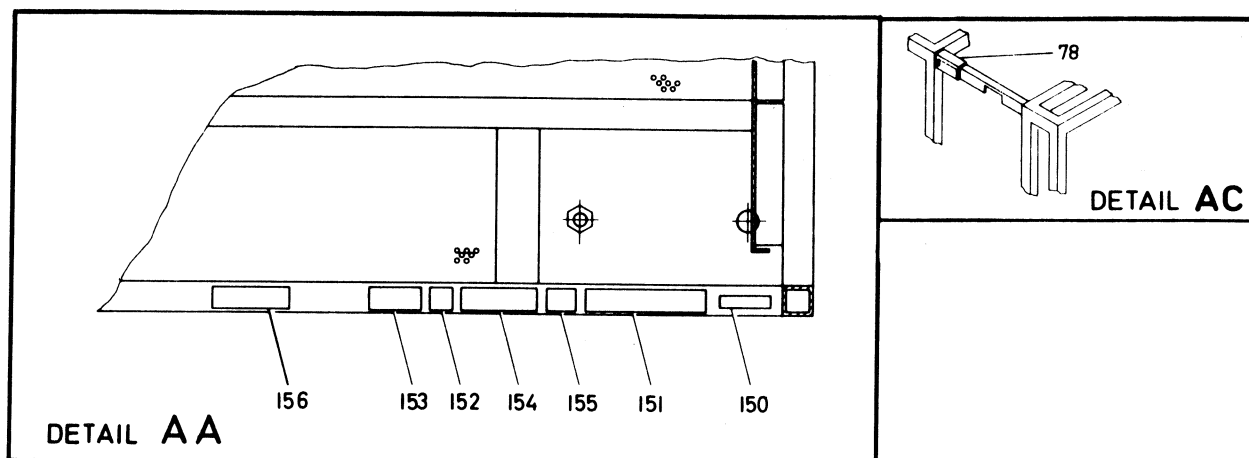


FIGURE 2. FINAL ASSEMBLY (SHEET 2 OF 2, INDEX NO. 70 THRU 156)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
2 - 70	8483787	1	• FILE DRIVE AND FRAME ASM,50 HZ,RH			
- 70	8483788	1	• FILE DRIVE AND FRAME ASM,60 HZ,RH FOR DETAIL BREAKDOWN SEE FIGURE 18A			
- 71	8483906	1	• FILE DRIVE AND FRAME ASM,50 HZ,LH			
- 71	8483905	1	• FILE DRIVE AND FRAME ASM,60 HZ,LH FOR DETAIL BREAKDOWN SEE FIGURE 18A			
- 72	1622403	2	• NUT,HEX,M4, 7MM FL W NOT USED ON US MACH			
- 73	1622304	4	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK NOT USED ON US MACH			
- 74	1621522	4	• SCREW,CAP,SOC HD,M5, 25MM LG			
- 75	2125974	4	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD			
- 76	1621191	2	• SCREW,MACH,PAN HD,M4, 10MM LG NOT USED ON US MACH			
- 76	1621190	2	• SCREW,MACH,PAN HD,M4, 8MM LG USED ON US MACH ONLY			
- 77	1622318	2	• WASHER,LCK,SPRING,4.1MM ID,7.6 MM OD			
- 78	8483568	1	• SHIELD			
- 79	480755	2	• CHANNEL			
- 80	8483912	2	• FITTING ANGLE NOT USED ON US MACH			
- 81	1621190	2	• SCREW,MACH,PAN HD,M4, 8MM LG NOT USED ON US MACH			
- 82	1622318	2	• WASHER,LCK,SPRING,4.1MM ID,7.6MM OD NOT USED ON US MACH			
- 83	524519	3	• CABLE TIE			
- 90	8483830	2	• JUMPER ASM,DISKETTE DRIVE TO FRAME FOR COMPONENT PARTS SEE FIGURE 21 -1H			
- 91	8482893	2	• CABLE ASM,DISKETTE TO BOARD,SIGNAL,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -1M, -88,-18B,-18C,-20A,-41D,-46,-49,-50, -51,-52,-61,-82,-83			
- 91	8482936	2	• CABLE ASM,DISK TO PS 104, 01A-A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-1M, -18B,-18C,-21D,-41D,-46,-49,-50,-51,-52, -61,-82,-83,-149,-150			
- 92	1621811	2	• SCREW,THRD FORM,HEX HD,M4, 10MM LG			
- 93	1621852	2	• SCREW,THRD FORM,PAN HD,M4, 10MM LG			
- 94	1622304	4	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 95	1622346	6	• WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
-115	8483728	1	• PLATE,SHIPPING			
-116	1621518	2	• SCREW,CAP,SOC HD,M5, 10MM LG			
-117	1622319	2	• WASHER,LCK,SPRING,5.1MM ID,9.2MM OD			
-118	1622305	2	• WASHER,FL,5.5MM ID,10MM OD,1MM THK			
-150	4056411	1	• PLATE,MFG EXPORT,GERMANY			
-150	855284	1	• PLATE,MFG EXPORT,USA			
-150	1976197	1	• PLATE,MFG EXPORT,JAPAN			
-151	8483798	1	• PLATE,POW RATE,50 HZ,MOD 1			
-151	8483799	1	• PLATE,POW RATE,60 HZ,MOD 1			
-151	8483907	1	• PLATE,POW RATE,50 HZ,MOD 2			
-151	8483908	1	• PLATE,POW RATE,60 HZ,MOD 2			
-152	855283	1	• PLATE,IDENT			
-153	855282	1	• PLATE,SERIAL NO.			
-154	855262	1	• PLATE,PROPERTY,USA			
-154	855263	1	• PLATE,PROPERTY,WT			
-154	960746	1	• PLATE,PROPERTY,CANADA			
-154	1976194	1	• PLATE,PROPERTY,JAPAN			
-154	4056393	1	• PLATE,PROPERTY,GERMANY			
-155	855286	1	• PLATE,UL USA			
-155	960766	1	• PLATE,CSA CANADA			
-156	8482985	1	• LABEL,INFORMATION FOR SUPPLY CONNECT			

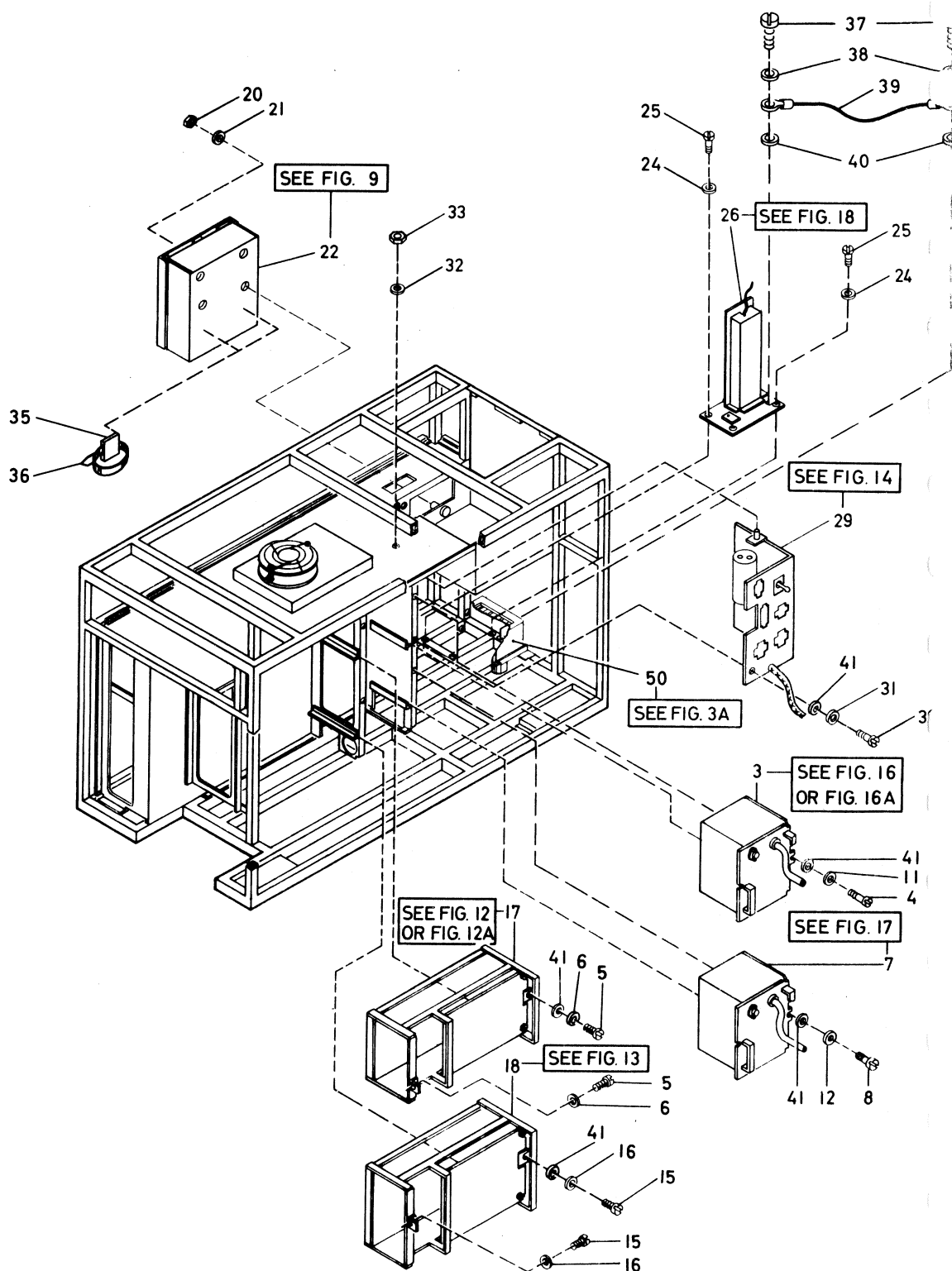


FIGURE 3. FRAME AND POWER HARDWARE (SHEET 1 OF 2, INDEX NO. 3 THRU 50)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
			1 2 3 4
			FRAME AND POWER HARDWARE
3 -	8483110	REF	FRAME AND POWER HARDWARE THIS ASSEMBLY CANNOT BE ORDERED FOR NEXT HIGHER ASM SEE FIGURE 2
- 3	8482683	1	. FRU TR 104 ASM,50 HZ,PDL 5
- 3	8482693	1	. FRU TR 104 ASM,60 HZ,PDL 5 FOR DETAIL BREAKDOWN SEE FIGURE 16A
- 3	8482684	1	. FRU TR 104 ASM,50 HZ,PDL 4
- 3	8482694	1	. FRU TR 104 ASM,60 HZ,PDL 4 FOR DETAIL BREAKDOWN SEE FIGURE 16
- 4	1621210	2	. SCREW,MACH,PAN HD,M5, 10MM LG
- 5	1621210	2	. SCREW,MACH,PAN HD,M5, 10MM LG
- 6	1622319	2	. WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 7	8482685	1	. FRU TR 105 ASM,50 HZ
- 7	8482695	1	. FRU TR 105 ASM,60 HZ FOR DETAIL BREAKDOWN SEE FIGURE 17
- 8	1621210	2	. SCREW,MACH,PAN HD,M5, 10MM LG
- 11	1622319	2	. WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 12	1622319	2	. WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 15	1621210	2	. SCREW,MACH,PAN HD,M5, 10MM LG
- 16	1622319	2	. WASHER,LCK,SPRING,5.1MM ID,9.2MM OD
- 17	8482656	1	. FRU PS 104 ASM,PDL 5 FOR DETAIL BREAKDOWN SEE FIGURE 12A
- 17	8482688	1	. FRU PS 104 ASM,PDL 4 FOR DETAIL BREAKDOWN SEE FIGURE 12
- 18	8482659	1	. FRU PS 105 ASM FOR DETAIL BREAKDOWN SEE FIGURE 13
- 20	1622403	4	. NUT,HEX,M4, 7MM FL W
- 21	1622318	4	. WASHER,LCK,SPRING,4.1MM ID,7.6MM OD
- 22	8483790	1	. PCC ASM,50 HZ
- 22	8483770	1	. PCC ASM,60 HZ
- 22	8483780	1	. PCC ASM,50/60 HZ JAPAN FOR DETAIL BREAKDOWN SEE FIGURE 9
- 24	1622335	3	. WASHER,LCK,INT ST,5.3MM ID,10MM OD
- 25	2549782	3	. SCREW,THRD FORM,HEX WSHR HD,M5, 10MM LG
- 26	8482964	1	. FRU LINE FILTER ASM,USA 60 HZ
- 26	8482965	1	. FRU LINE FILTER ASM,WTC 50/60 HZ
- 26	8482966	1	. FRU LINE FILTER ASM,JAPAN 50/60 HZ
- 26	8482967	1	. FRU LINE FILTER ASM,CHICAGO 60 HZ FOR DETAIL BREAKDOWN SEE FIGURE 18
- 29	8482776	1	. FRU PS 103 ASM USED ON PDL 4 MACH ONLY FOR DETAIL BREAKDOWN SEE FIGURE 14
- 30	1621210	1	. SCREW,MACH,PAN HD,M5, 10MM LG USED ON PDL 4 MACH ONLY
- 31	1622319	1	. WASHER,LCK,SPRING,5.1MM ID,9.2MM OD USED ON PDL 4 MACH ONLY
- 32	2125656	1	. WASHER,LCK,0.261 ID,0.875 OD,0.04 THK USED ON PDL 4 MACH ONLY
- 33	1622405	1	. NUT,HEX,M6, 10MM FL W USED ON PDL 4 MACH ONLY
- 35	2278668	2	. HOLDER
- 36	1159913	2	. STRAP,CABLE
- 37	1621197	2	. SCREW,MACH,PAN HD,M4, 6MM LG
- 38	1622304	2	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK
- 39	8483909	1	. JUMPER ASM,GND,80MM LG FOR COMPONENT PARTS SEE FIGURE 21 -1H
- 40	1622346	2	. WASHER,LCK,EXT ST,4.3MM ID,8MM OD
- 41	23141	9	. WASHER,FL,5.1MM ID,14.3MM OD,1.6MM THK
- 50	NO NO.	1	. TAILGATE ASM,01E FOR DETAIL BREAKDOWN SEE FIGURE 3A

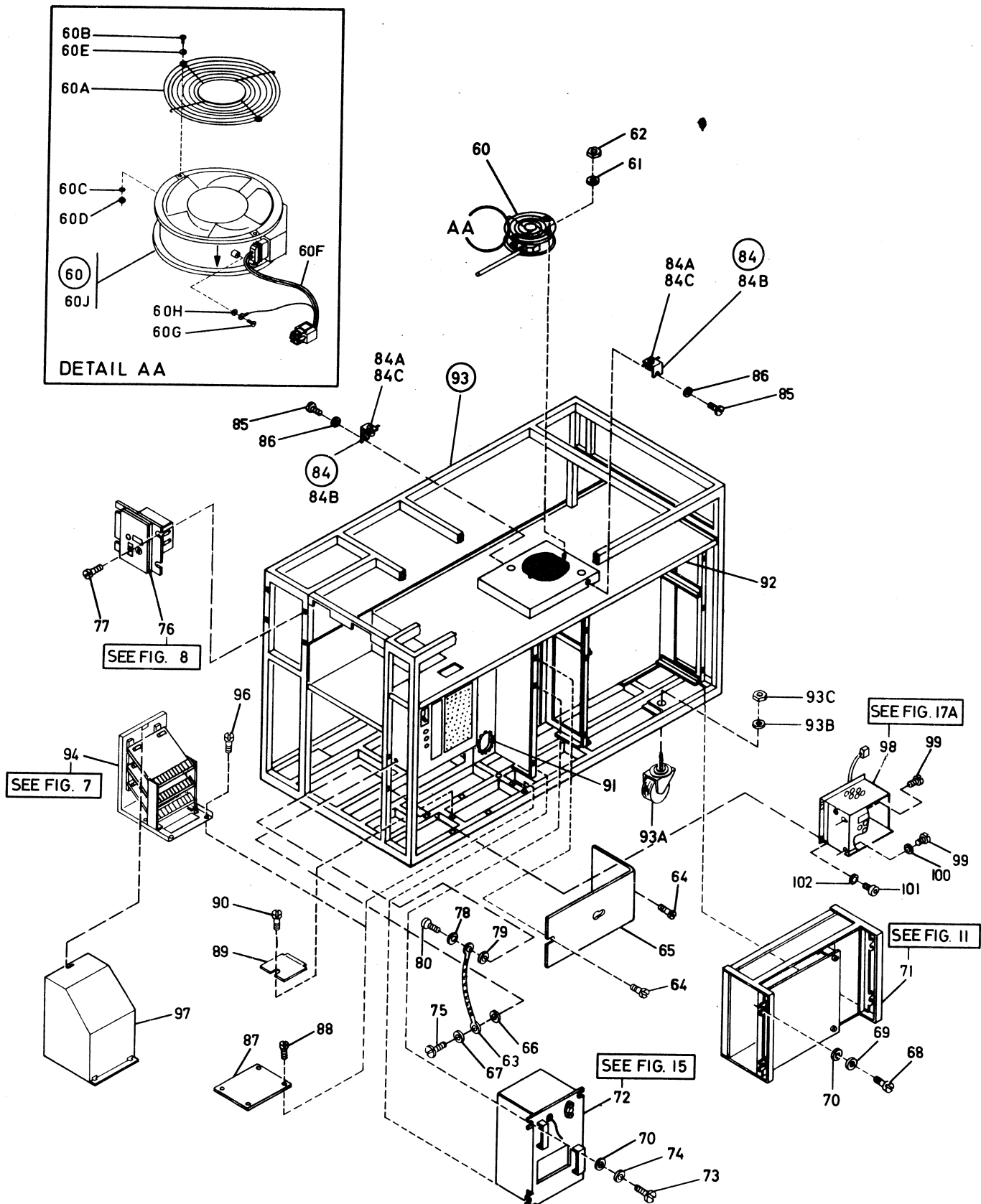


FIGURE 3. FRAME AND POWER HARDWARE (SHEET 2 OF 2, INDEX NO. 60 THRU 102)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
3 - 60	8482336	1	.	FRU	FAN ASM	
- 60A	4123902	1	.	.	GUARD	
- 60B	1621194	2	.	.	SCREW,MACH,PAN HD,M4, 20MM LG	
- 60C	1622346	2	.	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD	
- 60D	1622403	2	.	.	NUT,HEX,M4, 7MM FL W	
- 60E	1622304	2	.	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK	
- 60F	8482914	1	.	.	CABLE ASM	
					FOR COMPONENT PARTS SEE FIGURE 21 -1L, -20,-38,-61	
- 60G	2549780	1	.	.	SCREW,MACH,PAN HD,M5, 6MM LG	
- 60H	1622347	1	.	.	WASHER,LCK,EXT ST,5.3MM ID,10MM OD	
- 60J	2549540	1	.	.	FAN	
- 60J	4120598	1	.	.	FAN,SUB PART ON MAINZ MACH ONLY	
- 61	1622346	2	.	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD	
- 62	1622403	2	.	.	NUT,HEX,M4, 7MM FL W	
- 63	8483920	1	.	.	JUMPER ASM	
					FOR COMPONENT PARTS SEE FIGURE 21 -1H,-1Q	
- 64	1621210	3	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
- 65	8483576	1	.	.	AIR BAFFLE	
- 66	1622346	1	.	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD	
- 67	1622304	1	.	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK	
- 68	1621210	4	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
- 69	1622319	4	.	.	WASHER,LCK,SPRING,5.1MM ID,9.2MM OD	
- 70	23141	4	.	.	WASHER,FL,5.1MM ID,14.3MM OD,1.6MM THK	
- 71	8482657	1	.	FRU	PS 102 ASM	
					USED ON MOD 1 ONLY	
- 71	8482658	1	.	FRU	PS 102 ASM	
					USED ON MOD 2 ONLY	
					FOR DETAIL BREAKDOWN SEE FIGURE 11	
- 72	8482682	1	.	FRU	TR 102 ASM,50 HZ	
					USED ON MOD 1 ONLY	
- 72	8482680	1	.	FRU	TR 102 ASM,50 HZ	
					USED ON MOD 2 ONLY	
- 72	8482692	1	.	FRU	TR 102 ASM,60 HZ	
					USED ON MOD 1 ONLY	
- 72	8482690	1	.	FRU	TR 102 ASM,60 HZ	
					USED ON MOD 2 ONLY	
					FOR DETAIL BREAKDOWN SEE FIGURE 15	
- 73	1621210	4	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
- 74	1622319	4	.	.	WASHER,LCK,SPRING,5.1MM ID,9.2MM OD	
- 75	1621190	1	.	.	SCREW,MACH,PAN HD,M4, 8MM LG	
- 76	8483689	1	.	FRU	POWER ON METER PANEL ASM,50 HZ	
- 76	8483690	1	.	FRU	POWER ON METER PANEL ASM,60 HZ	
					USED ON APPROX 300 US,200 GERM,AND 100 JAPAN IBM OWNED MACH ONLY	
- 76	8483795	1	.	FRU	CUSTOMER CONTROL PANEL ASM	
					FOR DETAIL BREAKDOWN SEE FIGURE 8	
- 77	1621210	4	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
- 78	1622347	1	.	.	WASHER,LCK,EXT ST,5.3MM ID,10MM OD	
- 79	1622306	1	.	.	WASHER,FL,6.6MM ID,12.5MM OD,1.6MM THK	
- 80	2549782	1	.	.	SCREW,THRD FORM, HEXWSHR HD,M5, 10MM LG	
- 84	8483718	2	.	.	THERMO SWITCH ASM	
- 84A	5501993	1	.	.	THERMC SWITCH,N/C,122 DEG F	
- 84B	8483719	1	.	.	BRACKET	
- 84C	5501997	1	.	.	CLIP	
- 85	1621171	2	.	.	SCREW,MACH,PAN HD,M3, 8MM LG	
- 86	2125697	2	.	.	WASHER,LCK,INT EXT TEETH,3MM ID,14.3MM OD	
- 87	8483098	1	.	.	PLATE,DUMMY	
					USED ON MACH W/O SPI ONLY	
- 88	1621210	4	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
					USED ON MACH W/O SPI ONLY	
- 89	8482756	1	.	.	COVER	
- 90	1621821	1	.	.	SCREW,THRD FORM,HEX WSHR HD,M6, 10MM LG	
- 91	730432	1	.	.	CHANNEL,180MM LG	
- 92	596756	1	.	.	SEAL,2650MM LG	
- 93	8483000	1	.	.	FRAME AND CASTER ASM	
- 93A	471901	4	.	.	CASTER	
- 93B	130987	4	.	.	WASHER,LOCK,SPLIT,0.509 ID,0.879 OD	
- 93C	186950	4	.	.	NUT,PLAIN,HEX,0.500-13, 0.75 FL W	
- 94	8482752	1	.	.	SPI FEATURE ASM	
					FOR DETAIL BREAKDOWN SEE FIGURE 7	
- 96	1621210	4	.	.	SCREW,MACH,PAN HD,M5, 10MM LG	
- 97	8482755	1	.	.	COVER	
- 98	8482987	1	.	FRU	REACTIVE POWER COMPENSATOR ASSEMBLY,MOD 2 ONLY	
					FOR DETAIL BREAKDOWN SEE FIGURE 17A	
- 99	1621210	2	.	.	SCREW,MACH,PAN HD,M5, 10MM LG,MOD 2 ONLY	
-100	2125974	1	.	.	WASHER,LCK,INT TEETH,0.2 ID,0.562 OD,MOD 2 ONLY	
-101	1621518	2	.	.	SCREW,CAP,SOC HD,M5, 10MM LG,MOD 2 ONLY	
-102	2125974	2	.	.	WASHER,LCK,INT TEETH,0.2 ID,0.562 OD,MOD 2 ONLY	

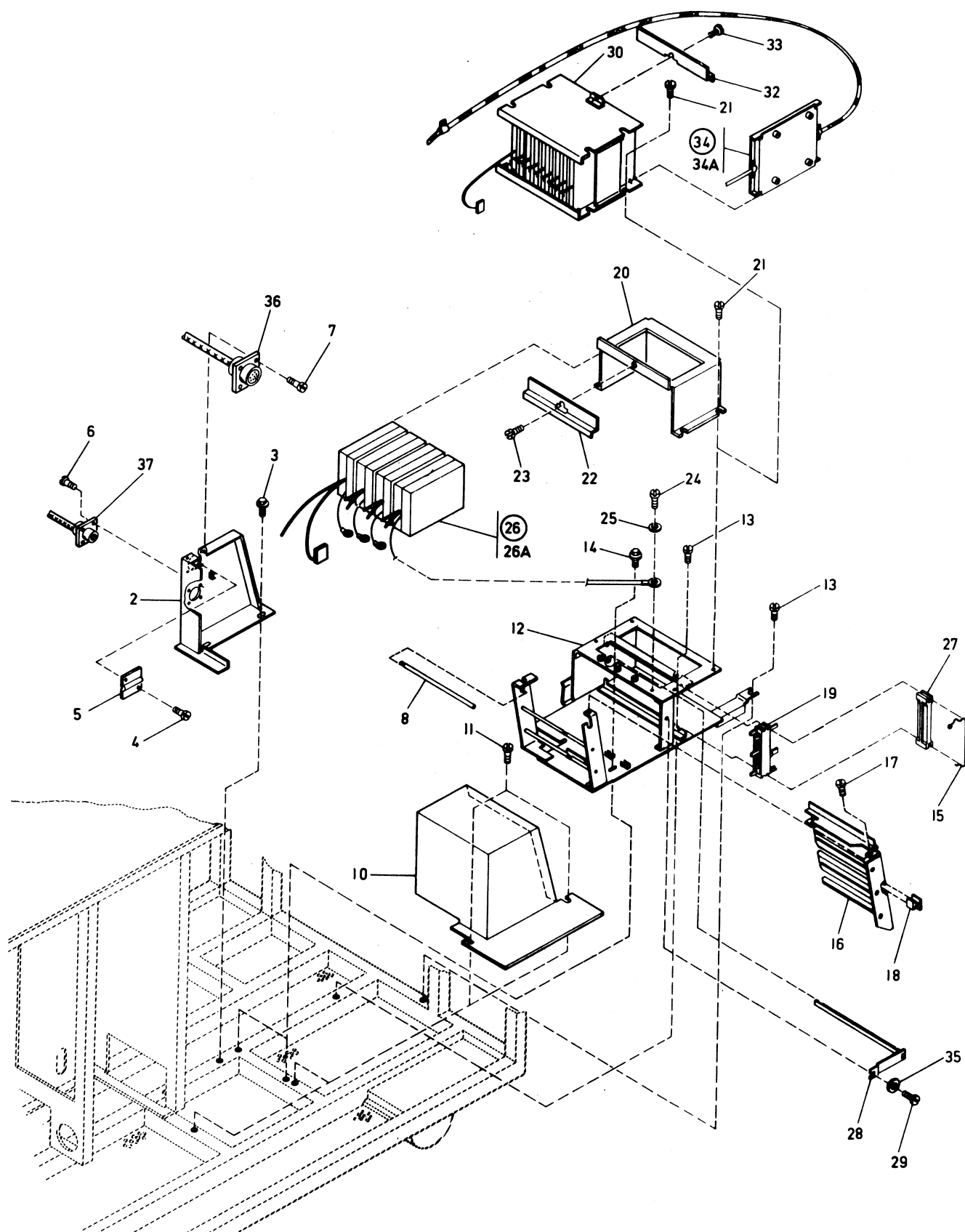


FIGURE 3A. TAILGATE ASSEMBLY,01E

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			TAILGATE ASSEMBLY,01E			
3A-	NO NO.	REF	TAILGATE ASM,01E			
- 2	8483561	1	FOR NEXT HIGHER ASM SEE FIGURE 3			
- 3	1621811	2	• BRACKET CONN MTG			
- 4	1621170	2	• SCREW,THRD FORM,HEX HD,M4, 10MM LG			
- 5	8483563	1	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 6	1621170	4	• PLATE,DUMMY			
- 7	1621170	4	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 8	8483764	1	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 10	8483562	1	• ROD			
- 11	1621210	2	• COVER			
- 12	8483762	1	• SCREW,MACH,PAN HD,M5, 10MM LG			
- 13	1621210	2	• BRACKET			
- 14	1621811	2	• SCREW,MACH,PAN HD,M5, 10MM LG			
- 15	1981182	1	• SCREW,THRD FORM,HEX HD,M4, 10MM LG			
- 16	8483763	1	• CLIP,RETAINER			
- 17	1621190	1	• BRACKET			
- 18	8483259	15	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 19	813392	1	• PLATE DUMMY			
- 20	8483099	1	• CONNECTOR ASM			
- 21	1621190	4	• BRACKET CBM,PSN			
- 22	8483164	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 23	1621190	1	• BRACKET,PSN FIXING			
- 24	1621190	4	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 25	1622346	4	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 26	8482878	AR	• WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
- 26A	8276938	1	• CABLE ASM,38 LS WT LINE PLATE			
- 26A	1734234	1	FOR COMPONENT PARTS SEE FIGURE 21 -98, -15B,-18B,-40,-50,-51,-52,-57,-67,-68, -69,-70,-71A,-77,-78,-93			
- 27	8483699	8	• . WT LINE PLATE ASM,CSU,NEW VERSION			
- 28	8483765	1	• . WT LINE PLATE ASM,OLD VERSION			
- 29	1621190	1	FOR DETAIL BREAKDOWN SEE FIGURE 21 -130			
- 30	8483570	1	• PLATE,DUMMY			
- 31	1621190	4	• RETAINER			
- 32	8483164	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 33	1621190	1	• SUPPCRT			
- 34	8482855	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 34	8482856	1	• BRACKET			
- 34A	NO NO.	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 35	2125963	1	• CABLE ASM,ACU INTERFACE,UK			
- 36	8482319	1	• CABLE ASM,DCE INTERFACE,UK			
- 37	8482899	1	FOR COMPONENT PARTS SEE FIGURE 21 -88, -20C,-20D,-21B,-41C,-42,-54A,-67,-68, -69,-70,-71A,-71G,-74,-74A,-76B,-76C,-79, -79B,-79C,-149,-150			
			• . UK LINE PLATE ASM			
			FOR DETAIL BREAKDOWN SEE FIGURE 21 -122			
			• WASHER,LCK,INT TEETH,0.168 ID,0.562 OD			
			• CABLE ASM,01A TB TO 5424 CON 01,DC COMMON			
			FOR COMPONENT PARTS SEE FIGURE 21 -1N,-13,-30			
			• CABLE ASM,01A-A2 TO OCP			
			FOR COMPONENT PARTS SEE FIGURE 21 -21B, -30A,-41D,-82,-83			

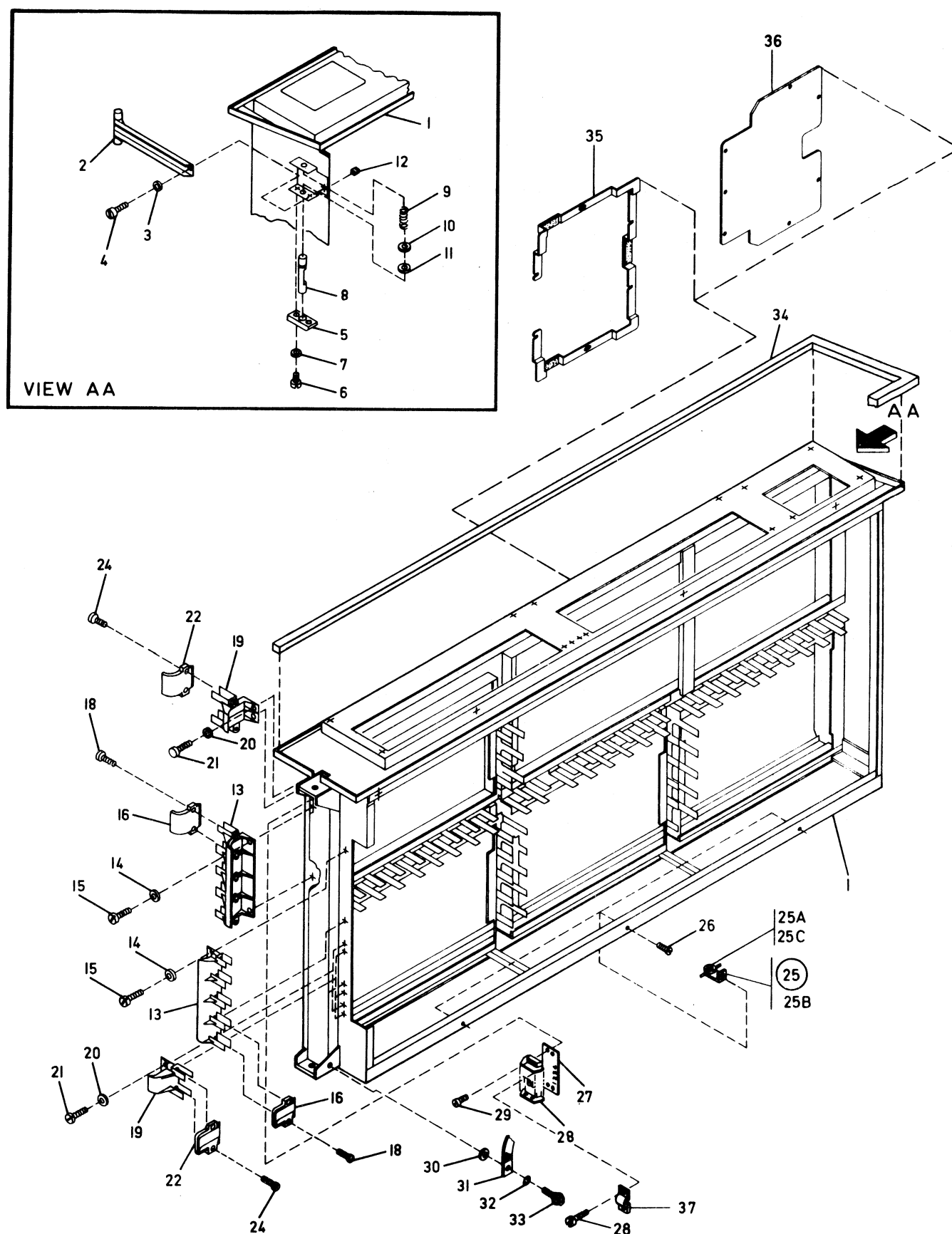


FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			GATE ASSEMBLY, 01A			
4 -	8483500	REF	GATE ASM, 01A FOR NEXT HIGHER ASM SEE FIGURE 2			
- 1	8483502	1	. GATE 01A			
- 2	8483503	1	. HANDLE			
- 3	8483504	1	. HUB			
- 4	1621212	1	. SCREW, MACH, PAN HD, M5, 16MM LG			
- 5	8483091	1	. SLIDE			
- 6	1621060	2	. SCREW, MACH, CHEESE HD, M4, 8MM LG			
- 7	1622318	2	. WASHER, LCK, SPRING, 4.1MM ID, 7.6MM OD			
- 8	8483089	1	. SHAFT			
- 9	2181052	1	. SPRING			
- 10	161351	1	. WASHER, FL, 0.33 ID, 0.625 OD, 0.05 THK			
- 11	251015	1	. CLIP			
- 12	1622404	1	. NUT, HEX, M5, 8MM FL W			
- 13	1783931	2	. BACK PLATE, 4 POS			
- 14	2125963	4	. WASHER, LCK, INT TEETH, 0.168 ID, 0.562 OD			
- 15	1621190	4	. SCREW, MACH, PAN HD, M4, 8MM LG			
- 16	1783933	5	. FRONT PLATE			
- 18	332560	10	. SCREW, CAP, HEX SOC HD, 8-32, 1.25 LG			
- 19	1783932	4	. BACK PLATE, 1 POS			
- 20	2125963	8	. WASHER, LCK, INT TEETH, 0.168 ID, 0.562 OD			
- 21	1621190	8	. SCREW, MACH, PAN HD, M4, 8MM LG			
- 22	1783933	4	. FRONT PLATE			
- 24	332560	8	. SCREW, CAP, HEX SOC HD, 8-32, 1.25 LG			
- 25	8483716	3	. THERMO SWITCH ASM			
- 25A	5501993	1	. . THERMO SWITCH, N/C, 122 DEG F			
- 25B	8483717	1	. . BRACKET			
- 25C	5501997	1	. . CLIP			
- 26	1621286	3	. SCREW, MACH, FL HD, M3, 8MM LG			
- 27	322271	1	. MARKER STRIP			
- 28	91469	1	. USED ON MACH WITH 5424 ATTACH ONLY			
- 29	1621193	2	. TERMINAL BLOCK, 4 POS			
- 30	1622347	1	. USED ON MACH WITH 5424 ATTACH ONLY			
- 31	2101376	1	. SCREW, MACH, PAN HD, M4, 16MM LG			
- 32	2125974	1	. USED ON MACH WITH 5424 ATTACH ONLY			
- 33	2549782	1	. WASHER, LCK, EXT ST, 5.3MM ID, 10MM OD			
- 34	596756	1	. STRAP, GROUND			
- 35	2733492	1	. WASHER, LCK, INT TEETH, 0.2 ID, 0.562 OD			
- 35	2733490	2	. SCREW, THRD FORM, HEX WSHR HD, M5, 10MM LG			
- 36	4138581	1	. SEAL, FOAM, 3000MM LG			
- 36	4138580	1	. CLAMP, FDS, PU BOARD (HALF)			
- 37	730468	1	. USED ON MOD 1 ONLY			
			. CLAMP, FDS, PU BOARD (FULL)			
			. USED ON MOD 2 ONLY			
			. COVER ASM, PU BOARD (HALF)			
			. USED ON MOD 1 ONLY			
			. COVER ASM, PU BOARD (FULL)			
			. USED ON MOD 2 ONLY			
			. JUMPER			
			. USED ON MACH WITH 5424 ATTACH ONLY			

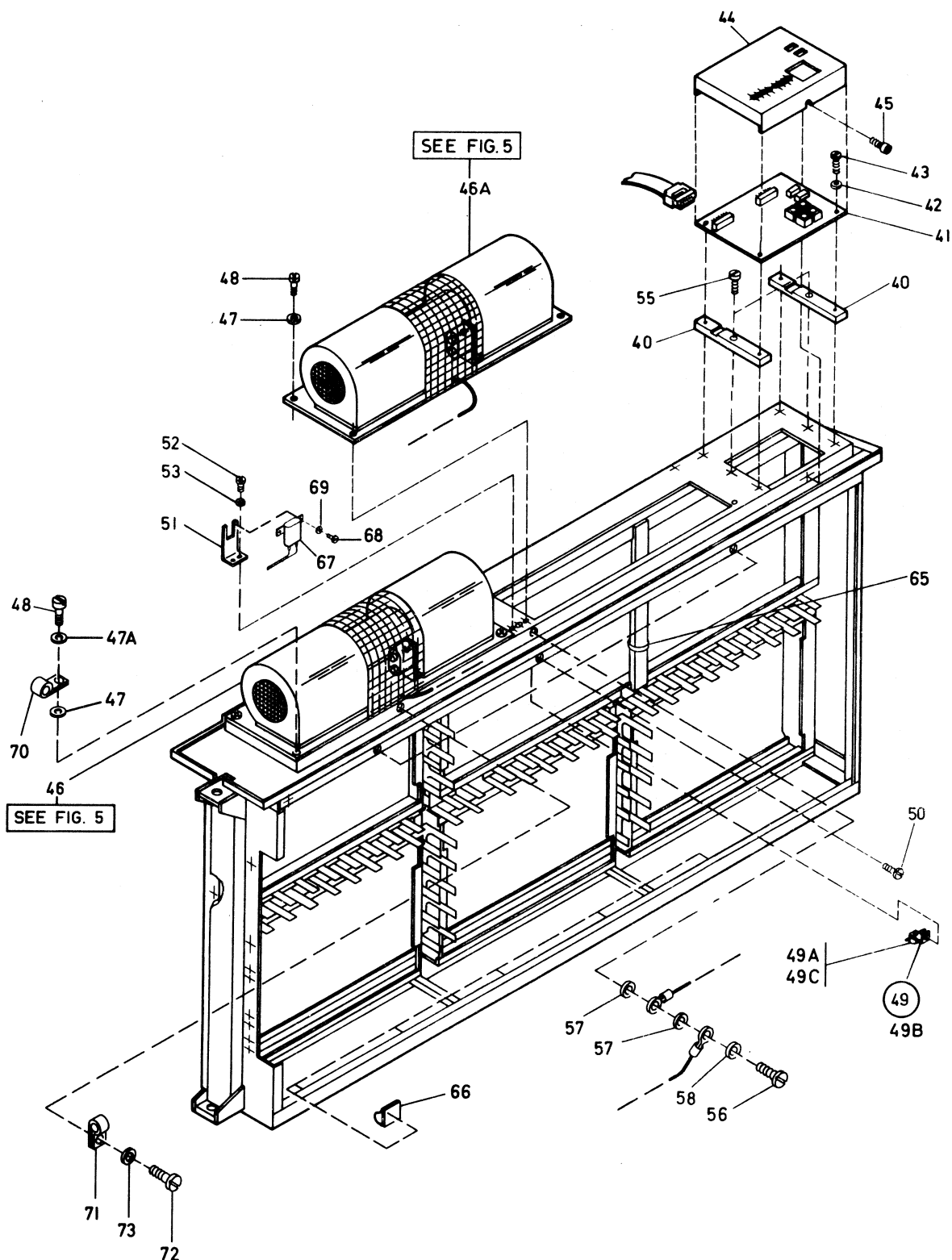


FIGURE 4. GATE ASSEMBLY, 01A (SHEET 2 OF 6, INDEX NO. 40 THRU 73)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	1 2 3 4	DESCRIPTION
4 - 40	8483505	2		• SPACER
- 41	8483701	1		• FRU CE-PANEL ASM
- 42	1622302	4		• WASHER,FL,3.2MM ID,7MM OD,0.5MM THK
- 43	1621174	4		• SCREW,MACH,PAN HD,M3, 16MM LG
- 44	8483700	1		• HOUSING
- 45	1621190	2		• SCREW,MACH,PAN HD,M4, 8MM LG
- 46	4123908	1		• FRU COOLING ASM,50 HZ,DUPLEX 1
- 46	4123909	1		• FRU COOLING ASM,60 HZ,DUPLEX 1
- 46A	4123908	1		FOR DETAIL BREAKDOWN SEE FIGURE 5
- 46A	4123909	1		• FRU COOLING ASM,50 HZ,DUPLEX 1
- 46A	4123909	1		USED ON PDL 4,MOD 1 MACH ONLY
- 46A	5578671	1		• FRU COOLING ASM,60 HZ,DUPLEX 1
- 46A	5578671	1		USED ON PDL 4,MOD 1 MACH ONLY
- 46A	5578672	1		• FRU COOLING ASM,50 HZ,DUPLEX 2
- 46A	5578672	1		USED ON PDL 5 AND/OR MOD 2 MACH ONLY
- 46A	5578672	1		• FRU COOLING ASM,60 HZ,DUPLEX 2
- 46A	5578672	1		USED ON PDL 5 AND/OR MOD 2 MACH ONLY
- 46A	5578672	1		FOR DETAIL BREAKDOWN SEE FIGURE 5
- 47	2125963	8		• WASHER,LCK,INT TEETH,0.172 ID,0.562 OD
- 47A	1622304	1		• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK
- 48	1621194	8		• SCREW,MACH,PAN HD,M4, 20MM LG
- 49	8483714	3		• THERMO SWITCH ASM
- 49A	5501993	1		• THERMO SWITCH,N/C,122 DEG F
- 49B	8483715	1		• BRACKET
- 49C	5501997	1		• CLIP
- 50	1621286	3		• SCREW,MACH,FL HD,M3, 8MM LG
- 51	8483729	1		• BRACKET,THERM SWITCH
- 52	1621171	2		• SCREW,MACH,PAN HD,M3, 8MM LG
- 53	2125697	2		• WASHER,LCK,INT TEETH,3MM ID,14.3MM OD
- 55	1621170	2		• SCREW,MACH,PAN HD,M3, 6MM LG
- 56	1621172	1		• SCREW,MACH,PAN HD,M3, 10MM LG
- 57	1622346	2		• WASHER,LCK,EXT ST,4.3MM ID,8MM OD
- 58	1622302	1		• WASHER,FL,3.2MM ID,7MM OD,0.5MM THK
- 65	524519	2		• CABLE TIE
- 66	2596275	5		• CLAMP,CABLE,4.6MM ID
- 67	8482896	1		• CABLE ASM,01A-A2YA TO SENSE
- 67	8482896	1		FOR COMPONENT PARTS SEE FIGURE 21 -8,
- 67	8482896	1		-20A,-21C,-42A,-54B,-55C,-60,-60B,-61,
- 67	8482896	1		-61C,-63,-99,-149,-150
- 68	1621170	2		• SCREW,MACH,PAN HD,M3, 6MM LG
- 69	1622316	2		• WASHER,LCK,SPRING,3.1MM ID,6.2MM OD
- 70	2102365	1		• CLAMP,LOOP,0.33 ID,0.17 DIA MTG HOLE
- 71	303516	2		• CLAMP,LOOP,0.625 ID,0.2 DIA MTG HOLE
- 72	1621172	2		• SCREW,MACH,PAN HD,M3, 10MM LG
- 73	1622302	2		• WASHER,FL,3.2MM ID,7MM OD,0.5MM THK

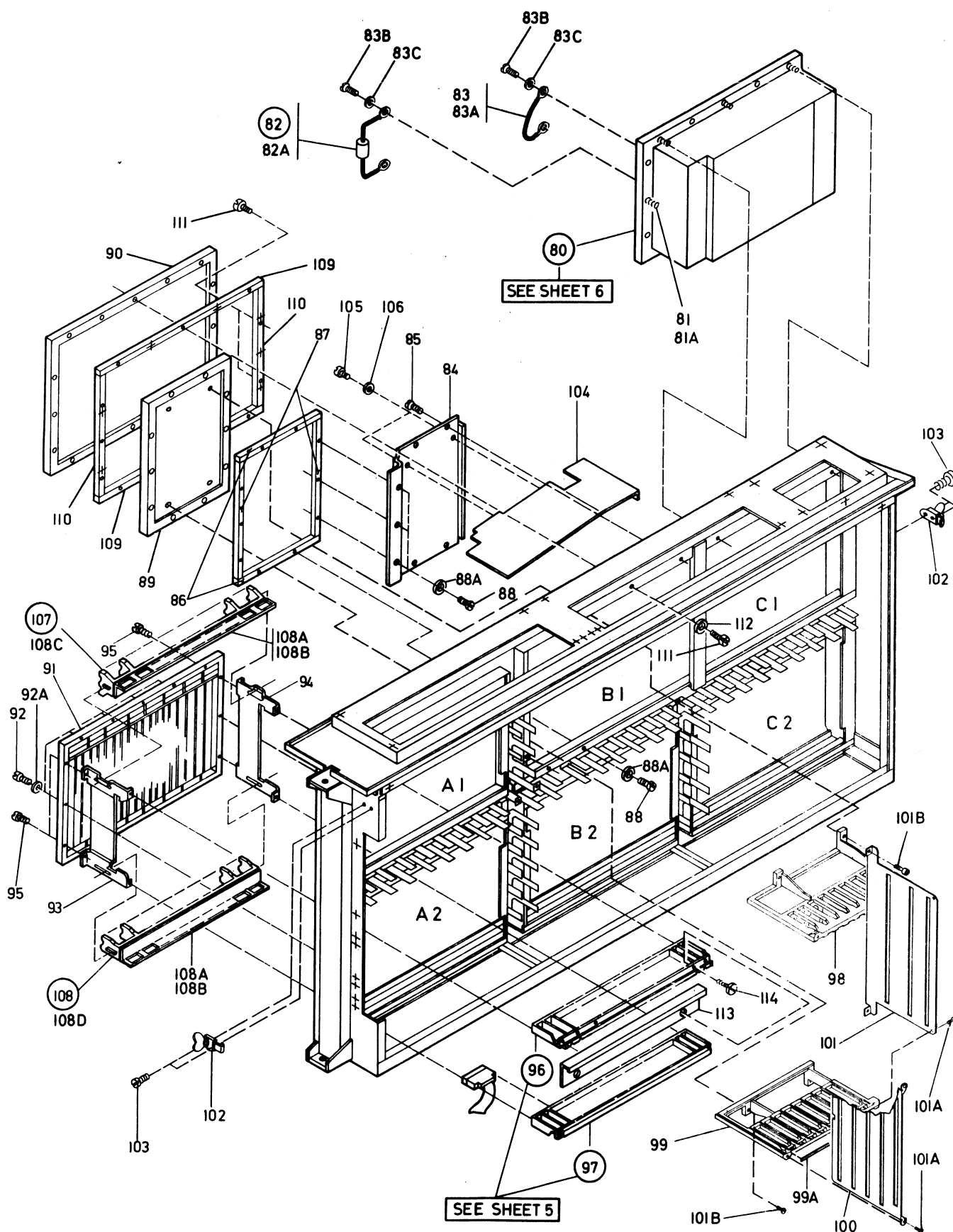


FIGURE 4. GATE ASSEMBLY, 01A (SHEET 3 OF 6, INDEX NO. 80 THRU 114)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
4 - 80	8481005	1	• FRU IPS GROUP,BASIC,01A-C1 FOR DETAIL BREAKDOWN SEE FIGURE 4 SHEET 6			
- 81	4138473	8	• . SCREW,SHOULDER,M3.5			
- 81A	1177332	8	• . RETAINING RING			
- 82	8482885	1	• RESISTOR ASM FOR COMPONENT PARTS SEE FIGURE 21 -1S,-40			
- 82A	194579	1	• . RESISTOR,FXD WM,40 OHMS,P/M5%,10W			
- 83	5239162	1	• JUMPER ASM,8.5 LG FOR COMPONENT PARTS SEE FIGURE 21 -1N,-40			
- 83A	5759191	2	• JUMPER ASM,6.5 LG FOR COMPONENT PARTS SEE FIGURE 21 -1H,-40			
- 83B	1621191	AR	• SCREW,MACH,PAN HD,M4, 10MM LG			
- 83C	1622304	AR	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 84	8483067	1	• ADAPTER,MOD 1 ONLY			
- 85	1621181	4	• SCREW,MACH,PAN HD,M3.5, 6MM LG			
- 86	8483538	2	• SPACER,HORIZONTAL,MOD 1 ONLY			
- 87	8483539	2	• SPACER,VERTICAL,MOD 1 ONLY			
- 88	1621181	10	• SCREW,MACH,PAN HD,M3.5, 6MM LG			
- 88A	1622317	10	• WASHER,LCK,SPRING,3.6MM ID,6.7MM OD,0.8MM THK			
- 89	NO NO.	1	• HALF BOARD,01A-B1,PU,MOD 1 ONLY			
- 90	NO NO.	1	• FULL BOARD,01A-B1,PU,MOD 2 ONLY			
- 91	NO NO.	AR	• 22 POS BOARD,01A-A1,A2,B2,C2			
- 92	2457745	AR	• SCREW,THRD FORM,HEX SOC HD,6-32, 25.4MM LG			
- 92A	22066	AR	• WASHER,FL,0.14 ID,0.28 OD,0.025 THK			
- 93	8483587	AR	• AIR BAFFLE			
- 94	8483588	AR	• AIR BAFFLE			
- 95	1621175	AR	• SCREW,MACH,PAN HD,M3, 20MM LG			
- 96	8483580	AR	• GUIDE ASM,UPPER FOR DETAIL BREAKDOWN SEE FIGURE 4 SHEET 5			
- 97	8483581	AR	• GUIDE ASM,LOWER FOR DETAIL BREAKDOWN SEE FIGURE 4 SHEET 5			
- 98	4138531	1	• CARD GUIDE,UPPER,PU BOARD (HALF),MOD 1 ONLY			
- 98	4138523	1	• CARD GUIDE,UPPER,PU BOARD (FULL),MOD 2 ONLY			
- 99	4138546	1	• CARD GUIDE,LOWER,PU BOARD (HALF),MOD 1 ONLY			
- 99	4138523	1	• CARD GUIDE,LOWER,PU BOARD (FULL),MOD 2 ONLY			
- 99A	4138559	2	• MARKER STRIP,MOD 2 ONLY			
-100	4138547	1	• TIE PLATE,PU BOARD (HALF),MOD 1 ONLY			
-100	4138524	1	• PLATE,PU BOARD (FULL),LH,MOD 2 ONLY			
-101	4138579	1	• BAFFLE PLATE,PU BOARD (HALF),MOD 1 ONLY			
-101	4138524	1	• PLATE,PU BOARD (FULL),RH,MOD 2 ONLY			
-101A	1621170	4	• SCREW,MACH,PAN HD,M3, 6MM LG			
-101B	2360072	AR	• SCREW,CAP,FLUT SOC HD,M3.5			
-102	5349888	2	• LATCH			
-103	1621170	4	• SCREW,MACH,PAN HD,M3, 6MM LG			
-104	8483542	1	• AIR BAFFLE,MOD 1 ONLY			
-105	1621171	2	• SCREW,MACH,PAN HD,M3, 8MM LG			
-106	2125697	2	• WASHER,LCK,INT EXT TEETH,3MM ID,14.3MM OD			
-107	8483584	1	• RETAINER ASM,UPPER			
-108	8483586	1	• RETAINER ASM,LOWER			
-108A	8483548	1	• . BRACKET			
-108B	1621170	4	• . SCREW,MACH,PAN HD,M3, 6MM LG			
-108C	8483583	1	• . RETAINER,UPPER			
-108D	8483585	1	• . RETAINER,LOWER			
-109	8483702	2	• SPACER,HORIZONTAL,MOD 2 ONLY			
-110	8483539	2	• SPACER,VERTICAL,MOD 2 ONLY			
-111	1621181	11	• SCREW,MACH,PAN HD,M3.5, 6MM LG USED ON MOD 2 ONLY			
-112	1622317	9	• WASHER,LCK,SPRING,3.6MM ID,6.7MM OD,0.8MM THK USED ON MOD 2 ONLY			
-113	8483513	1	• RACEWAY,MOD 2 ONLY			
-114	1621170	2	• SCREW,MACH,PAN HD,M3, 6MM LG USED ON MOD 2 ONLY			

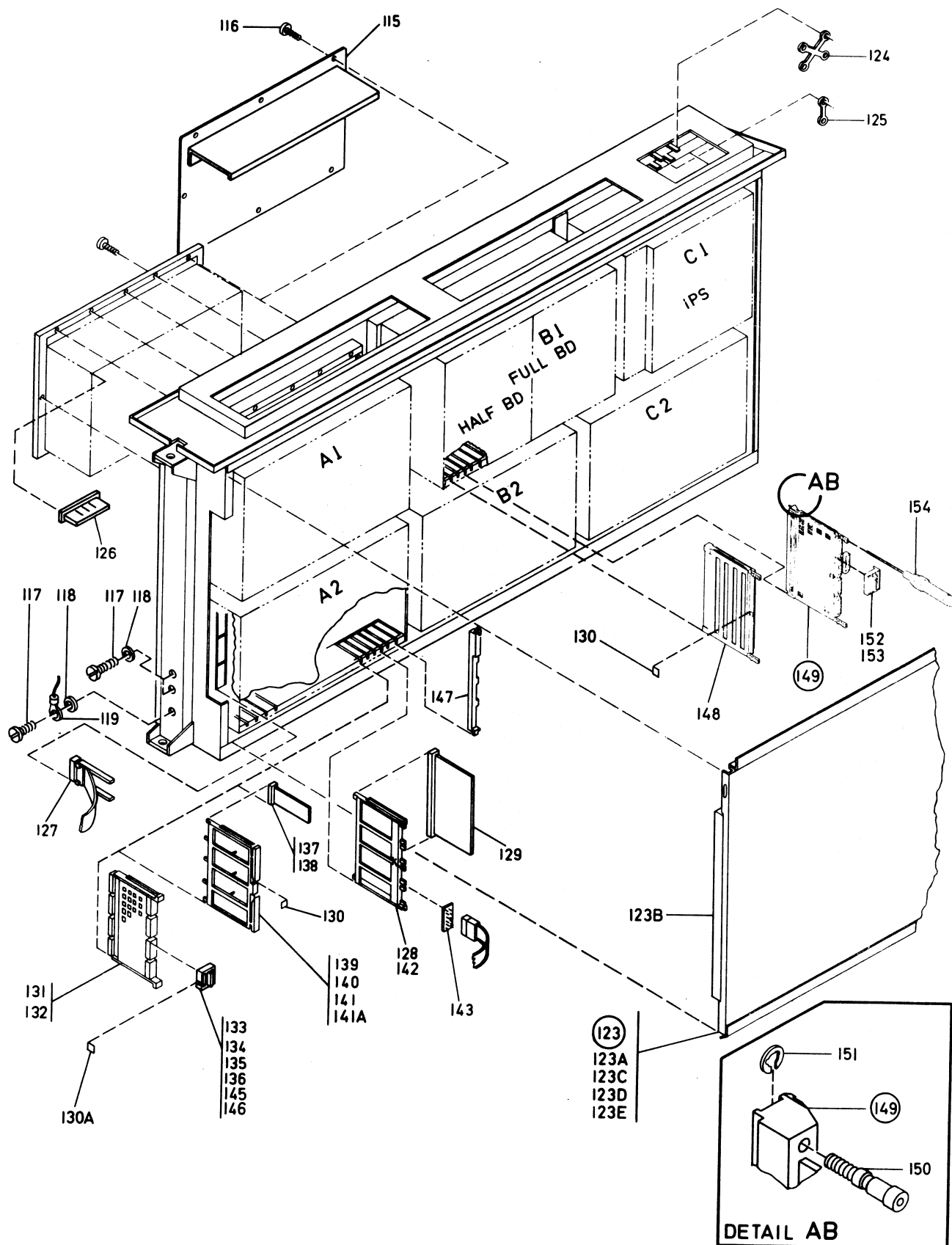


FIGURE 4. GATE ASSEMBLY, 01A (SHEET 4 OF 6, INDEX NO. 115 THRU 154)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
4 -115	8483530	AR	• DUMMY PLATE (W/O AIR BAFFLE),MOD 1			
-115	8483924	AR	• DUMMY PLATE (WITH AIR BAFFLE),MOD 2			
-116	811417	AR	• SCREW,SELF TAP,HEX SOC HD,6-32, 0.5 LG			
-117	1621811	3	• SCREW,THRD FORM,HEX HD,M4, 10MM LG			
-118	1622346	3	• WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
-119	8482893	AR	• CABLE ASM,DISKETTE TO BOARD,SIGNAL,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -1M, -8B,-18B,-18C,-20A,-41D,-46,-49,-50, -51,-52,-61,-82,-83			
-119	8482936	AR	• CABLE ASM,DISK TO PS 104, 01A-A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-1M, -18B,-18C,-21D,-41D,-46,-49,-50,-51,-52, -61,-82,-83,-149,-150			
-123	8483536	1	• COVER ASM,PDL 4,MOD 1			
-123	8483923	1	• COVER ASM,PDL 5 AND/OR MOD 2			
-123A	8483532	5	• . SEAL,FOAM,358MM X 190MM X 6.4MM			
-123B	8483535	1	• . SEAL,FOAM,385MM X 30MM X 30MM			
-123C	8483786	1	• . INSULATION,280MM X 280MM X 0.3MM			
-123D	8483921	1	• . SEAL,FOAM,358MM X 160MM X 13MM USED ON ASM 8483923 ONLY			
-123E	8483525	1	• . COVER			
-124	813519	AR	CABLE RETAINER			
-125	811427	AR	CABLE STRAP			
-126	8483816	AR	DUMMY CARD,1HI,2W,BOARD A1 ONLY			
-127	819411	AR	CARD EXTENDER			
-128	819582	AR	CARD HOLDER,PWR CTR CD,3HI,4W			
-129	819632	AR	DUMMY CARD,3HI,4W			
-130	818579	AR	LABEL,MARKER			
-130A	815688	AR	LABEL,MARKER			
-131	2766708	AR	CARD HOLDER(TOP CON),3HI,2X2W			
-132	2766709	AR	CARD HCLDER(TOP CON),3HI,4W			
-133	2633938	AR	CARD CROSSOVER,2 POS			
-134	4134831	AR	CARD CROSSOVER,3 POS			
-135	2732453	AR	CARD CROSSOVER,4 POS			
-136	8483399	AR	CARD CROSSOVER,1 POS			
-137	819412	AR	DUMMY CARD,3HI,1W			
-138	816983	AR	DUMMY CARD,3HI,2W			
-139	819407	AR	CARD HOLDER,3HI,4X1W			
-140	818002	AR	CARD HCLDER,3HI,2X2W			
-141	819408	AR	CARD HOLDER,3HI,4W			
-141A	819579	AR	CARD HOLDER,2HI,2W			
-142	2766737	AR	CARD HOLDER,2HI,4W			
-143	5997533	AR	INTERPOSER,1 POS			
-145	8482113	AR	CARD CROSSOVER,3 POS,W2,PC			
-146	8482118	AR	CARD CROSSOVER,3 POS,X3,PC			
-147	8483547	AR	BRACKET ASM USED ON BOARD A2 AND B2,POS X ONLY			
-148	4138564	AR	DUMMY CARD,PU BOARD			
-149	4138519	AR	CARD HOLDER,PU BOARD			
-150	4138473	2	• SCREW,CAPTIVE,HEX SOC HD,M3.5, 17.8MM LG			
-151	1177332	2	• RETAINING RING,2.5MM ID,5.2MM OD,0.4MM THK			
-152	4138533	AR	TOP CARD CROSS CONN,2 POS,6 GRD,PU BOARD			
-153	4138616	AR	TOP CARD CROSS CONN,3 POS,PU BOARD USED ON MOD 2 ONLY			
-154	4134750	AR	ACTUATOR TOOL,PU BOARD			

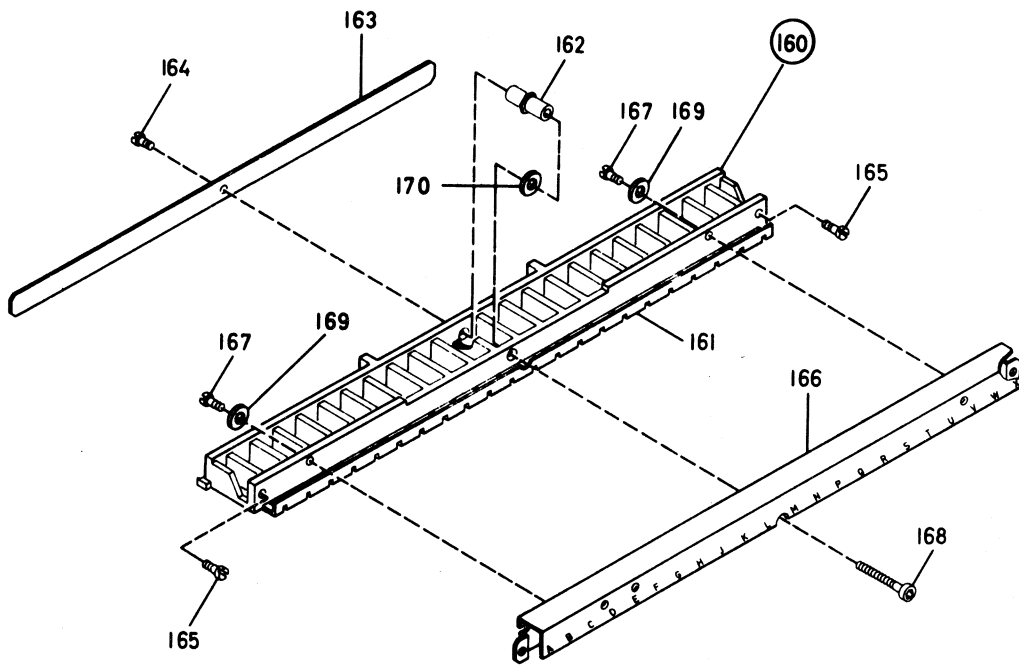


FIGURE 4. GATE ASSEMBLY,01A (SHEET 5 OF 6,INDEX NO. 160 THRU 170)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
4 -160	8483580	AR	• GUIDE ASM,UPPER			
-160	8483581	AR	• GUIDE ASM,LOWER			
-161	8483578	1	• • GUIDE			
-162	8483549	1	• • BUSHING			
-163	8483579	1	• • SPRING PLATE			
-164	1621307	1	• • SCREW,MACH,FL HD,M4, 6MM LG			
-165	1621492	2	• • SCREW,CAP,SOC HD,M3, 6MM LG			
-166	8483590	1	• • BRACKET,UPPER			
-166	8483589	1	• • BRACKET,LOWER			
-167	1621171	2	• • SCREW,MACH,PAN HD,M3, 8MM LG			
-168	8483582	1	• • SCREW,CAP,SOC HD,M4, 30MM LG			
-169	1622316	2	• • WASHER,LCK,SPRING,3.1MM ID,6.2MM OD			
-170	816649	1	• • RETAINER,POLYETHYLENE			

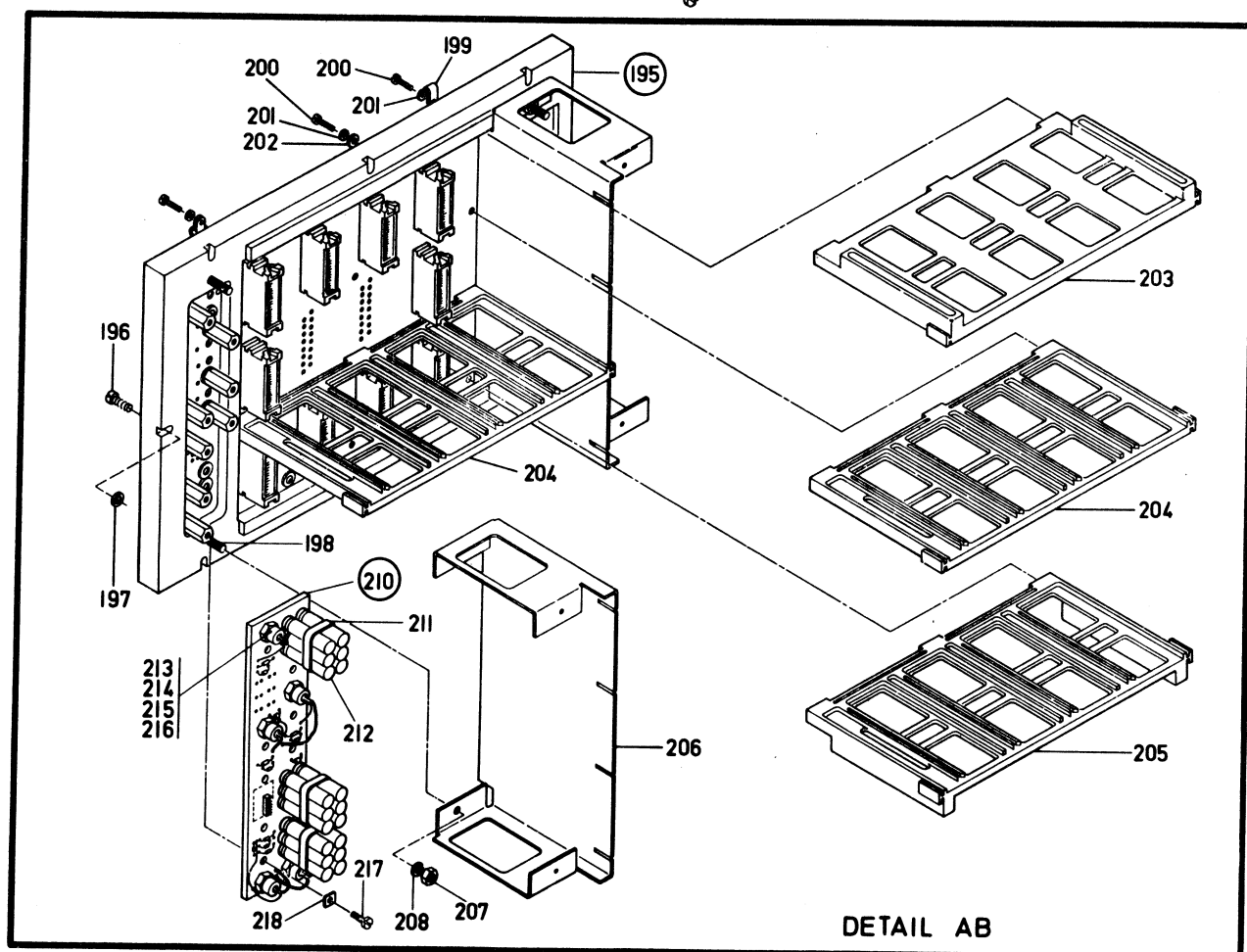
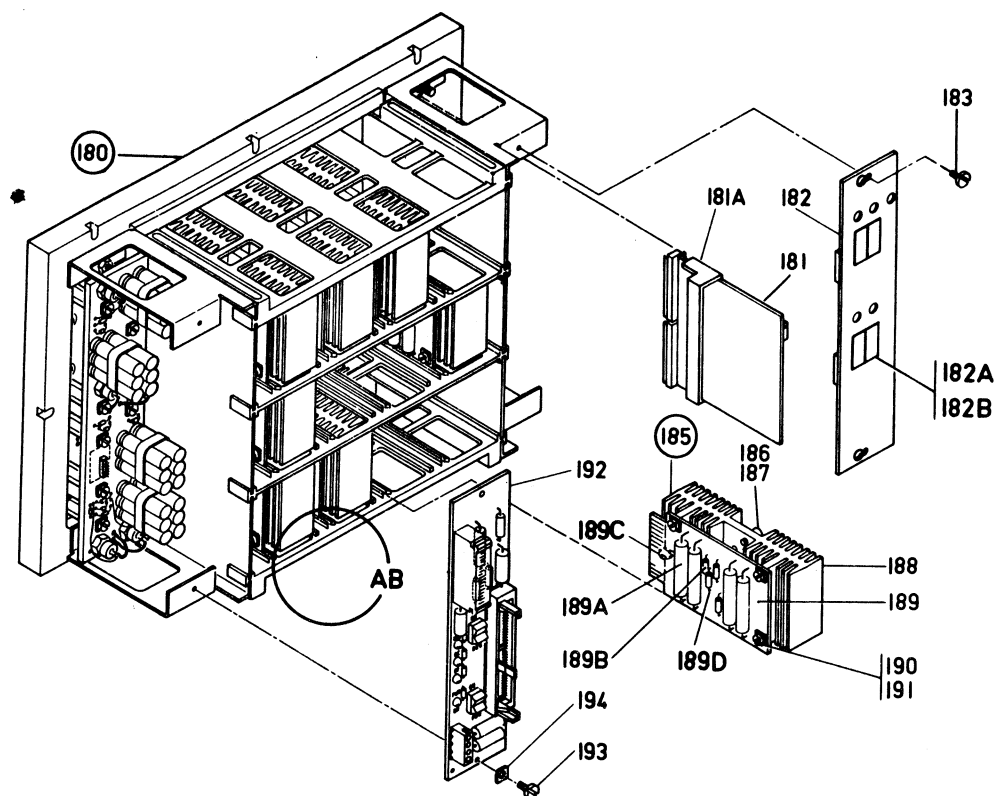


FIGURE 4. GATE ASSEMBLY,01A (SHEET 6 OF 6, INDEX NO. 180 THRU 218)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
4 -180	8481005	1	.	FRU	IPS GROUP,BASIC	
-181	XXXXXXX	4	.	FRU	CONTROL CARD ASM	
			.		REFER TO PLUG LIST PC 110 FOR FIELD REPLACEMENT	
-181A	811804	4	.	GUIDE,CARD,DBL,12	PAC	
-182	5576245	1	.	CARD	RETAINER ASM	
-182A	317296	1	.	LABEL,1	THRU 33	
-182B	598381	1	.	LABEL,A	THRU Z	
-183	1621192	2	.	SCREW,MACH,PAN	HD,M4, 12MM LG	
-185	XXXXXXX	AR	.	FRU	CARD ASM,POWER MODULE	
			.		REFER TO PLUG LIST PC 110 FOR FIELD REPLACEMENT	
-186	5576255	2	.	TRANSISTOR	ASM	
-187	1621183	4	.	SCREW,MACH,PAN	HD,M3.5, 10MM LG	
-188	5576224	1	.	HEATSINK		
-189	1310341	1	.	RAW	CARD	
-189A	2396478	4	.	RESISTOR,FXD,WW,0.36	OHMS,P/M1%,10W	
-189B	595359	2	.	RESISTOR,FXD,COMP,100	OHMS,P/M5%,0.25W	
-189C	5301517	2	.	RESISTOR,FXD,10	OHMS,P/M5%,0.25W	
-189D	124555	2	.	CAPACITOR,TANT,0.1	MFD,P/M5%,35 VDCW	
-190	1621183	3	.	SCREW,MACH,PAN	HD,M3.5, 10MM LG	
-191	2125765	3	.	WASHER,LCK,INT	TEETH,3.6MM ID,14.3MM OD	
-192	XXXXXXX	1	.	FRU	CARD ASM,TEST STATION	
			.		REFER TO PLUG LIST PC 110 FOR FIELD REPLACEMENT	
-193	1621190	2	.	SCREW,MACH,PAN	HD,M4, 8MM LG	
-194	2125963	2	.	WASHER,LCK,INT	TEETH,4.3MM ID,14.3MM OD	
-195	4432603	1	.	FRU	POWER CONTROL BOARD AND STIFFENER ASM	
-196	4138473	8	.	SCREW,SHOULDER,M3.5		
-197	1177332	8	.	RETAINING	RING	
-198	1621596	4	.	SCREW,CAP,HEX	HD,M6, 16MM LG	
-199	534768	6	.	CLAMP,LOOP,9.65MM	ID,5.2MM DIA MTG HOLE	
-200	1621211	12	.	SCREW,MACH,PAN	HD,M5, 12MM LG	
-201	1622305	12	.	WASHER,FL,5.5MM	ID,10MM OD,1MM THK	
-202	5576199	6	.	WASHER,FL,SPACER		
-203	5576264	1	.	CARD	SUPPORT,HORIZ,TOP	
-204	5576265	2	.	CARD	SUPPORT,HORIZ,CENTER	
-205	5576266	1	.	CARD	SUPPORT,HORIZ,BOTTOM	
-206	5576267	2	.	CARD	SUPPORT,VERTICAL	
-207	1622405	4	.	NUT,HEX,M6, 10MM	FL W	
-208	1622320	4	.	WASHER,LCK,SPRING,6.1MM	ID,11.8MM OD	
-210	XXXXXXX	1	.	FRU	CRCWBAR/SENSE CARD ASM	
			.		REFER TO PLUG LIST PC 110 FOR FIELD REPLACEMENT	
-211	524519	4	.	CABLE	TIE	
-212	816933	24	.	CAPACITOR,1000	MFD,8V	
-213	5214335	5	.	RECTIFIER,SEMICONDUCTOR,SILICON		
-214	160017	5	.	NUT,HEX,1.25-28, 0.437	FL W	
-215	65756	5	.	WASHER,LCK,INT	TEETH,0.256 ID,0.478 OD	
-216	3550	5	.	WASHER,FL,0.265	ID,0.562 OD,0.05 THK	
-217	1621192	8	.	SCREW,MACH,PAN	HD,M4, 12MM LG	
-218	2125963	8	.	WASHER,LCK,INT	TEETH,4.3MM ID,14.3MM OD	

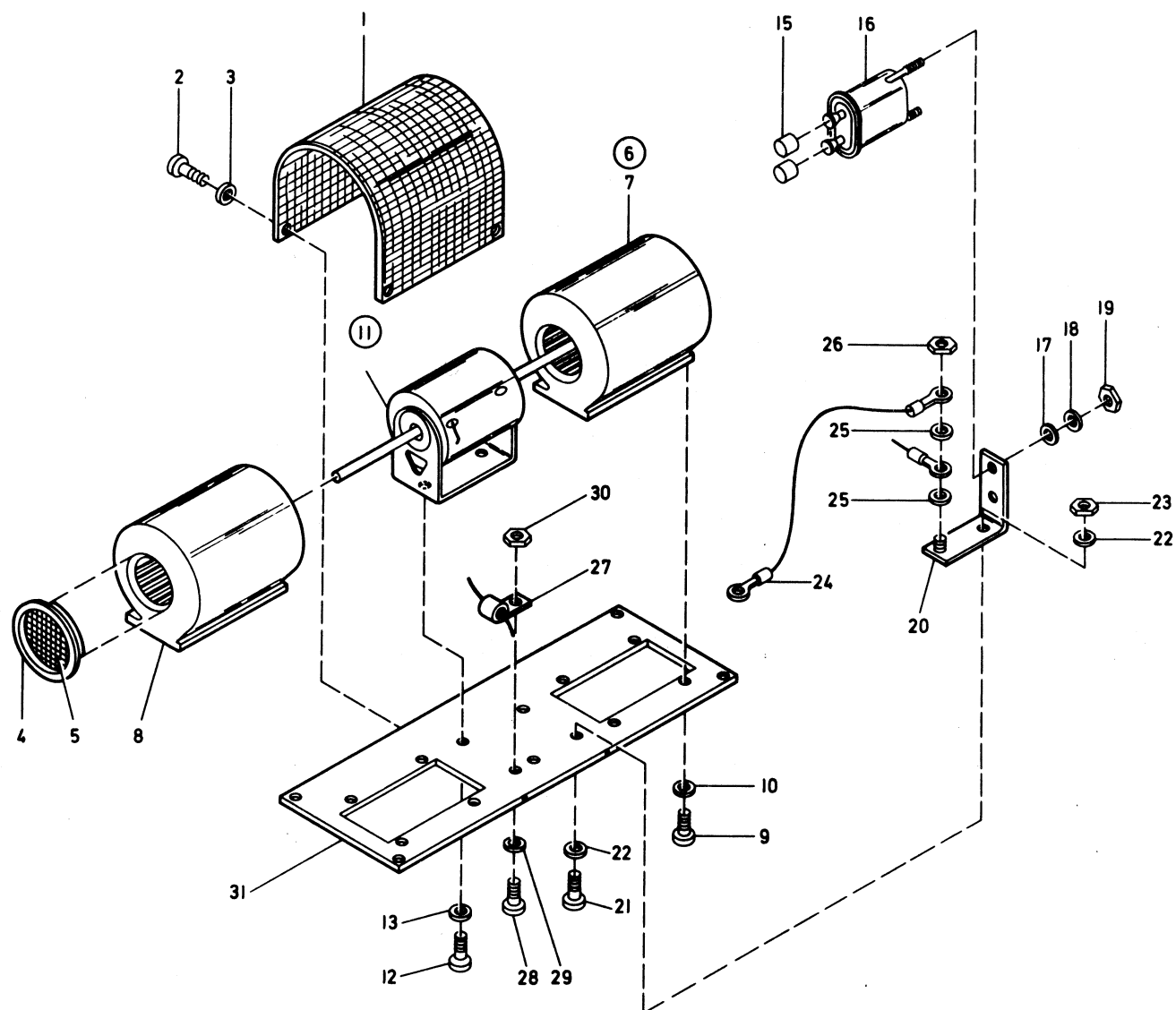


FIGURE 5. COOLING ASSEMBLY, SUPER DUPLEX, GATE 01A

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
			1 2 3 4
			COOLING ASSEMBLIES,SUPER DUPLEX,GATE 01A
5 -	4123908	REF	FRU COOLING ASM,50 HZ,DUPLEX 1
-	4123909	REF	FRU COOLING ASM,60 HZ,DUPLEX 1
-	5578671	REF	FRU COOLING ASM,50 HZ,DUPLEX 2
-	5578672	REF	FRU COOLING ASM,60 HZ,DUPLEX 2
			FOR NEXT HIGHER ASM SEE FIGURE 4
- 1	5578663	1	. SCREEN,SAFETY
- 2	1621846	4	. SCREW,THRD FORM,PAN HD,M3, 10MM LG
- 3	1622304	4	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK
- 4	5578511	2	. HUB
- 5	5578512	2	. SCREEN
- 6	4123907	1	. BLOWER ASM,50 HZ,DUPLEX 1
- 6	4123906	1	. BLOWER ASM,60 HZ,DUPLEX 1
- 6	4123905	1	. BLOWER ASM,50 HZ,DUPLEX 2
- 6	4123904	1	. BLOWER ASM,60 HZ,DUPLEX 2
- 7	2561584	1	. . SCROLL AND WHEEL ASM,RH,50 HZ,DUPLEX 1
- 7	5468388	1	. . SCROLL AND WHEEL ASM,RH,60 HZ,DUPLEX 1
- 7	1574353	1	. . SCROLL AND WHEEL ASM,RH,50 HZ,DUPLEX 2
- 7	2561584	1	. . SCROLL AND WHEEL ASM,RH,60 HZ,DUPLEX 2
- 8	2561585	1	. . SCROLL AND WHEEL ASM,LH,50 HZ,DUPLEX 1
- 8	5468387	1	. . SCROLL AND WHEEL ASM,LH,60 HZ,DUPLEX 1
- 8	1574352	1	. . SCROLL AND WHEEL ASM,LH,50 HZ,DUPLEX 2
- 8	2561585	1	. . SCROLL AND WHEEL ASM,LH,60 HZ,DUPLEX 2
- 9	322065	8	. . SCREW,MACH,BIND HD,6-32, 0.625 LG
- 10	56722	8	. . WASHER,LOCK,EXT TEETH,0.141 ID,0.32 OD
- 11	4109448	1	. . MOTOR ASM,50 HZ,DUPLEX 1
- 11	4109447	1	. . MOTOR ASM,60 HZ,DUPLEX 1
- 11	4109449	1	. . MOTOR ASM,50/60 HZ,DUPLEX 2
			FOR COMPONENT PARTS SEE FIGURE 21 -1E,
			-20,-62A,-64
- 12	5677	2	. . SCREW,MACH,BIND HD,10-32, 0.75 LG
- 13	56079	2	. . WASHER,LOCK,EXT TEETH,0.195 ID,0.41 OD
- 15	526378	2	. . INSULATOR CAP
- 16	5252824	1	. . CAPACITOR,PAPER,4 MFD P/M6%,370 VACW USED ON DUPLEX 1, 60 HZ,AND ON DUPLEX 2 BLOWER ASM
- 16	5252828	1	. . CAPACITOR,PAPER,4 MFD P/M6%,440 VACW USED ON DUPLEX 1, 50 HZ BLOWER ASM
- 17	47242	2	. . WASHER,FL,0.219 ID,0.5 OD,0.062 THK
- 18	56079	2	. . WASHER,LOCK,EXT TEETH,0.195 ID,0.41 OD
- 19	11598	2	. . NUT,PLAIN,HEX,10-32, 0.375 FL W
- 20	5468318	1	. . BRACKET
- 21	322551	2	. . SCREW,MACH,BIND HD,6-32, 0.75 LG
- 22	56722	4	. . WASHER,LOCK,EXT TEETH,0.141 ID,0.32 OD
- 23	257187	2	. . NUT,PLAIN,HEX,6-32, 0.312 FL W
- 24	5896697	1	. . JUMPER ASM,230MM LG
			FOR COMPONENT PARTS SEE FIGURE 21 -1E,-1M
- 25	56722	2	. . WASHER,LOCK,EXT TEETH,0.141 ID,0.32 OD
- 26	257187	1	. . NUT,PLAIN,HEX,6-32, 0.312 FL W
- 27	804109	1	. . CLAMP,CABLE,LOOP,0.38 ID,0.17 DIA MTG HOLE
- 28	322551	1	. . SCREW,MACH,BIND HD,6-32, 0.75 LG
- 29	56722	1	. . WASHER,LOCK,EXT TEETH,0.141 ID,0.32 OD
- 30	257187	1	. . NUT,PLAIN,HEX,6-32, 0.312 FL W
- 31	4123903	1	. . BASEPLATE
- 31	4056221	1	. . BASEPLATE,50 HZ,SUB PART ON MAINZ MACH ONLY

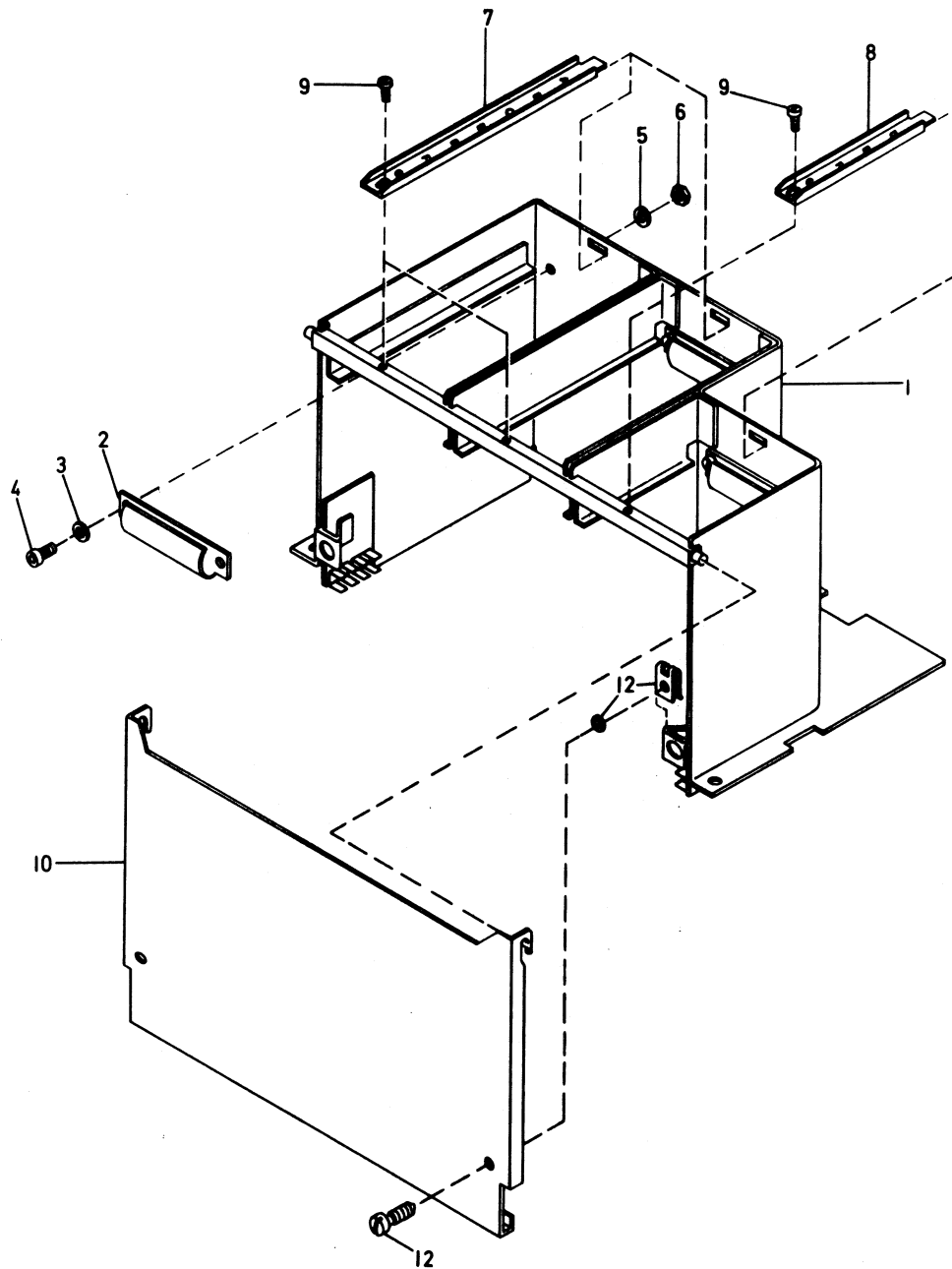


FIGURE 6. I/O RACK ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			I/O RACK ASSEMBLY (TAILGATE 01D)			
6 -	8483678	REF	I/O RACK ASM			
- 1	8483679	1	FOR NEXT HIGHER ASM SEE FIGURE 2			
- 2	8483037	3	• CHASSIS			
- 3	1622346	6	• SPRING			
- 4	1621508	6	• WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
- 5	1622304	6	• SCREW,CAP,SOC HD,M4, 6MM LG			
- 6	1622403	6	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 7	8483039	6	• NUT,HEX,M4, 7MM FL W			
- 8	8483038	AR	• MTG BAR			
- 9	1621190	1	• MTG BAR			
- 10	8483680	AR	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 12	4204962	1	• COVER			
		2	• FASTENER ASM			

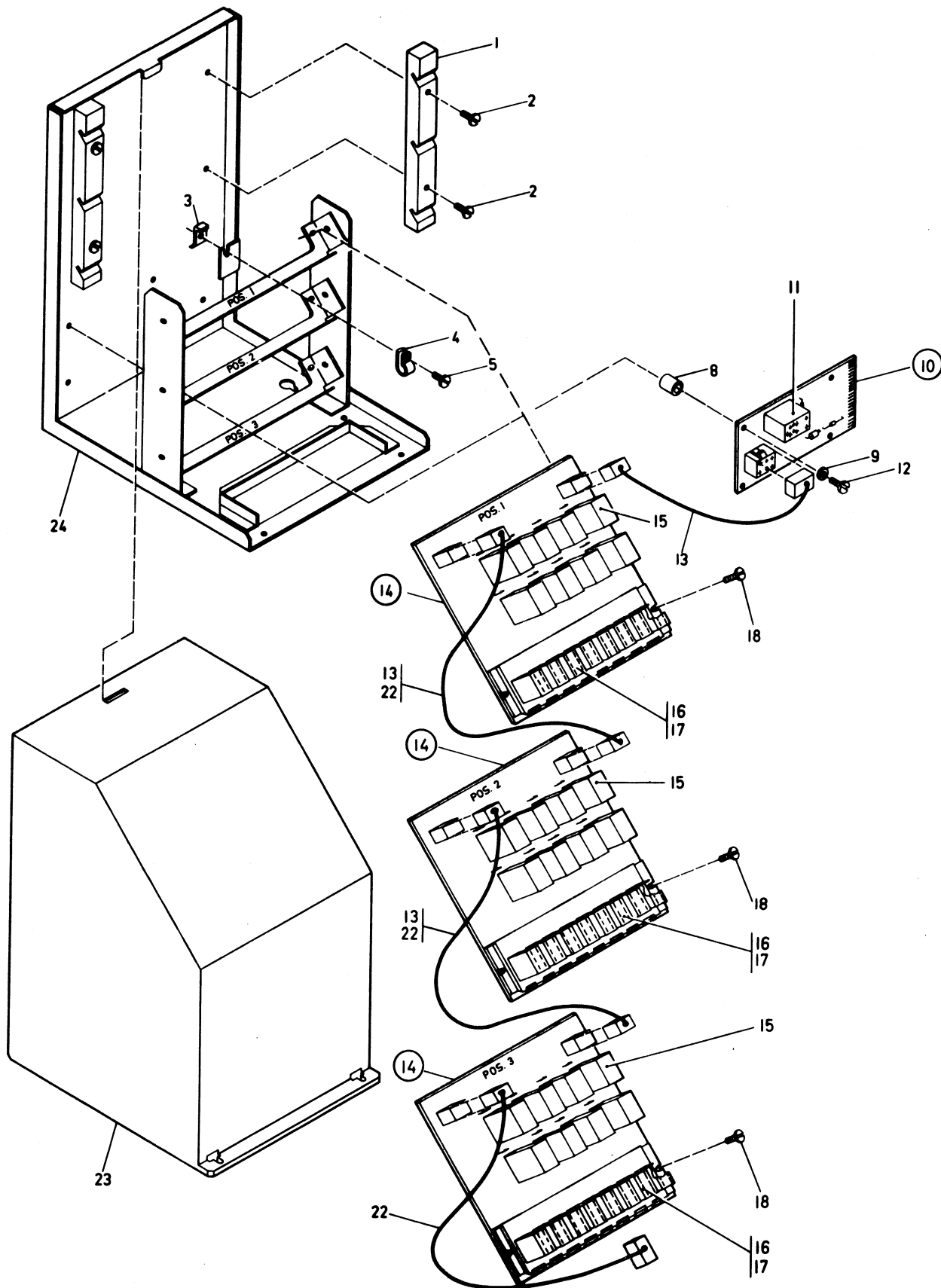


FIGURE 7. STANDARD POWER INTERFACE ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			STANDARD POWER INTERFACE ASSEMBLY			
7 -	8482752	REF	SPI ASSEMBLY FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8482772	2	. GUIDE			
- 2	1621855	4	. SCREW,THRD FORM,PAN HD,M4, 20MM LG			
- 3	8483123	1	. BRACKET			
- 4	169698	1	. CLAMP,CABLE,LOOP,0.156 ID,0.2 DIA MTG HOLE			
- 5	1621191	1	. SCREW,MACH,PAN HD,M4, 10MM LG			
- 8	193435	4	. SPACER			
- 9	1622304	4	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 10	8482761	1	. FRU PANEL CARD ASM			
- 11	2426298	1	. . RELAY,24 VDC,2200 OHMS,P/M 10%,GOLD CONTACTS			
- 12	1621857	4	. SCREW,THRD FORM,PAN HD,M4, 25MM LG			
- 13	8482759	AR	. CABLE ASM,SPI FOR COMPONENT PARTS SEE FIGURE 21 -20A, -21C,-61			
- 14	8482757	AR	. FRU RELAY CARD ASM			
- 15	2426298	8	. . RELAY,24 VDC,2200 OHMS,P/M 10%,GOLD CONTACTS			
- 15	4216104	8	. . RELAY,24 VDC,700 OHMS,P/M 10%,SILVER CONTACTS,OPTIONAL USAGE			
- 16	523269	8	. . RECEPTACLE,6 POS			
- 17	1621844	16	. . SCREW,THRD FORM,PAN HD,M3, 6MM LG			
- 18	1621852	AR	. SCREW,THRD FORM,PAN HD,M4, 10MM LG			
- 22	8482760	1	. CABLE ASM,I/O COMPLETE FOR SPI FOR COMPONENT PARTS SEE FIGURE 21 -10A, -20A,-26,-61			
- 23	8482755	1	. COVER			
- 24	8482754	1	. FRAME			

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			CUSTOMER CONTROL AND POWER ON METER PANEL ASSEMBLIES			
8 -	8483795	REF	FRU CUSTOMER CONTROL PANEL ASM FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483789	1	• SUPPORT			
- 2	8483791	1	• SEAL			
- 3	8483792	1	• FACE PLATE			
- 4	1621197	4	• SCREW,MACH,PAN HD,M4, 6MM LG			
- 5	1622318	4	• WASHER,LCK,SPRING,4.1MM ID,7.6MM OD			
- 6	5252759	1	• SWITCH,ROCKER,4P,SPECIAL MOMENTARY			
- 7	1621170	2	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 8	1622302	1	• WASHER,FL,3.2MM ID,7MM OD,0.5MM THK			
- 9	1622344	2	• WASHER,LCK,EXT ST,3.2MM ID,6MM OD			
- 10	8482917	1	• CABLE ASM,CCP SIGNALS INTERN FOR COMPONENT PARTS SEE FIGURE 21 -8B,-15B, -20A,-20F,-21C,-62B,-77A			
- 11	8482918	1	• CABLE ASM,PCC CON 06 TO CCP ROCKER SWITCH FOR COMPONENT PARTS SEE FIGURE 21 -1E,-8B, -20A,-61B			
- 12	534768	1	• CLAMP,LOOP,9.65MM ID,5.2MM DIA MTG HOLE			
- 12	350663	1	• CLAMP,LOOP,11.2MM ID,5MM DIA MTG HOLE SUB PART ON JAPAN MACH ONLY			
- 13	1621190	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 14	1622304	1	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 15	740513	1	• CE SWITCH			
- 16	1621170	2	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 17	1622344	2	• WASHER,LCK,EXT ST,3.2MM ID,6MM OD			
- 18	8483694	1	• DIODE ASM,LED			
- 19	8486187	1	• CLIP AND RETAINING RING			
- 21	8483793	1	• COVER,SWITCH			
- 22	1621197	2	• SCREW,MACH,PAN HD,M4, 6MM LG			
- 23	1622318	2	• WASHER,LCK,SPRING,4.1MM ID,7.6MM OD			
- 24	8483598	1	• LABEL,TERMINAL ARRANGEMENT,ENGL			
- 24	8483778	1	• LABEL,TERMINAL ARRANGEMENT,FRCH/CANAD			
- 25	8330683	1	• PLATE,POWER ACTIVE USED ON US MACH ONLY			

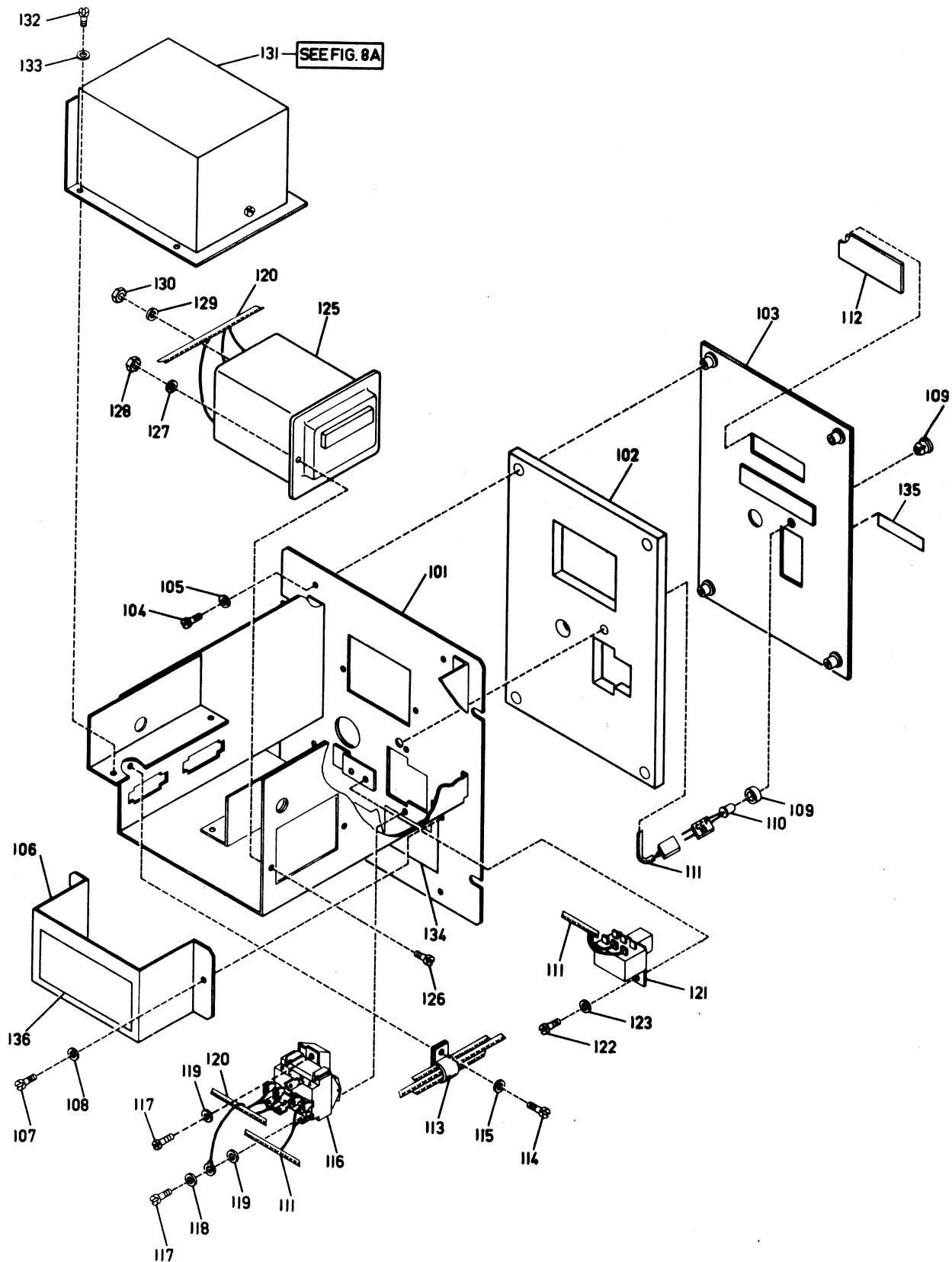


FIGURE 8. POWER ON METER PANEL ASSEMBLY (SHEET 2 OF 2, INDEX NO. 101 THRU 136)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
8 -	8483689	REF	FRU	POWER ON METER PANEL ASM,50 HZ		
-	8483690	REF	FRU	POWER ON METER PANEL ASM,60 HZ		
				USED ON APPROX 300 US,200 GERM,AND		
				100 JAPAN IBM OWNED MACH ONLY		
				FOR NEXT HIGHER ASM SEE FIGURE 3		
-101	8483686	1	.	IPC AND METER HOUSING		
-102	8483685	1	.	SEAL		
-103	8483684	1	.	FACE PLATE		
-104	1621197	4	.	SCREW,MACH,PAN HD,M4, 6MM LG		
-105	1622318	4	.	WASHER,LCK,SPRING,4.1MM ID,7.6MM OD		
-106	8483572	1	.	COVER,SWITCH		
-107	1621197	2	.	SCREW,MACH,PAN HD,M4, 6MM LG		
-108	1622318	2	.	WASHER,LCK,SPRING,4.1MM ID,7.6MM OD		
-109	8486187	1	.	CLIP AND RETAINING RING		
-110	8483694	1	.	DIODE ASM,LED		
-111	8482903	1	.	CABLE ASM,POWER ON METER		
				FOR COMPONENT PARTS SEE FIGURE 21 -15D,		
				-17,-20A,-20F,-21C,-40,-62B,-77A,-81		
-112	8483269	1	.	INSERT		
-113	350663	1	.	CLAMP,LOOP,11.2MM ID,5MM DIA MTG HOLE		
-114	1621191	1	.	SCREW,MACH,PAN HD,M4, 10MM LG		
-115	1622304	1	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
-116	5252759	1	.	SWITCH,ROCKER,4P,SPECIAL,MOMENTARY		
-117	1621170	2	.	SCREW,MACH,PAN HD,M3, 6MM LG		
-118	1622302	1	.	WASHER,FL,3.2MM ID,7MM OD,0.5MM THK		
-119	1622344	2	.	WASHER,LCK,EXT ST,3.2MM ID,6MM OD		
-120	8482891	1	.	CABLE ASM,PCC CON 06 TO POWER ON METER		
				FOR COMPONENT PARTS SEE FIGURE 21 -1,-1E,		
				-1G,-1H,-8B,-20A,-25A,-40,-61B		
-121	740513	1	.	CE SWITCH		
-122	1621170	2	.	SCREW,MACH,PAN HD,M3, 6MM LG		
-123	1622344	2	.	WASHER,LCK,EXT ST,3.2MM ID,6MM OD		
-125	740608	1	.	METER,50 HZ,CE		
-125	740503	1	.	METER,60 HZ,CE		
-126	1621063	2	.	SCREW,MACH,CHEESE HD,M4, 16MM LG		
-127	1622346	2	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD		
-128	1622403	2	.	NUT,HEX,M4, 7MM FL W		
-129	22478	1	.	WASHER,FL,0.17 ID,0.375 OD,0.032 THK		
-130	257189	1	.	NUT,PLAIN,HEX,8-32, 0.344 FL W		
-131	740609	1	.	FRU POWER PACK ASM,50 HZ		
-131	740540	1	.	FRU POWER PACK ASM,60 HZ		
				FOR DETAIL BREAKDOWN SEE FIGURE 8A		
-132	1621060	4	.	SCREW,MACH,CHEESE HD,M4, 8MM LG		
-133	1622346	4	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD		
-134	8483598	1	.	LABEL,TERMINAL ARRANGEMENT,ENGL		
-134	8483778	1	.	LABEL,TERMINAL ARRANGEMENT,FRCH/CANAD		
-135	8330683	1	.	PLATE,POWER ACTIVE		
				USED ON US MACH ONLY		
-136	5235202	1	.	LABEL,LINE VOLTAGE,ENGL		
-136	4141152	1	.	LABEL,LINE VOLTAGE,FRCH/CANAD		

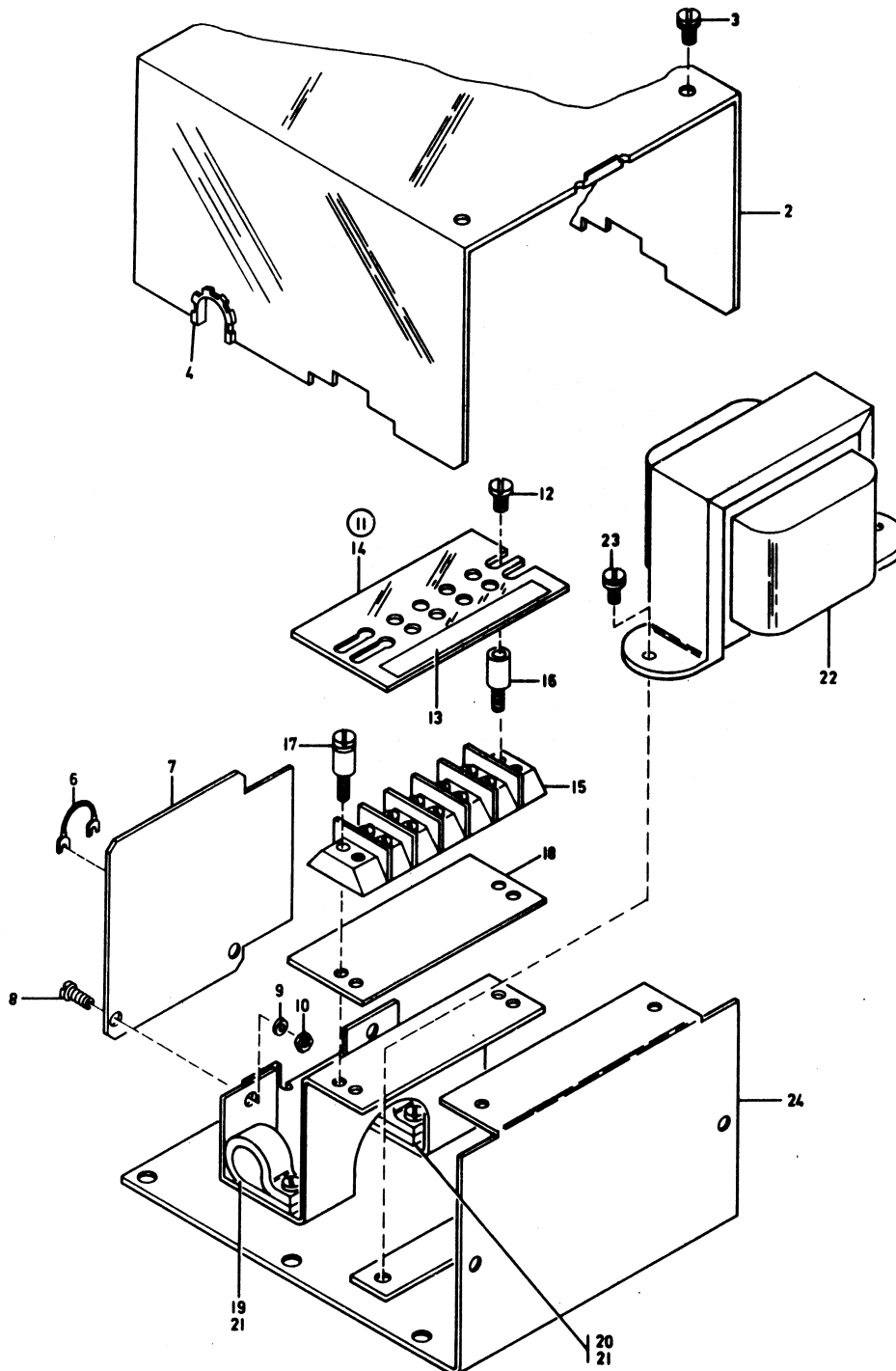


FIGURE 8A. METER POWER PACK ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
			1 2 3 4
			METER POWER PACK ASSEMBLIES
8A-	740540	REF	FRU METER POWER PACK ASSEMBLY, 60 HZ
-	740609	REF	FRU METER POWER PACK ASSEMBLY, 50 HZ
			FOR NEXT HIGHER ASM SEE FIGURE 8
- 2	740564	1	. COVER, METER POWER PACK
- 3	170202	3	. SCREW, W/SPRING LCKW, 6-32, 0.188 LG
- 4	740571	2	. GROMMET
- 6	740550	1	. JUMPER ASSEMBLY, 2.5 LG
			FOR COMPONENT PARTS SEE FIGURE 21 -81A
- 7	372688	1	. CARD ASM, TSTR, METER
- 8	81693	2	. SCREW, MACH, BIND HD, 6-32, 0.375 LG
- 9	56722	2	. WASHER, LCK, EXT TEETH, 0.141 ID, 0.32 OD
- 10	257187	2	. NUT, PLAIN, HEX, 6-32, 0.312 FL W
- 11	741129	1	. SHIELD ASSEMBLY
- 12	740606	1	. SCREW, MACH, BIND HD, 6-32, 0.25 LG
- 13	124943	1	. . LABEL, HAZARDOUS AREA
- 14	474644	1	. . SHIELD
- 15	317310	1	. TERMINAL BOARD, 5 DBL SCREW TERMINALS
- 16	210883	1	. STUD, SHIELD MTG, TAPPED, 6-32
- 17	210884	3	. STUD, SHIELD MTG, 6-32
- 18	740554	1	. STRIP, MARKER, 5 POS
- 19	104294	1	. CLAMP, LOOP, 0.312 ID, 0.219 DIA MTG HOLE
- 20	216362	1	. CLAMP, LOOP, 0.13 ID, 0.191 DIA MTG HOLE
- 21	10170	2	. SCREW, MACH, BIND HD, 6-32, 0.25 LG
- 22	740560	1	. TRANSFORMER ASM, POWER PACK, 60 HZ
- 22	740562	1	. TRANSFORMER ASM, POWER PACK, 50 HZ
- 23	170202	2	. SCREW, W/SPRING LCKW, 6-32, 0.188 LG
- 24	740563	1	. BASE, METER POWER PACK

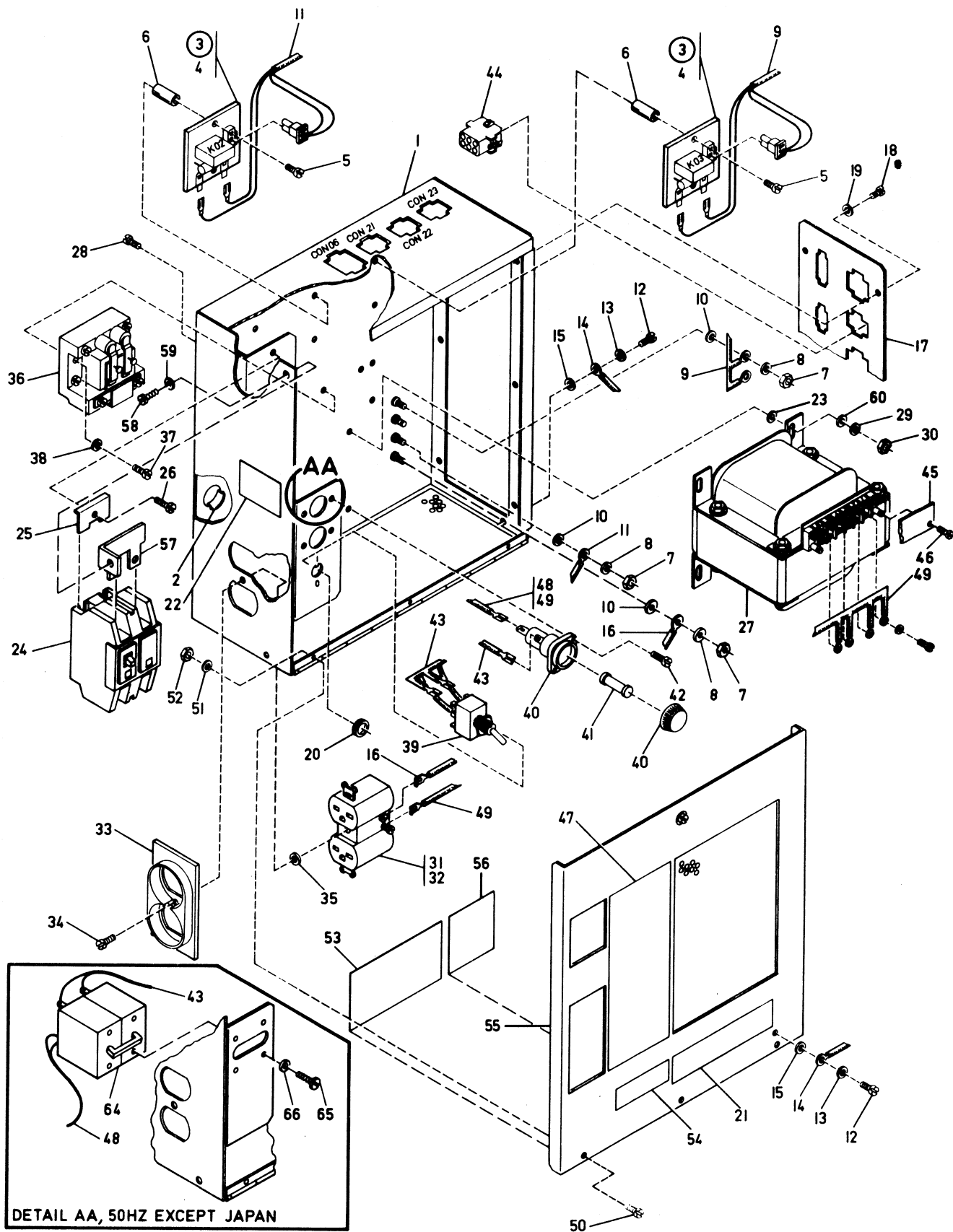


FIGURE 9. POWER CONTROL COMPARTMENT ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER CONTROL COMPARTMENT ASSEMBLIES			
9 -	8483790	REF	POWER CONTROL COMPARTMENT ASM, 50 HZ EXCEPT JAPAN			
-	8483770	REF	POWER CONTROL COMPARTMENT ASM, 60 HZ EXCEPT JAPAN			
-	8483780	REF	POWER CONTROL COMPARTMENT ASM, 50/60 HZ JAPAN			
			FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483817	1	• BOX CBM, VENTILATED			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 1	8483926	1	• BOX CBM, W/O VENTILATION			
			USED ON 50 HZ, EXCEPT JAPAN MACH ONLY			
- 1	8483829	1	• BOX CBM, W/O VENTILATION, OLD VERSION (W/O CP01), FIELD USE			
			USED ON 50 HZ, EXCEPT JAPAN MACH ONLY			
- 2	480755	1	• CHANNEL, 65MM LG			
- 3	8482771	AR	• FRU CARD ASM, RELAY, K02 AND K03			
- 4	4216102	1	• RELAY			
- 5	1621175	AR	• SCREW, MACH, PAN HD, M3, 20MM LG			
- 6	2128633	AR	• SPACER			
- 7	1622403	AR	• NUT, HEX, M4, 7MM FL W			
- 8	1622304	AR	• WASHER, FL, 4.3MM ID, 9MM OD, 0.8MM THK			
- 9	8482924	1	• CABLE ASM, PCC 50/60 HZ, BASIC			
			FOR COMPONENT PARTS SEE FIGURE 21 -1D, -1H,			
			-1J, -1N, -8B, -9A, -9C, -21C, -40, -43B, -60, -62A,			
			-62B, -63, -63A, -63B, -63C, -80			
- 10	1622346	AR	• WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 11	8482925	1	• CABLE ASM, PCC 50/60 HZ, FEATURE, TR 105			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
			-8B, -21C, -40, -43B, -60, -61, -63			
- 12	1621190	2	• SCREW, MACH, PAN HD, M4, 8MM LG			
- 13	1622304	2	• WASHER, FL, 4.3MM ID, 9MM OD, 0.8MM THK			
- 14	5210704	1	• JUMPER ASM, GND DOOR, 127MM LG			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H, -40			
- 15	1622346	2	• WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 16	8482913	1	• JUMPER ASM, PCC OUTLET TO GND, 600MM LG			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H, -9C			
- 17	8483819	1	• PLATE, CONNECTORS			
- 18	1621197	6	• SCREW, MACH, PAN HD, M4, 6MM LG			
- 19	1622346	6	• WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 20	216323	1	• NUT, DRESS, KNURL, 0.469-32, 0.64 OD			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 21	4056733	1	• LABEL, HAZARDOUS AREA			
- 22	8482412	1	• LABEL, CAUTION, LINE VOLTAGE, FIELD USE ONLY			
			USED ON 50 HZ, EXCEPT JAPAN MACH			
			ON OLD VERSION (W/O CP01) ONLY			
- 23	1622347	1	• WASHER, LCK, EXT ST, 5.3MM ID, 10MM OD			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 24	5719456	1	• CIRCUIT BREAKER, 15A, 240V, 2P			
- 25	8483771	2	• CLAMP, MTG			
- 26	1621852	2	• SCREW, THRD FORM, PAN HD, M4, 10MM LG			
- 27	1770396	1	• TRANSFORMER			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 28	1621211	4	• SCREW, MACH, PAN HD, M5, 12MM LG			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 29	1622319	4	• WASHER, LCK, SPRING, 5.1MM ID, 9.2MM OD			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 30	1622404	4	• NUT, HEX, M5, 8MM FL W			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 31	418835	1	• CONV OUTLET, 220V			
			USED ON 50 HZ, EXCEPT JAPAN MACH ONLY			
- 32	357995	1	• CONV OUTLET, 115V			
			USED ON 50 HZ JAPAN AND 60 HZ MACH ONLY			
- 33	2502115	1	• SHROUD			
			USED ON 50 HZ, EXCEPT JAPAN MACH ONLY			
- 34	81693	1	• SCREW, MACH, BIND HD, 6-32, 0.375 LG			
- 35	56722	1	• WASHER, LCK, EXT TEETH, 0.141 ID, 0.32 OD			
- 36	2775241	1	• RELAY, HD, DPST, 30A, 24 VDC			
- 37	1621174	2	• SCREW, MACH, PAN HD, M3, 16MM LG			
- 38	1622316	2	• WASHER, LCK, SPRING, 3.1MM ID, 6.2MM OD			

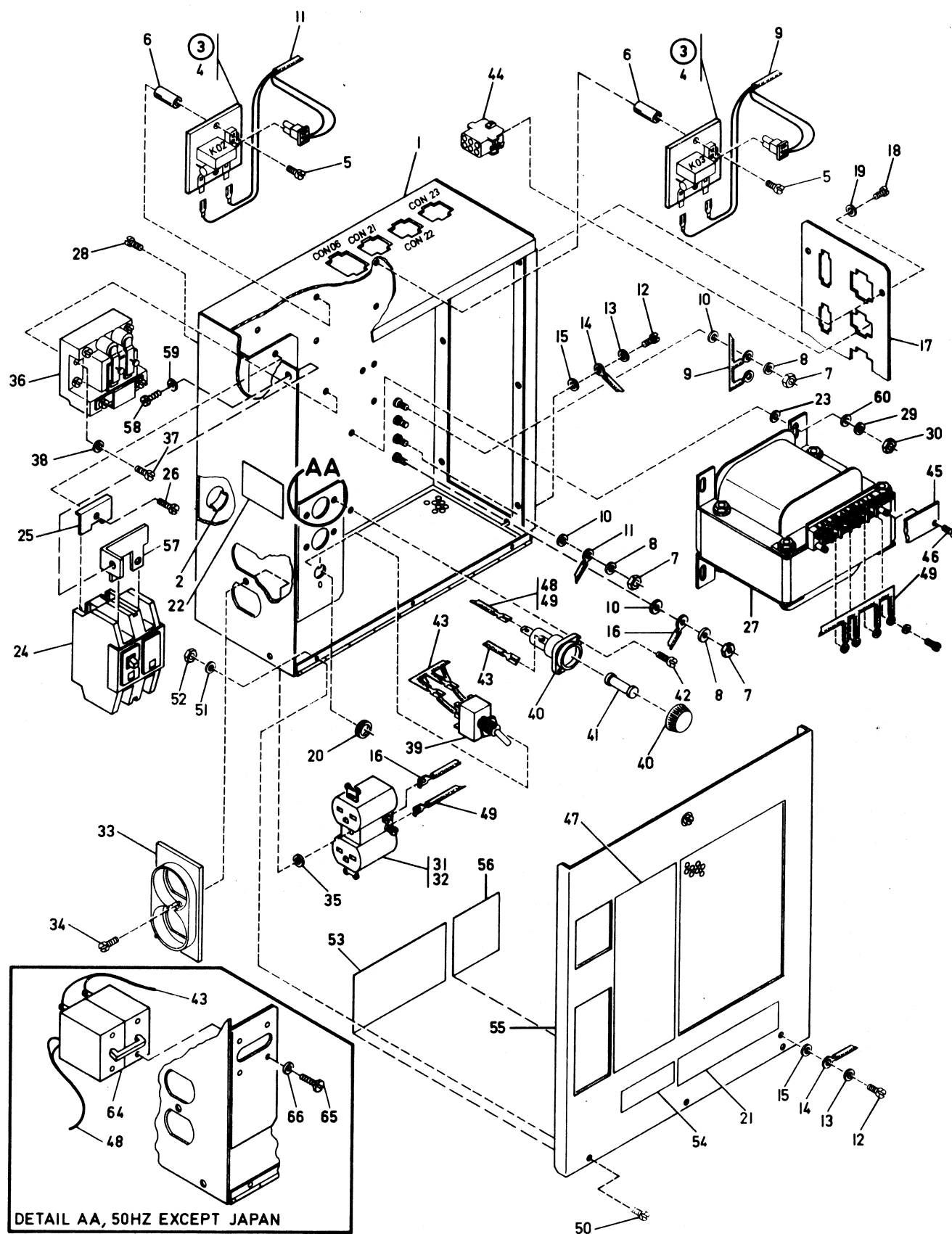


FIGURE 9. POWER CONTROL COMPARTMENT ASSEMBLY, CONTINUED

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
9 - 39	734879	1	.	SWITCH, TOGGLE, DPDT, MAINTAINED		
- 40	92752	2	.	FUSE HOLDER		
- 41	107610	2	.	FUSE, CARTRIDGE, 3A, 250V		
- 42	1621852	4	.	SCREW, THRD FORM, PAN HD, M4, 10MM LG		
- 43	8482915	1	.	CABLE ASM, PCC 50 HZ EXCEPT JAPAN BASIC, C801 TO CP01		
- 43	8482926	1	.	CABLE ASM, PCC 50 HZ JAPAN AND 60 HZ BASIC, C801 TO SW01 AND FUSES		
- 44	1847531	AR	.	HOUSING, 6 CIRCUIT UNIVERSAL, DUMMY CON 03		
- 45	337193	1	.	SHIELD, TB		
- 46	10170	2	.	SCREW, MACH, BIND HD, 6-32, 0.25 LG		
- 47	8483922	1	.	LABEL, PCC DISCONNECT, 50 HZ EXCEPT JAPAN		
- 47	8483599	1	.	LABEL, PCC DISCONNECT, 50 HZ JAPAN AND 60 HZ		
- 48	8482927	1	.	JUMPER ASM, OUTLET TO FUSE, 50 HZ EXCEPT JAPAN		
- 49	8482928	1	.	CABLE ASM, PCC 50 HZ JAPAN AND 60 HZ FEATURE, OUTLET		
- 50	1621190	3	.	SCREW, MACH, PAN HD, M4, 8MM LG		
- 51	1622346	3	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD		
- 52	1622403	3	.	NUT, HEX, M4, 7MM FL W		
- 53	138756	1	.	LABEL, LINE VOLTAGE, ENGL		
- 53	4857082	1	.	LABEL, LINE VOLTAGE, FRCH/CANAD		
- 54	845762	1	.	LABEL, THIS MACHINE, ENGL		
- 54	4857081	1	.	LABEL, THIS MACHINE, FRCH/CANAD		
- 55	8483818	1	.	DOOR, VENTILATED		
- 55	8483828	1	.	DOOR, W/O VENTILATION		
- 56	8483783	1	.	LABEL, K04 TERMINAL ARRANGEMENT		
- 57	8483914	1	.	SHIELD, SAFETY		
- 58	1621190	1	.	SCREW, MACH, PAN HD, M4, 8MM LG		
- 59	1622346	1	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD		
- 60	23141	4	.	WASHER, FL, 5.1MM ID, 14.3MM OD, 1.6MM THK		
- 64	2644646	1	.	CIRCUIT PROTECTOR, 3A, 240V, 3P		
- 65	55726	4	.	SCREW, MACH, BIND HD, 6-32, 0.188 LG		
- 66	56722	4	.	WASHER, LCK, EXT TEETH, 0.141 ID, 0.32 OD		

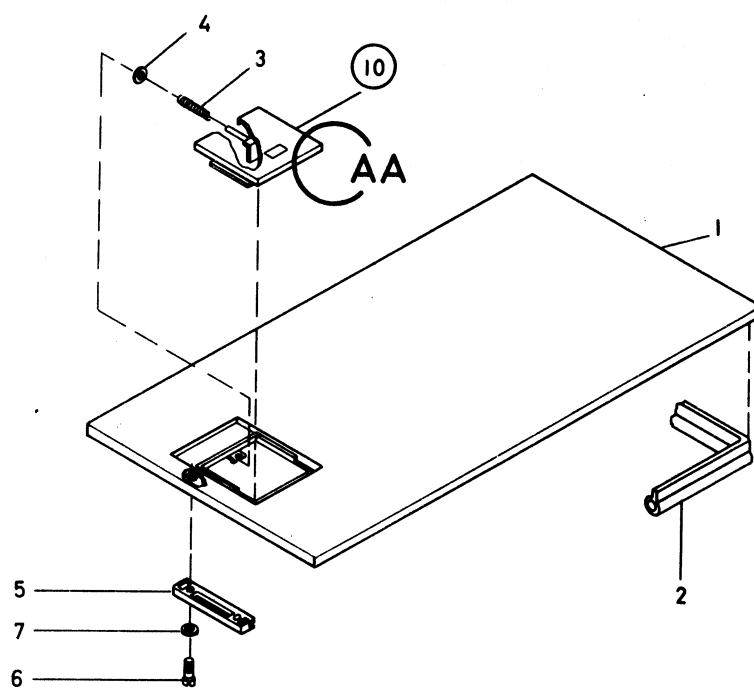
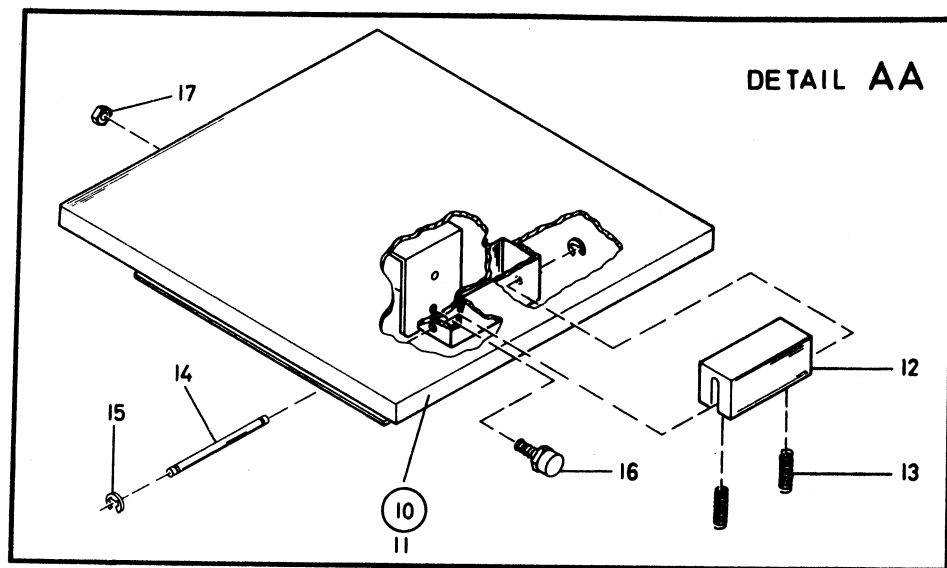


FIGURE 10. TOP COVER ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			TOP COVER ASSEMBLY			
10 -	8483430	REF	TOP COVER ASM WITH SLIDING COVER FOR NEXT HIGHER ASM SEE FIGURE 1			
- 1	8483324	1	• TOP COVER CBM			
- 2	8483347	1	• . SEAL,5250MM LG			
- 3	8483904	1	• SPRING USED ON I/O FILE MACH ONLY			
- 4	1622304	1	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK USED ON I/O FILE MACH ONLY			
- 5	8483231	2	• GUIDE,I/O FILE COVER USED ON I/O FILE MACH ONLY			
- 6	1621192	4	• SCREW,MACH,PAN HD,M4, 12MM LG USED ON I/O FILE MACH ONLY			
- 7	2125974	4	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD USED ON I/O FILE MACH ONLY			
- 10	8483241	1	• SLIDING COVER ASM USED ON I/O FILE MACH ONLY			
- 11	8483230	1	• . COVER			
- 12	8483237	1	• . BUTTON			
- 13	259186	2	• . SPRING			
- 14	8483233	1	• . SHAFT			
- 15	1141141	2	• . CLIP			
- 16	8483228	1	• . BUMPER			
- 17	1622403	1	• . NUT,HEX,M4, 7MM FL W			

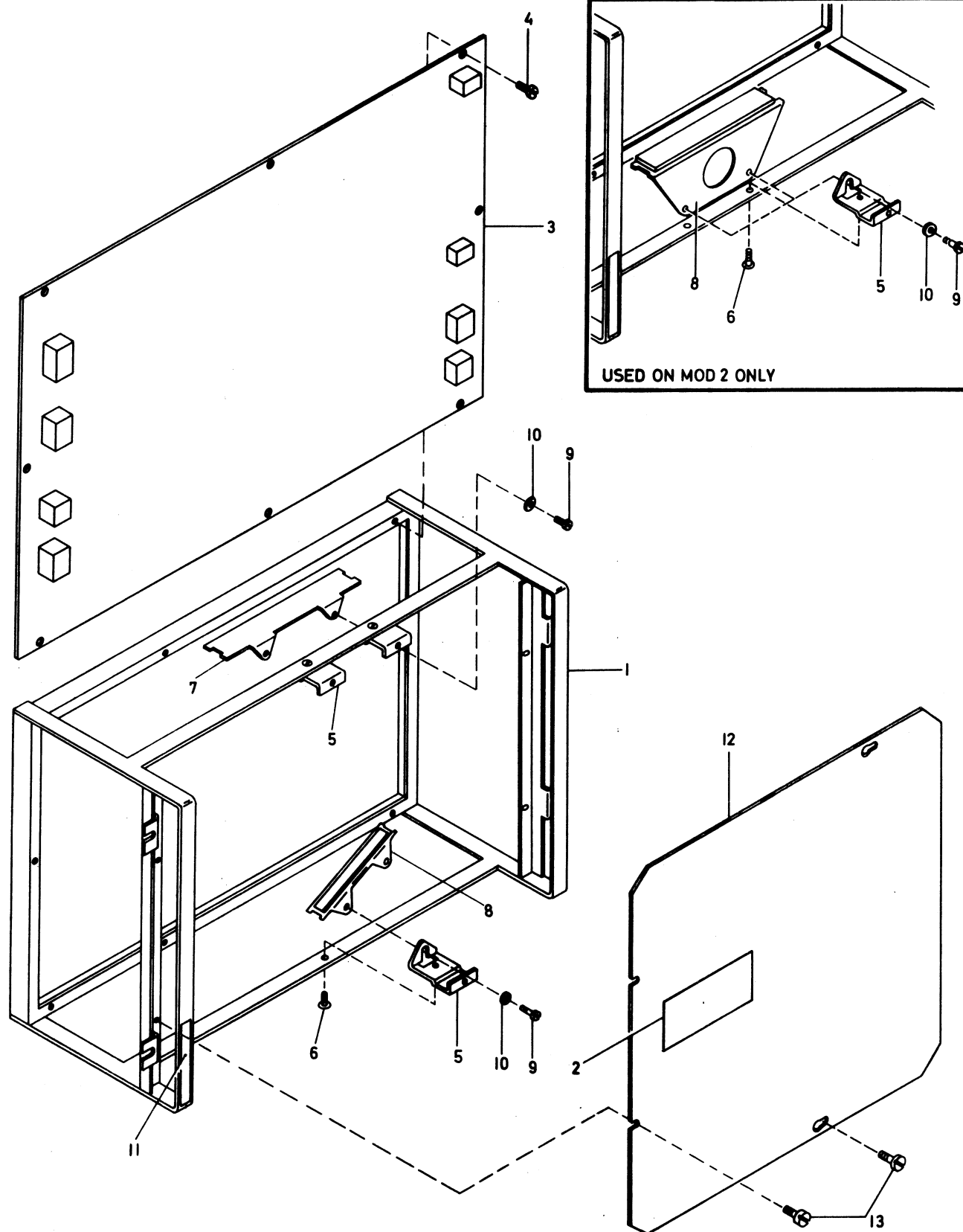


FIGURE 11. POWER SUPPLY ASSEMBLY, PS 102 (SHEET 1 OF 3, INDEX NO. 1 THRU 13)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER SUPPLY ASSEMBLIES,PS 102			
11 -	8482657	REF	FRU	POWER SUPPLY ASM,PS 102		
-	8482658	REF	FRU	POWER SUPPLY ASM,PS 102		
				USED ON MOD 1 ONLY		
				USED ON MOD 2 ONLY		
				FOR NEXT HIGHER ASM SEE FIGURE 3		
- 1	8483286	1	.	FRAME		
- 1	8483556	1	.	FRAME		
				USED ON MOD 1 ONLY		
- 2	853073	1	.	LABEL		
- 3	8482667	1	.	CARD ASM		
				USED ON MOD 1 ONLY		
- 3	8482668	1	.	CARD ASM		
				USED ON MOD 2 ONLY		
- 4	1621190	8	.	SCREW,MACH,PAN HD,M4, 8MM LG		
- 5	8483294	AR	.	BRACKET		
- 6	1621307	AR	.	SCREW,MACH,FL HD,M4, 6MM LG		
- 7	8483292	1	.	SUPPORT, TOP		
- 8	8483176	1	.	SUPPORT, BOTTOM		
				USED ON MOD 1 ONLY		
- 8	8483557	1	.	SUPPORT, BOTTOM		
				USED ON MOD 2 ONLY		
- 9	1621190	AR	.	SCREW,MACH,PAN HD,M4, 8MM LG		
- 10	2125963	AR	.	WASHER,LCK, INT TEETH,0.168 ID,0.562 OD		
- 11	5785130	1	.	LABEL		
- 12	8483552	1	.	COVER		
				USED ON MOD 1 ONLY		
- 12	8483553	1	.	COVER		
				USED ON MOD 2 ONLY		
- 13	1621190	4	.	SCREW,MACH,PAN HD,M4, 8MM LG		

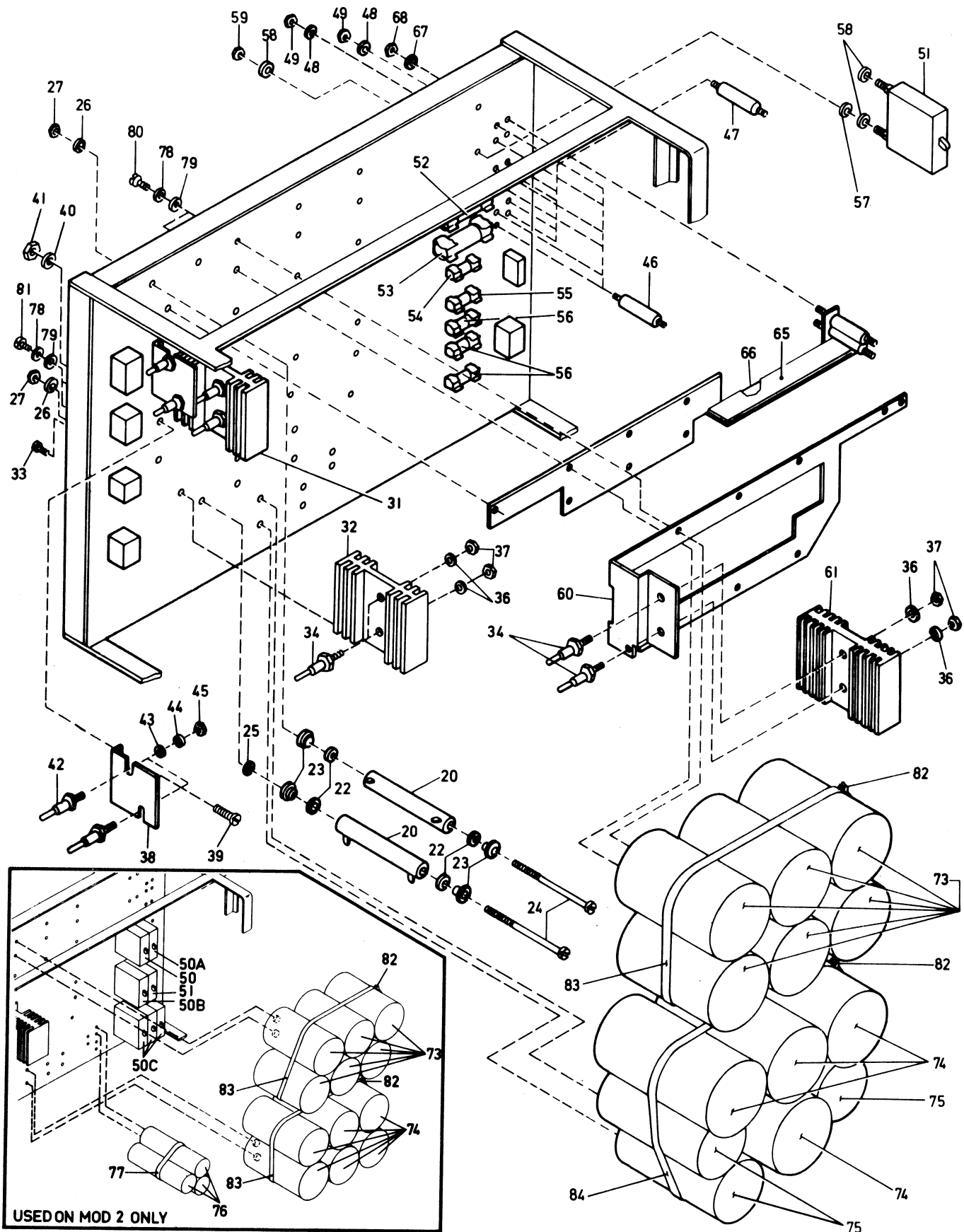


FIGURE 11. POWER SUPPLY ASSEMBLY, PS 102 (SHEET 2 OF 3, INDEX NO. 20 THRU 84)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
11 - 20	5261464	2	.	RESISTOR,FXD WW,1.75 OHMS,PM 10%,90M		
- 22	5888633	4	.	WASHER,MICA,0.31 ID,0.75 OD,0.03 THK		
- 23	510468	4	.	WASHER,CENTER,0.177 ID,0.5 OD		
- 24	331982	2	.	SCREW,MACH,RD HD,8-32, 1.25 LG		
- 25	442959	1	.	WASHER,MICA,0.172 ID,0.469 OD,0.031 THK		
- 26	22478	2	.	WASHER,FL,0.17 ID,0.375 OD,0.032 THK		
- 27	257189	2	.	NUT,PLAIN,HEX,8-32, 0.344 FL W		
- 31	8482098	1	.	HEATSINK,MOD 1 ONLY		
- 31	8482644	1	.	HEATSINK,MOD 2 ONLY		
- 32	8482098	1	.	HEATSINK		
- 33	1621190	4	.	SCREW,MACH,PAN HD,M4, 8MM LG		
- 34	4216023	6	.	RECTIFIER,SILICON,VA,150V,30A		
- 36	76574	6	.	WASHER,LCK,EXT TEETH,0.267 ID,0.51 OD		
- 37	160017	6	.	NUT,PLAIN,HEX,1.25-28, 0.437 FL W		
- 38	589721	2	.	HEATSINK		
- 39	1621191	4	.	SCREW,MACH,PAN HD,M4, 10MM LG		
- 40	1622346	4	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD		
- 41	1622403	4	.	NUT,HEX,M4, 7MM FL W		
- 42	4216024	4	.	RECTIFIER,SILICON,VA,150V,10A		
- 43	45690	4	.	WASHER,FL,0.203 ID,0.438 OD,0.032 THK		
- 44	56079	4	.	WASHER,LCK,EXT TEETH,0.195 ID,0.41 OD		
- 45	11598	4	.	NUT,PLAIN,HEX,10-32, 0.375 FL W		
- 46	8482592	AR	.	STAND OFF,40MM LG		
- 47	8482570	AR	.	STAND OFF,25MM LG		
- 48	1622304	AR	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
- 49	1622403	AR	.	NUT,HEX,M4, 7MM FL W		
- 50	4120609	1	.	CIRCUIT PROTECTOR,1 POLE,24 VDC,20A,MOD 2 ONLY		
- 50	4432645	1	.	CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY		
- 50A	4120616	1	.	CIRCUIT PROTECTOR,1 POLE,24 VDC,50A,MOD 2 ONLY		
- 50A	4432648	1	.	CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY		
- 50B	4120615	1	.	CIRCUIT PROTECTOR,1 POLE,24 VDC,16A,MOD 2 ONLY		
- 50B	4432644	1	.	CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY		
- 50C	4120613	3	.	CIRCUIT PROTECTOR,1 POLE,24 VDC,2A,MOD 2 ONLY		
- 50C	4432640	3	.	CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY		
- 51	4120611	AR	.	CIRCUIT PROTECTOR,1 POLE,24 VDC,40A		
- 51	4432647	AR	.	CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY		
- 52	111265	1	.	FUSE,30A,250V,SB,MOD 1 ONLY		
- 53	237395	1	.	FUSE,25A,250V,SB,MOD 1 ONLY		
- 54	511063	1	.	FUSE,10A,250V,MB,MOD 1 ONLY		
- 55	596676	1	.	FUSE,15A,250V,MB,MOD 1 ONLY		
- 56	855253	3	.	FUSE,1A,250V,1B,MOD 1 ONLY		
- 57	8482587	1	.	WASHER,FL,BRASS,5.1MM ID,9MM OD,2MM THK		
- 58	45690	AR	.	WASHER,FL,0.203 ID,0.438 OD,0.032 THK		
- 59	11598	AR	.	NUT,PLAIN,HEX,10-32, 0.375 FL W		
- 60	8482038	1	.	BUS,MOD 1 ONLY		
- 60	8482747	1	.	BUS,MOD 2 ONLY		
- 61	8482101	1	.	HEATSINK		
- 65	450692	1	.	TAPE,155MM LG		
- 66	8482039	1	.	BUS,MOD 1 ONLY		
- 66	8482748	1	.	BUS,MOD 2 ONLY		
- 67	1622304	2	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
- 68	1622403	2	.	NUT,HEX,M4, 7MM FL W		
- 73	1646686	6	.	CAPACITOR,ELEC,300000 MFD,P75 M10%,7.5 VDCW		
- 74	2307044	AR	.	CAPACITOR,ELEC,210000 MFD,P75 M10%,15 VDCW		
- 75	5214963	3	.	CAPACITOR,ELEC,63000 MFD,P75 M10%,15 VDCW,MOD 1 ONLY		
- 76	1646685	3	.	CAPACITOR,ELEC,16000 MFD,P75 M10%,15 VDCW,MOD 2 ONLY		
- 77	556450	1	.	STRAP,MOD 2 ONLY		
- 78	9092	AR	.	WASHER,LCK,SPLIT RING,0.194 ID,0.337 OD		
- 79	45690	AR	.	WASHER,FL,0.203 ID,0.438 OD,0.032 THK		
- 80	55918	12	.	SCREW,MACH,BIND HD,10-32, 0.625 LG		
- 81	332620	AR	.	USED ON CAPACITOR C1 TO C6		
- 81	332620	AR	.	SCREW,MACH,BIND HD,10-32, 0.5 LG		
- 81	332620	AR	.	USED ON CAPACITOR C7 TO C15		
- 82	8482053	2	.	CLAMP		
- 83	8482052	AR	.	STRAP,760MM LG,METAL		
- 83	8482418	AR	.	TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE		
- 84	8482052	1	.	STRAP,800MM LG,METAL,MOD 1 ONLY		
- 84	8482418	1	.	TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE,MOD 1 ONLY		

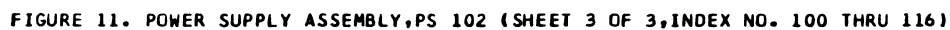


FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
11 -100	1622304	AR	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK • SCREW,MACH,PAN HD,M4, 12MM LG • WASHER,LCK,INT ST,4.3MM ID,8MM OD • NUT,HEX,M4, 7MM FL W • SCREW,MACH,PAN HD,M4, 8MM LG			
-101	1621192	AR				
-102	1622334	2				
-103	1622403	2				
-104	1621190	1				
-105	8482147	6	• JUMPER,110MM LG • JUMPER,100MM LG • JUMPER ASM,100MM LG			
-106	8482136	4				
-107	8482146	1				
-108	8482172	1				
-109	8482141	1				
-110	8482180	1	• JUMPER,100MM LG • JUMPER,200MM LG • BRACKET • SUPPORT BOTTOM			
-111	8483294	AR				
-112	8483176	1				
-112	8483557	1				
-113	8483292	1				
-114	8482052	2	• SUPPORT TOP • STRAP,METAL • TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			
-114	8482418	2				
-116	556540	1				
			USED ON MOD 2 ONLY			

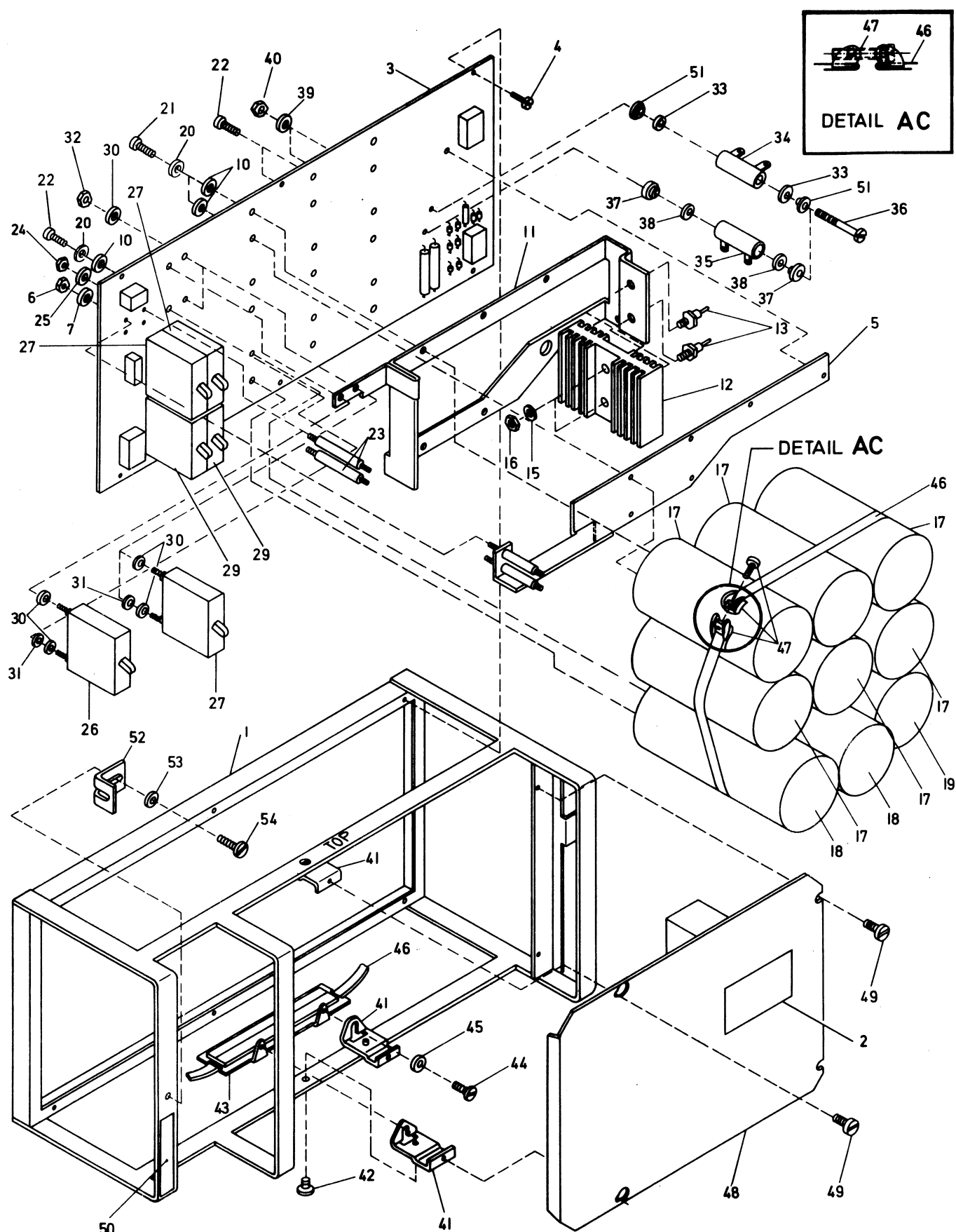


FIGURE 12. POWER SUPPLY ASSEMBLY, PS 104, PDL 4 (SHEET 1 OF 2, INDEX NO. 1 THRU 54)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER SUPPLY ASSEMBLY, PS 104, PDL 4			
12 -	8482688	REF	FRU POWER SUPPLY ASM, PS 104, PDL 4 FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483062	1	. FRAME			
- 2	853073	1	. LABEL			
- 3	8482791	1	. CARD ASM			
- 4	1621190	6	. SCREW, MACH, PAN HD, M4, 8MM LG			
- 5	8482581	1	. BUS			
- 6	1622403	2	. NUT, HEX, M4, 7MM FL W			
- 7	1622304	2	. WASHER, FL, 4.3MM ID, 9MM OD, 0.8MM THK			
- 10	45690	18	. WASHER, FL, 0.203 ID, 0.438 OD, 0.032 THK			
- 11	8482580	1	. BUS			
- 12	8482101	1	. HEATSINK			
- 13	4216023	2	. RECTIFIER, SILICON, VA, 150V, 30A			
- 15	76574	2	. WASHER, LCK, EXT TEETH, 0.267 ID, 0.51 OD			
- 16	160017	2	. NUT, PLAIN, HEX, 1.25-28, 0.437 FL W			
- 17	1646686	6	. CAPACITOR, ELEC, 300000 MFD, P75 M10%, 7.5 VDCW			
- 18	5796429	2	. CAPACITOR, ELEC, 93000 MFD, P75 M10%, 15 VDCW			
- 19	5615515	1	. CAPACITOR, ELEC, 230000 MFD, P75 M10%, 10 VDCW			
- 20	9092	18	. WASHER, LCK, SPLIT RING, 0.194 ID, 0.337 OD			
- 21	55918	10	. SCREW, MACH, BIND HD, 10-32, 0.625 LG USED ON CAPACITOR C1 TO C5			
- 22	332620	8	. SCREW, MACH, BIND HD, 10-32, 0.5 LG USED ON CAPACITOR C6 TO C9			
- 23	8482591	2	. STANDOFF			
- 24	1622403	2	. NUT, HEX, M4, 7MM FL W			
- 25	1622304	2	. WASHER, FL, 4.3MM ID, 9MM OD, 0.8MM THK			
- 26	4120610	1	. CIRCUIT PROTECTOR, 1 POLE, 24 VDC, 30A			
- 26	4432646	1	. CIRCUIT PROTECTOR, SUB PART ON US MACH ONLY			
- 27	4120607	3	. CIRCUIT PROTECTOR, 1 POLE, 60 VDC, 4A			
- 27	4432642	3	. CIRCUIT PROTECTOR, SUB PART ON US MACH ONLY			
- 29	4120606	2	. CIRCUIT PROTECTOR, 1 POLE, 60 VDC, 3A			
- 29	4432641	2	. CIRCUIT PROTECTOR, SUB PART ON US MACH ONLY			
- 30	45690	24	. WASHER, FL, 0.203 ID, 0.438 OD, 0.032 THK			
- 31	8482587	2	. WASHER, FL, BRASS, 5.1MM ID, 9MM OD, 2MM THK			
- 32	11598	12	. NUT, PLAIN, HEX, 10-32, 0.375 FL W			
- 33	5888633	2	. WASHER, MICA, 0.31 ID, 0.75 OD, 0.03 THK			
- 34	5391641	1	. RESISTOR, FXD WW, 2.5 OHMS, P/M 10%, 25W			
- 35	501550	1	. RESISTOR, FXD WW, 5 OHMS, P/M 10%, 25W			
- 36	438583	2	. SCREW, MACH, FIL HD, 8-32, 2.5 LG			
- 37	507144	2	. WASHER, CENTER, 0.173 ID, 0.625 OD			
- 38	442958	2	. WASHER, MICA, 0.438 ID, 0.75 OD, 0.031 THK			
- 39	22478	2	. WASHER, FL, 0.17 ID, 0.375 OD, 0.032 THK			
- 40	257189	2	. NUT, PLAIN, HEX, 8-32, 0.344 FL W			
- 41	8483294	3	. BRACKET			
- 42	1621307	3	. SCREW, MACH, FL HD, M4, 6MM LG			
- 43	8483292	1	. SUPPORT			
- 44	1621190	2	. SCREW, MACH, PAN HD, M4, 8MM LG			
- 45	2125963	2	. WASHER, LCK, INT TEETH, 0.168 ID, 0.562 OD			
- 46	8482052	1	. STRAP, 920MM LG, METAL			
- 46	8482418	1	. TIE LOCK, STRAP CABLE, PLASTIC, OPTIONAL USAGE			
- 47	8482053	1	. CLAMP			
- 48	8483554	1	. COVER			
- 49	1621190	4	. SCREW, MACH, PAN HD, M4, 8MM LG			
- 50	5785130	1	. LABEL			
- 51	510468	2	. WASHER, CENTER, 0.177 ID, 0.5 OD			
- 52	8483166	1	. BRACKET			
- 53	2125974	1	. WASHER, LCK, INT TEETH, 0.2 ID, 0.562 OD			
- 54	1621210	1	. SCREW, MACH, PAN HD, M5, 10MM LG			

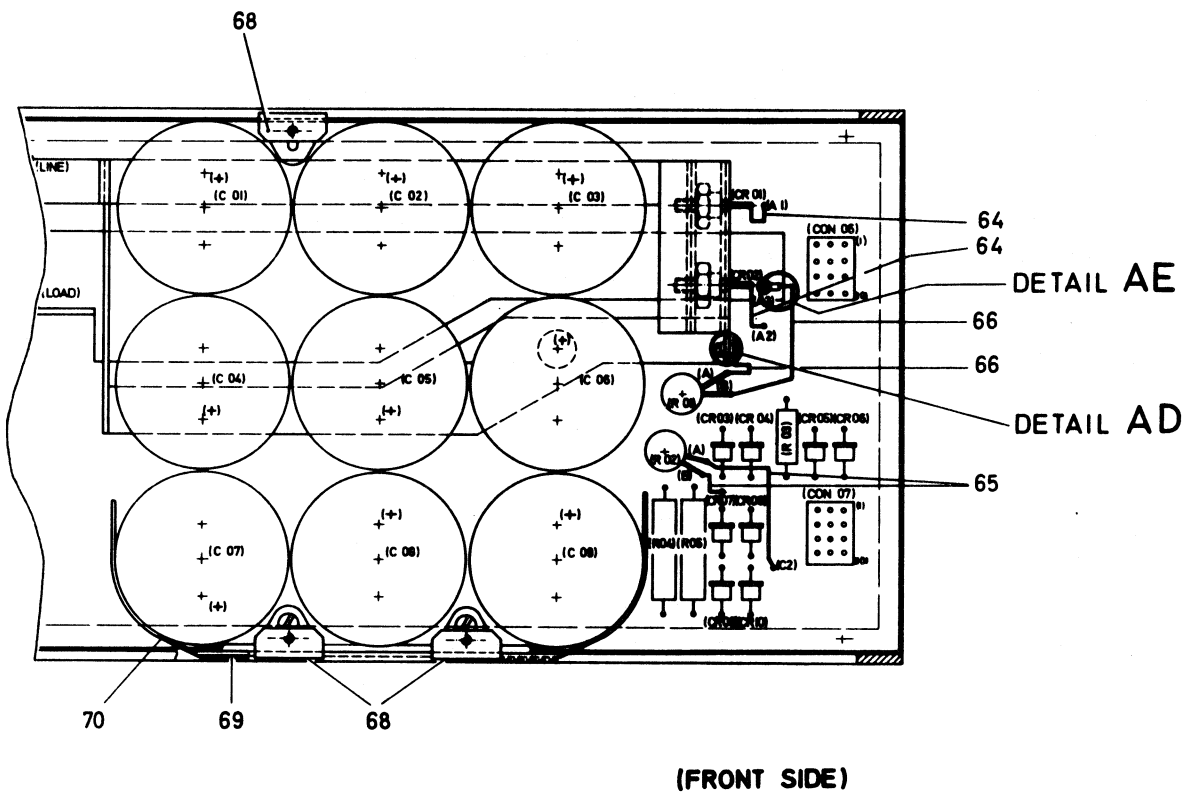
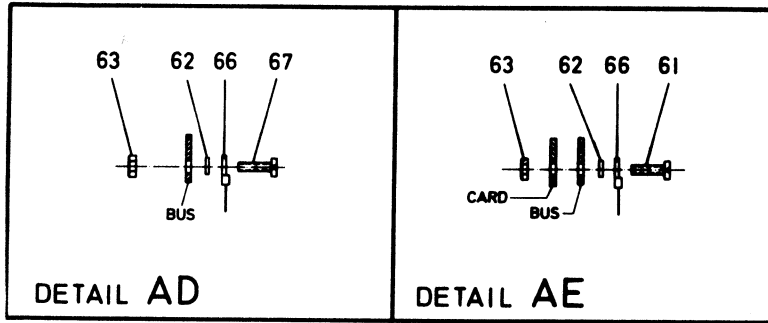


FIGURE 12. POWER SUPPLY ASSEMBLY, PS 104, PDL 4 (SHEET 2 OF 2, INDEX NO. 61 THRU 70)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
12 - 61	1621192	1	• SCREW,MACH,PAN HD,M5, 12MM LG			
- 62	1622334	2	• WASHER,LCK,INT ST,4.3MM ID,8MM OD			
- 63	1622403	2	• NUT,HEX,M4, 7MM FL W			
- 64	8482147	2	• JUMPER,110MM LG			
- 65	8482141	2	• JUMPER,100MM LG			
- 66	8482146	2	• JUMPER ASM,100MM LG			
			FOR COMPONENT PARTS SEE FIGURE 21 -1G,-40			
- 67	1621190	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 68	8483294	3	• BRACKET			
- 69	8483292	1	• SUPPORT			
- 70	8482052	1	• STRAP,920MM LG,METAL			
- 70	8482418	1	• TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			

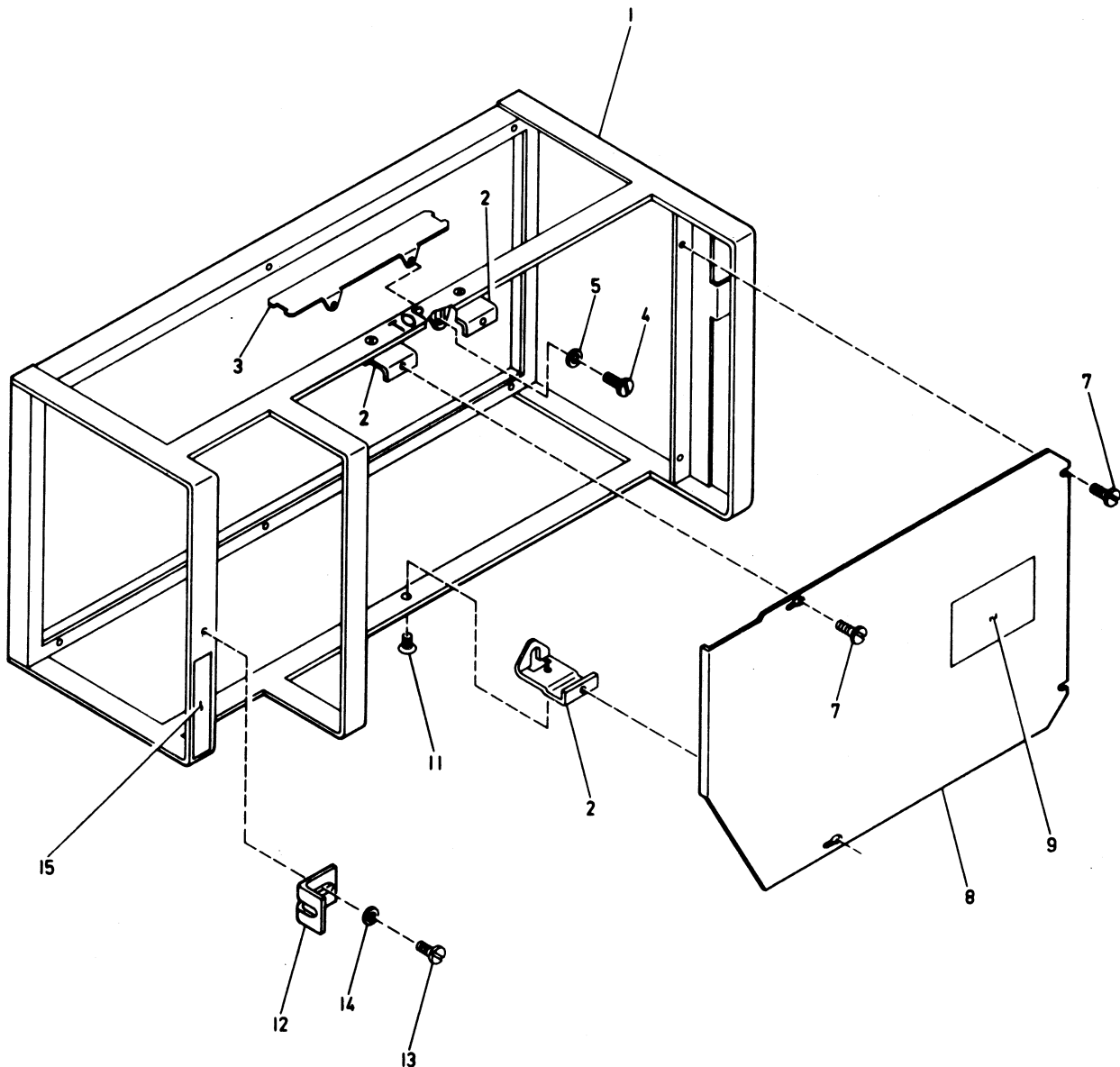


FIGURE 12A. POWER SUPPLY ASSEMBLY, PS 104, PDL 5 (SHEET 1 OF 3, INDEX NO. 1 THRU 15)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER SUPPLY ASSEMBLY,PS 104,PDL 5			
12A-	8482656	REF	FRU POWER SUPPLY ASM,PS 104,PDL 5 FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483857	1	. FRAME			
- 2	8483294	3	. BRACKET			
- 3	8483292	1	. SUPPORT			
- 4	1621190	2	. SCREW,MACH,PAN HD,M4, 8MM LG			
- 5	2125963	2	. WASHER,LCK,INT TEETH,0.168 ID,0.562 OD			
- 7	1621190	4	. SCREW,MACH,PAN HD,M4, 8MM LG			
- 8	8483858	1	. COVER			
- 9	853073	1	. LABEL			
- 11	1621307	3	. SCREW,MACH,FL HD,M4, 6MM LG			
- 12	8483166	1	. BRACKET			
- 13	1621210	1	. SCREW,MACH,PAN HD,M5, 10MM LG			
- 14	2125974	1	. WASHER,LCK,INT TEETH,0.2 ID,0.56 OD			
- 15	5785130	1	. LABEL			

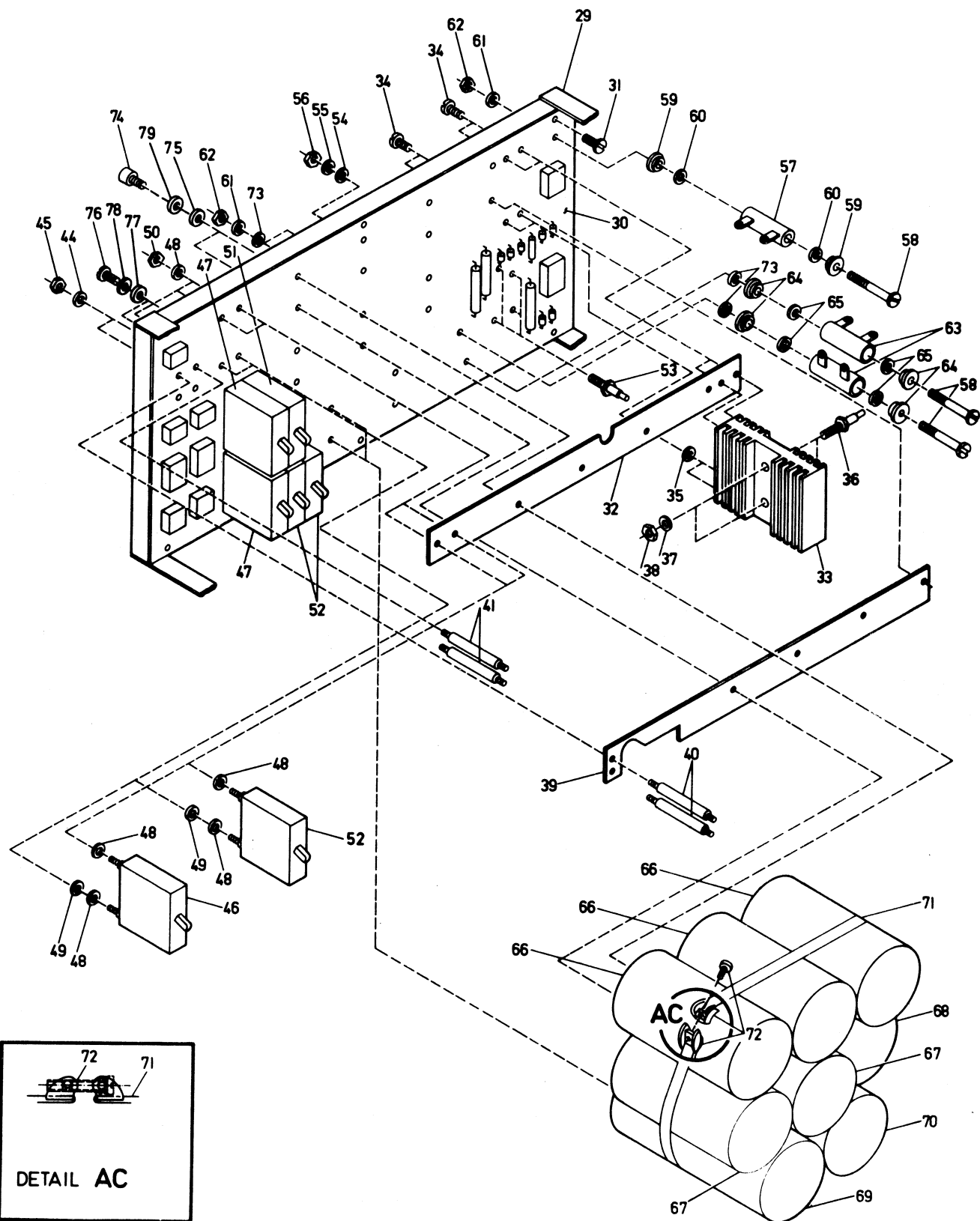


FIGURE 12A. POWER SUPPLY ASSEMBLY, PS 104, PDL 5 (SHEET 2 OF 3, INDEX NO. 29 THRU 79)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
12A- 29	8483857	1	• FRAME			
- 30	8482666	1	• CARD ASM			
- 31	1621190	6	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 32	8482567	1	• BUS			
- 33	8482029	1	• HEATSINK			
- 34	1621191	4	• SCREW,MACH,PAN HD,M4, 10MM LG			
- 35	8482587	2	• WASHER,FL,BRASS,5.1MM ID,9MM OD,2MM THK			
- 36	4216023	2	• RECTIFIER,SILICON,VA,150V,30A			
- 37	76574	2	• WASHER,LCK,EXT TEETH,0.267 ID,0.51 OD			
- 38	160017	2	• NUT,PLAIN,HEX,1.25-28, 0.437 FL W			
- 39	8482568	1	• BUS			
- 40	8482570	2	• STANDOFF			
- 41	8482592	2	• STANDOFF			
- 44	1622304	4	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 45	1622403	4	• NUT,HEX,M4, 7MM FL W			
- 46	4120610	1	• CIRCUIT PROTECTOR,1 POLE,24 VDC,30A			
- 46	4432646	1	• CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 47	4120607	3	• CIRCUIT PROTECTOR,1 POLE,60 VDC,4A			
- 47	4432642	3	• CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 48	45690	28	• WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 49	8482587	2	• WASHER,FL,BRASS,5.1MM ID,9MM OD,2MM THK			
- 50	11598	14	• NUT,PLAIN,HEX,10-32, 0.375 FL W			
- 51	4120606	1	• CIRCUIT PROTECTOR,1 POLE,60 VDC,3A			
- 51	4432641	1	• CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 52	4120614	2	• CIRCUIT PROTECTOR,1 POLE,60 VDC,8A			
- 52	4432643	2	• CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 53	4216024	4	• RECTIFIER,SILICON,VA,150V,10A			
- 54	45690	4	• WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 55	56079	4	• WASHER,LCK,EXT TEETH,0.195 ID,0.41 OD			
- 56	11598	4	• NUT,PLAIN,HEX,10-32, 0.375 FL W			
- 57	5391641	1	• RESISTOR,FXD WW,2.5 OHMS,P/M 10%,25W			
- 58	438583	2	• SCREW,MACH,FIL HD,8-32, 2.5 LG			
- 59	510468	2	• WASHER,CENTER,0.177 ID,0.5 OD			
- 60	5888633	2	• WASHER,MICA,0.31 ID,0.75 OD,0.03 THK			
- 61	22478	2	• WASHER,FL,0.17 ID,0.375 OD,0.032 THK			
- 62	257189	2	• NUT,PLAIN,HEX,8-32, 0.344 FL W			
- 63	501550	1	• RESISTOR,FXD WW,5 OHMS,P/M 10%,25W			
- 64	507144	2	• WASHER,CENTER,0.173 ID,0.625 OD			
- 65	442958	2	• WASHER,MICA,0.438 ID,0.75 OD,0.031 THK			
- 66	4430000	3	• CAPACITOR,ELEC,650000 MFD,P50 M10%,6.3 VDCW			
- 67	2307044	2	• CAPACITOR,ELEC,210000 MFD,P75 M10%,15 VDCW			
- 68	1646686	1	• CAPACITOR,ELEC,300000 MFD,P75 M10%,7.5 VDCW			
- 69	5796427	1	• CAPACITOR,ELEC,54000 MFD,P75 M10%,30 VDCW			
- 70	5615515	1	• CAPACITOR,ELEC,230000 MFD,P75 M10%,10 VDCW			
- 71	8482052	1	• STRAP,840MM LG,METAL			
- 71	8482418	1	• TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			
- 72	8482053	1	• CLAMP			
- 73	442959	2	• WASHER,MICA,0.172 ID,0.469 OD,0.031 THK			
- 74	8482403	6	• SCREW,CAP,HEX SOC HD,0.250-28, 15.75MM LG			
- 75	3550	6	• WASHER,FL,0.265 ID,0.562 OD,0.05 THK			
- 76	332620	10	• SCREW,MACH,BIND HD,10-32, 0.5 LG			
- 77	45690	10	• WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 78	9092	10	• WASHER,LCK,SPLIT RING,0.194 ID,0.337 OD			
- 79	6935	6	• WASHER,LCK,SPLIT RING,0.25 ID,0.493 OD			

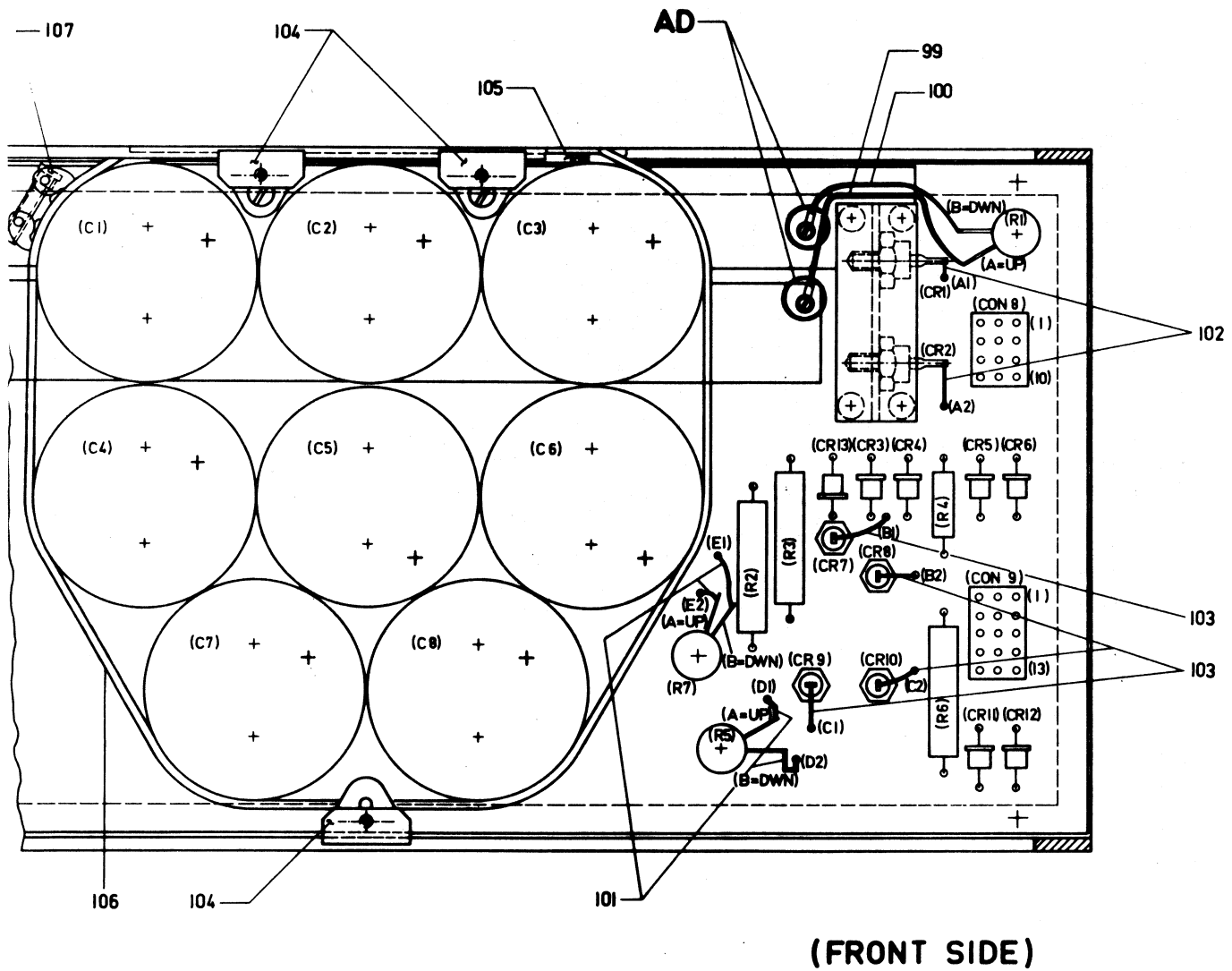
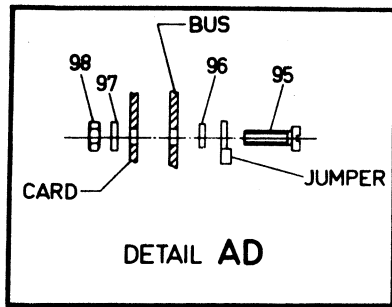


FIGURE 12A. POWER SUPPLY ASSEMBLY, PS 104, PDL 5 (SHEET 3 OF 3, INDEX NO. 95 THRU 107)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
12A- 95	1621192	2	.	SCREW,MACH,PAN HD,M5, 12MM LG		
- 96	1622334	2	.	WASHER,LCK,INT ST,4.3MM ID,8MM OD		
- 97	1622304	2	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
- 98	1622403	2	.	NUT,HEX,M4, 7MM FL W		
- 99	8482172	1	.	JUMPER ASM,190MM LG		
				FOR COMPONENT PARTS SEE FIGURE 21 -1G,-40		
-100	8482146	1	.	JUMPER ASM,100MM LG		
				FOR COMPONENT PARTS SEE FIGURE 21 -1G,-40		
-101	8482141	2	.	JUMPER,100MM LG		
-102	8482147	2	.	JUMPER,110MM LG		
-103	8482019	4	.	JUMPER,55MM LG		
-104	8483294	3	.	BRACKET		
-105	8483292	1	.	SUPPORT		
-106	8482052	1	.	STRAP,840MM LG,METAL		
-106	8482418	1	.	TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE		
-107	8482053	1	.	CLAMP		

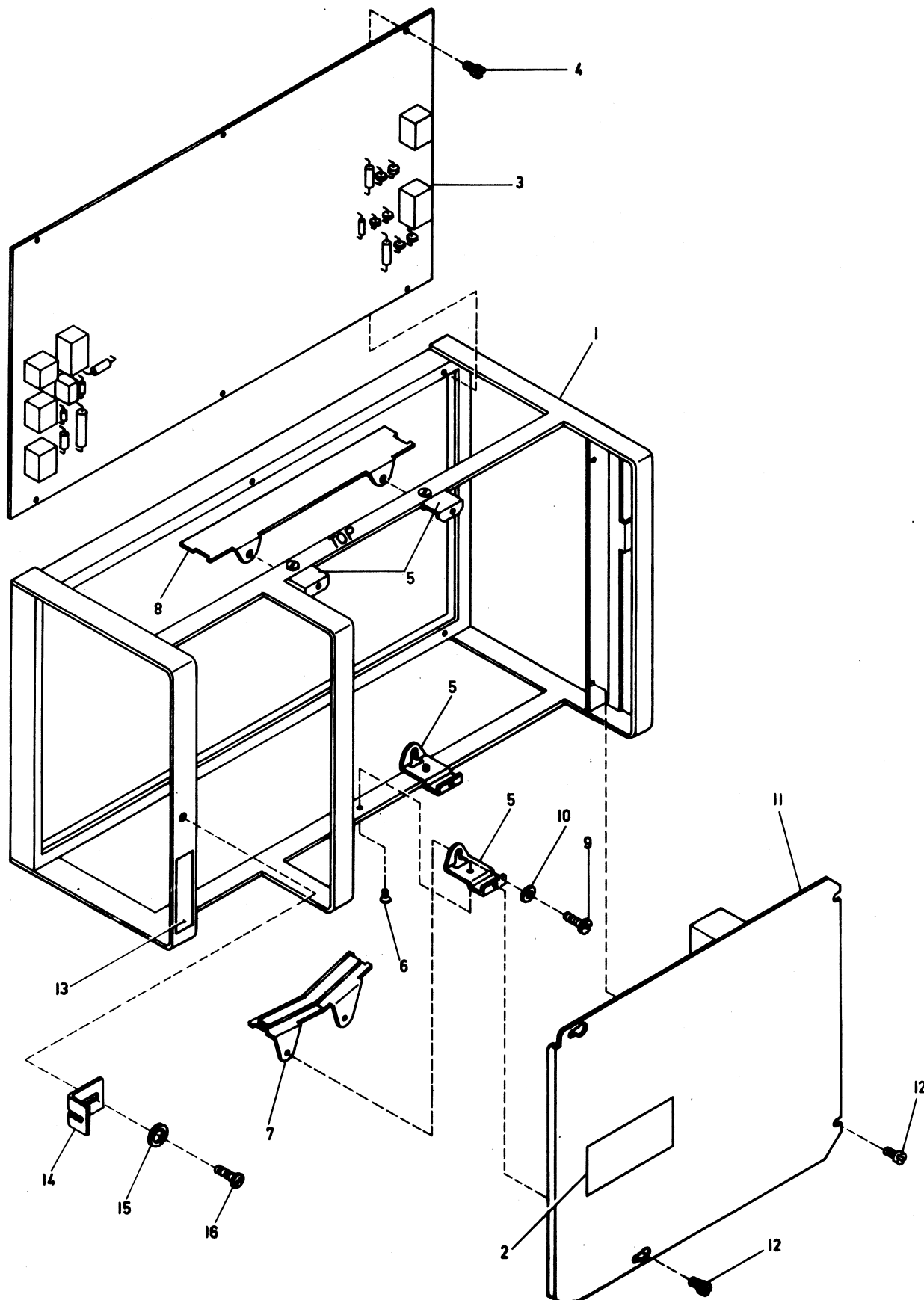


FIGURE 13. POWER SUPPLY ASSEMBLY, PS 105 (SHEET 1 OF 3, INDEX NO. 1 THRU 16)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER SUPPLY ASSEMBLY,PS 105			
13 -	8482659	REF	FRU POWER SUPPLY ASM,PS 105 FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483082	1	• FRAME			
- 2	853073	1	• LABEL			
- 3	8482669	1	• CARD ASM			
- 4	1621190	6	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 5	8483294	4	• BRACKET			
- 6	1621307	4	• SCREW,MACH,FL HD,M4, 6MM LG			
- 7	8483698	1	• SUPPORT			
- 8	8483291	1	• SUPPORT			
- 9	1621190	4	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 10	2125963	4	• WASHER,LCK,INT TEETH,0.168 ID,0.562 OD			
- 11	8483555	1	• COVER			
- 12	1621190	4	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 13	5785130	1	• LABEL			
- 14	8483166	1	• BRACKET			
- 15	2125974	1	• WASHER,LCK,INT TEETH,0.2 ID,0.562 OD			
- 16	1621210	1	• SCREW,MACH,PAN HD,M5, 10MM LG			

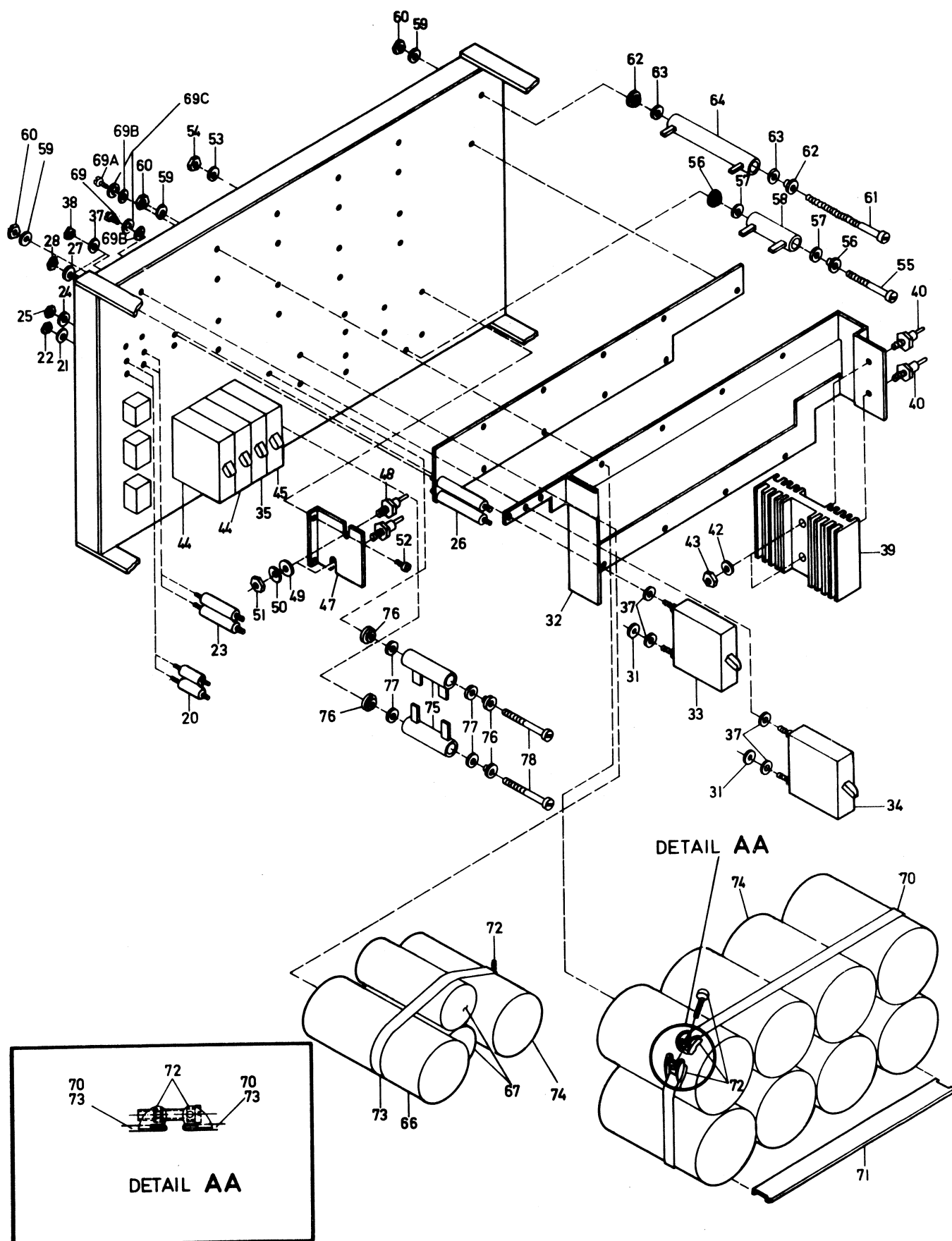


FIGURE 13. POWER SUPPLY ASSEMBLY, PS 105 (SHEET 2 OF 3, INDEX NO. 20 THRU 78)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
13 - 20	8482570	2	. STANDOFF			
- 21	1622304	2	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 22	1622403	2	. NUT,HEX,7MM FL W			
- 23	8482592	2	. STANDOFF			
- 24	1622304	2	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 25	1622403	2	. NUT,HEX,M4, 7MM FL W			
- 26	8482584	1	. BUS			
- 27	1622304	2	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 28	1622403	2	. NUT,HEX,M4, 7MM FL W			
- 31	8482587	2	. WASHER,FL,5.1MM ID,9MM OD,2MM THK			
- 32	8482583	1	. BUS			
- 33	4120609	1	. CIRCUIT PROTECTOR,1 POLE,24 VDC,20A			
- 33	4432645	1	. CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 34	4120610	1	. CIRCUIT PROTECTOR,1 POLE,24 VDC,30A			
- 34	4432646	1	. CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 35	4120606	1	. CIRCUIT PROTECTOR,1 POLE,60 VDC,3A			
- 35	4432641	1	. CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 37	45690	24	. WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 38	11598	12	. NUT,PLAIN,HEX,10-32, 0.375 FL W			
- 39	8482101	1	. HEATSINK			
- 40	4216023	2	. RECTIFIER,SILICON,VA,150V,30A			
- 42	76574	2	. WASHER,LCK,EXT TEETH,0.267 ID,0.51 OD			
- 43	160017	2	. NUT,PLAIN,HEX,1.25-28, 0.437 FL W			
- 44	4120607	2	. CIRCUIT PROTECTOR,1 POLE,60 VDC,4A			
- 44	4432642	2	. CIRCUIT PROTECTOR,SUB PART ON US MACH ONLY			
- 45	4120608	1	. CIRCUIT PROTECTOR,1 POLE,60 VDC,10A			
- 47	589721	1	. HEATSINK			
- 48	4216024	2	. RECTIFIER,SILICON,VA,150V,10A			
- 49	45690	2	. WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 50	56079	2	. WASHER,LCK,EXT ST,0.195 ID,0.41 OD			
- 51	11598	2	. NUT,PLAIN,HEX,10-32, 0.375 FL W			
- 52	1621191	2	. SCREW,MACH,PAN HD,M4, 10MM LG			
- 53	1622346	2	. WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
- 54	1622403	2	. NUT,HEX,M4, 7MM FL W			
- 55	515718	1	. SCREW,FIL HD,8-32, 5.0 LG			
- 56	507144	2	. WASHER,CENTER,0.173 ID,0.625 OD			
- 57	442958	2	. WASHER,MICA,0.438 ID,0.75 OD,0.031 THK			
- 58	591465	1	. RESISTOR,FXD WW,4 OHMS,P/M 10%,50W			
- 59	22478	4	. WASHER,FL,0.17 ID,0.375 OD,0.032 THK			
- 60	257189	4	. NUT,PLAIN,HEX,8-32, 0.344 FL W			
- 61	331982	1	. SCREW,MACH,RD HD,8-32, 1.25 LG			
- 62	510468	2	. WASHER,CENTER,0.177 ID,0.5 OD			
- 63	5888633	2	. WASHER,MICA,0.31 ID,0.75 OD,0.03 THK			
- 64	5261351	1	. RESISTOR,FXD WW,1 OHM,P/M 5%,50W			
- 66	5615515	1	. CAPACITOR,ELEC,230000 MFD,P75 M10%,10 VDCW			
- 67	1649555	2	. CAPACITOR,ELEC,54000 MFD,P75 M10%,10 VDCW			
- 69	332620	8	. SCREW,MACH,BIND HD,10-32, 0.5 LG			
- 69A	55918	16	. USED ON CAPACITOR C9 TO C12			
- 69B	45690	24	. SCREW,MACH,BIND HD,10-32, 0.625 LG			
- 69C	9092	24	. USED ON CAPACITOR C1 TO C8			
- 70	8482052	1	. WASHER,FL,0.203 ID,0.438 OD,0.032 THK			
- 70	8482418	1	. WASHER,LCK,SPLIT RING,0.194 ID,0.337 OD			
- 71	8483295	1	. STRAP,910MM LG,METAL			
- 72	8482053	1	. TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			
- 73	8482052	1	. STRIP			
- 73	8482418	1	. CLAMP			
- 74	1646686	9	. STRAP,525MM LG,METAL			
- 75	5261378	2	. TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			
- 76	507144	4	. CAPACITOR,ELEC,300000 MFD,P75 M10%,7.5 VDCW			
- 77	442958	4	. RESISTOR,FXD WW,2 OHMS,P/M 10%, 50 W			
- 78	331982	2	. WASHER,CENTERING,0.173 ID,0.625 OD			
			. WASHER,MICA,0.438 ID,0.75 OD,0.031 THK			
			. SCREW,MACH,RD HD,8-32, 1.25 LG			

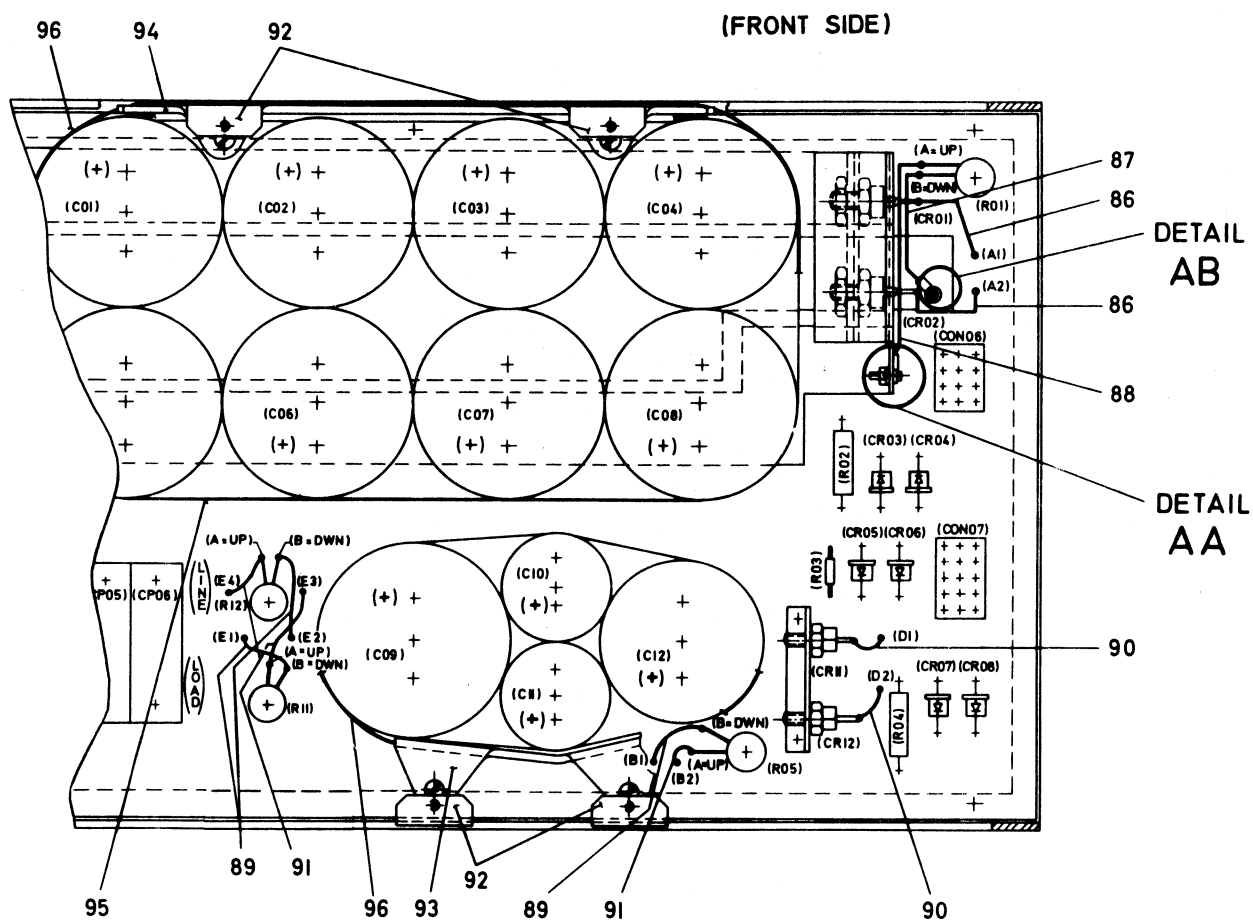
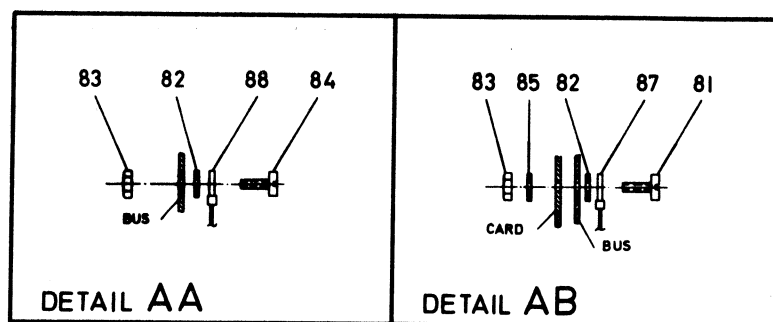


FIGURE 13. POWER SUPPLY ASSEMBLY, PS 105 (SHEET 3 OF 3, INDEX NO. 81 THRU 96)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
13 - 81	1621192	1	• SCREW,MACH,PAN HD,M4, 12MM LG			
- 82	1622334	2	• WASHER,LCK,INT ST,4.3MM ID,8MM OD			
- 83	1622403	2	• NUT,HEX,M4, 7MM FL W			
- 84	1621190	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 85	1622304	1	• WASHER,FL,4.3MM ID,9MM OD,0.8MM THK			
- 86	8482147	2	• JUMPER,110MM LG			
- 87	8482146	1	• JUMPER ASM,100MM LG			
			FOR COMPONENT PARTS SEE FIGURE 21 -1G,-40			
- 88	8482172	1	• JUMPER ASM,100MM LG			
			FOR COMPONENT PARTS SEE FIGURE 21 -1G,-40			
- 89	8482141	3	• JUMPER,100MM LG			
- 90	8482136	2	• JUMPER,100MM LG			
- 91	8482180	3	• JUMPER,200MM LG			
- 92	8483294	4	• BRACKET			
- 93	8483698	1	• SUPPORT			
- 94	8483291	1	• SUPPORT			
- 95	8483295	1	• STRIP			
- 96	8482052	2	• STRAP,METAL			
- 96	8482418	2	• TIE LOCK,STRAP CABLE,PLASTIC,OPTIONAL USAGE			

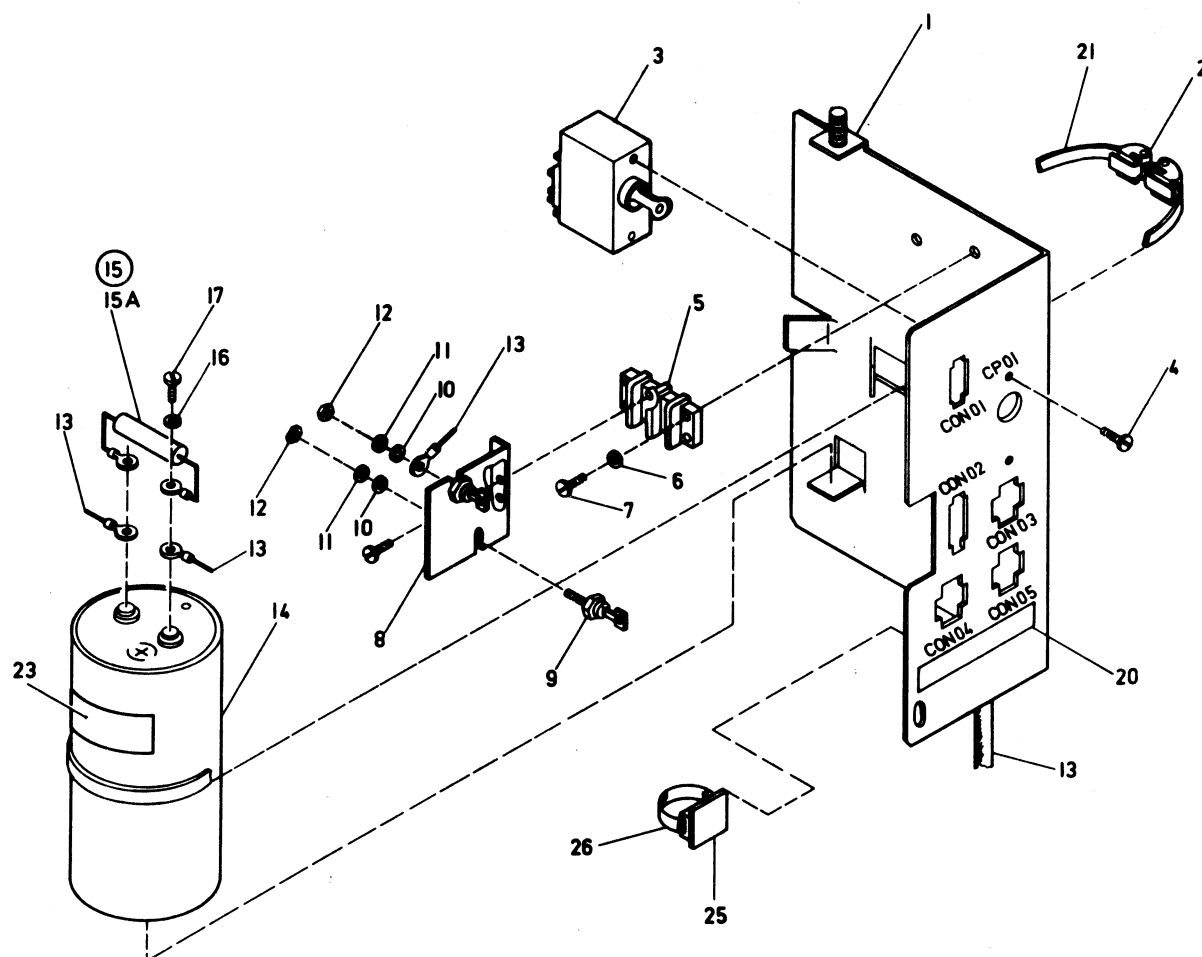


FIGURE 14. POWER SUPPLY ASSEMBLY, PS 103

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			POWER SUPPLY ASSEMBLY, PS 103			
14 -	8482776	REF	FRU POWER SUPPLY ASM, PS 103 USED ON PDL 4 MACH ONLY FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483703	1	• CHASSIS			
- 2	8482053	1	• CLAMP			
- 3	4120612	1	• CIRCUIT PROTECTOR, 1 POLE, 50 VDC, 4A			
- 4	1621170	2	• SCREW, MACH, PAN HD, M3, 6MM LG			
- 5	317193	1	• TERMINAL BLOCK			
- 6	1622346	2	• WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 7	1621192	2	• SCREW, MACH, PAN HD, M4, 12MM LG			
- 8	589721	1	• HEAT SINK			
- 9	4216024	2	• SILICON RECTIFIER, 10A, 150V			
- 10	45690	2	• WASHER, FL, 0.203 ID, 0.438 OD, 0.032 THK			
- 11	56079	2	• WASHER, LCK, EXT TEETH, 0.195 ID, 0.41 OD			
- 12	11598	2	• NUT, PLAIN HEX, 10-32, 0.375 FL W			
- 13	8482904	1	• CABLE ASM, PS 103 INTERN FOR COMPONENT PARTS SEE FIGURE 21 -1L, -1M, -17, -20A, -21C, -40, -60B, -62A, -62B, -63			
- 14	5796427	1	• CAPACITOR, ELEC, 54000 MFD, P75 M10%, 30 VDC			
- 15	8482775	1	• RESISTOR ASM FOR COMPONENT PARTS SEE FIGURE 21 -1K, -40			
- 15A	2102625	1	• . . RESISTOR, FXD, POW, WM, 150 OHMS, P/M5%, 10W			
- 16	56121	2	• WASHER, LCK, INT TEETH, 0.195 ID, 0.381 OD			
- 17	236849	2	• SCREW, MACH, BIND HD, 10-32, 0.25 LG			
- 20	5785130	1	• LABEL			
- 21	8482052	1	• STRAP, 285MM LG			
- 23	853073	1	• LABEL			
- 25	2278668	1	• HOLDER			
- 26	1159913	1	• STRAP, CABLE			

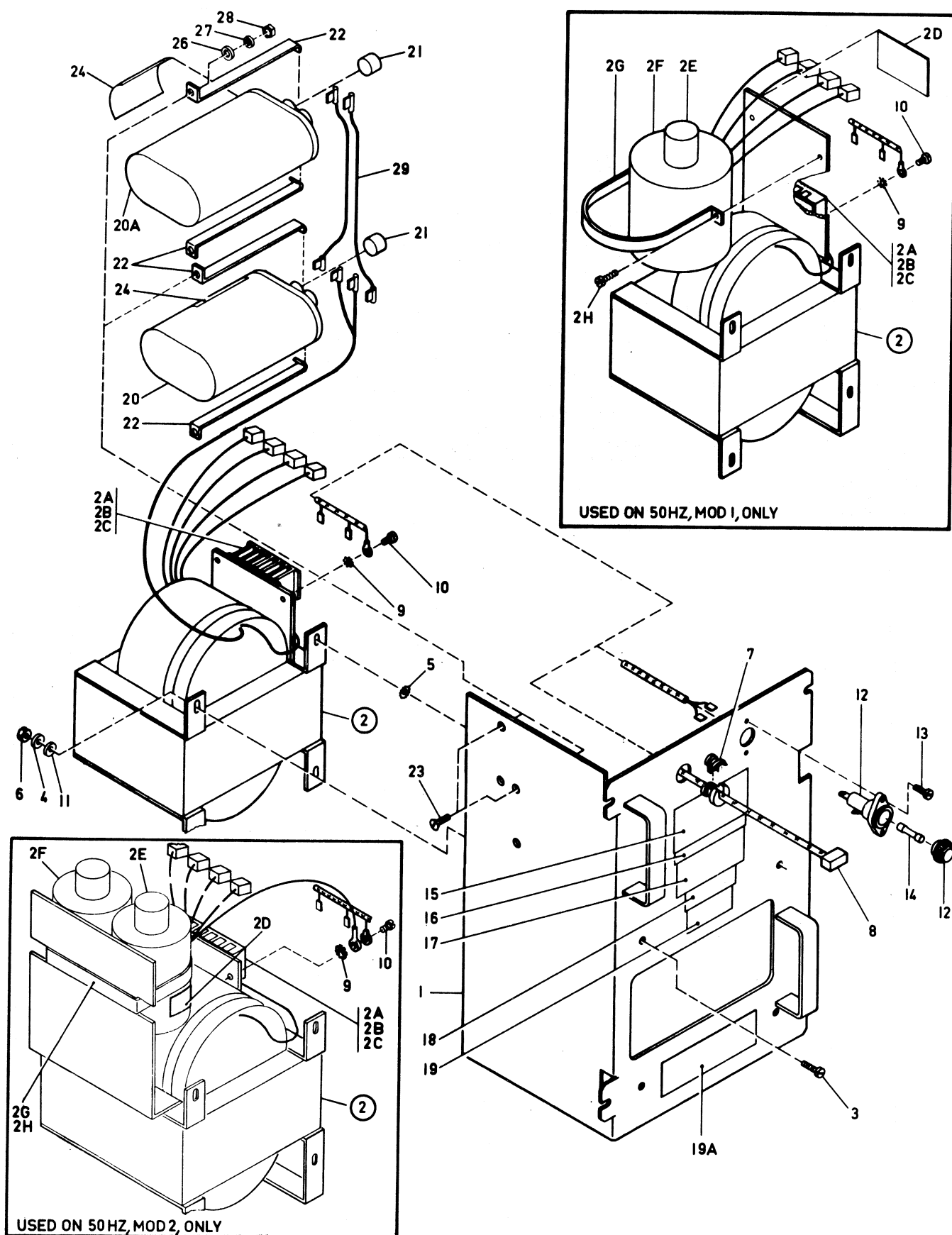


FIGURE 15. TRANSFORMER ASSEMBLY, TR 102

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			TRANSFORMER ASSEMBLIES, TR 102			
15 -	8482682	REF	FRU TRANSFORMER ASM, TR 102, 50 HZ, MOD 1 ONLY			
-	8482692	REF	FRU TRANSFORMER ASM, TR 102, 60 HZ, MOD 1 ONLY			
-	8482680	REF	FRU TRANSFORMER ASM, TR 102, 50 HZ, MOD 2 ONLY			
-	8482690	REF	FRU TRANSFORMER ASM, TR 102, 60 HZ, MOD 2 ONLY			
			FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483172	1	. CHASSIS, 50 HZ, MOD 1			
- 1	8483132	1	. CHASSIS, 60 HZ, MOD 1			
- 1	8483854	1	. CHASSIS, 50 HZ, MOD 2			
- 1	8483871	1	. CHASSIS, 60 HZ, MOD 2			
- 2	4119677	1	. TRANSFORMER ASM, 50 HZ, MOD 1 ONLY			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
			-8B, -20E, -21C, -61A, -61B, -61C, -64			
- 2	4151676	1	. TRANSFORMER ASM, 60 HZ, MOD 1 ONLY			
			FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
			-20E, -21C, -61A, -61B, -61C, -64, -88			
- 2	4119651	1	. TRANSFORMER ASM, 50 HZ, MOD 2 ONLY			
			FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
			-20A, -20E, -21C, -61, -61B, -61C, -64			
- 2	4151688	1	. TRANSFORMER ASM, 60 HZ, MOD 2 ONLY			
			FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
			-20A, -20G, -21C, -61, -61B, -61C, -64			
- 2A	1726309	1	. . TERMINAL BLOCK, 5 POS			
- 2B	1726311	1	. . INSULATOR			
- 2C	1621066	2	. . SCREW, MACH, CHEESE HD, M4, 30MM LG			
- 2D	4120650	AR	. . LABEL, DANGER			
			USED ON 50 HZ MACH ONLY			
- 2E	2722507	AR	. . INSULATOR CAP			
			USED ON 50 HZ MACH ONLY			
- 2F	4120831	1	. . CAPACITOR, PAPER, 20 MFD, P/M63, 660 VACW			
			USED ON 50 HZ, MOD 1 MACH ONLY			
- 2F	4120829	2	. . CAPACITOR, PAPER, 15 MFD, P/M63, 660 VACW			
			USED ON 50 HZ, MOD 2 MACH ONLY			
- 2G	4120496	1	. . CLAMP			
			USED ON 50 HZ, MOD 1 MACH ONLY			
- 2G	8482052	1	. . STRAP, 400MM LG			
			USED ON 50 HZ, MOD 2 MACH ONLY			
- 2H	1621181	2	. . SCREW, MACH, PAN HD, M3.5, 6MM LG			
			USED ON 50 HZ, MOD 1 MACH ONLY			
- 2H	8482053	1	. . CLAMP			
			USED ON 50 HZ, MOD 2 MACH ONLY			
- 3	1621232	4	. SCREW, MACH, PAN HD, M6, 20MM LG			
- 4	2125656	4	. WASHER, LCK, 0.261 ID, 0.875 OD, 0.04 THK			
- 4	1622320	4	. WASHER, LCK, SUB PART ON US MACH ONLY			
- 5	179966	1	. WASHER, LCK, EXT TEETH, 0.312 ID, 0.61 OD			
- 6	1622405	4	. NUT, HEX, M6, 10MM FL W			
- 7	2571362	1	. GROMMET			
- 8	8482379	1	. CABLE ASM, PCC CONNECT TO TR 102			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
			-8B, -20A, -61			
- 9	1622346	1	. WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 10	1621190	1	. SCREW, MACH, PAN HD, M4, 8MM LG			
			USED ON 50 HZ MACH ONLY			
- 10	1621197	1	. SCREW, MACH, PAN HD, M4, 6MM LG			
			USED ON 60 HZ MACH ONLY			
- 11	333769	4	. WASHER, FL, 0.265 ID, 0.875 OD, 0.062 THK			
- 12	92752	1	. FUSEHOLDER			
- 13	1621853	2	. SCREW, THRD FORM, PAN HD, M4, 12MM LG			
- 14	107668	1	. FUSE, CARTRIDGE, 8A, 250V, S8, MOD 1 ONLY			
- 14	107670	1	. FUSE, CARTRIDGE, 15A, 250V, S8, 50 HZ, MOD 2 ONLY			
- 14	107669	1	. FUSE, CARTRIDGE, 10A, 250V, S8, 60 HZ, MOD 2 ONLY			
- 15	2542403	1	. LABEL, WARNING, ENGL			
- 15	4857087	1	. LABEL, WARNING, FRCH/CANAD			
- 16	5785130	1	. LABEL, BLANK			
- 17	8483134	1	. LABEL, CAUTION, ASSEMBLY WEIGHT, ENGL, MOD 2 ONLY			
- 17	8483779	1	. LABEL, CAUTION, ASSEMBLY WEIGHT, FRCH/CANAD, MOD 2 ONLY			
- 18	845762	1	. LABEL, THIS MACHINE, ENGL			
- 18	4857081	1	. LABEL, THIS MACHINE, FRCH/CANAD			
- 19	369207	1	. LABEL, HAZARDOUS AREA, ENGL			
- 19	4701633	1	. LABEL, HAZARDOUS AREA, FRCH/CANAD			
- 19A	6839426	1	. LABEL, CAUTION, HIGH TEMPERATURE, ENGL			
- 19A	6839427	1	. LABEL, CAUTION, HIGH TEMPERATURE, FRCH/CANAD			

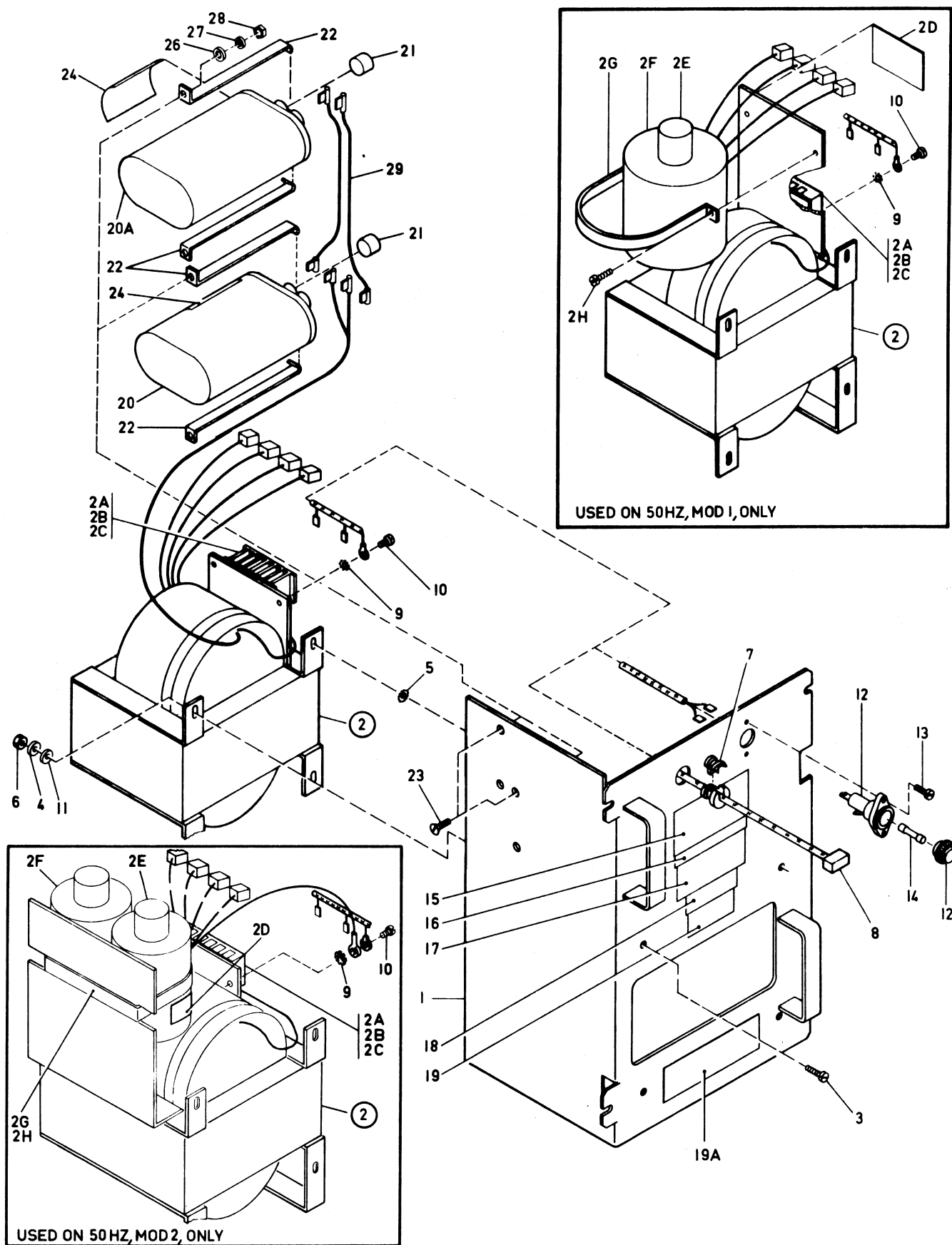


FIGURE 15. TRANSFORMER ASSEMBLY, TR 102, CONTINUED

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
15 - 20	8279052	1	. CAPACITOR,PAPER,15 MFD,P/M6%,660 VACW USED ON 60 HZ,MOD 1 MACH ONLY			
- 20	6814313	1	. CAPACITOR,PAPER,10 MFD,P/M6%,660 VACW USED ON 60 HZ,MOD 2 MACH ONLY			
- 20A	5252841	1	. CAPACITOR,PAPER,8 MFD,P/M6%,660 VACW USED ON 60 HZ,MOD 2 MACH ONLY			
- 21	526378	AR	. INSULATOR CAP USED ON 60 HZ MACH ONLY			
- 22	8483073	2	. CLAMP USED ON 60 HZ,MOD 1 MACH ONLY			
- 22	1143060	4	. CLAMP USED ON 60 HZ,MOD 2 MACH ONLY			
- 23	1621312	2	. SCREW,MACH,FL HD,M4, 20MM LG USED ON 60 HZ,MOD 1 MACH ONLY			
- 23	1621314	4	. SCREW,MACH,FL HD,M4, 30MM LG USED ON 60 HZ,MOD 2 MACH ONLY			
- 24	2582954	AR	. LABEL,DANGER 550 VOLTS USED ON 60 HZ MACH ONLY			
- 26	1622304	4	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK USED ON 60 HZ,MOD 2 MACH ONLY			
- 27	1622318	4	. WASHER,LCK,SPRING,4.1MM ID,7.6MM OD USED ON 60 HZ,MOD 2 MACH ONLY			
- 28	1622403	4	. NUT,HEX,M4, 7MM FL W USED ON 60 HZ,MOD 2 MACH ONLY			
- 29	4124190	2	. JUMPER ASM USED ON 60 HZ,MOD 2 MACH ONLY FOR COMPONENT PARTS SEE FIGURE 21 -64			

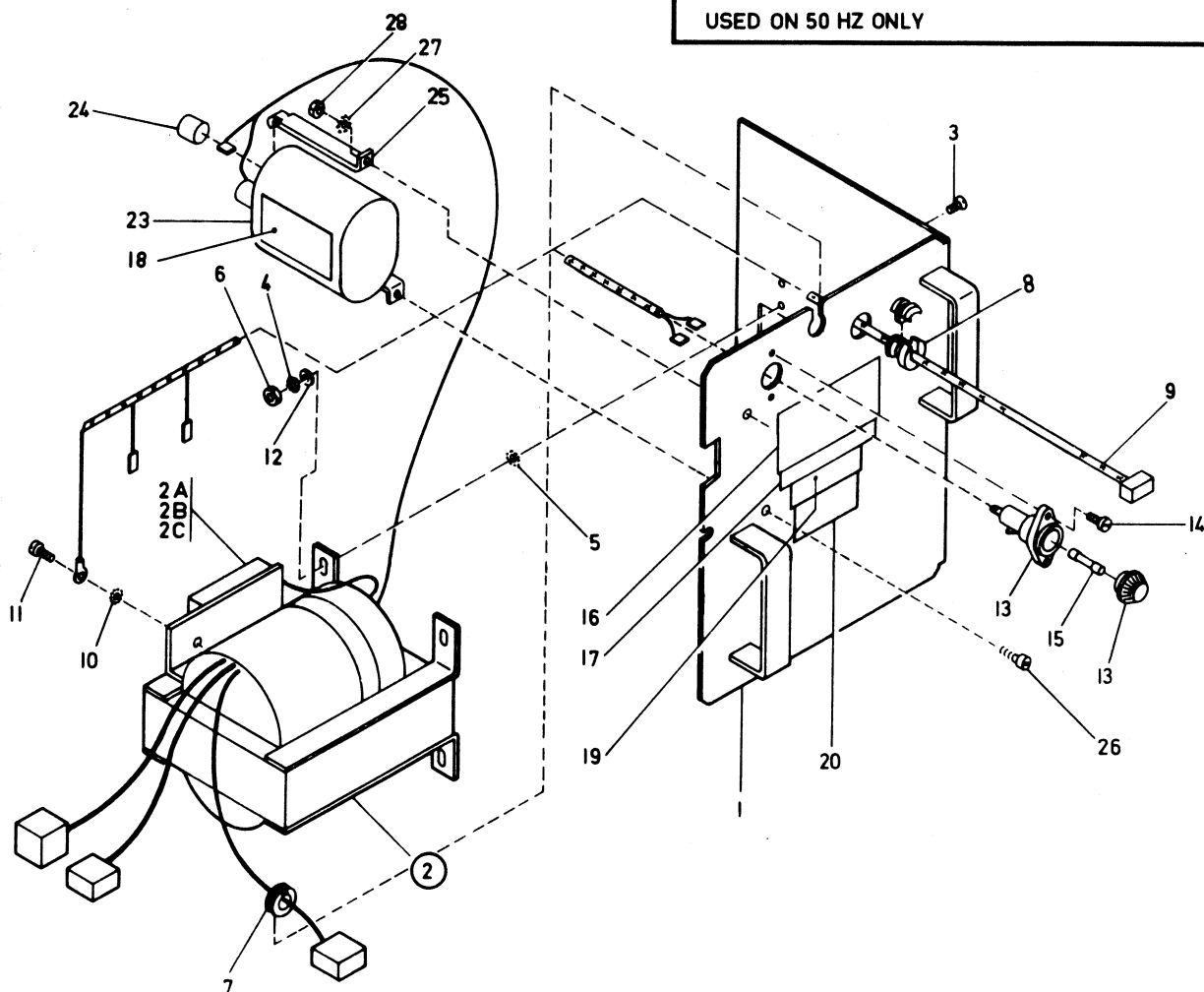
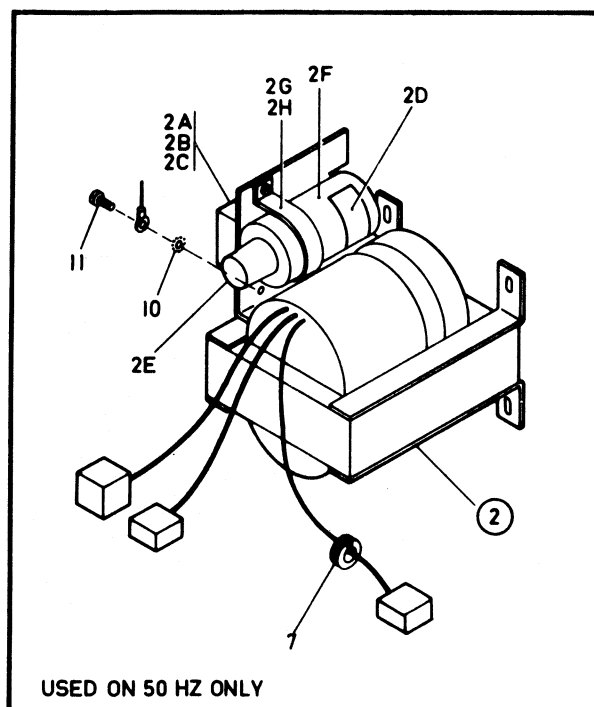


FIGURE 16. TRANSFORMER ASSEMBLY, TR 104, PDL 4

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM	1 2 3 4				DESCRIPTION
TRANSFORMER ASSEMBLIES, TR 104, PDL 4							
16 -	8482684	REF	FRU	TRANSFORMER ASM, TR 104, 50 HZ, PDL 4			
-	8482694	REF	FRU	TRANSFORMER ASM, TR 104, 60 HZ, PDL 4			
				FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483077	1	.	CHASSIS, 50 HZ			
- 1	8483133	1	.	CHASSIS, 60 HZ			
- 2	4119654	1	.	TRANSFORMER ASM, 50 HZ			
				FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
				-20A, -21D, -60A, -61B, -64			
- 2	1310269	1	.	TRANSFORMER ASM, 60 HZ			
				FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
				-20A, -21D, -21F, -60A, -61B, -64			
- 2A	1726309	1	.	TERMINAL BLOCK, 5 PCS			
				USED ON 50 HZ MACH ONLY			
- 2A	1726314	1	.	TERMINAL BLOCK, 4 PCS			
				USED ON 60 HZ MACH ONLY			
- 2B	1726311	1	.	INSULATOR, 5 PCS			
				USED ON 50 HZ MACH ONLY			
- 2B	1726315	1	.	INSULATOR, 4 PCS			
				USED ON 60 HZ MACH ONLY			
- 2C	1621066	2	.	SCREW, MACH, CHEESE HD, M4, 30MM LG			
- 2D	2582954	1	.	LABEL, DANGER			
				USED ON 50 HZ MACH ONLY			
- 2E	2722507	1	.	INSULATOR CAP			
				USED ON 50 HZ MACH ONLY			
- 2F	4120825	1	.	CAPACITOR, PAPER, 5 MFD, P/M63, 660 VACW			
				USED ON 50 HZ MACH ONLY			
- 2G	4120493	1	.	CLAMP			
				USED ON 50 HZ MACH ONLY			
- 2H	1621197	2	.	SCREW, MACH, PAN HD, M4, 6MM LG			
				USED ON 50 HZ MACH ONLY			
- 3	1621322	4	.	SCREW, MACH, FL HD, M5, 16MM LG			
- 4	2125974	4	.	WASHER, LCK, INT TEETH, 0.2 ID, 0.562 OD			
- 4	1622319	4	.	WASHER, LCK, SUB PART ON US MACH ONLY			
- 5	1622347	1	.	WASHER, LCK, EXT ST, 5.3MM ID, 10MM OD			
- 6	1622404	4	.	NUT, HEX, M5, 8MM FL W			
- 7	5050389	1	.	GROMMET			
- 7	53193	1	.	GROMMET, SUB PART ON US MACH ONLY			
- 8	2571362	1	.	GROMMET			
- 9	8482380	1	.	CABLE ASM, PCC CONNECT TO TR 104			
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
				-85, -20A, -60B			
- 10	1622346	1	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 11	1621190	1	.	SCREW, MACH, PAN HD, M4, 8MM LG			
				USED ON 50 HZ MACH ONLY			
- 11	1621197	1	.	SCREW, MACH, PAN FC, M4, 6MM LG			
				USED ON 60 HZ MACH ONLY			
- 12	237032	4	.	WASHER, FL, 0.219 ID, 0.75 OD, 0.062 THK			
- 13	92752	1	.	FUSEHOLDER			
- 14	1621853	2	.	SCREW, THRD FORM, PAN HD, M4, 12MM LG			
- 15	107665	1	.	FUSE, CARTRIDGE, 4A, 250V, SB			
				USED ON 50 HZ MACH ONLY			
- 15	2495470	1	.	FUSE, CARTRIDGE, 3.5A, 250V, SB			
				USED ON 60 HZ MACH ONLY			
- 16	2542403	1	.	LABEL, WARNING, ENGL			
- 16	4857087	1	.	LABEL, WARNING, FRCH/CANAD			
- 17	5785130	1	.	LABEL, BLANK			
- 18	2582954	1	.	LABEL, DANGER 550 VOLTS			
				USED ON 60 HZ MACH ONLY			
- 19	845762	1	.	LABEL, THIS MACHINE, ENGL			
- 19	4857081	1	.	LABEL, THIS MACHINE, FRCH/CANAD			
- 20	369207	1	.	LABEL, HAZARDOUS AREA, ENGL			
- 20	4701633	1	.	LABEL, HAZARDOUS AREA, FRCH/CANAD			
- 23	6814311	1	.	CAPACITOR, PAPER, 4 MFD, P/M63, 660 VACW			
				USED ON 60 HZ MACH ONLY			
- 24	526378	2	.	INSULATOR			
				USED ON 60 HZ MACH ONLY			
- 25	2641241	2	.	CLAMP			
				USED ON 60 HZ MACH ONLY			
- 26	1621194	2	.	SCREW, MACH, PAN HD, M4, 20MM LG			
				USED ON 60 HZ MACH ONLY			
- 27	1622346	2	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
				USED ON 60 HZ MACH ONLY			
- 28	1622403	2	.	NUT, HEX, M4, 7MM FL W			
				USED ON 60 HZ MACH ONLY			

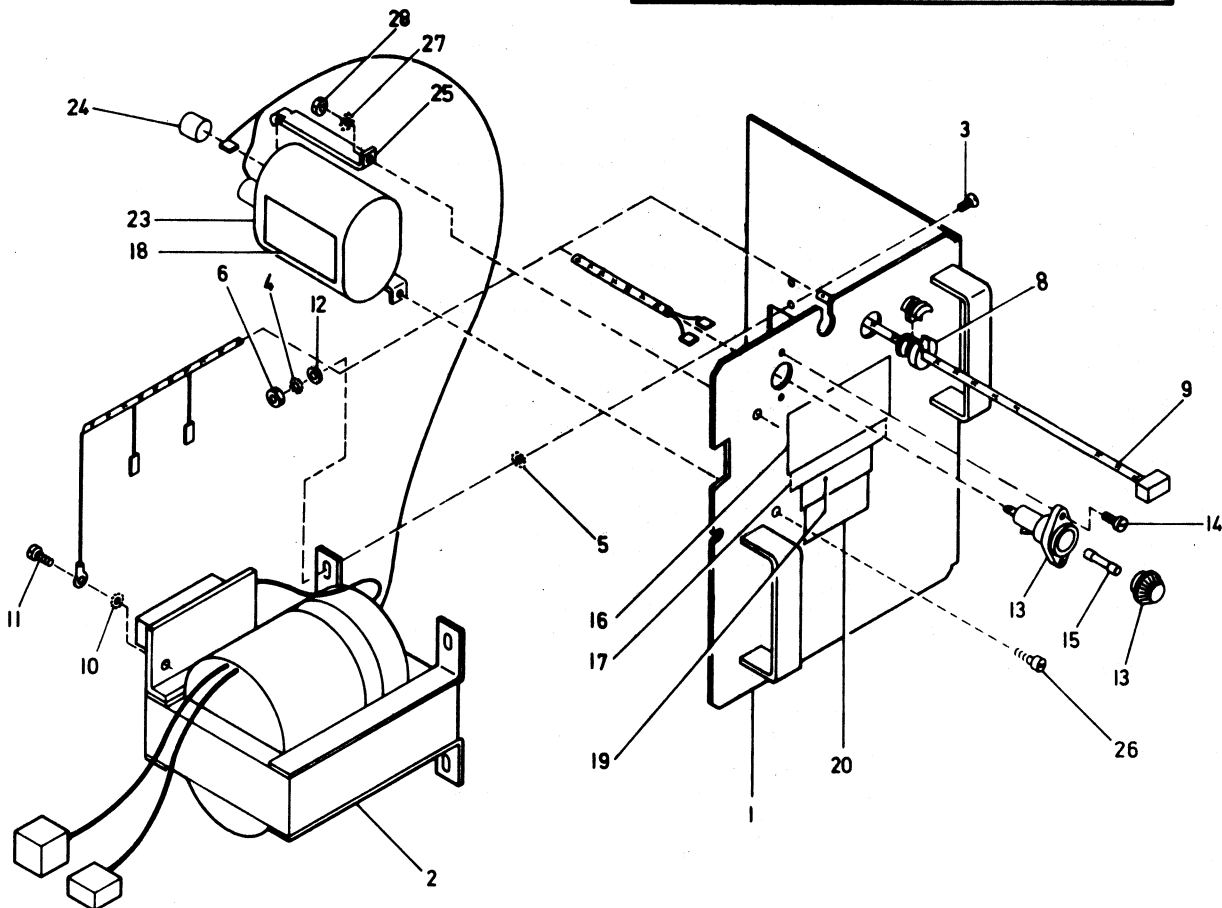
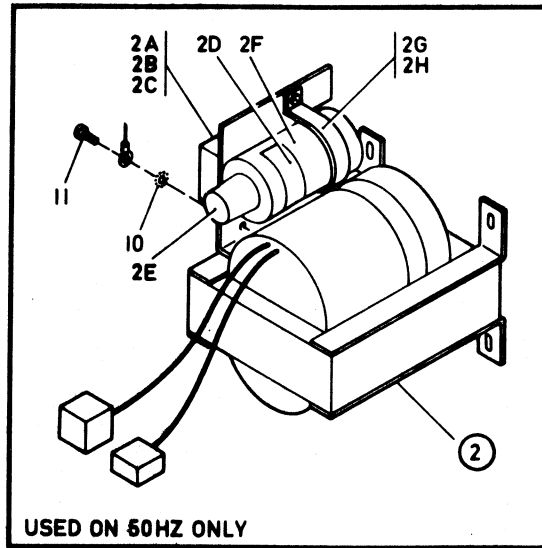


FIGURE 16A. TRANSFORMER ASSEMBLY, TR 104, PDL 5

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			TRANSFORMER ASSEMBLIES, TR 104, PDL 5			
16A-	8482683	REF	FRU	TRANSFORMER ASM, TR 104, 50 HZ, PDL 5		
-	8482693	REF	FRU	TRANSFORMER ASM, TR 104, 60 HZ, PDL 5		
				FOR NEXT HIGHER ASM SEE FIGURE 3		
- 1	8483077	1	.	CHASSIS, 50 HZ		
- 1	8483133	1	.	CHASSIS, 60 HZ		
- 2	4119818	1	.	TRANSFORMER ASM, 50 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H, -8B,		
				-20A, -21D, -61B, -61C, -64		
- 2	4432620	1	.	TRANSFORMER ASM, 60 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -8D, -20A,		
				-21D, -21F, -61B, -61C, -64		
- 2A	1726309	1	.	TERMINAL BLOCK, 5 POS		
				USED ON 50 HZ MACH ONLY		
- 2A	1726314	1	.	TERMINAL BLOCK, 4 POS		
				USED ON 60 HZ MACH ONLY		
- 2B	1726311	1	.	INSULATOR, 5 POS		
				USED ON 50 HZ MACH ONLY		
- 2B	1726315	1	.	INSULATOR, 4 POS		
				USED ON 60 HZ MACH ONLY		
- 2C	1621066	2	.	SCREW, MACH, CHEESE HD, M4, 30MM LG		
- 2D	4120650	1	.	LABEL, DANGER		
				USED ON 50 HZ MACH ONLY		
- 2E	2722507	1	.	INSULATOR CAP		
				USED ON 50 HZ MACH ONLY		
- 2F	4120827	1	.	CAPACITOR, PAPER, 10 MFD, P/M6%, 660 VACW		
				USED ON 50 HZ MACH ONLY		
- 2G	4120494	1	.	CLAMP		
				USED ON 50 HZ MACH ONLY		
- 2H	1621197	2	.	SCREW, MACH, PAN HD, M4, 6MM LG		
				USED ON 50 HZ MACH ONLY		
- 3	1621322	4	.	SCREW, MACH, FL HD, M5, 16MM LG		
- 4	2125974	4	.	WASHER, LCK, INT TEETH, 0.2 ID, 0.562 OD		
- 4	1622319	4	.	WASHER, LCK, SUB PART ON US MACH ONLY		
- 5	1622347	1	.	WASHER, LCK, EXT ST, 5.3MM ID, 10MM OD		
- 6	1622404	4	.	NUT, HEX, M5, 8MM FL W		
- 8	2571362	1	.	GROMMET		
- 9	8482380	1	.	CABLE ASM, PCC CONNECT TO TR 104		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,		
				-8B, -20A, -60B		
- 10	1622346	1	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD		
- 11	1621190	1	.	SCREW, MACH, PAN HD, M4, 8MM LG		
				USED ON 50 HZ MACH ONLY		
- 11	1621197	1	.	SCREW, MACH, PAN HD, M4, 6MM LG		
				USED ON 60 HZ MACH ONLY		
- 12	237032	4	.	WASHER, FL, 0.219 ID, 0.75 OD, 0.062 THK		
- 13	92752	1	.	FUSEHOLDER		
- 14	1621853	2	.	SCREW, THRD FORM, PAN HD, M4, 12MM LG		
- 15	107665	1	.	FUSE, CARTRIDGE, 4A, 250V, SB		
				USED ON 50 HZ MACH ONLY		
- 15	2495470	1	.	FUSE, CARTRIDGE, 3.5A, 250V, SB		
				USED ON 60 HZ MACH ONLY		
- 16	2542403	1	.	LABEL, WARNING, ENGL		
- 16	4857087	1	.	LABEL, WARNING, FRCH/CANAD		
- 17	5785130	1	.	LABEL, BLANK		
- 18	2582954	1	.	LABEL, DANGER 550 VOLTS		
				USED ON 60 HZ MACH ONLY		
- 19	845762	1	.	LABEL, THIS MACHINE, ENGL		
- 19	4857081	1	.	LABEL, THIS MACHINE, FRCH/CANAD		
- 20	369207	1	.	LABEL, HAZARDOUS AREA, ENGL		
- 20	4701633	1	.	LABEL, HAZARDOUS AREA, FRCH/CANAD		
- 23	6814312	1	.	CAPACITOR, PAPER, 6 MFD, P/M6%, 660 VACW		
				USED ON 60 HZ MACH ONLY		
- 24	526378	2	.	INSULATOR		
				USED ON 60 HZ MACH ONLY		
- 25	2641202	2	.	CLAMP		
				USED ON 60 HZ MACH ONLY		
- 26	1621194	2	.	SCREW, MACH, PAN HD, M4, 20MM LG		
				USED ON 60 HZ MACH ONLY		
- 27	1622346	2	.	WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD		
				USED ON 60 HZ MACH ONLY		
- 28	1622403	2	.	NUT, HEX, M4, 7MM FL W		
				USED ON 60 HZ MACH ONLY		

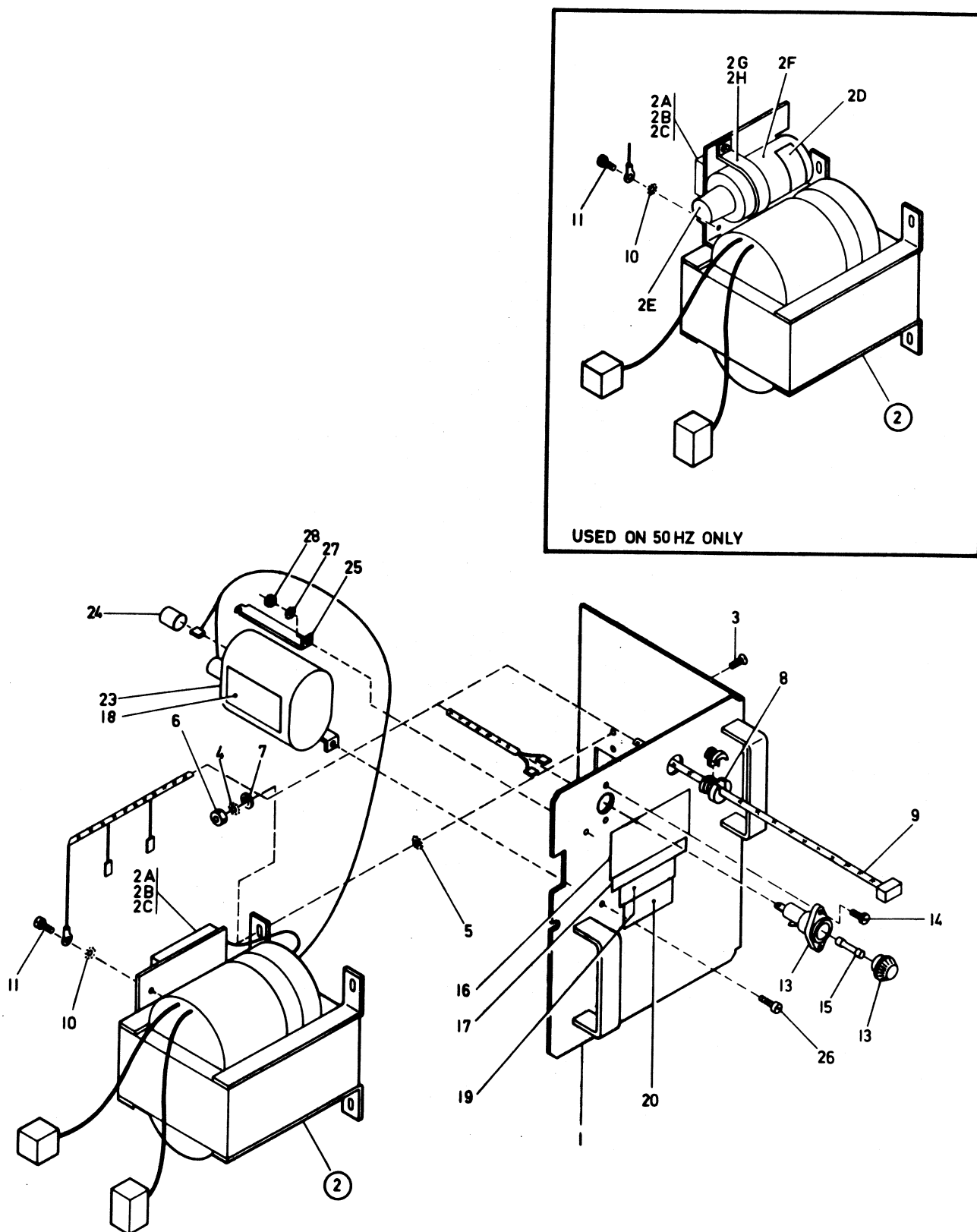


FIGURE 17. TRANSFORMER ASSEMBLY, TR 105

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			TRANSFORMER ASSEMBLIES, TR 105			
17 -	8482685	REF	FRU TRANSFORMER ASM, TR 105, 50 HZ			
-	8482695	REF	FRU TRANSFORMER ASM, TR 105, 60 HZ			
			FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483077	1	. CHASSIS, 50 HZ			
- 1	8483133	1	. CHASSIS, 60 HZ			
- 2	4119652	1	. TRANSFORMER ASM, 50 HZ			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
			-8B, -21C, -21D, -61B, -61C, -64			
- 2	4151674	1	. TRANSFORMER ASM, 60 HZ			
			FOR COMPONENT PARTS SEE FIGURE 21 -8B,			
			-21C, -21D, -40, -61B, -61C, -64, -88			
- 2A	1726309	1	. . TERMINAL BLOCK, 5 POS			
- 2B	1726311	1	. . INSULATOR			
- 2C	1621066	2	. . SCREW, MACH, CHEESE HD, M4, 30MM LG			
- 2D	2582954	1	. . LABEL, DANGER			
			USED ON 50 HZ MACH ONLY			
- 2E	2722507	1	. . INSULATOR CAP			
			USED ON 50 HZ MACH ONLY			
- 2F	4120827	1	. . CAPACITOR, PAPER, 10 MFD, P/M6%, 660 VACW			
			USED ON 50 HZ MACH ONLY			
- 2G	4120494	1	. . CLAMP			
			USED ON 50 HZ MACH ONLY			
- 2H	1621197	2	. . SCREW, MACH, PAN HD, M4, 6MM LG			
			USED ON 50 HZ MACH ONLY			
- 3	1621322	4	. SCREW, MACH, FL HD, M5, 16MM LG			
- 4	2125974	4	. WASHER, LCK, INT TEETH, 0.2 ID, 0.562 OD			
- 4	1622319	4	. WASHER, LCK, SUB PART ON US MACH ONLY			
- 5	1622347	1	. WASHER, LCK, EXT ST, 5.3MM ID, 10MM OD			
- 6	1622404	4	. NUT, HEX, M5, 8MM FL W			
- 7	237032	4	. WASHER, FL, 0.219 ID, 0.75 OD, 0.062 THK			
- 8	2571362	1	. GROMMET			
- 9	8482381	1	. CABLE ASM, PCC CONNECT TO TR 105			
			FOR COMPONENT PARTS SEE FIGURE 21 -1H,			
			-8B, -20A, -61			
- 10	1622346	1	. WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
- 11	1621190	1	. SCREW, MACH, PAN HD, M4, 8MM LG			
			USED ON 50 HZ MACH ONLY			
- 11	1621197	1	. SCREW, MACH, PAN HD, M4, 6MM LG			
			USED ON 60 HZ MACH ONLY			
- 13	92752	1	. FUSEHOLDER			
- 14	1621853	2	. SCREW, THRD FORM, PAN HD, M4, 12MM LG			
- 15	107665	1	. FUSE, CARTRIDGE, 4A, 250V, SB			
- 16	2542403	1	. LABEL, WARNING, ENGL			
- 16	4857087	1	. LABEL, WARNING, FRCH/CANAD			
- 17	5785130	1	. LABEL, BLANK			
- 18	2582954	1	. LABEL, DANGER 550 VOLTS			
			USED ON 60 HZ MACH ONLY			
- 19	845762	1	. LABEL, THIS MACHINE, ENGL			
- 19	4857081	1	. LABEL, THIS MACHINE, FRCH/CANAD			
- 20	369207	1	. LABEL, HAZARDOUS AREA, ENGL			
- 20	4701633	1	. LABEL, HAZARDOUS AREA, FRCH/CANAD			
- 23	6814312	1	. CAPACITOR, PAPER, 5 MFD, P/M6%, 660 VACW			
			USED ON 60 HZ MACH ONLY			
- 24	526378	2	. INSULATOR CAP			
			USED ON 60 HZ MACH ONLY			
- 25	4121202	2	. CLAMP			
			USED ON 60 HZ MACH ONLY			
- 26	1621195	2	. SCREW, MACH, PAN HD, M4, 25MM LG			
			USED ON 60 HZ MACH ONLY			
- 27	1622346	2	. WASHER, LCK, EXT ST, 4.3MM ID, 8MM OD			
			USED ON 60 HZ MACH ONLY			
- 28	1622403	2	. NUT, HEX, M4, 7MM FL W			
			USED ON 60 HZ MACH ONLY			

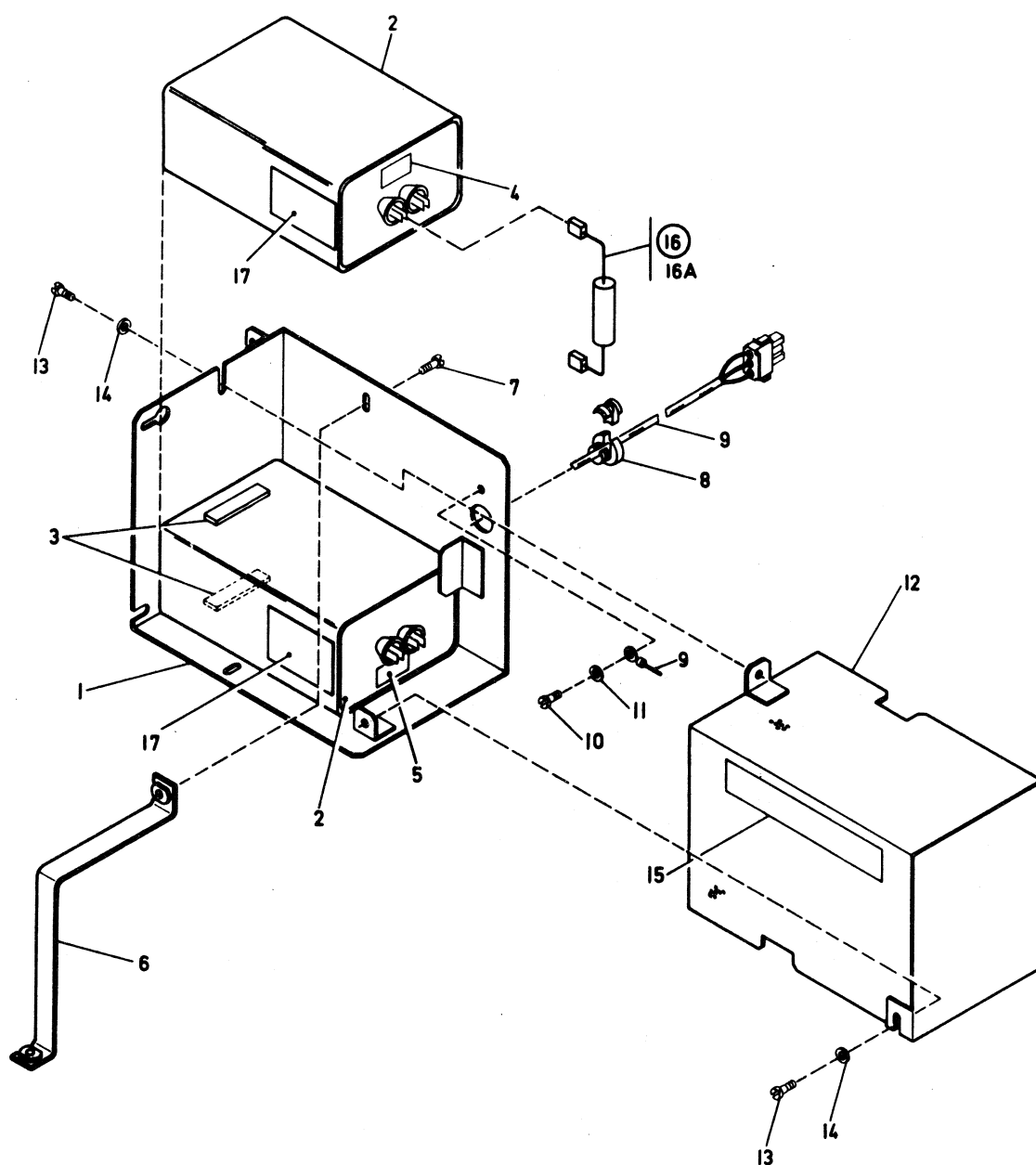


FIGURE 17A. REACTIVE POWER COMPENSATOR ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			REACTIVE POWER COMPENSATOR ASSEMBLY			
17A-	8482987	REF	FRU REACTIVE POWER COMPENSATOR ASM USED ON MOD 2 ONLY FOR NEXT HIGHER ASM SEE FIGURE 3			
- 1	8483821	1	• BRACKET			
- 2	5252822	2	• CAPACITOR,PAPER,60 MFD,P/M6%, 330 VACW			
- 3	819299	2	• SEAL,47MM LG			
- 4	8483825	1	• LABEL,C01			
- 5	8483826	1	• LABEL,C02			
- 6	8483823	1	• CLAMP,CAPACITOR MTG			
- 7	1621193	2	• SCREW,MACH,PAN HD,M4, 16MM LG			
- 8	2571362	1	• GROMMET			
- 9	8482912	1	• CABLE ASM,PCC CON 09 TO RCP FOR COMPONENT PARTS SEE FIGURE 21 -1H, -8B,-25A,-60A			
- 10	1621190	1	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 11	1622346	1	• WASHER,LCK,EXT ST,4.3MM ID,8MM OD			
- 12	8483822	1	• COVER			
- 13	1621190	2	• SCREW,MACH,PAN HD,M4, 8MM LG			
- 14	2125963	2	• WASHER,LCK,INT TEETH,0.168 ID,0.562 OD			
- 15	8483824	1	• LABEL,CAUTION,ENGL			
- 15	8483853	1	• LABEL,CAUTION,FRCH/CANAD			
- 16	8482911	1	• RESISTOR ASM FOR COMPONENT PARTS SEE FIGURE 21 -17			
- 16A	253329	1	• . RESISTOR,FXD,WM,35000 OHMS,P/M 10%,10W			
- 17	2582954	2	• LABEL,DANGER 550 VOLTS			

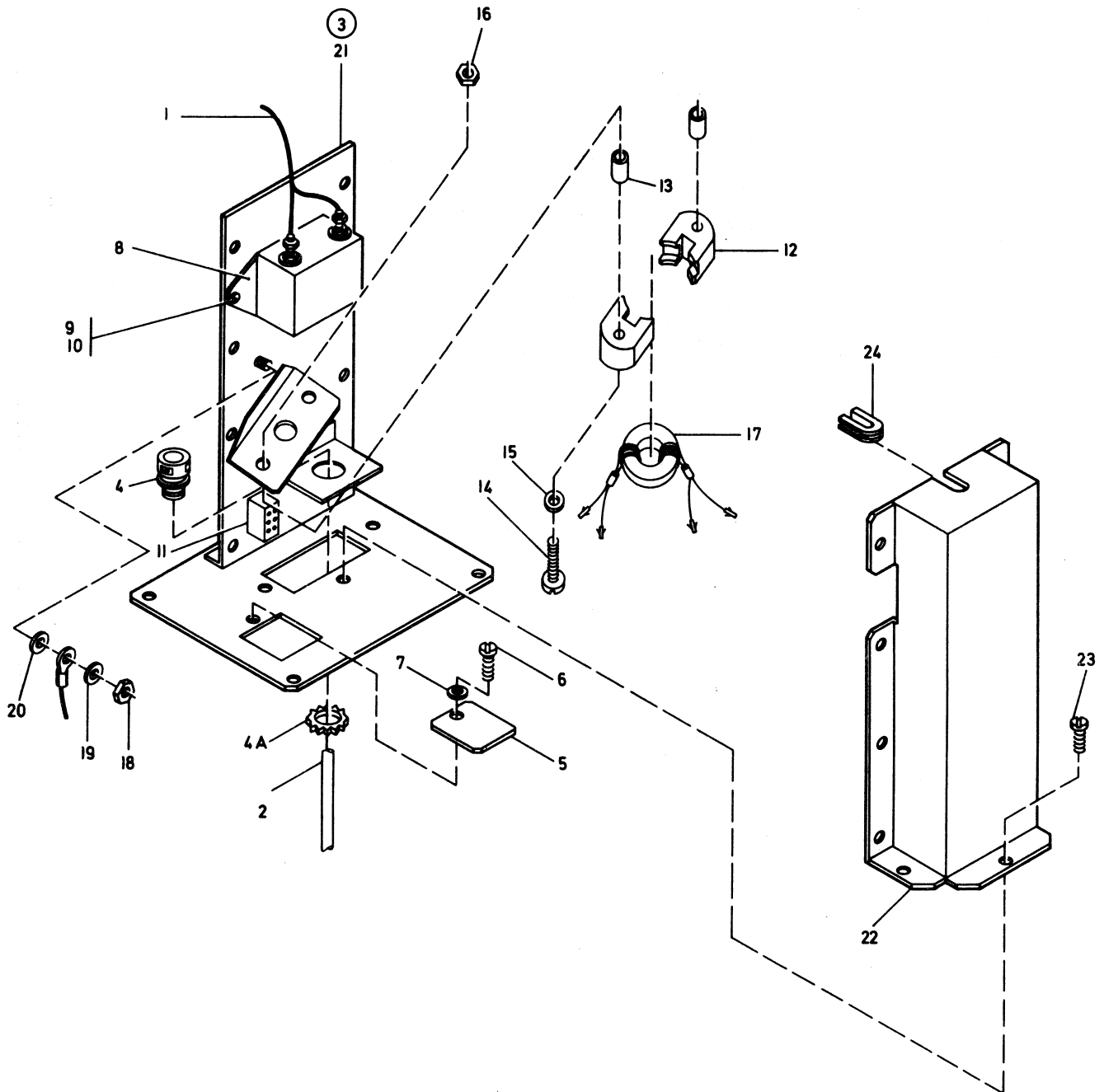


FIGURE 18. LINE CORD AND FILTER ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			LINE CORD AND FILTER ASSEMBLIES			
18 -	8482964	REF	FRU	FILTER ASM,USA 60 HZ		
-	8482965	REF	FRU	FILTER ASM,WTC 50/60 HZ		
-	8482966	REF	FRU	FILTER ASM,JAPAN 50/60 HZ		
-	8482967	REF	FRU	FILTER ASM,CHICAGO 60 HZ		
				FOR NEXT HIGHER ASM SEE FIGURE 3		
- 1	8482923	1	.	CABLE ASM,LINE FILTER TO CP 01		
- 2	8482388	1	.	LINE CORD ASM,WTC,50/60 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,-1M,-40,-43B		
- 2	8482389	1	.	LINE CORD ASM,USA,60 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,-40,-43A		
- 2	8482390	1	.	LINE CORD ASM,JAPAN,50/60 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,-40		
- 2	8482391	1	.	LINE CORD ASM,CHICAGO,60 HZ		
				FOR COMPONENT PARTS SEE FIGURE 21 -1H,-40,-89		
- 3	8482963	1	.	FILTER ASM,50/60 HZ		
- 4	8483910	1	.	CLAMP,CABLE,6MM THRU 16MM ID,PLASTIC		
- 4A	8483911	1	.	NUT,PGL6,PLASTIC		
- 5	8483693	1	.	PLATE		
- 6	1621170	1	.	SCREW,MACH,PAN HD,M3, 6MM LG		
- 7	1622316	1	.	WASHER,LCK,SPRING,3.1MM ID,6.2MM OD		
- 8	1862652	1	.	LINE FILTER,CORCOM		
- 9	1621170	2	.	SCREW,MACH,PAN HD,M3, 6MM LG		
- 10	1622332	2	.	WASHER,LCK,INT ST,3.2MM ID,6MM OD		
- 11	1847531	1	.	HOUSING,6 CIRCUIT UNIVERSAL		
- 12	8483408	2	.	FASTENER		
- 13	8483417	2	.	SPACER		
- 14	1621196	2	.	SCREW,MACH,PAN HD,M4, 30MM LG		
- 15	1622304	2	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
- 16	1622403	2	.	NUT,HEX,M4, 7MM FL W		
- 17	8483559	1	.	CORE AND WIRE ASM		
				FOR COMPONENT PARTS SEE FIGURE 21 -21C		
- 18	1622403	1	.	NUT,HEX,M4, 7MM FL W		
- 19	1622304	1	.	WASHER,FL,4.3MM ID,9MM OD,0.8MM THK		
- 20	1622346	1	.	WASHER,LCK,EXT ST,4.3MM ID,8MM OD		
- 21	8483760	1	.	SUPPORT FILTER		
- 22	8483761	1	.	COVER		
- 23	1621170	11	.	SCREW,MACH,PAN HD,M3, 6MM LG		
- 24	480755	1	.	CHANNEL		

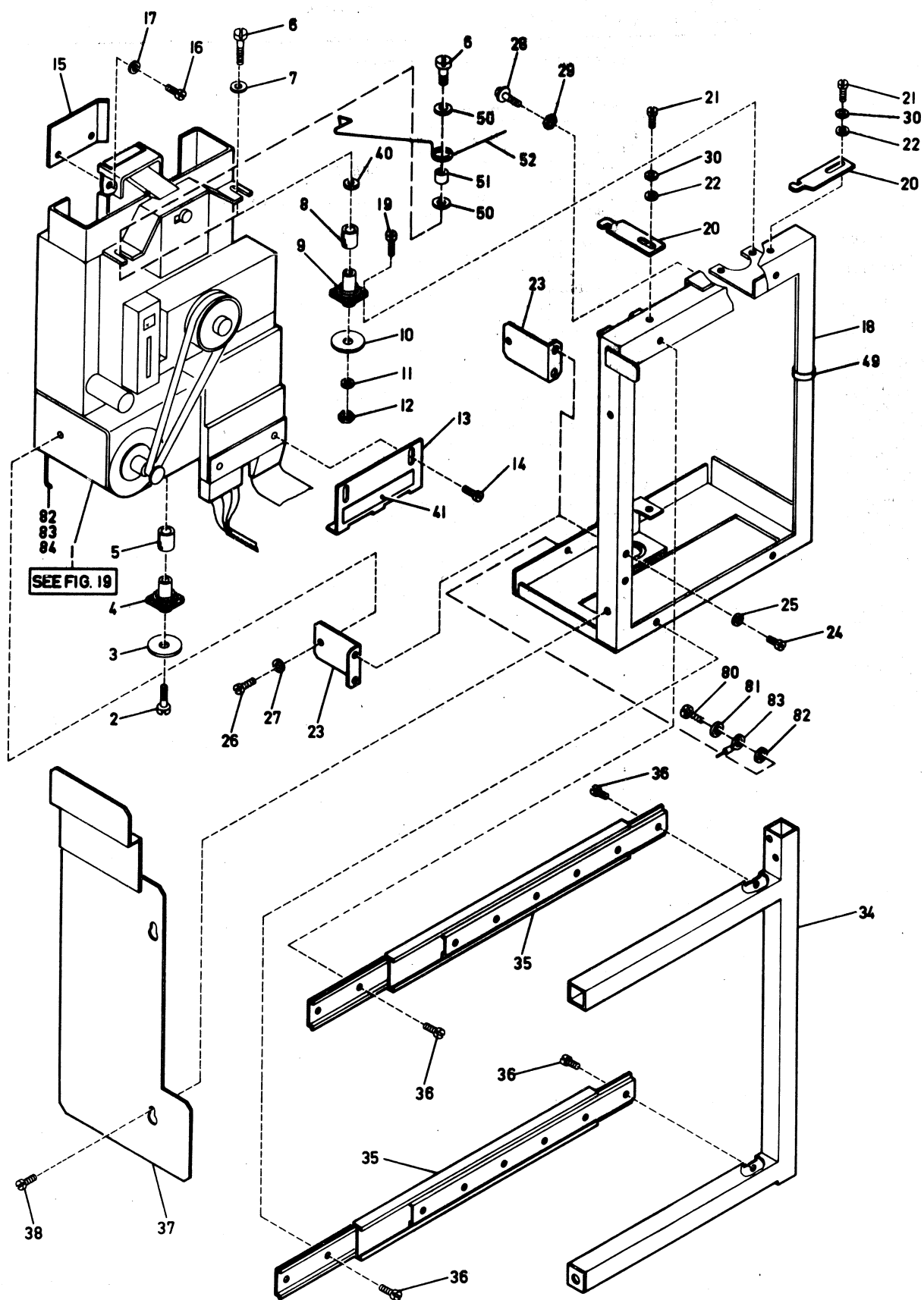


FIGURE 18A. FILE DRIVE AND FRAME ASSEMBLY

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
			1 2 3 4
			FILE DRIVE AND FRAME ASSEMBLIES
18A-	8483787	REF	FILE DRIVE AND FRAME ASM,50 HZ,RH
	8483788	REF	FILE DRIVE AND FRAME ASM,60 HZ,RH
	8483906	REF	FILE DRIVE AND FRAME ASM,50 HZ,LH
	8483905	REF	FILE DRIVE AND FRAME ASM,60 HZ,LH
			FOR NEXT HIGHER ASM SEE FIGURE 2
- 1	4178002	1	. FRU FILE ASM,50 HZ,53 FD
- 1	4178000	1	. FRU FILE ASM,60 HZ,53 FD
			FOR NEXT HIGHER ASM SEE FIGURE 19
- 2	438568	1	. . SCREW,MACH,BIND HD,6-32, 1.125 LG
- 3	2278074	1	. . WASHER,FL,0.88 OD
- 4	2280710	1	. . SHOCKMOUNT,BOTTOM
- 5	2278073	1	. . COLLAR
- 6	438570	2	. . SCREW,MACH,BIND HD,6-32, 1.5 LG
- 7	631865	2	. . WASHER,FL,0.147 ID,0.406 OD,0.031 THK
- 8	2278073	2	. . COLLAR
- 9	2305625	2	. . SHOCKMOUNT, TOP
- 10	2278074	2	. . WASHER,FL,0.88 OD
- 11	6364	2	. . WASHER,LCK,SPLIT,0.141 ID,0.253 OD
- 12	257187	2	. . NUT,HEX,6-32, 0.312 FL W
- 13	1896774	1	. HOLDER
- 14	438567	2	. SCREW,MACH,BIND HD,6-32, 25.4MM LG
- 15	8483903	1	. ACTUATING PLATE
			USED ON ASM 8483787/88 ONLY
- 16	1621190	2	. SCREW,MACH,PAN HD,M4, 8MM LG
			USED ON ASM 8483787/88 ONLY
- 17	1622318	2	. WASHER,LCK,SPRING,4.1MM ID,7.6MM OD
			USED ON ASM 8483787/88 ONLY
- 18	8483135	1	. FRAME
- 19	1621170	6	. SCREW,MACH,PAN HD,M3, 6MM LG
- 20	8483782	2	. PLATE,SHIPPING
- 21	1621197	2	. SCREW,MACH,PAN HD,M4, 6MM LG
- 22	1622304	2	. WASHER,FL,4.3MM ID,9MM OD,0.8MM THK
- 23	8483781	1	. BRACKET,SHIPPING
- 24	1621197	2	. SCREW,MACH,PAN HD,M4, 6MM LG
- 25	2125963	2	. WASHER,LCK,INT TEETH,0.168 ID,0.562 OD
- 26	2181004	1	. SCREW,THRD FORM,HEX WSHR HD,10-32, 0.375 LG
- 27	9092	1	. WASHER,LCK,SPLIT,0.194 ID,0.337 OD
- 28	8483228	1	. SCREW,BUMPER
- 29	1622403	1	. NUT,HEX,M4, 7MM FL W
- 30	1622318	2	. WASHER,LCK,SPRING,4.1MM ID,7.6MM OD
- 34	8483915	1	. SUPPORT,FRAME,WT
- 34	8483137	1	. SUPPORT,FRAME,US
- 35	8483125	2	. TELESCOPE SLIDE
- 36	1621307	8	. SCREW,MACH,FL HD,M4, 6MM LG
- 37	8483144	1	. COVER
- 38	1621197	2	. SCREW,MACH,PAN HD,M4, 6MM LG
- 40	631865	2	. WASHER,FL,0.147 ID,0.406 OD,0.031 THK
- 41	8483869	1	. LABEL,CONN A01,A02
- 49	524519	8	. CABLE TIE
- 50	125145	2	. WASHER,FL,0.14 ID,0.5 OD,0.031 THK
			USED ON ASM 8483787/88 ONLY
- 51	8483901	1	. SPACER
			USED ON ASM 8483787/88 ONLY
- 52	8483902	1	. SPRING,TORSION
			USED ON ASM 8483787/88 ONLY
- 80	1621190	1	. SCREW,MACH,PAN HD,M4, 8MM LG
- 81	1622318	1	. WASHER,LCK,SPRING,4.1MM ID,7.6MM OD
- 82	1622346	2	. WASHER,LCK,EXT ST,4.3MM ID,8MM OD
- 83	8483909	1	. JUMPER ASM,GND,80MM LG
			FOR COMPONENT PARTS SEE FIGURE 21 -1H
- 84	1621190	1	. SCREW,MACH,PAN HD,M4, 8MM LG
			USED ON JAPAN MACH ONLY

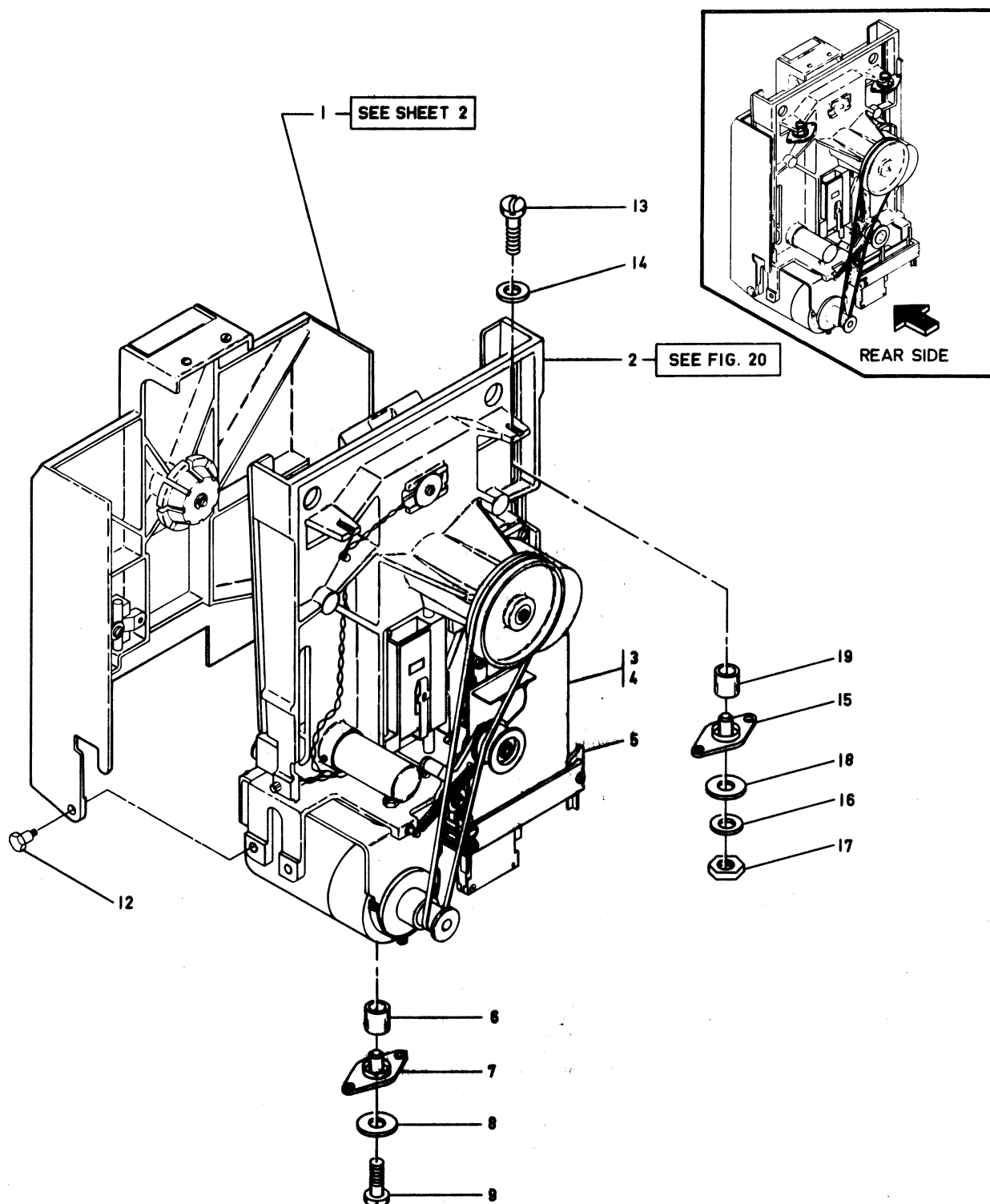


FIGURE 19. DISKETTE STORAGE DRIVE ASSEMBLY (SHEET 1 OF 2, INDEX NO. 1 THRU 19)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			DISKETTE STORAGE DRIVE ASSEMBLIES, 53 FD			
19 -	4178000	REF	FRU	DRIVE ASM, STANDARD, 60 HZ, 200/230V, VERTICAL, 53 FD		
-	4178002	REF	FRU	DRIVE ASM, STANDARD, 50 HZ, 200/230V, VERTICAL, 53 FD		
- 1	5562031	1	.	COVER ASM		
- 2	4178025	1	.	BASE PLATE ASM		
				THIS ASM IS NOT RECOMMENDED FOR FIELD REPLACEMENT		
- 3	XXXXXXX	1	.	FRU CARD ASM		
				REFER TO CARD REF LIST PA 010 PAGE 1 AND 2 AND		
- 4	811804	1	.	GUIDE, CARD, DBL, 12 PAC		
- 5	5562116	2	.	RETAINER		
- 6	2278073	1	.	COLLAR		
- 7	2280710	1	.	SHOCKMOUNT, BOTTOM		
- 8	2278074	1	.	WASHER, FL, 0.88 OD		
- 9	438568	1	.	SCREW, MACH, BIND HD, 6-32, 1.125 LG		
- 12	2305553	2	.	PIVOT SCREW		
- 13	438570	2	.	SCREW, MACH, BIND HD, 6-32, 1.5 LG		
- 14	631865	2	.	WASHER, FL, 0.147 ID, 0.406 OD, 0.031 THK		
- 15	2305625	2	.	SHOCKMOUNT, TOP		
- 16	6364	2	.	WASHER, LCK, SPLIT, 0.141 ID, 0.253 OD		
- 17	257187	2	.	NUT, HEX, 6-32, 0.312 FL W		
- 18	2278074	2	.	WASHER, FL, 0.88 OD		
- 19	2278073	2	.	COLLAR		

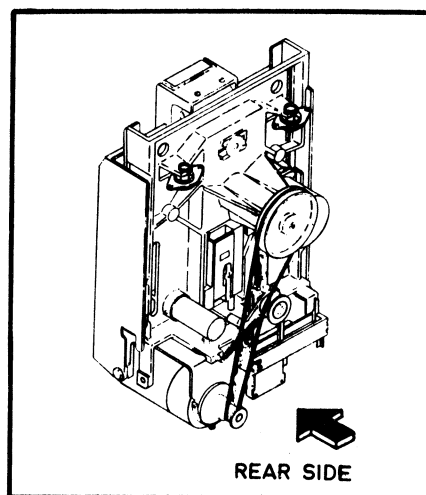
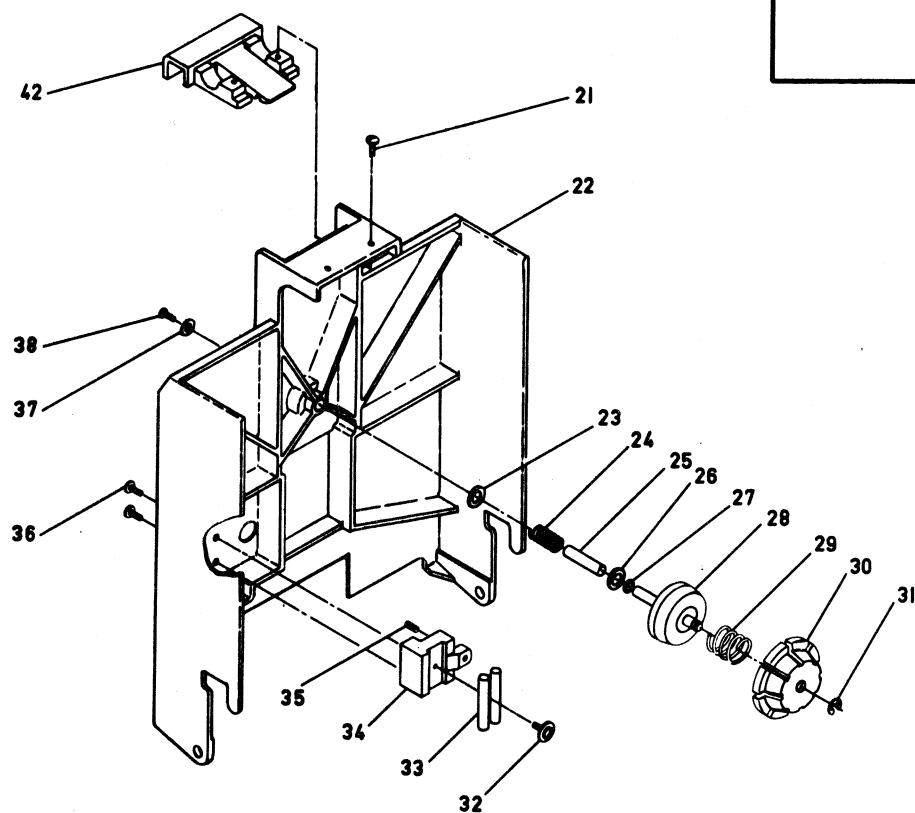


FIGURE 19. DISKETTE STORAGE DRIVE ASSEMBLY (SHEET 2 OF 2, INDEX NO. 21 THRU 42)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
19 -	5562031	REF	. COVER ASM FOR NEXT HIGHER ASM SEE FIGURE 19 SHEET 1			
- 21	322550	2	. . SCREW,MACH,BIND HD,6-32, 0.5 LG			
- 22	5562062	1	. . COVER			
- 23	120571	1	. . WASHER,FL,0.281 ID,0.625 OD,0.062 THK			
- 24	2305646	1	. . SPRING			
- 25	2305462	1	. . SLEEVE COLLET			
- 26	25018	1	. . WASHER,FL,0.255 ID,0.5 OD,0.046 THK			
- 27	555427	1	. . SHIM			
- 28	2305526	1	. . SHAFT ASM			
- 29	2305647	1	. . SPRING			
- 30	2305644	1	. . COLLET			
- 31	332747	1	. . CLIP			
- 32	1164265	1	. . SCREW AND WASHER,6-32, 0.375 LG			
- 33	5562019	2	. . TIMING PIN			
- 34	5562084	1	. . BACKSTOP			
- 35	311167	1	. . SETSCREW,NYLOK,10-32, 0.375 LG			
- 36	81693	2	. . SCREW,MACH,BIND HD,6-32, 0.375 LG			
- 37	2903	1	. . WASHER,FL,0.172 ID,0.5 OD,0.031 THK			
- 38	34512	1	. . SCREW,MACH,BIND HD,8-32, 0.375 LG			
- 42	2305650	1	. . LATCH			

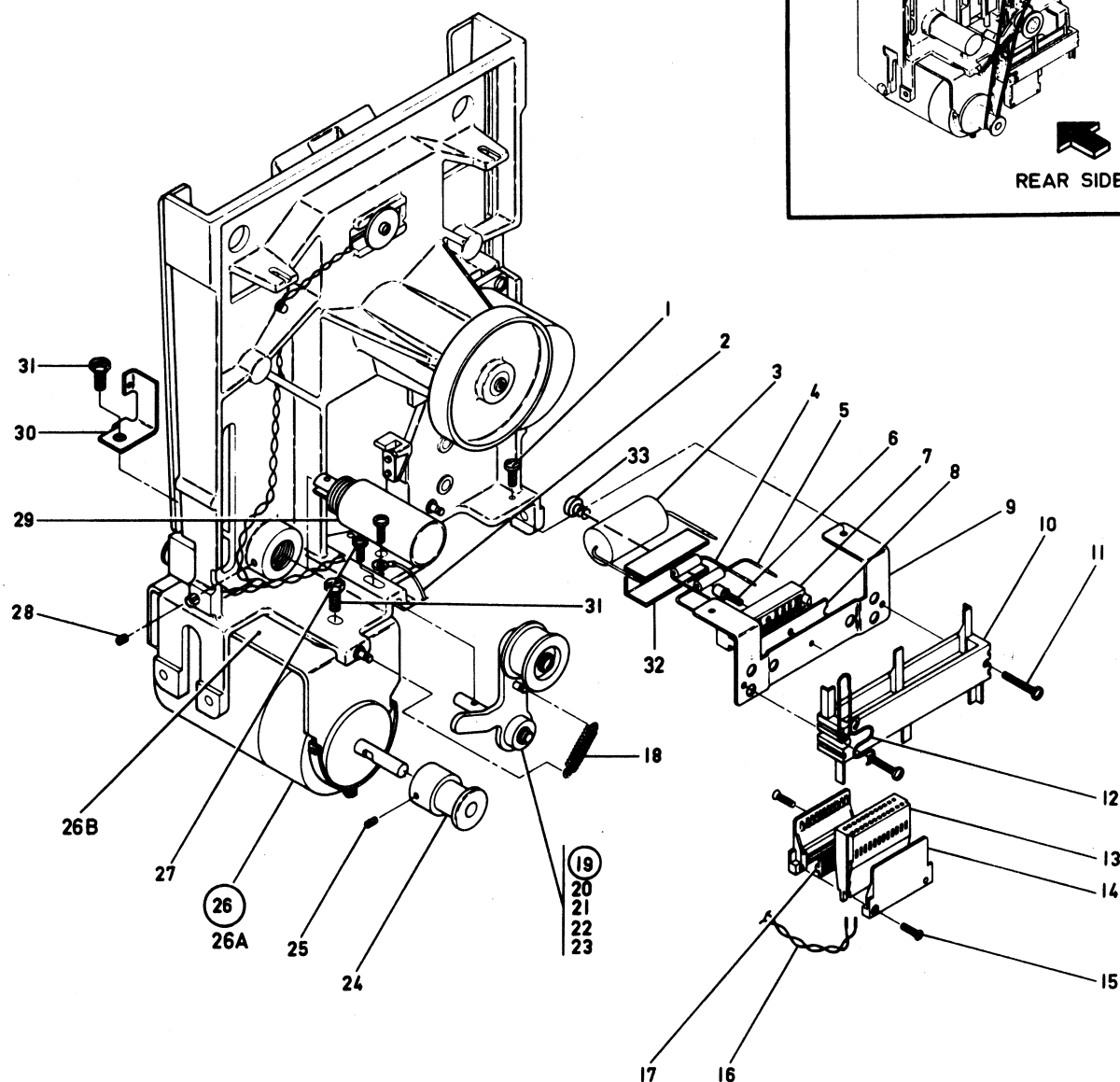
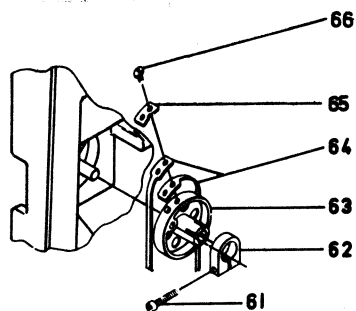
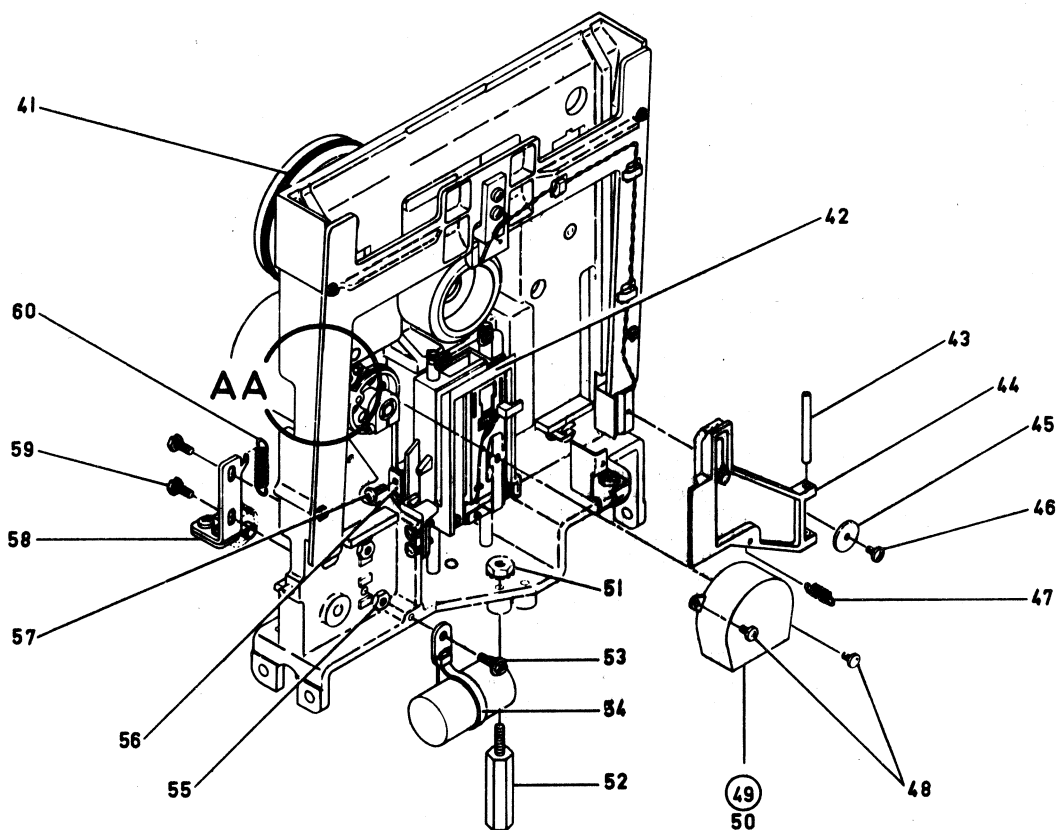
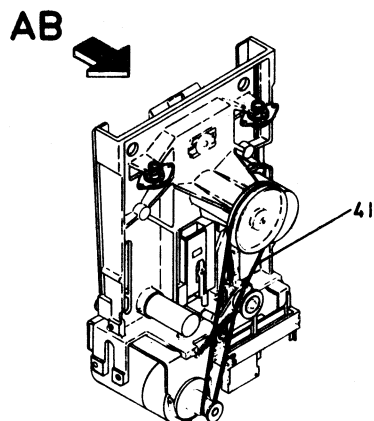


FIGURE 20. BASEPLATE ASSEMBLY (SHEET 1 OF 3, INDEX NO. 1 THRU 33)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	1 2 3 4	DESCRIPTION
				BASEPLATE ASSEMBLY
20 -	4178025	REF		BASE PLATE ASM STANDARD THIS ASM IS NOT RECOMMENDED FOR FIELD REPLACEMENT FOR NEXT HIGHER ASM SEE FIGURE 19
- 1	81693	2		. SCREW,MACH,BIND HD,6-32, 0.375 LG
- 2	2305598	1		. GROUND JUMPER,6LG
- 3	2103010	1		FOR COMPONENT PARTS SEE FIGURE 21 -10,-18C
- 4	5562096	1		. CAPACITOR ASM,250 MFD,P150 M10%,50 VDCW USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 5	2127635	1		. RESISTOR ASM,28 OHMS USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 6	2592384	1		. RESISTOR ASM,160 OHMS,P/M5%,0.5W USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 7	302090	1		. STUD,4-40 USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 8	302131	1		. TERMINAL BLOCK USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 9	5562066	1		. INSULATOR USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)
- 10	2274833	1		. BRACKET
- 11	438567	1		. CONNECTOR
- 12	5562102	2		. SCREW,MACH,BIND HD,6-32, 1 LG
- 13	5447741	1		. CABLE GUIDE
- 14	5466397	1		. HOUSING
- 15	109918	2		. STRAIN RELIEF
- 16	5562077	2		. SCREW,FL HD,SELF TAPP,4-40, 0.5 LG
- 17	5466393	1		. SOLENOID CABLE
- 18	2305726	2		. RUBBER CLAMP
- 19	5562020	1		. SPRING USED ON OLD LEVEL DRIVE ONLY (W/O EC 828233)
- 20	2305720	1		. BELT IDLER ASM USED ON OLD LEVEL DRIVE ONLY (W/O EC 828233)
- 21	22478	1		. . ROLL ASM
- 22	58207	1		. . WASHER,FL,0.17 ID,0.375 OD,0.032 THK
- 23	5562022	1		. . SCREW,MACH,BIND HD,8-32, 0.25 LG
- 24	2305631	1		. . ARM ASM
- 25	2305708	1		. PULLEY,60 HZ
- 26	257970	1		. PULLEY,50 HZ
- 26A	4178053	1		. SETSCREW,6 FLUTE,6-32, 0.25 LG
- 26B	4178057	1		. MOTOR ASM,60 HZ,200/230V
- 26A	4178052	1		. MOTOR ASM,50 HZ,200/235V
- 26B	4178056	1		. . MOTOR,60 HZ,200/230V
- 26B	2305632	1		. . MOTOR,50 HZ,200/235V
- 27	81693	1		. . BRACKET
- 28	5562115	1		. SCREW,MACH,BIND HD,6-32, 0.375 LG USED ON OLD LEVEL DRIVE ONLY (W/O EC 828233)
- 29	5562064	1		. SETSCREW,6 FLUTE,10-32, 0.19 LG,(SPECIAL)
- 29	4178047	1		. SOLENOID,CLO LEVEL USED ON DRIVE W/O EC 829696
- 30	5562046	1		. SOLENOID,NEW LEVEL USED ON DRIVE WITH EC 829696(JAN79)
- 31	234341	1		. BAIL SPRING BRACKET
- 32	4178058	2		. SCREW,ASMD WSHR,HEX HD,0.250-20, 0.625 LG
- 33	38235	1		. SHIELD USED ON OLD LEVEL MACH ONLY . SCREW,MACH,BIND HD,6-32, 0.312 LG USED ON OLD LEVEL MACH ONLY



DETAIL AA

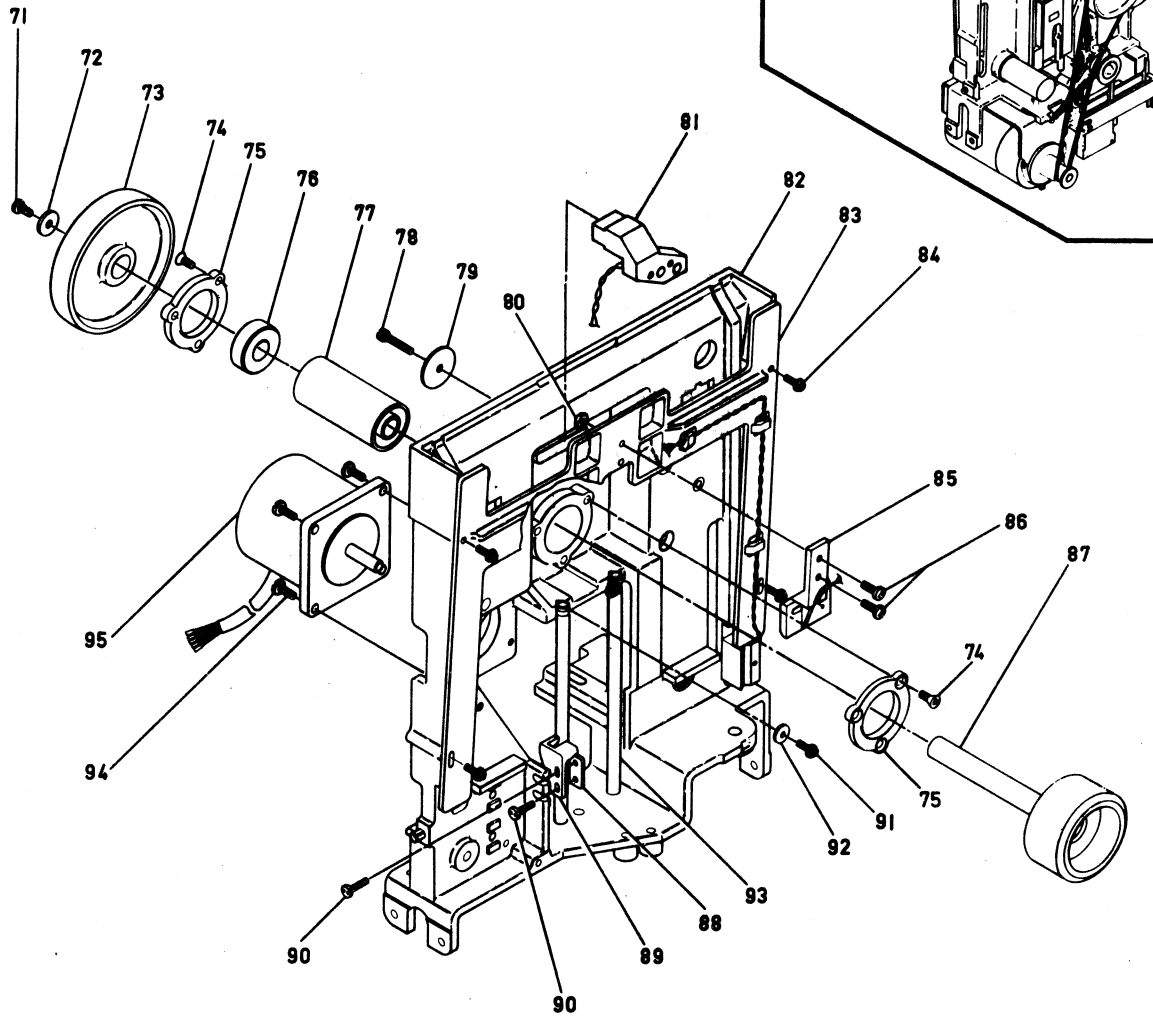


VIEW AB (FRONT SIDE)

FIGURE 20. BASEPLATE ASSEMBLY (SHEET 2 OF 3, INDEX NO. 41 THRU 66)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
20 - 41	5562034	1	.	BELT,50 HZ		
- 41	2462593	1	.	BELT,60 HZ		
- 42	4178035	1	.	HEAD CARRIAGE ASM		
- 43	5562098	1	.	PIN		
- 44	4178060	1	.	BAIL ASM		
- 45	110029	1	.	WASHER,FL,0.166 ID,0.62 OD,0.062 THK		
- 46	81693	1	.	SCREW,MACH,BIND HD,6-32, 0.375 LG		
- 47	150676	1	.	SPRING,OLD LEVEL		
				USED ON DRIVE W/O EC 829696		
- 47	4178067	1	.	SPRING,NEW LEVEL		
				USED ON DRIVE WITH EC 829696(JAN79)		
- 48	55726	2	.	SCREW,MACH,BIND HD,6-32, 0.188 LG		
- 49	5562088	1	.	COVER ASM,WIPER		
- 50	5562035	1	.	WIPER		
- 51	602721	1	.	NUT,LCK,HEX,10-32, 0.375 FL W		
- 52	2305697	1	.	STANDOFF		
- 53	5319854	1	.	SCREW,SELF TAP,HEX HD,8-32, 0.375 LG		
				USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)		
- 54	532393	1	.	CLAMP,LOOP,ADJUSTABLE		
				USED ON OLD LEVEL DRIVE ONLY (W/O EC 829696)		
- 55	257189	2	.	NUT,MACH,HEX,8-32, 0.344 FL W		
- 56	5562041	1	.	CLAMP		
- 57	236550	2	.	SCREW,MACH,BIND HD,4-40, 0.375 LG		
- 58	5562085	1	.	PULLEY ASM		
- 59	5562103	2	.	SCREW,IDLER SLIDE		
- 60	5562051	1	.	SPRING		
- 61	186925	1	.	SCREW,CAP,FLUT SOC HD,4-40, 0.625 LG		
- 62	2305493	1	.	CLAMP		
- 63	5562086	1	.	DRIVE PULLEY		
- 64	5562044	1	.	BAND		
- 65	5562037	1	.	CLAMP		
- 66	438548	1	.	SCREW,MACH,BIND HD,4-40, 0.188 LG		

AC



VIEW AC (FRONT SIDE)

FIGURE 20. BASEPLATE ASSEMBLY (SHEET 3 OF 3, INDEX NO. 71 THRU 95)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
20 - 71	5562071	1	. SCREW,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 72	600395	1	. WASHER,FL,0.203 ID,0.75 OD,0.094 THK			
- 73	2305621	1	. PULLEY,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 74	2305547	6	. SCREW,THRD FORM,FL HD,8-32, 0.44 LG			
- 75	2305546	2	. RETAINER,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 76	5344991	1	. BEARING SET,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 77	2305620	1	. SPACER SET,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 78	170241	1	. SCREW,LCK,6-32, 0.75 LG			
- 79	2130285	1	. WASHER,FL,0.156 ID,0.312 OD,0.031 THK			
- 80	257187	2	. NUT,MACH,HEX,6-32, 0.312 FL W			
- 81	5562083	1	. PHOTO TRANSISTOR ASM			
- 82	5562082	1	. CASTING ASM			
			THIS ASM IS NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 83	5562061	1	. GUIDE,GAL POST			
- 84	5700484	4	. SCREW,HEX HD,4-40, 0.375 LG			
- 85	5562081	1	. LED ASM			
- 86	81693	2	. SCREW,MACH,BIND HD,6-32, 0.375 LG			
- 87	2305619	1	. HUB,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 88	5562072	1	. NUT PLATE,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 89	5562036	1	. TIMING BLOCK,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 90	5562069	2	. SCREW,NOT RECOMMENDED FOR FIELD REPLACEMENT			
- 91	2181011	2	. SCREW,SELF TAP,HEX WSHR HD,6-32, 0.5 LG			
- 92	591469	2	. WASHER,FL,0.141 ID,0.37 OD,0.06 THK			
- 93	5562038	2	. ROD,GUIDE			
- 94	81693	3	. SCREW,MACH,BIND HD,6-32, 0.375 LG			
- 95	2462606	1	. STEPPER MOTOR			

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
			CABLE ASSEMBLIES WITH COMPONENT PARTS			
21 -	674570	1	CABLE ASM,EXTERNAL,UK ACU ADAPTER FOR COMPONENT PARTS SEE FIGURE 21 -70B,-76D, -76E,-95,-96			
-	1727744	1	CABLE ASM,EXTERNAL,UK V24/V28 ADAPT FOR COMPONENT PARTS SEE FIGURE 21 -70B,-76D, -76E,-95,-96			
-	1749352	1	CABLE ASM,EXTERNAL,V35 ADAPT,48K MODEM FOR COMPONENT PARTS SEE FIGURE 21 -72A,-85A, -151,-152,-153,-154,-155,-156,-157			
-	1864271	1	CABLE PLUG ASM,EXTERNAL,DCE TO LOOP PLUG,JAPAN ONLY FOR COMPONENT PARTS SEE FIGURE 21 -73,-158			
-	1864272	1	CABLE PLUG ASM,EXTERNAL,DCE TO SHORTING PLUG,JAPAN ONLY FOR COMPONENT PARTS SEE FIGURE 21 -73,-158			
-	1878529	1	CABLE ASM,EXTERNAL,HS LOCAL REMOTE DTE FOR COMPONENT PARTS SEE FIGURE 21 -1C,-38, -76E,-95,-118			
-	2281630	1	CABLE ASM,EXTERNAL,MULTIPLEX,SHIELD COAX,24 CONDUCT,A AND B FOR COMPONENT PARTS SEE FIGURE 21 -8B,-18, -18D,-67,-100B,-100C			
-	2577672	1	CABLE ASM,EXTERNAL COAX,NDS,3262,3278,3287,3289 FOR COMPONENT PARTS SEE FIGURE 21 -59A,-67			
-	2593331	1	CABLE ASM,EXTERNAL,5424 INTERFACE 1,GATE B TO GATE 01D FOR COMPONENT PARTS SEE FIGURE 21 -18, -18A,-41C,-42,-54,-67,-70D,-71F,-100A, -139A,-140A,-149,-150			
-	2593332	1	CABLE ASM,EXTERNAL,5424 INTERFACE 2,GATE B TO GATE 01D FOR COMPONENT PARTS SEE FIGURE 21 -18, -18A,-41C,-42,-54,-67,-70D,-71F,-100A, -139A,-140A,-149,-150			
-	2593346	1	CABLE ASM,EXTERNAL,5424,TB4 TO DC CONNECT FOR COMPONENT PARTS SEE FIGURE 21 -1J,-8B, -40,-67,-68A,-70C,-70D,-71D,-71E,-118A,-137, -138,-139,-140,-140A,			
-	5162880	1	CABLE PLUG ASM,EXTERNAL,DCE TO SOCKET,TELEPH JACK,FEMALE,JAPAN ONLY COMPONENT PARTS NOT AVAILABLE			
-	5351178	1	CABLE ASM,EXTERNAL,STAND POWER INTERFACE FOR COMPONENT PARTS SEE FIGURE 21 -8B,-10A, -26,-67			
-	5353920	1	CABLE ASM,EXTERNAL,INTERFRAME,LARGE COAX,24 CONDUCT,A AND B FOR COMPONENT PARTS SEE FIGURE 21 -67,-100,-100A			
-	5372977	1	CABLE ASM,EXTERNAL,SIGNAL,BUS IN,NON IBM DEVICE FOR COMPONENT PARTS SEE FIGURE 21 -67,-97, -98,-100			
-	5404458	1	CABLE ASM,EXTERNAL,SIGNAL,BUS IN,IBM DEVICE FOR COMPONENT PARTS SEE FIGURE 21 -67,-100,-109			
-	5466456	1	CABLE ASM,EXTERNAL,MULTIPLEX,LARGE COAX,24 CONDUCT,A AND B FOR COMPONENT PARTS SEE FIGURE 21 -67,-100B,-100C			
-	5578477	1	CABLE ASM,EXTERNAL COAX,OPERATOR CONS PANEL 3278-2A FOR COMPONENT PARTS SEE FIGURE 21 -59A			
-	5578498	1	CABLE ASM,EXTERNAL,OPERATOR CONS PANEL 3278-2A FOR COMPONENT PARTS SEE FIGURE 21 -1P,-8B, -20C,-21B,-76B,-115,-116,-117			
-	8482319	1	CABLE ASM,01A TB01 TO 5424 CON 01,DC COMMON FOR COMPONENT PARTS SEE FIGURE 21 -1N,-13,-30			
-	8482341	1	CABLE ASM,PCC TO GATE BLOWERS FOR COMPONENT PARTS SEE FIGURE 21 -20A,-21C, -60A,-61			
-	8482347	1	CABLE ASM,PS 105 TO 01A A1,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -14,-20E, -24,-33,-34,-43B,-47,-61B,			
-	8482350	1	CABLE ASM,EXTERNAL,ACU INTERFACE FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-21B,-41C,-42,-54A,-67,-68,-69,-70,-71A, -71G,-74,-74A,-76B,-76C,-79,-79B,-79C,-149,-150			
-	8482351	1	CABLE ASM,EXTERNAL,DCE INTERFACE FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-21B,-41C,-42,-54A,-67,-68,-69,-70,-71A, -71G,-74,-74A,-76B,-76C,-79,-79B,-79C,-149,-150			
-	8482352	1	CABLE ASM,EXTERNAL,LOCAL DTE FOR COMPONENT PARTS SEE FIGURE 21 -8B,-18C, -20C,-21B,-49,-50,-51,-52,-67,-68A,-69,-70, -71A,-76B,-76C,-79,-79B,-79C			
-	8482353	1	CABLE ASM,EXTERNAL,ODS INTERFACE FOR COMPONENT PARTS SEE FIGURE 21 -8B,-18B, -20C,-21B,-49,-50,-51,-52,-67,-68,-69,-70, -71A,-76,-76A,-79A			

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 -	8482354	1	CABLE ASM,EXTERNAL,V35 INTERFACE FOR COMPONENT PARTS SEE FIGURE 21 -86,-18B, -49,-50,-51,-52,-65,-67,-68A,-69,-70,-71A, -72,-85,-86			
-	8482356	1	CABLE ASM,EXTERNAL,38 LS US AA FOR COMPONENT PARTS SEE FIGURE 21 -86,-9A,-18C, -40,-49,-50,-51,-52,-67,-68A,-69,-70,-71A			
-	8482357	1	CABLE ASM,EXTERNAL,38 LS US MAIL FOR COMPONENT PARTS SEE FIGURE 21 -1C,-8B, -18B,-40,-49,-50,-51,-52,-67,-68A,-69,-70, -71A,-73			
-	8482358	1	CABLE ASM,EXTERNAL,38 LS US MAIL FOR COMPONENT PARTS SEE FIGURE 21 -1C,-8B, -9B,-18B,-18C,-40,-49,-50,-51,-52,-67,-68A, -69,-70,-71A,-73			
-	8482360	1	CABLE ASM,EXTERNAL,38 LS WT LEASED FOR COMPONENT PARTS SEE FIGURE 21 -1C,-8B, -18B,-18C,-40,-49,-50,-51,-52,-67,-68,-69, -70,-71A,-73,-84			
-	8482361	1	CABLE ASM,EXTERNAL,LOCAL ATTACHMENT FOR COMPONENT PARTS SEE FIGURE 21 -9B,-21B, -67,-76B,-79,-79D			
-	8482364	1	CABLE ASM,EXTERNAL,38 LS 4W LEASED WT FOR COMPONENT PARTS SEE FIGURE 21 -8B,-9B, -18B,-49,-50,-51,-52,-67,-68,-69,-70,-71A			
-	8482378	1	CABLE ASM,PCC CON 27 TO TR 101 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-8B, -20A,-61			
-	8482379	1	CABLE ASM,PCC CON 26 TO TR 102 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-8B, -20A,-61			
-	8482380	1	CABLE ASM,PCC CON 04 TO TR 104 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-8B, -20A,-60B			
-	8482381	1	CABLE ASM,PCC CON 03 TO TR 105 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-8B, -20A,-61			
-	8482384	1	CABLE ASM,PS 102 TO 01A C1 FOR COMPONENT PARTS SEE FIGURE 21 -1M,-1N, -19,-20E,-28A,-43B,-45,-61B			
-	8482398	1	CABLE ASM,PCC CON 07 OR 11 TO DISKETTE,POWER FOR COMPONENT PARTS SEE FIGURE 21 -20A,-21C, -61A,-63			
-	8482759	1	CABLE ASM,SPI FOR COMPONENT PARTS SEE FIGURE 21 -20A, -21C,-61			
-	8482760	1	CABLE ASM,I/O COMPLETE FOR SPI FOR COMPONENT PARTS SEE FIGURE 21 -10A, -20A,-26,-61			
-	8482836	1	CABLE ASM,01A B2 TO 01A C2 FOR COMPONENT PARTS SEE FIGURE 21 -24,-33, -34,-43B			
-	8482849	1	CABLE ASM,EXTERNAL,LOOP ADAPT FOR COMPONENT PARTS SEE FIGURE 21 -8B,-18C, -43B,-49,-50,-51,-52,-67,-68A,-69,-70,-71A,-87			
-	8482855	1	CABLE ASM,EXTERNAL,ACU INTERFACE,UK FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-21B,-41C,-42,-54A,-67,-68,-69,-70, -71,-71A,-74,-76B,-76C,-79,-79B,-79C,-122, -149,-150			
-	8482856	1	CABLE ASM,EXTERNAL,DCE INTERFACE,UK FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-21B,-41C,-42,-54A,-67,-68,-69,-70,-71A, -71G,-74,-74A,-76B,-76C,-79,-79B,-79C,-122, -149,-150			
-	8482876	1	CABLE ASM,EXTERNAL,ACU INTERFACE,LEASED FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-41C,-42,-54A,-67,-68,-69,-70,-70E,-71, -71A,-71H,-74,-76A,-79A,-140B,-149,-150			
-	8482877	1	CABLE ASM,EXTERNAL,HIGH SPEED DIGITAL INTERFACE ADAPT FOR COMPONENT PARTS SEE FIGURE 21 -18B,-40A, -49,-50,-52,-53,-67,-67A,-68B,-70C,-71J,-159, -160,-161			
-	8482878	1	CABLE ASM,EXTERNAL,PSN 38 LS WT LINE PLATE FOR COMPONENT PARTS SEE FIGURE 21 -9B,-15B, -18B,-40,-50,-51,-52,-57,-67,-68,-69,-70, -71A,-77,-78,-93,-130			

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 -	8482880	1	CABLE ASM,SENSE TO 01A-A2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -15E, -24,-33,-34,-37A,-42,-43B,-46,-54B,-55D, -55F,-56,-57,-149,-150			
-	8482881	1	CABLE ASM,PS 102,CONN 09 TO 01A-C1 FOR COMPONENT PARTS SEE FIGURE 21 -3,-19, -20E,-28A,-45,-61B			
-	8482882	1	CABLE ASM,01A-B2 TO 01A-C1,B1 FOR COMPONENT PARTS SEE FIGURE 21 -1H, -24,-33,-34,-40,-43B			
-	8482883	1	CABLE ASM,01A-C2 TO 01A-A2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -15E, -24,-33,-34,-37A,-42,-43B,-55A,-56,-57, -149,-150			
-	8482891	1	CABLE ASM,PCC CON 06 TO POWER ON METER FOR COMPONENT PARTS SEE FIGURE 21 -1,-1E, -1G,-1H,-8B,-20A,-25A,-40,-61B			
-	8482893	AR	CABLE ASM,DISKETTE TO BOARD,SIGNAL,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -1M,-8B, -18B,-18C,-20A,-41D,-46,-49,-50,-51,-52, -61,-82,-83			
-	8482894	1	CABLE ASM,PS 103 AND PS 104 TO 01A-A2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -20E,-21C, -24,-33,-42,-43B,-60B,-61C			
-	8482895	1	CABLE ASM,PS 103 TO 01A-C1A2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -19,-21C, -28B,-60B,-61			
-	8482896	1	CABLE ASM,01A-A2YA TO SENSE FOR COMPONENT PARTS SEE FIGURE 21 -8,-20A, -21C,-42A,-54B,-55C,-60,-60B,-61,-61C,-63, -99,-149,-150			
-	8482897	1	CABLE ASM,01A-A2 TO SPI FOR COMPONENT PARTS SEE FIGURE 21 -19, -28,-41D,-45,-82,-83			
-	8482898	1	CABLE ASM,01A-A2YJ TO PS 105-CONN 01 FOR COMPONENT PARTS SEE FIGURE 21 -20A,-42A, -54B,-55C,-60B,-149,-150			
-	8482899	1	CABLE ASM,01A-A2 TO OCP FOR COMPONENT PARTS SEE FIGURE 21 -21B,-30A, -41D,-82,-83			
-	8482900	1	CABLE ASM,01A-B1,B2,C1 SENSE TO 01A-A2A2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -15E, -24,-33,-34,-37A,-42,-43B,-46,-54B,-55D,-55F, -56,-57,-149,-150			
-	8482901	1	CABLE ASM,01A-A2,C2 TO 01A-A2A3,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -24,-33, -34,-37A,-42,-43B,-55A,-149,-150			
-	8482902	1	CABLE ASM,01A-A2A4 TO 01A-A12C,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -37A,-41D, -42,-55E,-82,-83,-149,-150			
-	8482903	1	CABLE ASM,POWER ON METER FOR COMPONENT PARTS SEE FIGURE 21 -15D,-17, -20A,-20F,-21C,-40,-62B,-77A,-81			
-	8482904	1	CABLE ASM,PS 103 TO PS 104 FOR COMPONENT PARTS SEE FIGURE 21 -1L,-1M, -17,-20A,-21C,-40,-60B,-62A,-62B,-63			
-	8482905	1	CABLE ASM,PS 105 CON 04 TO 01AC2 FOR COMPONENT PARTS SEE FIGURE 21 -20E,-24, -33,-34,-43B,-61C			
-	8482906	1	CABLE ASM,01A-A2 TO 01A-C2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -24,-33, -34,-43B			
-	8482907	1	CABLE ASM,01A-A2 TO 01A-C2,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-24, -33,-34,-43B			
-	8482908	1	CABLE ASM,01A-B2 TO 01A-C1,B1,PDL 4 FOR COMPONENT PARTS SEE FIGURE 21 -1H, -15E,-24,-33,-34,-40,-43B,-56,-57			
-	8482909	1	CABLE ASM,01A-A2 TO CONN PLATE FOR COMPONENT PARTS SEE FIGURE 21 -38,-42A, -54,-55C,-58,-75,-149,-150			
-	8482912	1	CABLE ASM,RCP TO PCC CON 09,MOD 2 ONLY FOR COMPONENT PARTS SEE FIGURE 21 -1H,-8B, -20A,-25A,-60A			
-	8482917	1	CABLE ASM,CCP SIGNALS INTERN FOR COMPONENT PARTS SEE FIGURE 21 -8B,-15B, -20A,-20F,-21C,-62B,-77A			

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 -	8482918	1	CABLE ASM,PCC CON 06 TO CCP ROCKER SWITCH FOR COMPONENT PARTS SEE FIGURE 21 -1E,-8B, -20A,-61B			
-	8482919	1	CABLE ASM,LINE FILTER CON 01 TO 01A-A2A5 FOR COMPONENT PARTS SEE FIGURE 21 -15B,-20A, -43B,-61,-78A			
-	8482923	1	CABLE ASM,LINE FILTER TO CP 01 FOR COMPONENT PARTS SEE FIGURE 21 -1H, -1M,-40,-43B			
-	8482930	1	CABLE ASM,EXTERNAL,DCE INTERFACE,10M FXD LG FOR REMOTE SUPPORT FEAT FOR COMPONENT PARTS SEE FIGURE 21 -8B,-20C, -20D,-21B,-41C,-42,-54A,-67,-68,-69,-70,-71A, -71G,-74,-74A,-76B,-76C,-79,-79B,-79C,-149,-150			
-	8482931	1	CABLE ASM,EXTERNAL,38 LS US AND CANAD,10M FXD LG FOR REMOTE SUPPORT FEAT FOR COMPONENT PARTS SEE FIGURE 21 -1C,-8B, -18B,-40,-49,-50,-51,-52,-67,-68,-69,-70, -71A,-73			
-	8482932	1	CABLE ASM,EXTERNAL,38 LS WT JAPAN,10M FXD LG FOR REMOTE SUPPORT FEAT FOR COMPONENT PARTS SEE FIGURE 21 -1C,-8B,-18B, -18C,-40,-49,-50,-51,-52,-67,-68,-69,-70, -71A,-73,-84			
-	8482934	1	CABLE ASM,EXTERNAL,38 LS WT EX JAP AND CANAD,10M FXD LG FOR REM SUP FEAT FOR COMPONENT PARTS SEE FIGURE 21 -9B,-15B, -18B,-40,-50,-51,-52,-57,-67,-68,-69,-70, -71A,-77,-78,-93,-130			
-	8482935	1	CABLE ASM,EXTERNAL,DCE INTERFACE,FC 2946,JAPAN ONLY FOR COMPONENT PARTS SEE FIGURE 21 -8B,-21B, -41C,-42,-54A,-67,-68,-69,-70,-71A,-71G,-74, -74A,-76B,-141,-149,-150			
-	8482936	1	CABLE ASM,DISK TO PS 104,01A-A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-1M, -18B,-18C,-21D,-41D,-46,-49,-50,-51,-52,-61, -82,-83,-149,-150			
-	8482937	1	CABLE ASM,PS 104 TO 01A-C1A2,PDL5 FOR COMPONENT PARTS SEE FIGURE 21 -19,-21C, -28B,-60B,-61B			
-	8482938	1	CABLE ASM,PS 104 TO 01A-A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -20E,-24, -33,-34,-43B,-61B			
-	8482939	1	CABLE ASM,PS 104 TO 01A-B1,A2,C2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-21C, -24,-33,-34,-43B,-56,-57,-61A			
-	8482940	1	CABLE ASM,PS 104 TO 01A-A1,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -20E,-24, -33,-34,-43B,-61A			
-	8482941	1	CABLE ASM,PS 105 TO 01A-A1,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -14,-20E, -24,-33,-34,-43B,-47,-61B			
-	8482942	1	CABLE ASM,SENSE TO 01A-A2A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-24, -33,-34,-37A,-42,-43B,-54B,-55D,-55G,-56, -149,-150			
-	8482943	1	CABLE ASM,01A-C2 TO 01A-A2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -24,-33, -34,-37A,-42,-43B,-55A,-149,-150			
-	8482944	1	CABLE ASM,01A-A2A4 TO 01A-A12C,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -37A,-41D, -42,-55B,-82,-83,-149,-150			
-	8482945	1	CABLE ASM,01A-B2 TO 01A-C1,B1,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -1H,-15E, -24,-33,-34,-40,-43B,-56,-57			
-	8482946	1	CABLE ASM,01A-A2 TO 01A-C2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -24,-33, -34,-43B			
-	8482947	1	CABLE ASM,PS 104 TO 01A-B1,A2,C2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-21C, -24,-33,-34,-43B,-56,-57,-61A			
-	8482948	1	CABLE ASM,01A-A2 TO 01A-C1,B1,B2,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-24, -33,-34,-37A,-42,-43B,-46,-54B,-55D,-55G, -56,-57,-149,-150			
-	8482949	1	CABLE ASM,01A-A2 TO 01A-C2,B1,PDL 5 FOR COMPONENT PARTS SEE FIGURE 21 -15E,-24, -33,-34,-37A,-42,-43B,-55A,-56,-57,-149,-150			
-	8483830	AR	JUMPER ASM,DISKETTE DRIVE TO FRAME FOR COMPONENT PARTS SEE FIGURE 21 -1H			
-	8483860	AR	CABLE ASM,BUS TO TAG,CE TOOL FOR COMPONENT PARTS SEE FIGURE 21 -90A			

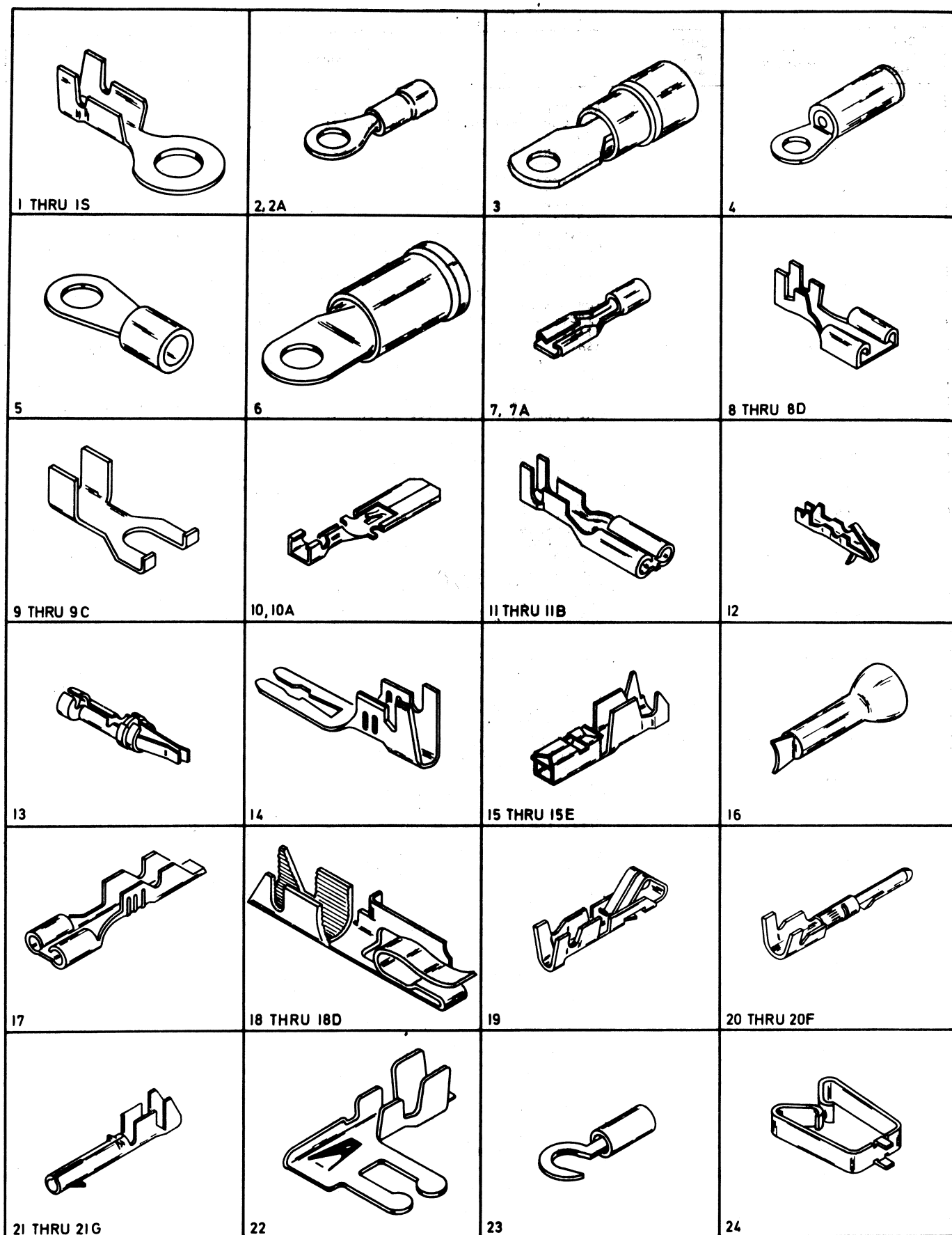


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 1 OF 6, INDEX NO. 1 THRU 24)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 - 1	483673	AR	.	TERMINAL,RING,18-20	AWG NO. 2	MTG HOLE
- 1A	483674	AR	.	TERMINAL,RING,22-26	AWG NO. 4	MTG HOLE
- 1B	483675	AR	.	TERMINAL,RING,18-20	AWG NO. 4	MTG HOLE
- 1C	483676	AR	.	TERMINAL,RING,22-26	AWG NO. 6	MTG HOLE
- 1D	483677	AR	.	TERMINAL,RING,18-20	AWG NO. 6	MTG HOLE
- 1E	483678	AR	.	TERMINAL,RING,14-16	AWG NO. 6	MTG HOLE
- 1F	483679	AR	.	TERMINAL,RING,10-12	AWG NO. 6	MTG HOLE
- 1G	483681	AR	.	TERMINAL,RING,18-20	AWG NO. 8	MTG HOLE
- 1H	483682	AR	.	TERMINAL,RING,14-16	AWG NO. 8	MTG HOLE
- 1J	483683	AR	.	TERMINAL,RING,10-12	AWG NO. 8	MTG HOLE
- 1K	483684	AR	.	TERMINAL,RING,22-26	AWG NO. 10	MTG HOLE
- 1L	483685	AR	.	TERMINAL,RING,18-20	AWG NO. 10	MTG HOLE
- 1M	483686	AR	.	TERMINAL,RING,14-16	AWG NO. 10	MTG HOLE
- 1N	483687	AR	.	TERMINAL,RING,10-12	AWG NO. 10	MTG HOLE
- 1P	483688	AR	.	TERMINAL,RING,18-20	AWG 0.25	MTG HOLE
- 1Q	483689	AR	.	TERMINAL,RING,14-16	AWG 0.25	MTG HOLE
- 1R	483690	AR	.	TERMINAL,RING,10-12	AWG 0.25	MTG HOLE
- 1S	483680	AR	.	TERMINAL,RING,22-26	AWG NO. 8	MTG HOLE
- 2	334910	AR	.	TERMINAL,RING,14-16	AWG NO. 6	MTG HOLE,INS
- 2A	504879	AR	.	TERMINAL,RING,6-10	AWG NO. 10	MTG HOLE,INS
- 3	335327	AR	.	TERMINAL,LUG,8-10	AWG NO. 10	MTG HOLE
- 4	502523	AR	.	TERMINAL,LUG,4	AWG 0.25	MTG HOLE
- 5	82725	AR	.	TERMINAL,LUG,6	AWG,0.25	MTG HOLE,INS
- 6	335970	AR	.	TERMINAL,RING,8	AWG 0.25	MTG HOLE
- 7	236915	AR	.	TERMINAL,SLIP ON,18-20	AWG,0.125	WIDTH
- 7A	236916	AR	.	TERMINAL,SLIP ON,22-24	AWG,0.125	WIDTH
- 8	430798	AR	.	TERMINAL,SLIP ON,18-20	AWG,0.22	WIDTH
- 8A	430801	AR	.	TERMINAL,SLIP ON,14-16	AWG,0.25	WIDTH
- 8B	1127037	AR	.	TERMINAL,SLIP ON,14-18	AWG,0.3	WIDTH
- 8C	5252721	AR	.	TERMINAL,SLIP ON,18-22	AWG,0.25	WIDTH
- 8D	5214450	AR	.	TERMINAL,SLIP ON,14-16	AWG,0.3	WIDTH
- 9	483651	AR	.	TERMINAL,FLANGED SPADE,18-20	AWG NO. 8	SLOT
- 9A	483649	AR	.	TERMINAL,FLANGED SPADE,18-20	AWG NO. 6	SLOT
- 9B	483648	AR	.	TERMINAL,FLANGED SPADE,22-26	AWG NO. 6	SLOT
- 9C	483652	AR	.	TERMINAL,FLANGED SPADE,14-16	AWG NO. 8	SLOT
- 10	523255	AR	.	TERMINAL,QUICK DISCONNECT,14-18	AWG	
- 10A	827991	AR	.	TERMINAL,QUICK DISCONNECT,18-22	AWG	
- 11	1249307	AR	.	TERMINAL,SLIP ON,10-14	AWG	
- 11A	5353852	AR	.	TERMINAL,SLIP ON,16-20	AWG	
- 11B	2123393	AR	.	TERMINAL,SLIP ON,16-20	AWG	
- 12	609687	AR	.	TERMINAL,QUICK DISCONNECT,18-22	AWG	
- 13	2192503	AR	.	TERMINAL,FEMALE,12-14	AWG,GOLD	
- 14	813194	AR	.	TERMINAL,DISCRETE WIRE,18-20	AWG	
- 15	815933	AR	.	CONNECTOR,DISCRETE WIRE,18-20	AWG	
- 15A	2637681	AR	.	CONNECTOR,DISCRETE WIRE,18-20	AWG	
- 15B	2637682	AR	.	CONNECTOR,DISCRETE WIRE,22-26	AWG	
- 15C	2637690	AR	.	CONNECTOR,DISCRETE WIRE,18-20	AWG	
- 15D	2637679	AR	.	CONNECTOR,DISCRETE WIRE,20-24	AWG	
- 15E	5252940	AR	.	CONNECTOR,DISCRETE WIRE,18-20	AWG,GOLD PLATED	
- 16	2102430	AR	.	TERMINAL,CONNECTOR,10-12	AWG	
- 17	5351177	AR	.	TERMINAL,RECEPTACLE,18-22	AWG	
- 18	5362301	AR	.	TERMINAL,LARGE SERPENT,22-26	AWG	
- 18A	5404480	AR	.	TERMINAL,LARGE SERPENT,18-20	AWG	
- 18B	5486851	AR	.	TERMINAL,LARGE SERPENT,22-26	AWG,SNGL HI	
- 18C	5486853	AR	.	TERMINAL,LARGE SERPENT,18-20	AWG,SNGL HI	
- 18D	5362302	AR	.	TERMINAL,SMALL SERPENT,28-32	AWG	
- 19	5252582	AR	.	TERMINAL,SLIP ON,18-24	AWG	
- 20	1471027	AR	.	TERMINAL,PIN,DUAL LANCE,2MM DIA,14-20	AWG	
- 20A	4123688	AR	.	TERMINAL,PIN,DUAL LANCE,2MM DIA,14-20	AWG,TINNED	
- 20B	1166114	AR	.	TERMINAL,PIN,18-22	AWG	
- 20C	1655339	AR	.	TERMINAL,PIN,20-24	AWG	
- 20D	1655359	AR	.	TERMINAL,PIN,24-28	AWG	
- 20E	8267333	AR	.	TERMINAL,PIN,UNIVERS MATE-N-LOCK,14-18	AWG,GOLD PLATED	
- 20F	1661131	AR	.	TERMINAL,PIN,DUAL LANCE,18-22	AWG,TINNED	
- 20G	1661129	AR	.	TERMINAL,PIN,DUAL LANCE,14-20	AWG,GOLD PLATED	
- 21	1471028	AR	.	TERMINAL,SOCKET,DUAL LANCE,14-20	AWG	
- 21A	1635821	AR	.	TERMINAL,SOCKET,DUAL LANCE,20-22	AWG	
- 21B	1655337	AR	.	TERMINAL,SOCKET,20-24	AWG	
- 21C	4123689	AR	.	TERMINAL,SOCKET,DUAL LANCE,14-20	AWG,TINNED	
- 21D	8267334	AR	.	TERMINAL,SOCKET,UNIVERS MATE-N-LOCK,14-18	AWG,GOLD PLATED	
- 21E	1661132	AR	.	TERMINAL,SOCKET,DUAL LANCE,18-24	AWG,TINNED	
- 21F	1661130	AR	.	TERMINAL,SOCKET,DUAL LANCE,14-20	AWG,GOLD PLATED	
- 22	1150748	AR	.	TERMINAL,FLAG,18-22	AWG	
- 23	526048	AR	.	TERMINAL,CLIP,14-16	AWG NO. 8	SLOT,INS
- 24	813681	AR	.	CONTACT		

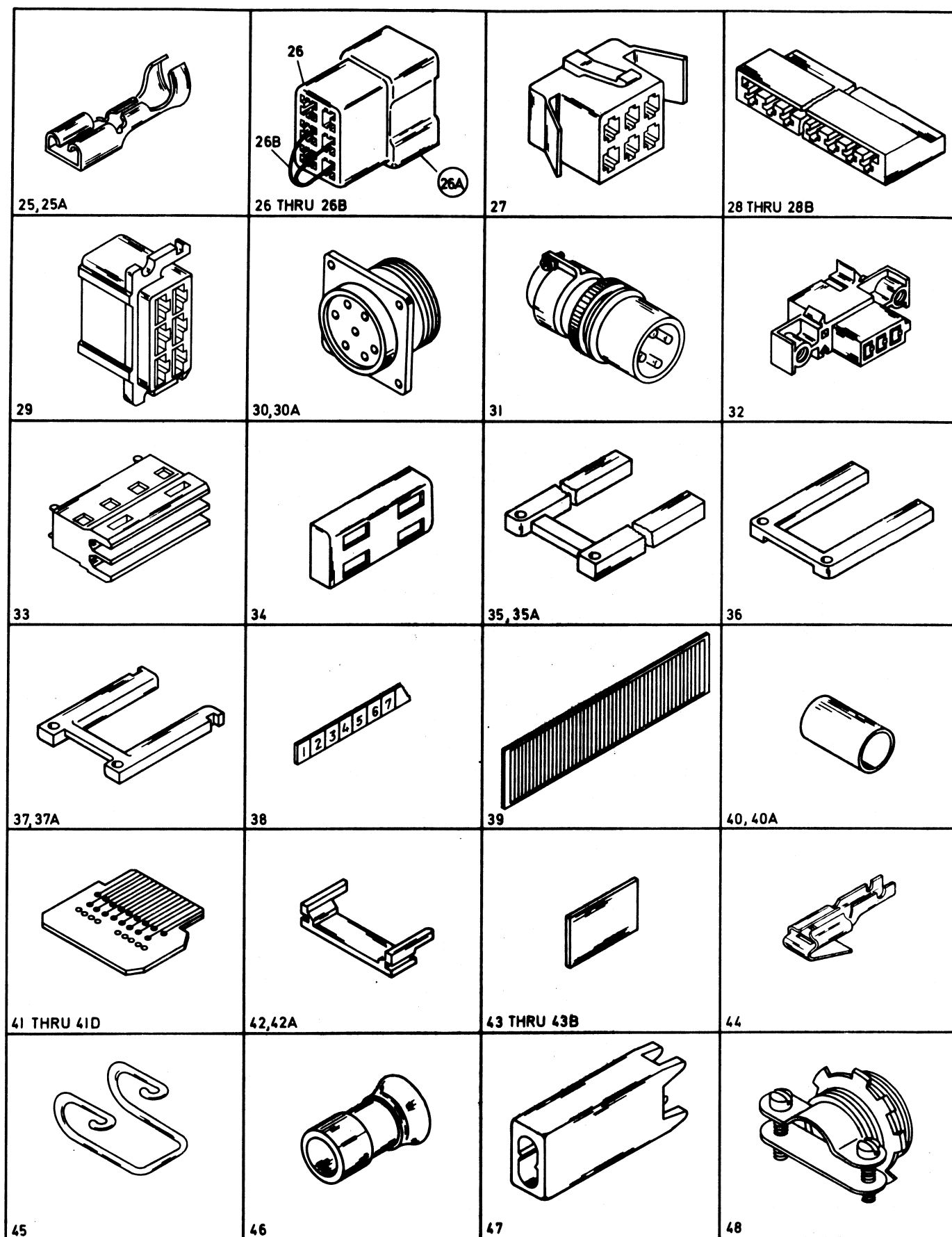


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 2 OF 6, INDEX NO. 25 THRU 48)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 - 25	523267	AR	• TERMINAL, QUICK DISCONNECT RECEPTACLE, 14-18 AWG • TERMINAL, QUICK DISCONNECT RECEPTACLE, 10-14 AWG • CONNECTOR, RECEPTACLE, ELEC, 6 POS INSERT • DUMMY PLUG ASM FOR 3340 I/O			
- 25A	2502307	AR				
- 26	523268	AR				
- 26A	8482303	AR				
- 26B	8482315	1	• FOR COMPONENT PARTS SEE FIGURE 21 -26 • JUMPER ASM, DUMMY PLUG • FOR COMPONENT PARTS SEE FIGURE 21 -10,-10A			
- 27	609686	AR	• CONNECTOR PLUG, 6 POSITIONS • HOUSING, PC CONNECTOR, 18 POSITIONS • HOUSING, PC CONNECTOR, 9 POSITIONS • HOUSING, PC CONNECTOR, 3 POSITIONS			
- 28	2745044	AR				
- 28A	5252587	AR				
- 28B	2744805	AR				
- 29	523269	AR	• CONNECTOR, RECEPTACLE, 6 POSITIONS • RECEPTACLE, FEMALE, 7 POSITIONS • RECEPTACLE, FEMALE, 28 POSITIONS • PLUG, POWER, MALE, 4 POSITIONS			
- 30	2745023	AR				
- 30A	5578491	AR				
- 31	832957	AR				
- 32	5353851	AR	• HOUSING, CONNECTOR, RECEPTACLE, 3 POSITIONS • HOUSING, MINIATURE BUS, DOUBLE CONTACT • COVER • STRAIN RELIEF, COAX WIRE, 2.41MM CLEARANCE, 3 HI, 4.33 LG			
- 33	813801	AR				
- 34	813802	AR				
- 35	1570461	AR				
- 35A	4014739	AR	• STRAIN RELIEF, 20 STRANDS, 1.37MM CLEARANCE, 3 HI, 3.37 LG • STRAIN RELIEF, COAX WIRE, 2.41MM CLEARANCE, 2 HI, 1.82 LG • STRAIN RELIEF, 20 STRANDS, 1.02MM CLEARANCE, 2 HI • STRAIN RELIEF, 20 STRANDS, 1.37MM CLEARANCE, 2 HI, 45.2MM LG			
- 36	5352960	AR				
- 37	5352967	AR				
- 37A	8482887	AR				
- 38	317296	AR	• STRIP, NUMBERING, L TO R, 1 THRU 33 • LABEL, PIN LOCATIONS • SLEEVE, HEAT SHRINKABLE, 0.315 ID, 0.5 LG			
- 39	NO NO.	AR				
- 40	483619	AR				
- 40A	5337089	AR				
- 41	5800530	AR	• FERRULE, OUTER, COAX TERMINATING, 0.18 ID, 0.25 LG • CARD ASM, TERMINATOR, COAX, 10 SIGNAL • CARD ASM, TERMINATOR, 20 SIGNAL • CARD ASM, TERMINATOR, 24 SIGNAL			
- 41A	5800610	AR				
- 41C	5800634	AR				
- 41D	8483072	AR				
- 42	811802	AR	• CARD ASM, CABLE • GUIDE, CARD, SGL, 6 PAC • GUIDE, CARD, NDS CABLE AND THERM CARD			
- 42A	8483774	AR				
- 43	811825	AR				
- 43A	6520037	AR				
- 43B	813769	AR	• LABEL, BLANK, CABLE CONNECTOR • LABEL, UK LINECORD • LABEL, BLANK, PART NUMBER • TERMINAL, SLIP ON- FLAG, 14-18 AWG			
- 44	5312429	AR				
- 45	2565041	AR				
- 46	2103412	AR				
- 47	813197	AR	• CLIP • CONNECTOR, CLOSED END, 10-18 AWG • HOUSING, DISCRETE WIRE CONNECTOR • CLAMP, CABLE, 22.2MM ID MAX			
- 48	237327	AR				

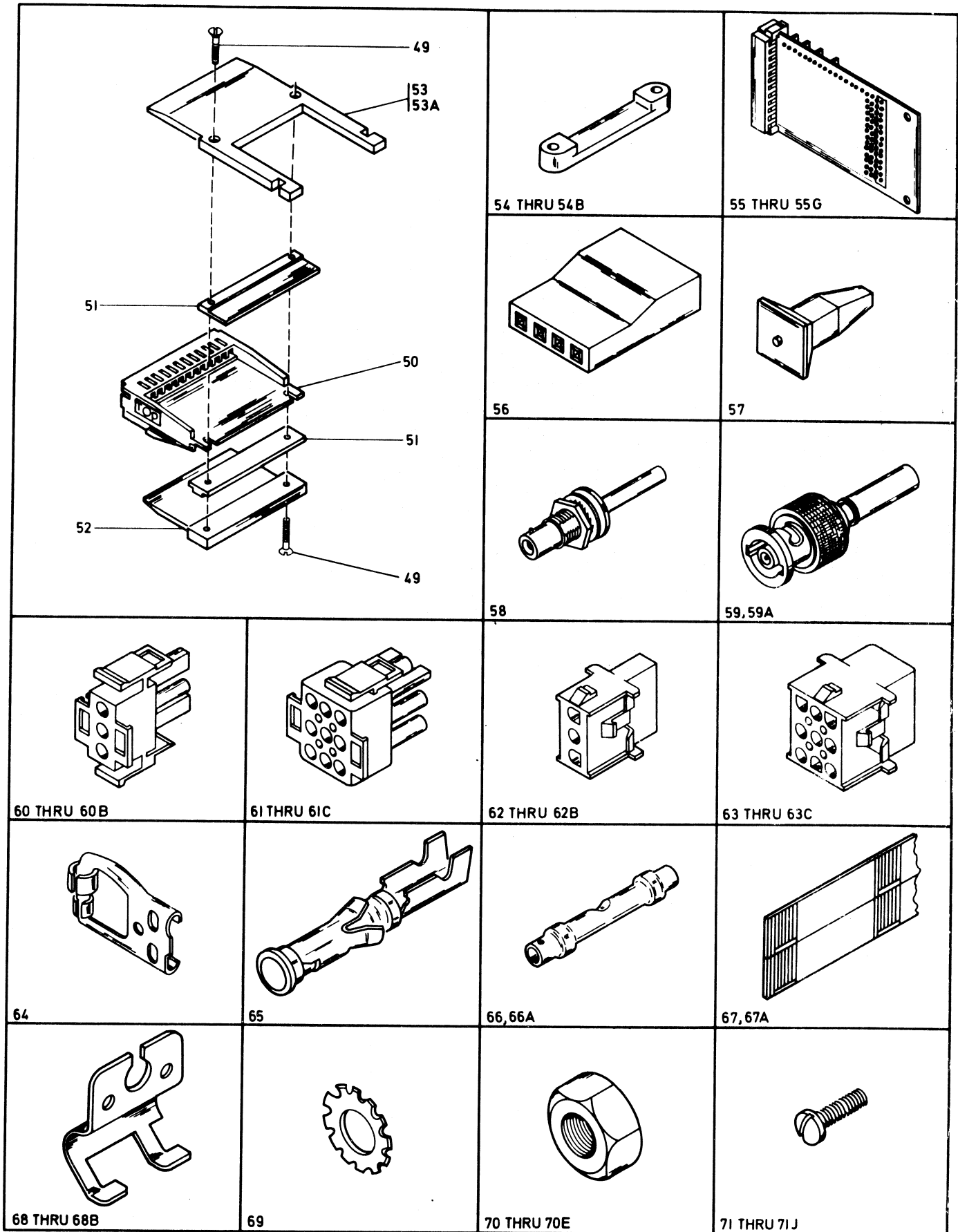


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 3 OF 6, INDEX NO. 49 THRU 71J)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 - 49	109918	AR	• SCREW,THRD CUTTING,FLAT HD,4-40, 0.5 LG			
- 50	5447741	AR	• HCUSING,SINGLE HI			
- 51	5466393	AR	• RUBBER,CLAMP			
- 52	5466397	AR	• BAR			
- 53	2744811	AR	• STRAIN RELIEF,3 HI,ROW 2 TO 5			
- 53A	5529183	AR	• STRAIN RELIEF,3 HI,ROW 1 AND 6			
- 54	5353922	AR	• STRAIN RELIEF,COAX WIRE,2.41MM CLEARANCE			
- 54A	5275481	AR	• STRAIN RELIEF,24 AWG			
- 54B	8482393	AR	• STRAIN RELIEF,20 AWG,1.45MM CLEARANCE			
- 55	8562701	AR	• CARD ASSEMBLY			
- 55A	8562702	AR	• CARD ASSEMBLY			
- 55B	8562716	AR	• CARD ASSEMBLY			
- 55C	8482369	AR	• CARD ASSEMBLY			
- 55D	8562704	AR	• CARD ASSEMBLY			
- 55E	8562705	AR	• CARD ASSEMBLY			
- 55F	8562698	AR	• CARD ASSEMBLY			
- 55G	8562724	AR	• CARD ASSEMBLY			
- 56	2637694	AR	• HOUSING,MINI ROD,4 POSITIONS			
- 57	2637689	AR	• PLUG,INSERT POLARIZATION			
- 58	5252661	AR	• CONNECTOR,BNC,CRIMP TYPE,MALE			
- 59	2246295	AR	• CONNECTOR,BNC,CRIMP TYPE,FEMALE			
- 59A	1836444	AR	• CONNECTOR,BNC,SOLDER TYPE,FEMALE			
- 60	1847524	AR	• PLUG,2 CIRCUIT UNIVERSAL			
- 60A	1847526	AR	• PLUG,3 CIRCUIT UNIVERSAL			
- 60B	1847528	AR	• PLUG,4 CIRCUIT UNIVERSAL			
- 61	1847530	AR	• PLUG,6 CIRCUIT UNIVERSAL			
- 61A	1847532	AR	• PLUG,9 CIRCUIT UNIVERSAL			
- 61B	1847534	AR	• PLUG,12 CIRCUIT UNIVERSAL			
- 61C	1847536	AR	• PLUG,15 CIRCUIT UNIVERSAL			
- 62	1847525	AR	• HOUSING,2 CIRCUIT UNIVERSAL			
- 62A	1847527	AR	• HOUSING,3 CIRCUIT UNIVERSAL			
- 62B	1847529	AR	• HOUSING,4 CIRCUIT UNIVERSAL			
- 63	1847531	AR	• HOUSING,6 CIRCUIT UNIVERSAL			
- 63A	1847533	AR	• HOUSING,9 CIRCUIT UNIVERSAL			
- 63B	1847535	AR	• HOUSING,12 CIRCUIT UNIVERSAL			
- 63C	1847537	AR	• HOUSING,15 CIRCUIT UNIVERSAL			
- 64	517913	AR	• TERMINAL,SLIP ON,16-18 AWG			
- 65	2122259	AR	• TERMINAL,SOCKET,CONTACT,20-22 AWG			
- 66	321051	AR	• BUTT SPLICE,TRANSP INS,18-22 AWG,COPPER			
- 66A	523176	AR	• SPLICE,TRANSP INS,20-24 AWG			
- 67	483770	AR	• LABEL,EXT CABLES			
- 67A	1876141	AR	• LABEL,EXT CABLES,ICA			
- 68	2191879	AR	• CLAMP,CABLE,0.234 R			
- 68A	2191880	AR	• CLAMP,CABLE,0.281 R			
- 68B	2191881	AR	• CLAMP,CABLE,0.421 R			
- 69	1622347	AR	• WASHER,LCK,EXT ST,5.3MM ID,10MM OD			
- 70	1622404	AR	• NUT,HEX,M5, 8MM FL W			
- 70A	1622417	AR	• NUT,HEX,LOCK,M4, 7MM FL W			
- 70B	5343332	AR	• NUT,HEX,4-40,0.25 FL W,0.25 HIGH			
- 70C	11598	AR	• NUT,HEX,10-32, 0.375 FL W			
- 70D	257189	AR	• NUT,HEX,8-32, 0.344 FL W			
- 70E	1622415	AR	• NUT,HEX,LOCK,M3, 5.5MM FL W			
- 71	236550	AR	• SCREW,MACH,BIND HD,4-40, 0.375 LG			
- 71A	2549781	AR	• SCREW,MACH,PAN HD,M5, 8MM LG			
- 71B	1621212	AR	• SCREW,MACH,PAN HD,M5, 16MM LG			
- 71C	1621193	AR	• SCREW,MACH,PAN HD,M4, 16MM LG			
- 71D	38368	AR	• SCREW,MACH,FIL HD,8-32, 0.438 LG			
- 71E	38383	AR	• SCREW,MACH,FIL HD,10-32, 0.438 LG			
- 71F	845	AR	• SCREW,MACH,FIL HD,8-32, 0.5 LG			
- 71G	438550	AR	• SCREW,MACH,BIND HD,4-40, 0.5 LG			
- 71H	1621170	AR	• SCREW,MACH,PAN HD,M3, 6MM LG			
- 71J	32042	AR	• SCREW,MACH,BIND HD,10-32, 0.375 LG			

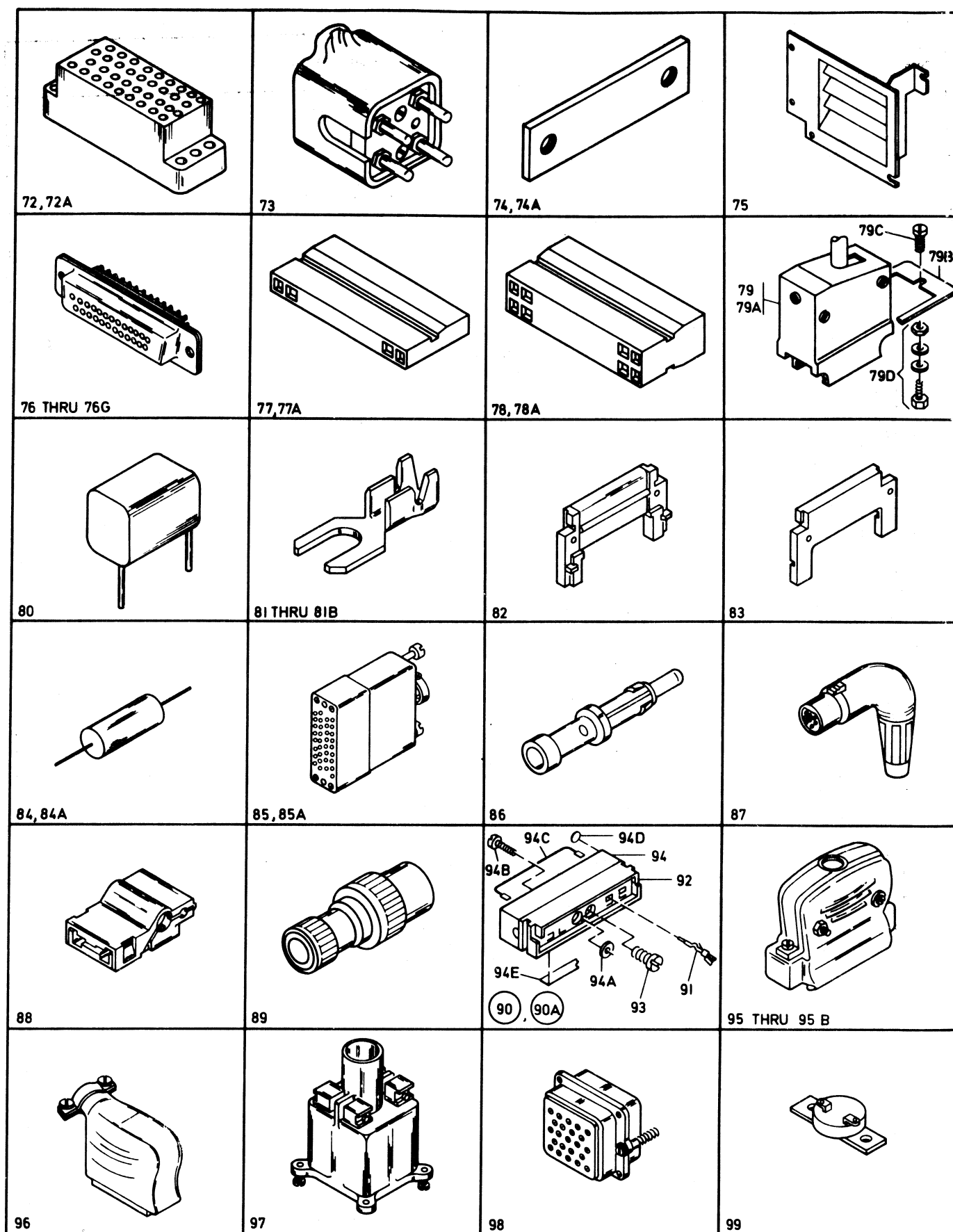


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 4 OF 6, INDEX NO. 72 THRU 99)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION
21 - 72	2122256	AR	. CONNECTOR,FEMALE,34 POSITIONS
- 72A	1749353	AR	. CONNECTOR,MALE,34 POSITIONS
- 73	341200	AR	. PLUG,TELEPHONE
- 74	740459	AR	. STIFFENER,STRAIN RELIEF,THRD HOLE 4-40
- 74A	8482879	AR	. STIFFENER,STRAIN RELIEF,THRU HOLE 3MM DIA
- 75	8483766	AR	. BRACKET,NDS CONN,16 POS
- 76	1608648	AR	. CONNECTOR RECEPT,15 POS
- 76A	1608649	AR	. CONNECTOR PLUG,15 POS
- 76B	1655336	AR	. CONNECTOR RECEPT,25 POS
- 76C	1655338	AR	. CONNECTOR PLUG,25 POS
- 76D	5302662	AR	. CONNECTOR PLUG,25 POS,GOLD/COPPER
- 76E	5302663	AR	. CONNECTOR RECEPT,25 POS,GOLD/COPPER
- 76F	5252592	AR	. CONNECTOR PLUG,25 POS,GOLD/SILVER
- 76G	5252593	AR	. CONNECTOR RECEPT,25 POS,GOLD/SILVER
- 77	2731406	AR	. HOUSING,1 X 10 POS,2.5MM SPACING
- 77A	2637680	AR	. HOUSING,1 X 4 POS,2.5MM SPACING
- 78	2731392	AR	. HOUSING,2 X 8 POS,2.5MM X 2.5MM SPACING
- 78A	2731400	AR	. HOUSING,2 X 12 POS,3.18MM X 6.35MM SPACING
- 79	1855555	AR	. HOOD ASM,10.9 MAX DIA
- 79A	4943864	AR	. HOOD ASM,8.1 MAX DIA
- 79B	1855807	AR	. RETAINER PLATE
- 79C	1855559	AR	. SCREW,KIT,CAPTIVE,BIND HD,4-40, 0.25 LG,WITH U SHAP
- 79D	1785931	AR	. SCREW LOCK KIT,2-56
- 80	1152264	AR	. SUPPRESSOR RC,0.22 MFD P/M10%, 100 OHMS P/M15%, 400 VDC
- 81	483694	AR	. TERMINAL,STRAIGHT SPADE,18-20 AWG NO. 4 SLOT
- 81A	313361	AR	. TERMINAL,STRAIGHT SPADE,20-24 AWG NO. 4 SLOT
- 81B	483697	AR	. TERMINAL,STRAIGHT SPADE,14-16 AWG NO. 6 SLOT
- 82	815947	AR	. STRAIN RELIEF,TWIN CABLE,LEFT (MALE)
- 83	815948	AR	. STRAIN RELIEF,TWIN CABLE,RIGHT (FEMALE)
- 84	317013	AR	. RESISTOR,FXD,CARB COMP,620 OHMS,P/M 5%, 0.5 W
- 84A	2414891	AR	. DIODE,TYPE GY
- 85	5182931	AR	. CONNECTOR ASM,34 POSITIONS,HIGH
- 85A	1749310	AR	. CONNECTOR ASM,34 POSITIONS,LOW (CONN 17MM HIGH)
- 86	5182932	AR	. TERMINAL,PIN CONTACT,20 AWG MAX
- 87	1657272	AR	. RIGHT ANGLE AUDIO PLUG
- 88	1150750	AR	. HOUSING,FLAG RECEPTACLE
- 89	721609	AR	. WALL PLUG,RECEPTACLE MALE,15A,3 POLE
- 90	8483541	AR	. CONNECTOR ASM,EMC,STYLE A,48 POS
- 90	8483543	AR	. CONNECTOR ASM,EMC (MFCU),STYLE A,48 POS
- 90A	8483772	AR	. BUS WRAP CCONNECTOR,STYLE B,48 POS,CE TOOL
- 90A	8483773	AR	. TAG WRAP CONNECTOR,STYLE B,48 POS,CE TOOL
- 90A	8483860	AR	. CABLE ASM,BUS TO TAG,CE TOOL
- 91	5362303	48	. . CONTACT AND PIN ASM USED ON ASM 8483541 AND 8483543 ONLY
- 92	5529190	1	. . CONNECTOR,A STYLE,PLATED,WITH GROUND,(RED DOT) USED ON ASM 8483541 ONLY
- 92	5353867	1	. . CONNECTOR,A STYLE,WITH INSERT (LIGHT GRAY) USED ON ASM 8483543 ONLY
- 92	5353869	AR	. . CONNECTOR,B STYLE,W/O INSERT (DARK GRAY) USED ON ASM 8483772,8483773 AND 8483860 ONLY
- 93	109918	2	. . SCREW,THRD FORM,FL HD,4-40, 0.5 LG USED ON ASM 8483541 AND 8483543 ONLY
- 94	5353902	1	. . PIN GUIDE USED ON ASM 8483541 AND 8483543 ONLY
- 94A	816649	AR	. . RETAINER,POLYETHYLENE USED ON ASM 8483772,8483773 AND 8483860 ONLY
- 94B	25627	AR	. . SCREW,MACH,BIND HD,8-32, 0.5 LG USED ON ASM 8483772,8483773 AND 8483860 ONLY
- 94C	8483861	AR	. . JUMPER ASM,130MM LG USED ON ASM 8483772,8483773 AND 8483860 ONLY FOR COMPONENT PARTS SEE FIGURE 21 -18
- 94C	8483862	1	. . CABLE ASM,130MM LG,USED ON ASM 8483860 ONLY FOR COMPONENT PARTS SEE FIGURE 21 -18,-66A,-84A
- 94C	8483863	2	. . CABLE ASM,250MM LG,USED ON ASM 8483860 ONLY FOR COMPONENT PARTS SEE FIGURE 21 -18,-66A,-84A
- 94C	8483864	1	. . JUMPER ASM,250MM LG,USED ON ASM 8483860 ONLY FOR COMPONENT PARTS SEE FIGURE 21 -18
- 94D	1570202	2	. . LABEL,RED DOT USED ON ASM 8483541 ONLY
- 94E	8483865	1	. . LABEL,BUS 8483772
- 94E	8483866	1	. . LABEL,TAG 8483773
- 94E	8483867	1	. . LABEL,TAG 8483860
- 95	765295	AR	. STRAIN RELIEF AND HOOD
- 95A	2721890	AR	. HOOD ASM WITH KNURLED MOUNTING SCREWS 2721892
- 95B	765496	AR	. HOOD ASM WITH METRIC MOUNTING SCREWS 1992674
- 96	5824321	AR	. HOOD
- 97	5372978	AR	. HOOD
- 98	5372979	AR	. CONNECTOR,23 POS,COAX
- 99	590259	AR	. THERMOSWITCH,N/C,100 DEG F,115V

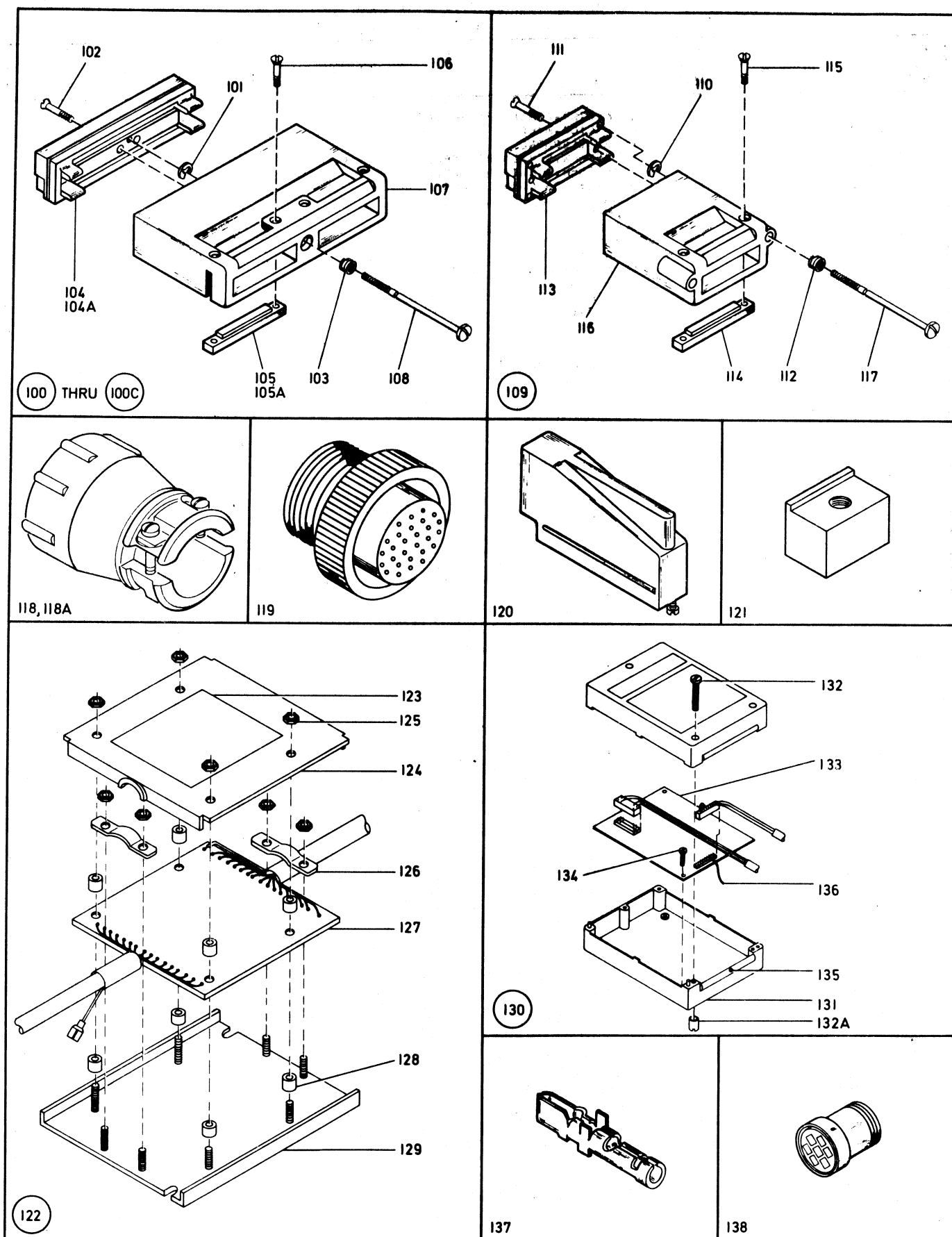


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 5 OF 6, INDEX NO. 100 THRU 138)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 -100	5362312	AR	• CONNECTOR ASM,STYLE A,COAX,48 POS			
-100A	5362313	AR	• CONNECTOR ASM,STYLE B,COAX,48 POS			
-100B	5466458	AR	• CONNECTOR ASM,STYLE A,48 POS			
-100C	5466459	AR	• CONNECTOR ASM,STYLE B,48 POS			
-101	264641	1	• • RETAINING RING,EXT,0.114 ID,0.025 THK			
-102	5529184	2	• • SCREW,SELF TAP,FLAT HD,4-40, 1 LG			
-103	1105806	1	• • SPRING,COMPRESSION			
-104	5353867	1	• • CONNECTOR,A STYLE,WITH INSERT (LIGHT GRAY)			
			USED ON ASMS 5362312 AND 5466458 ONLY			
-104A	5353869	1	• • CONNECTOR,B STYLE,W/O INSERT (DARK GRAY)			
			USED ON ASMS 5362313 AND 5466459 ONLY			
-105	5353896	2	• • STRAIN RELIEF ASM			
			USED ON ASMS 5362312 AND 5362313 ONLY			
-105A	5466457	2	• • STRAIN RELIEF ASM			
			USED ON ASMS 5466458 AND 5466459 ONLY			
-106	438560	4	• • SCREW,MACH,FLAT HD,4-40, 1 LG			
-107	5362306	1	• • COVER (DARK GRAY)			
-108	5362308	1	• • SCREW,GROOVED,BIND HD,8-32, 2.93 LG			
-109	5393058	AR	• CONNECTOR ASM,STYLE A,COAX,24 PCS			
-110	219633	2	• • RETAINING RING,EXT,0.073 ID,0.015 THK			
-111	438536	2	• • SCREW,MACH,FLAT HD,2-56, 0.5 LG			
-112	100027	2	• • SPRING,COMPRESSION			
-113	5393041	1	• • CONNECTOR,A STYLE,WITH INSERT (LIGHT GRAY)			
-114	5353896	1	• • STRAIN RELIEF ASM			
-115	438560	2	• • SCREW,MACH,FLAT HD,4-40, 1 LG			
-116	5393043	1	• • COVER (DARK GRAY)			
-117	5393054	2	• • SCREW,GROOVED,BIND HD,4-40, 2.93 LG			
-118	2462055	AR	• CABLE CLAMP,0.01 THRU 0.16 SQ IN CLAMP AREA			
-118A	2745029	AR	• CABLE CLAMP,0.08 THRU 0.39 SQ IN CLAMP AREA			
-119	2462062	AR	• CABLE PLUG,HOUSING,28 POS			
-120	5717874	AR	• HOOD,CONNECTOR			
-121	4688821	AR	• SPACER			
-122	NO NO.	AR	• LINE PLATE ASM,UK			
-123	1641895	1	• • LABEL			
-124	1641892	1	• • COVER			
-125	344015	8	• • NUT,SELF LOCKG,HEX,6-32, 0.312 FL W			
-126	2181200	2	• • CLAMP,CABLE			
-127	1891548	1	• • CARD ASM			
-128	440570	8	• • SPACER			
-129	1641893	1	• • ENCLOSURE			
-130	1734234	1	• LINE PLATE ASM,WT,OLD VERSION			
-130	8276938	1	• LINE PLATE ASM,WT,CSU,NEW VERSION			
-131	1730504	2	• • COVER			
-132	52523	3	• • SCREW,MACH,FIL HD,4-40, 0.625 LG			
-132A	8482979	3	• • NUT,RD,4-40, 4.75MM DIA			
-133	1734456	1	• • CARD ASM,OLD VERSION			
-133	8276900	1	• • CARD ASM,NEW VERSION			
-134	67873	2	• • SCREW,THRD FORM,PAN HD,4-40, 0.188 LG			
-135	2600562	1	• • SEAL,66MM LG			
-136	1730992	1	• • JUMPER ASM			
-137	2192504	AR	• TERMINAL,MALE,8-10 AWG,TIN,1.235 LG			
-138	2745024	AR	• CONNECTOR,HOUSING,MALE,7 POS			

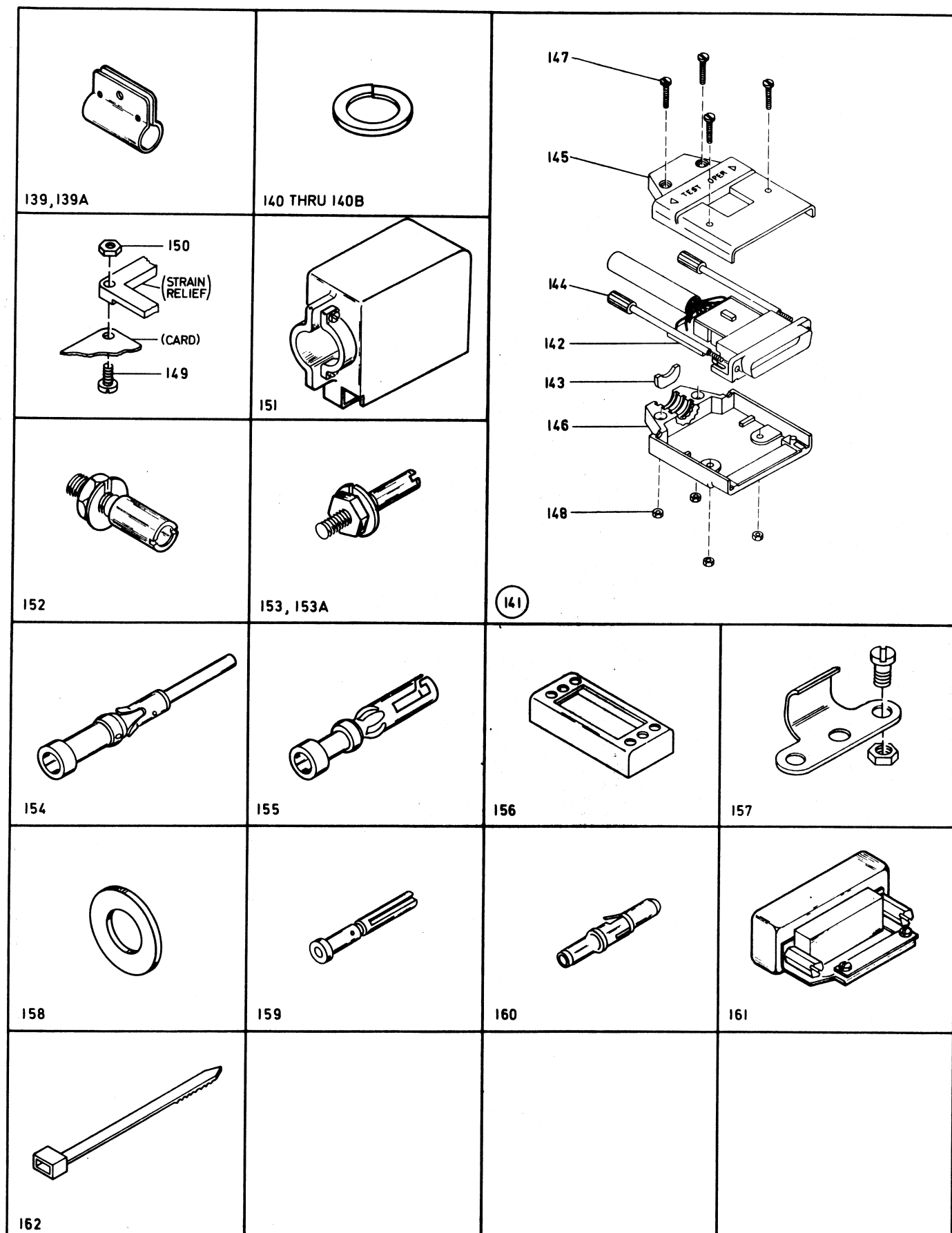


FIGURE 21. CABLE ASSEMBLIES WITH COMPONENT PARTS (SHEET 6 OF 6, INDEX NO. 139 THRU 162)

FIGURE- INDEX NUMBER	PART NUMBER	UNITS PER ASM.	DESCRIPTION			
			1	2	3	4
21 -139	2154939	AR	.	CLAMP,CABLE INTERCONN,0.593 ID		
-139A	2154997	AR	.	CLAMP,CABLE INTERCONN,0.9 ID		
-140	9092	AR	.	WASHER,LCK,SPLIT RING,0.194 ID,0.337 OD		
-140A	1090873	AR	.	WASHER,LCK,SPLIT RING,0.168 ID,0.296 OD		
-140B	1622316	AR	.	WASHER,LCK,SPLIT RING,3.1MM ID,6.2MM OD		
-141	NO NO.	AR	.	SWITCH CARD ASM		
-142	1743589	1	.	CARD ASM		
-143	1743515	1	.	STRAIN RELIEF		
-144	1743521	2	.	STUD,M2.6		
-145	1743512	1	.	HOOD,TOP		
-146	1743513	1	.	HOOD,BOTTOM		
-147	5393343	4	.	SCREW,MACH,PAN HD,4-40, 0.687 LG		
-148	37913	4	.	NUT,HEX,4-40, 0.25 FLW		
-149	438540	2	.	SCREW,MACH,BIND HD,2-56, 0.375 LG		
-150	47987	2	.	NUT,HEX,2-56, 0.188 FL W		
-151	2122263	AR	.	HOOD,90 DEG,34 POS CONN		
-152	2122202	AR	.	SOCKET,GUIDE CENTER,34 POS CONN,4-40		
-153	2122203	AR	.	PIN,GUIDE CENTER,34 POS CONN,4-40		
-153A	2122734	AR	.	PIN,GUIDE CORNER,34 AND 50 POS CONN,4-40		
-154	1749355	AR	.	TERMINAL,PIN,SIGNAL CONT,20 AWG MAX		
-155	532904	AR	.	TERMINAL,SOCKET,SIGNAL CONT,18-20 AWG		
-156	1749356	AR	.	HOOD,CONNECTOR PIN		
-157	1749354	AR	.	SPRING SET,LOCKING,WITH NUT AND SCREW		
-158	257985	AR	.	WASHER,FL,3.2MM ID,6.4MM OD,0.7MM THK		
-159	5337090	AR	.	CONTACT,INNER,FEMALE,COAX		
-160	5337091	AR	.	CONTACT,OUTER,MALE,COAX		
-161	5337092	AR	.	HOUSING,PLUG		
-162	1159913	AR	.	STRAP,CABLE,100MM LG		

NUMERICAL INDEX

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3550	4 - 216		8A- 9	237327	21 - 48		12A- 58
	12A- 75		9 - 35	237395	11 - 53	440570	21 - 128
3960	2 - 13		9 - 66	251015	4 - 11	442958	12 - 38
	2 - 47	58207	20 - 22	253329	17A- 16A		12A- 65
5677	5 - 12	65756	4 - 215	257187	5 - 23		13 - 57
6364	18A- 11	67873	21 - 134		5 - 26		13 - 77
	19 - 16	76574	11 - 36		5 - 30	442959	11 - 25
6935	12A- 79		12 - 15		8A- 10		12A- 73
9092	11 - 78		12A- 37		18A- 12	450692	11 - 65
	12 - 20		13 - 42		19 - 17	471901	1 - 2
	12A- 78	81693	8A- 8		20 - 80		3 - 93A
	13 - 69C		9 - 34	257189	8 - 130	474644	8A- 14
	18A- 27		19 - 36		11 - 27	480755	2 - 25
	21 - 140		20 - 1		12 - 40		2 - 79
10170	8A- 21		20 - 27		12A- 62		9 - 2
	9 - 46		20 - 46		13 - 60		18 - 24
11598	5 - 19		20 - 86		20 - 55	483619	21 - 40
	11 - 45		20 - 94		21 - 70D	483648	21 - 9B
	11 - 59	82725	21 - 5	257970	20 - 25	483649	21 - 9A
	12 - 32	91469	4 - 28	257985	21 - 158	483651	21 - 9
	12A- 50	92752	9 - 40	259186	10 - 13	483652	21 - 9C
	12A- 56		15 - 12	264641	21 - 101	483673	21 - 1
	13 - 38		16 - 13	302090	20 - 7	483674	21 - 1A
	13 - 51		16A- 13	302131	20 - 8	483675	21 - 1B
	14 - 12		17 - 13	303516	4 - 71	483676	21 - 1C
	21 - 70C	100027	21 - 112	307984	1 - 57	483677	21 - 1D
22066	4 - 92A	104294	8A- 19	311167	19 - 35	483678	21 - 1E
22478	8 - 129	107610	9 - 41	313361	21 - 81A	483679	21 - 1F
	11 - 26	107665	16 - 15	317013	21 - 84	483680	21 - 1S
	12 - 39		16A- 15	317193	14 - 5	483681	21 - 1G
	12A- 61		17 - 15	317296	4 - 182A	483682	21 - 1H
	13 - 59	107668	15 - 14		21 - 38	483683	21 - 1J
	20 - 21	107669	15 - 14	317310	8A- 15	483684	21 - 1K
23141	2 - 55	107670	15 - 14	321051	21 - 66	483685	21 - 1L
	3 - 41	109918	20 - 15	322065	5 - 9	483686	21 - 1M
	3 - 70		21 - 49	322271	4 - 27	483687	21 - 1N
	9 - 60		21 - 93	322550	19 - 21	483688	21 - 1P
25018	19 - 26	110029	20 - 45	322551	5 - 21	483689	21 - 1Q
25627	21 - 94B	111265	11 - 52		5 - 28	483690	21 - 1R
32042	21 - 71J	120571	19 - 23	331982	11 - 24	483694	21 - 81
34512	19 - 38	124555	4 - 189D		13 - 61	483697	21 - 81B
35868	1 - 55	124943	8A- 13		13 - 78	483770	21 - 67
	1 - 65	125145	18A- 50	332560	4 - 18	501550	12 - 35
	1 - 75	130987	1 - 2A		4 - 24		12A- 63
37913	21 - 148		3 - 93B	332620	11 - 81	502523	21 - 4
38235	20 - 33	138756	9 - 53		12 - 22	504879	21 - 2A
38368	21 - 71D	150676	20 - 47		12A- 76	507144	12 - 37
38383	21 - 71E	160017	4 - 214		13 - 69		12A- 64
45690	11 - 43		11 - 37	332747	19 - 31		13 - 56
	11 - 58		12 - 16	333769	15 - 11		13 - 76
	11 - 79		12A- 38	334910	21 - 2	510468	11 - 23
	12 - 10		13 - 43	335327	21 - 3		12 - 51
	12 - 30	161351	4 - 10	335970	21 - 6		12A- 59
	12A- 48	169698	7 - 4	337193	9 - 45		13 - 62
	12A- 54	170202	8A- 3	341200	21 - 73	511063	11 - 54
	12A- 77		8A- 23	344015	21 - 125	515718	13 - 55
	13 - 37	170241	20 - 78	350663	8 - 12	517913	21 - 64
	13 - 49	179966	15 - 5		8 - 113	523176	21 - 66A
	13 - 69B	184886	1 - 3	357995	9 - 32	523255	21 - 10
	14 - 10	186925	20 - 61	369207	15 - 19	523267	21 - 25
47242	5 - 17	186950	1 - 28		16 - 20	523268	21 - 26
47987	21 - 150		3 - 93C		16A- 20	523269	7 - 16
52523	21 - 132	193435	7 - 8		17 - 20		21 - 29
53193	16 - 7	194579	4 - 82A	372688	8A- 7	524519	2 - 83
55726	9 - 65	210883	8A- 16	418835	9 - 31		4 - 65
	20 - 48	210884	8A- 17	430798	21 - 8		4 - 211
55918	11 - 80	216323	9 - 20	430801	21 - 8A		18A- 49
	12 - 21	216362	8A- 20	438536	21 - 111	526048	21 - 23
	13 - 69A	219633	21 - 110	438540	21 - 149	526378	5 - 15
56079	5 - 13	223781	2 - 12	438548	20 - 66		15 - 21
	5 - 18		2 - 46	438550	21 - 71G		16 - 24
	11 - 44	234341	20 - 31	438560	21 - 106		16A- 24
	12A- 55	236550	20 - 57		21 - 115		17 - 24
	13 - 50		21 - 71	438567	18A- 14	532393	20 - 54
	14 - 11	236849	14 - 17		20 - 11	532904	21 - 155
56121	14 - 16	236915	21 - 7	438568	18A- 2	533289	2 - 58
56722	5 - 10	236916	21 - 7A		19 - 9	534768	4 - 199
	5 - 22	237032	16 - 12	438570	18A- 6		8 - 12

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556450	11 - 77	819412	4 -137		4 -103		12A- 34
556540	11 -116	819579	4 -141A		4 -108B		13 - 52
589721	11 - 38	819582	4 -128		4 -114	1621192	4 -183
	13 - 47	819632	4 -129		8 - 7		4 -217
	14 - 8	827991	21 - 10A		8 - 16		10 - 6
590259	21 - 99	832957	21 - 31		8 -117		11 -101
591465	13 - 58	845762	9 - 54		8 -122		12 - 61
591469	20 - 92		15 - 18		14 - 4		12A- 95
595359	4 -189B		16 - 19		18 - 6		13 - 81
596676	11 - 55		16A- 19		18 - 9		14 - 7
596756	2 - 8		17 - 19		18 - 23	1621193	4 - 25
	2 - 24	853073	11 - 2		18A- 19		17A- 7
	2 - 49		12 - 2		21 - 71H		21 - 71C
	3 - 92		12A- 9	1621171	3 - 85	1621194	3 - 60B
	4 - 34		13 - 2		4 - 52		4 - 48
598381	4 -182B		14 - 23		4 -105		16 - 26
600395	20 - 72	853288	2 - 34		4 -167		16A- 26
602721	20 - 51	855253	11 - 56	1621172	4 - 56	1621195	17 - 26
609686	21 - 27	855262	2 -154		4 - 72	1621196	18 - 14
609687	21 - 12	855263	2 -154	1621174	4 - 43	1621197	3 - 37
631865	18A- 7	855282	2 -153		9 - 37		8 - 4
	18A- 40	855283	2 -152	1621175	4 - 95		8 - 22
	19 - 14	855284	2 -150		9 - 5		8 -104
674570	21 - REF	855285	1 - 16	1621181	4 - 85		8 -107
721609	21 - 89	855286	2 -155		4 - 88		9 - 18
730432	3 - 91	960746	2 -154		4 -111		15 - 10
730468	4 - 37	960766	1 - 21		15 - 2H		16 - 2H
734879	9 - 39		2 -155	1621183	4 -187		16 - 11
740459	21 - 74	XXXXXXX	4 -181		4 -190		16A- 2H
740503	8 -125		4 -185	1621190	1 - 11		16A- 11
740513	8 - 15		4 -192		1 - 12		17 - 2H
	8 -121		4 -210		2 - 76		17 - 11
740540	8 -131		19 - 3		2 - 81		18A- 21
	8A- REF	1073043	1 - 59		3 - 75		18A- 24
740550	8A- 6		1 - 68		3A- 17		18A- 38
740554	8A- 18		1 - 77		3A- 21	1621210	2 - 22
740560	8A- 22	1090873	21 -140A		3A- 23		2 - 32
740562	8A- 22	1105806	21 -103		3A- 24		2 - 40
740563	8A- 24	1127037	21 - 8B		3A- 29		2 - 59
740564	8A- 2	1141141	10 - 15		3A- 31		3 - 4
740571	8A- 4	1143060	15 - 22		3A- 33		3 - 5
740606	8A- 12	1150748	21 - 22		4 - 15		3 - 8
740608	8 -125	1150750	21 - 88		4 - 21		3 - 15
740609	8 -131	1152264	21 - 80		4 - 45		3 - 30
	8A- REF	1159913	2 - 62		4 -193		3 - 64
741129	8A- 11		3 - 36		6 - 9		3 - 68
749059	1 - 62		14 - 26		8 - 13		3 - 73
765295	21 - 95		21 -162		9 - 12		3 - 77
765496	21 - 95B	1164265	19 - 32		9 - 50		3 - 88
804109	5 - 27	1166114	21 - 20B		9 - 58		3 - 96
811417	4 -116	1177332	4 - 81A		11 - 4		3 - 99
811427	2 - 63		4 -151		11 - 9		3A- 11
	4 -125		4 -197		11 - 13		3A- 13
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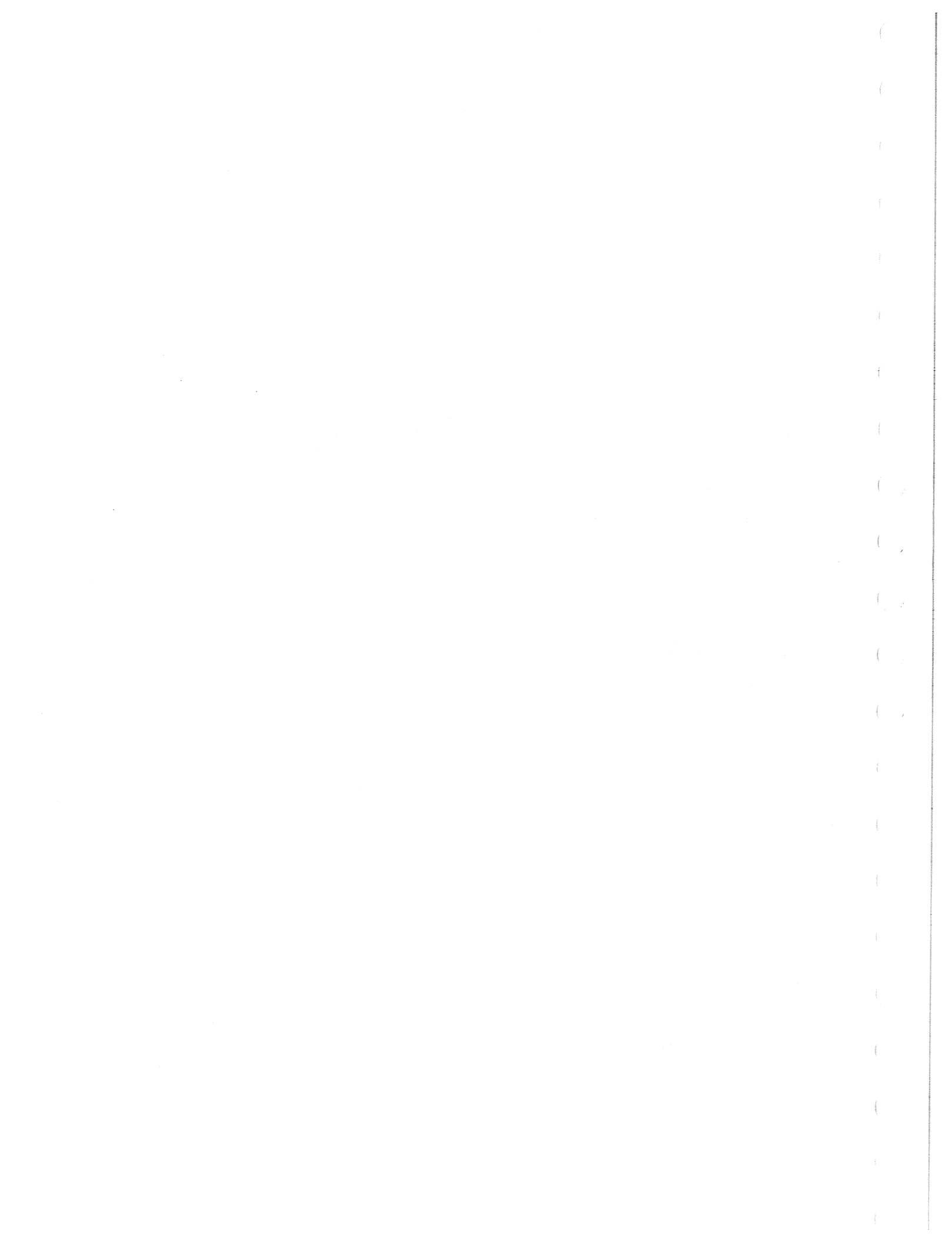
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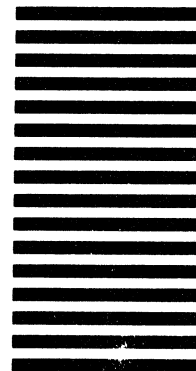
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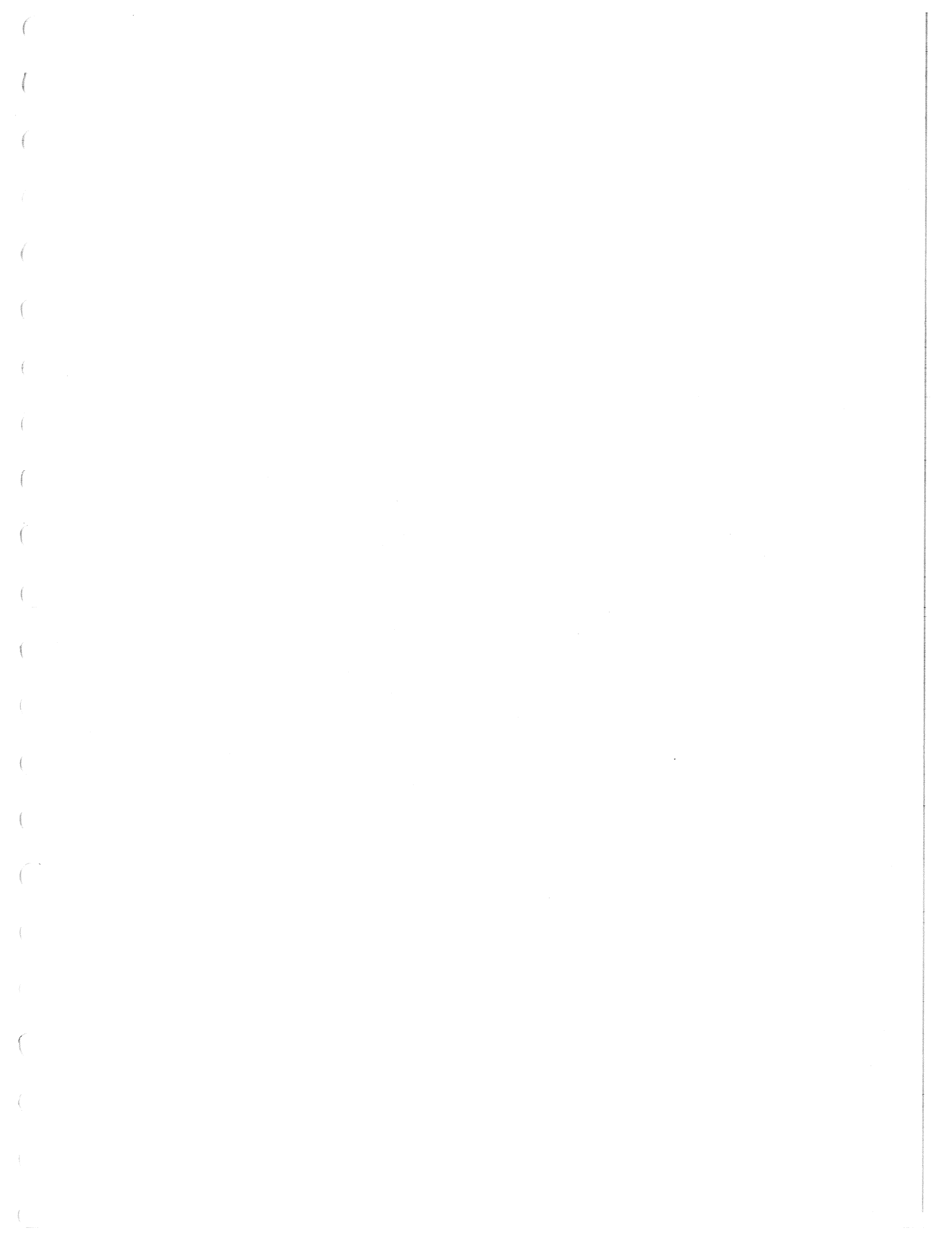
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