



Maintenance Library

2314

**Storage Control
Parts Catalog**

PREFACE

This Catalog contains information released by Engineering as of the date indicated at the bottom of each page.

Fifth Edition (January 1971)

This is a major revision and makes obsolete Order No. S123-0461-2 and S123-0461-3

Significant changes or additions to the specifications contained in this publication are continually being made. When using this publication in connection with the operation of IBM equipment, contact the local IBM Branch Office for revisions.

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HOW TO USE THIS PARTS CATALOG

CATALOG ORGANIZATION

To find parts quickly a general understanding of the structure of this catalog is necessary. The catalog is divided into three major sections

- The Visual Index shows an overall view of the machine and references the detailed figures in the catalog section.
- The Catalog Section contains a pictorial breakdown of assemblies and subassemblies.
- The Numerical Index is a numerical list of all parts used in the machine, with cross references to the figure on which the part is found.

VISUAL INDEX: This index, located before the catalog section, shows an overall view of all assemblies in their physical location within the machine. Each assembly or group is named. The figure number where the parts for that assembly are defined is also given.

CATALOG SECTION: This section contains the full sized illustrations previously noted in the Visual Index. Index numbers on figures refer to corresponding entries in the Group Assembly Parts List accompanying each figure. Refer to "Key Definition" for explanation of terms used in the Group Assembly Parts List.

NUMERICAL INDEX: This index, located after the Catalog Section, contains a complete list, in numerical order, of all part numbers used on the machine. Listed with the part number is the index and figure number on which the part is illustrated. The numerical index makes it possible to locate a part when only the part number is known.

STACKED INDEX NUMBERS:

These numbers are used when showing a part and its attaching hardware. The sequence of a typical stack is shown at right. The circled index number indicates the assembly is broken down within the figure.

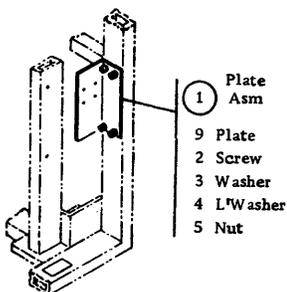


ILLUSTRATION NOTES: Cross-reference notes are printed directly on the illustration. The illustration's next higher assembly reference, normally located in the upper left corner of the page, will read: "For Parts Not Shown See Figure X". If an assembly is referenced to a lower level figure, the note located next to the index number will read: "See Figure X".

DOUBLE LINED DETAIL BOX: The information in this box differentiates between parts shown on the basic model and parts related to a level and/or feature difference. An explanation of the level or feature difference is also given here.

FINDING A PART

The Visual Index is the starting point for locating a part. Use figure references to locate the detailed figure in the catalog section.

Once the detailed figure in the catalog section is found, finding the part on the figure and referring to the listing for the part number and description is all that is required in most cases. If the first catalog section figure referenced shows the assembly containing the required part, the index number for the assembly will reference a lower level figure where the assembly is broken down to its component parts. If the figure referenced by the Visual Index contains neither the part nor an assembly containing the part, it is then necessary to go to the next higher assembly figure. This figure should then contain the part or an assembly containing the part; if not, an even higher level figure must be used. Refer back to the Visual Index for some other figure that could show the desired part.

NOTE: Many detailed parts are unavailable because they are part of an inseparable assembly (two or more parts welded or bonded together), or because they are part of an assembly purchased as a unit. If parts are found on a welded or bonded assembly, the following note follows the description of the assembly: "Assembly components are not replaceable". If the part is found on a purchased assembly, and the detail parts of this assembly do not have IBM part numbers, the note following the assembly description will read: "Assembly components are not available". In either case, you need to obtain the part number of the assembly, rather than the detailed part.

EXAMPLE FOR ORDERING A PART

4 -	5726422	FAN ASM-P/S ENCLOSURE	REF
		SEE FIG 1-184 FOR NEXT HIGHER ASSEMBLY	
		AND FIGURE 4 FOR ILLUSTRATION	
- 1	334921	TERMINAL-RING, 18-22 AWG, #6 HOLE, INS	2
- 2	187854	SHIELD, TERMINAL BLOCK- 2 POS	1
- 3	210984	SCREW, RD HD MACH-6-32 X .250 LG	ATT PT 1
- 4	5357050	FAN ASM-NO CONNECTOR	1
- 5	32042	SCREW, MACH BIND. HD 10-32 X .375 LG	ATT PT 2
- 6	5357066	BLADE	1
- 7	5357067	MOTOR 208V/230V 60CY 220V 50CY	1
- 8	130434	SCREW-MACH, SLOTTED HEX HD 10-32 X .375 LG	ATT PT 2
- 9	56079	WASHER, LOCK-EXT T .195ID .410 OD	ATT PT 2
- 10	5726436	HEADER-POWER SUPPLY FAN	1

If the entire fan is required, part number 5726422 should be ordered (all one-dot items will be received). If only the subassembly is required, part number 5357050 should be ordered (all two-dot items will be received). Each part may be ordered individually.

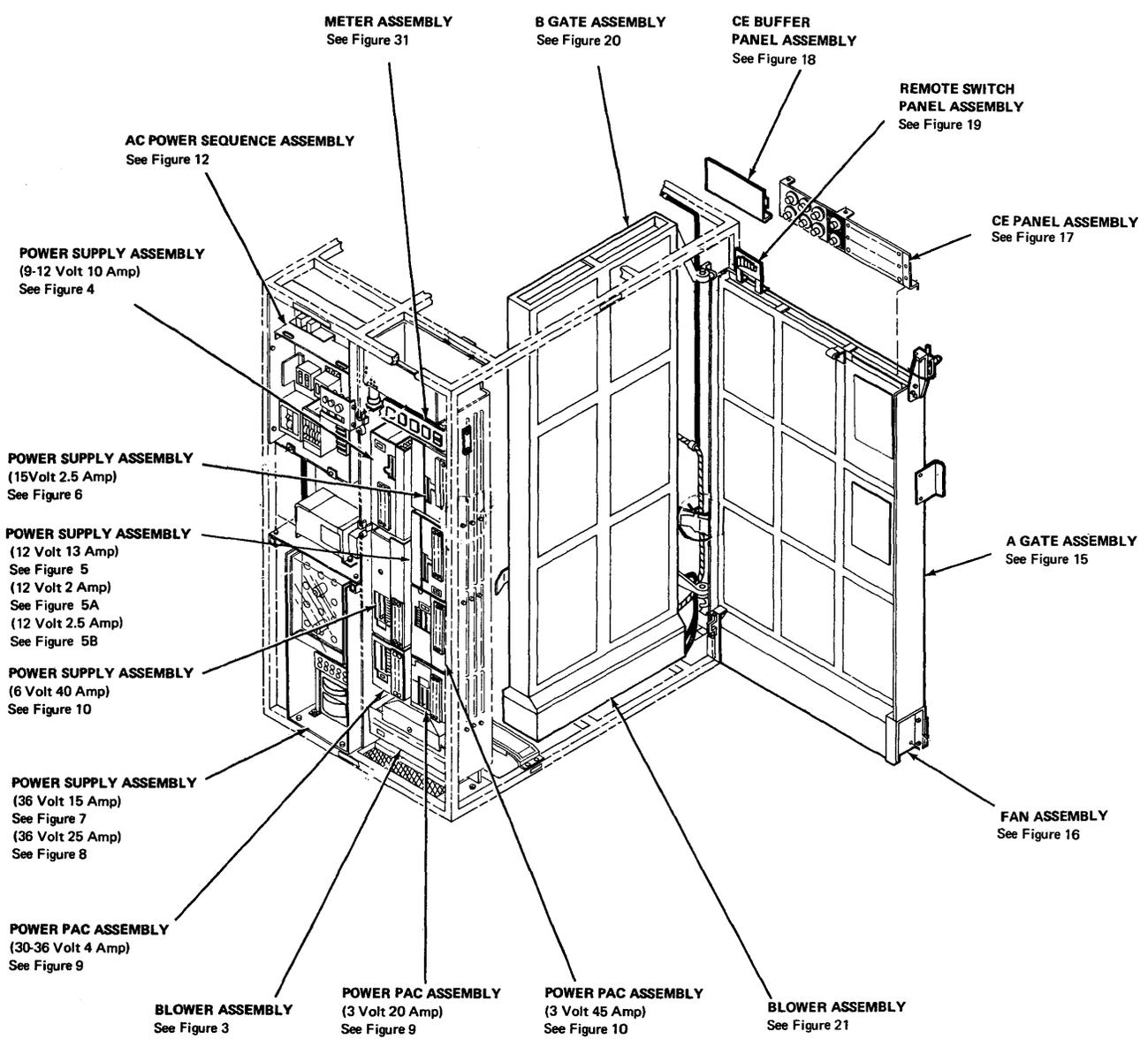
KEY DEFINITIONS

- 1 **SIMILAR ASSEMBLIES:** If two assemblies contain a majority of identical parts, they are broken down on the same list. Common parts are shown by one index number. Parts peculiar to one or the other of the assemblies are listed separately and identified by Usable On Code.
- 2 **NP:** This entry in the part number column indicates that the assembly is non-procurable and that the detailed parts should be ordered separately.
- 3 **USABLE ON CODE:** Part application and interchangeability are indicated by the usable on code. If this column is blank, the parts pertain to all equipment covered. Two types of codes are used. The alphabetic code denotes similar assemblies and/or features; the numeric code denotes parts or assemblies that may vary in design between groups of machines. Refer to the beginning of each list for the explanation of the code (s).
- 4 **REF:** This entry, in the units per assembly column, denotes an assembly which is completely assembled on a preceding illustration. Quantities for such items are found in its next higher assembly.
- 5 **INDENTURE:** The relationship of a part to its next higher assembly is indicated by indentures.
For example:

1	2	3	4
Unit			
. Assemblies and Detail Parts of Unit			
. Attaching Parts for Assemblies & Detail Parts			
. . Subassemblies			
. . Attaching Parts for Subassemblies			
. . . Detail Parts for Subassemblies, etc.			
- 6 **ATT PT:** Attaching Parts. These parts are used to attach a subassembly to an assembly. The attaching parts are listed immediately following the part to be attached.
- 7 **AR:** As Required (AR) in the units per assembly column denotes that the quantity is used as required.
- 8 **NO NUMBER:** When this indication appears in the part number column, it denotes a group of parts for which no assembly part number has been assigned, and the detail parts should be ordered separately.
- 9 **"COMM":** Commercial hardware. When this indication appears in the part number column, it denotes hardware procurable from normal commercial sources and not identified by an IBM part number.
- 10 **NR:** The NR in the part number column denotes the part is procurable but not recommended for field replacement, and that the next higher assembly should be ordered.

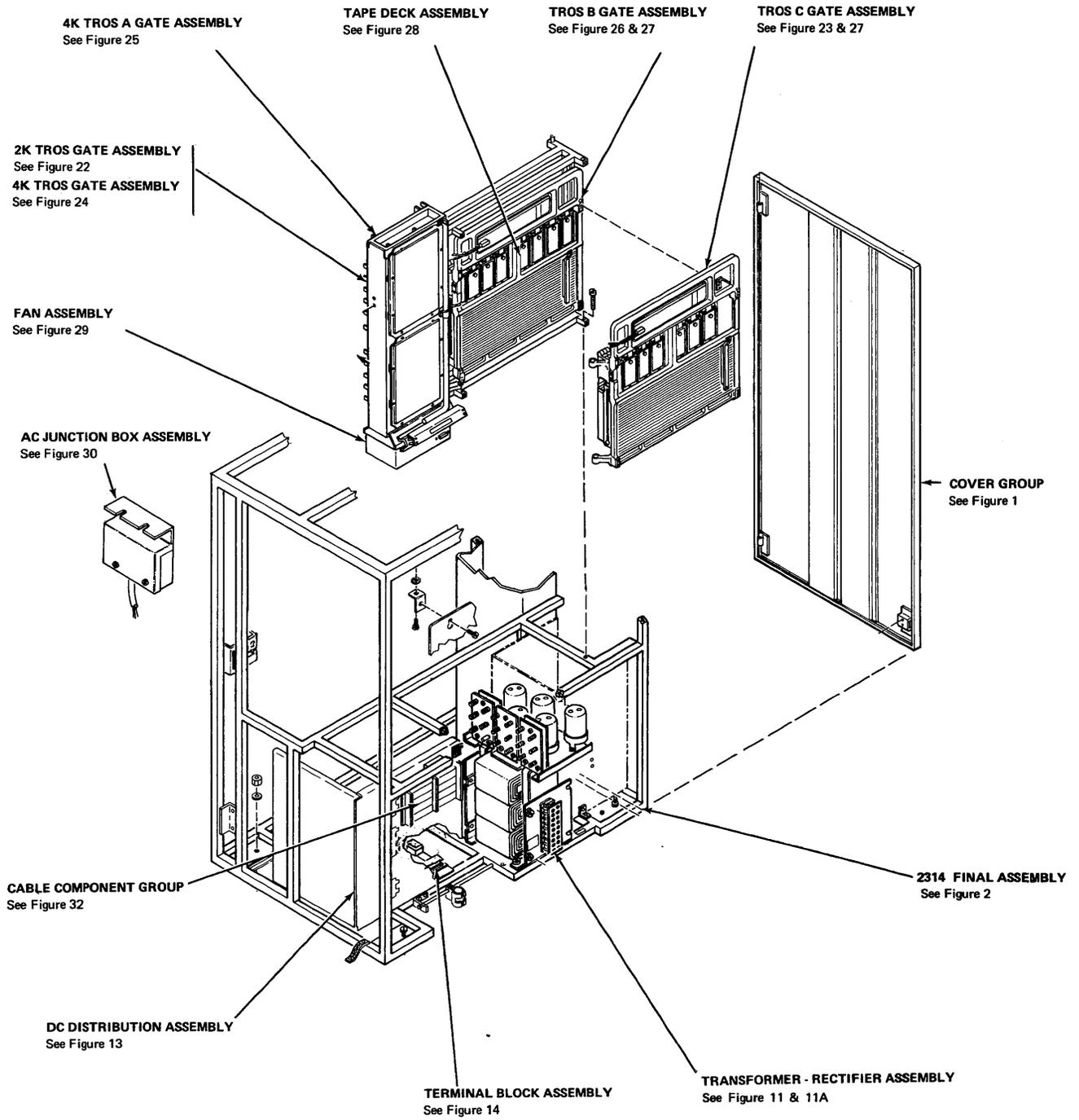
EXAMPLE OF PARTS LIST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
		3 CODE A USED ON 60 HERTZ CODE B USED ON 50 HERTZ CODE 1 USED ONLY WITH STEEL COVERS CODE 2 USED ONLY WITH PLASTIC COVERS				4	3
4 -	5357002 NP	COOLING UNIT ASM, 60 HZ				REF	1A
-	5468301 NP	COOLING UNIT ASM, 50 HZ				REF	1B
		FOR ILLUSTRATION SEE FIGURE 4					
		FOR NEXT HIGHER ASM SEE FIGURE 3-21					
- 1	5349888	. LATCH				1	
- 2	5357136	. SCREW, PAN HD 4-40 X 0.187 THK				2	
		ATT PT					
- 3	5357005	. BLOWER ASM, 60 HZ				1	A
- 3	NO NUMBER	. BLOWER ASM, 50 HZ				1	B
- 4	740501	. SCREW, MACH-HEX HD 6-32 X 1/4 LG				4	
		ATT PT					
- 5	5357144	. . SCROLL AND WHEEL ASM, 60 HZ				1	A
- 5	5468306	. . SCROLL AND WHEEL ASM, 50 HZ				1	B
- 6	81693	. . SCREW, MACH-BIND HD 6-32 X 3/8 LG				3	
		ATT PT					
- 7	56722	. . WASHER-LOCK, EXT T, .150 ID				3	
- 8	5357025 NR	. . . WHEEL ASM, BLOWER-60 HZ				1	A
- 8	5468308 NR	. . . WHEEL ASM, BLOWER-50 HZ				1	B
- 9	"COMM"	. MOTOR AND CONNECTOR ASM				AR	
						7	



STORAGE CONTROL (Front View)

VISUAL INDEX I



STORAGE CONTROL (Rear View)

VISUAL INDEX II

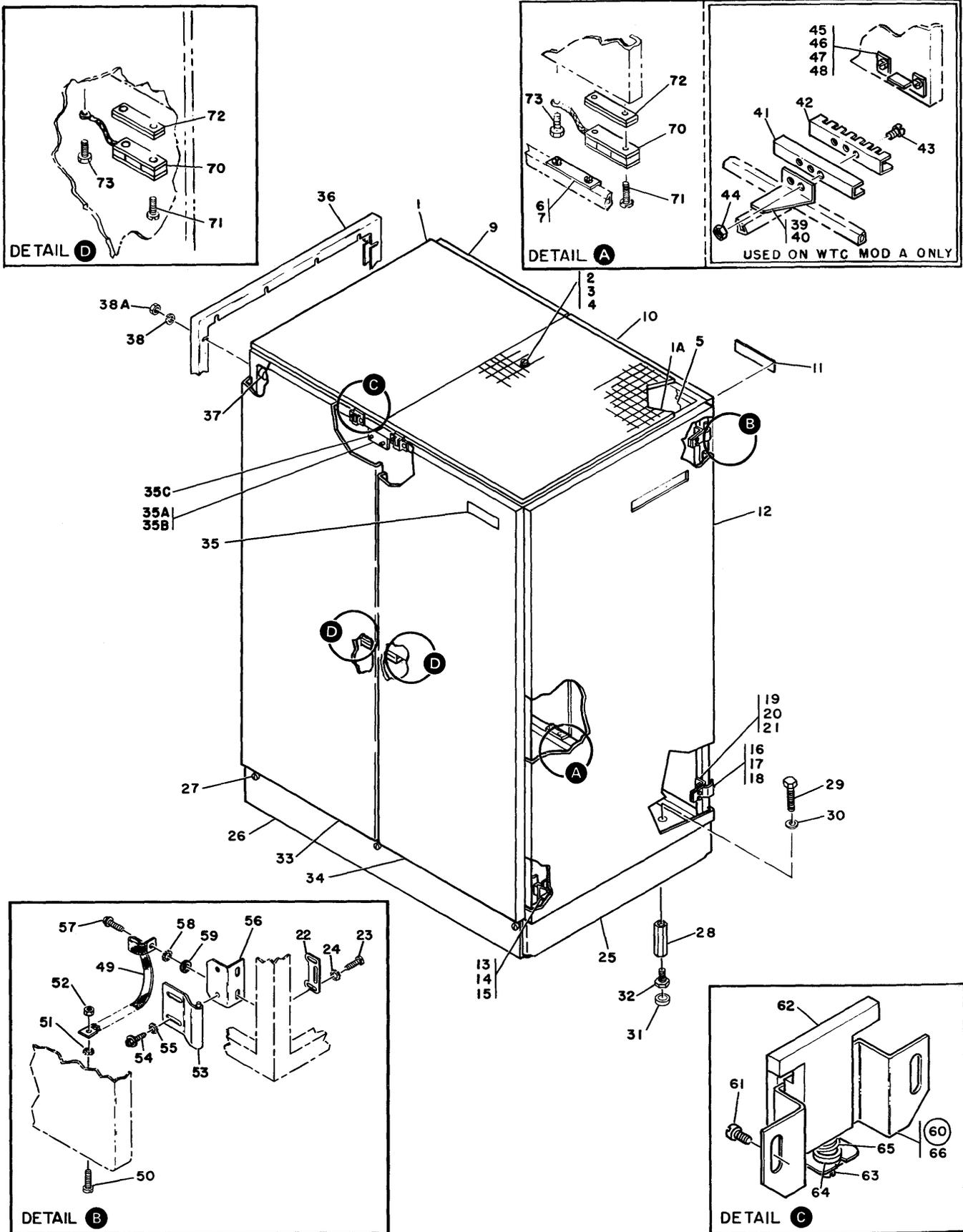
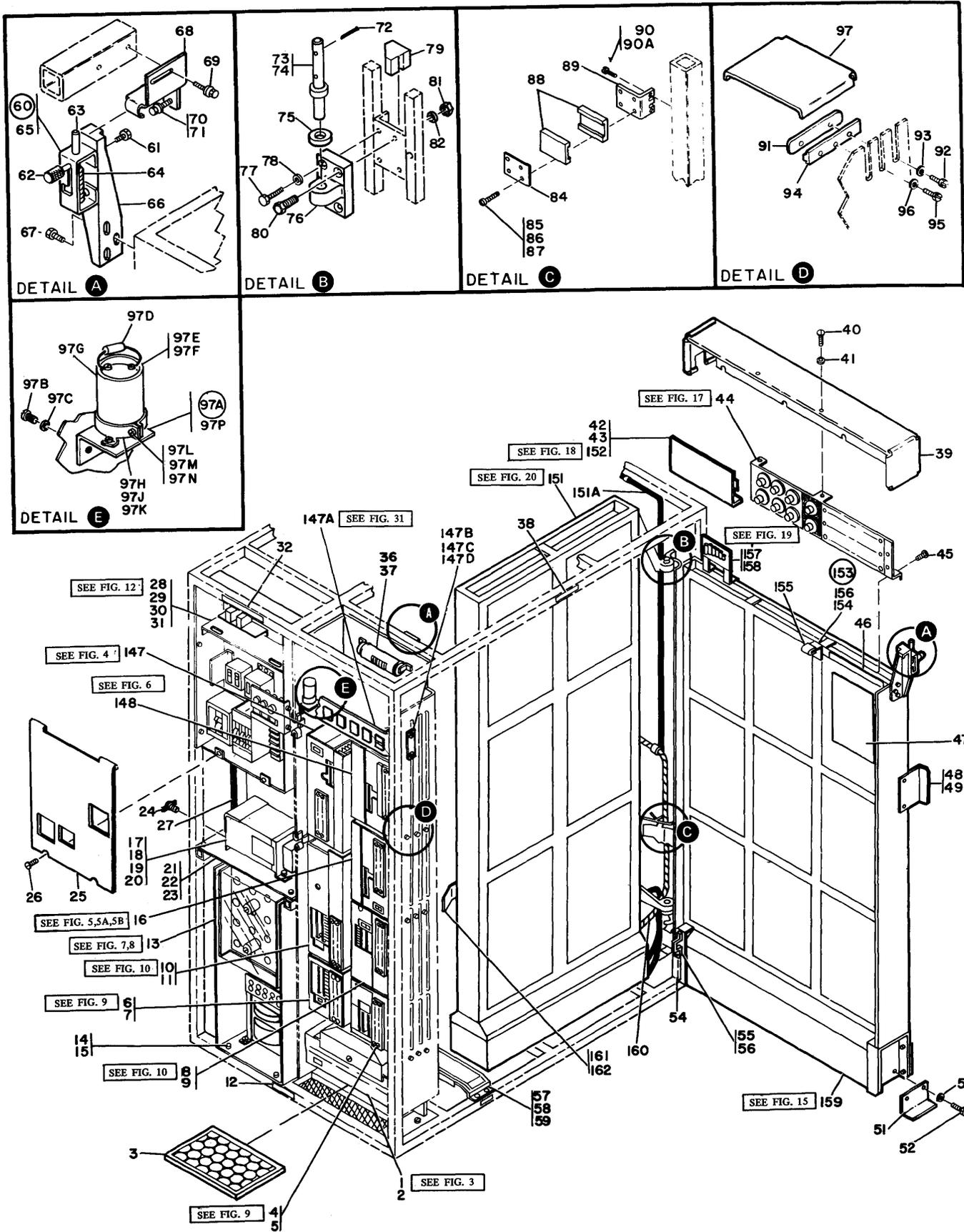


FIGURE 1. COVER GROUP
SEE LIST 1.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
		1 2 3 4		
		CODE A USED ON WTC MOD A ONLY		
1 -	2218802 NP	COVER GROUP FOR ILLUSTRATION SEE FIG 1	1	
- 1	2191859	. COVER, TOP LEFT	1	
- 1A	2191860	. COVER, TOP RIGHT	1	
- 2	2181011	. SCREW, SELF TAPPING, 6-32 X .50 LG.	9	ATT PT
- 3	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	9	ATT PT
- 4	5397868	. PLUG-LOCATING	9	ATT PT
- 5	2218846	. SCREEN-TOP	1	
- 6	2263003	. BRACKET	2	
- 7	25627	USED ON DOMESTIC MACHINES ONLY		
- 7	55901	. SCREW, MACH-BIND HD 8-32 X 1/2 LG	4	
		. WASHER, LOCK, EXT TEETH - .176 DIA	1	
- 9	2218825	. COVER, LT. REAR, BLUE	1	
- 9	2218876	. COVER, LT. REAR, RED	1	
- 9	2218877	. COVER, LT. REAR, YELLOW	1	
- 9	2218878	. COVER, LT. REAR, GRAY	1	
- 9	2285089	. COVER, LT. REAR, WHITE	1	
- 10	2244731	. COVER, RT REAR, BLUE	1	
- 10	2244732	. COVER, RT REAR, RED	1	
- 10	2244733	. COVER, RT REAR, YELLOW	1	
- 10	2244734	. COVER, RT REAR, GRAY	1	
- 10	2285088	. COVER, RT REAR, WHITE	1	
- 11	4251623	. LABEL, IDENTIFICATION-SOURCE U.K.	1	
- 12	2271169	. COVER, END	1	
- 12	2218827	USED ON DOMESTIC MACHINES ONLY		
		. COVER-END	AR	
- 13	513668	USED ON WTC MACHINES ONLY		
- 14	2181005	. CATCH, FRICTION LATCH	AR	
- 15	56722	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG	AR	ATT PT
- 16	2218923	. WASHER-LOCK, EXT T, .150 ID	AR	ATT PT
- 17	2181004	. HINGE-COVER, LOWER END	AR	
- 18	2125974	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	AR	ATT PT
- 19	2218919	. WASHER, INT TOOTH, .200 ID X .562 OD	AR	ATT PT
- 20	2181004	. BRACKET-HINGE COVER	AR	
- 21	2125974	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	AR	ATT PT
- 22	513669	. WASHER, INT TOOTH, .200 ID X .562 OD	AR	ATT PT
- 23	2181005	. STRIKE-FRICTION LATCH	AR	
- 24	56722	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG	AR	ATT PT
- 25	2218642	. WASHER-LOCK, EXT T, .150 ID	AR	ATT PT
- 26	2218638	. KICKSTRIP-END	1	
- 27	58207	. KICKSTRIP-FRONT & REAR	2	
- 28	2191787	. SCREW, BH, 8-32 X 0.250 LG	4	ATT PT
- 29	2191786	. SPACER-1/2-13 X 1-3/4 LG	4	
- 30	130987	. BOLT-SQUARE NECK, 1/2-13 X 2 LG	4	ATT PT
- 31	2162666	. WASHER, LOCK-SPLIT 0.509 ID X 0.879 OD	4	ATT PT
- 32	93178	. CUP	4	
- 33	2271128	. SCREW, CAP-SLOT HD, 1/13 X 3/4 LG	1	
- 33	2271129	. COVER, LT FRONT, BLUE	1	
- 33	2271130	. COVER, LT FRONT, RED	1	
- 33	2271131	. COVER, LT FRONT, YELLOW	1	
- 33	2285087	. COVER, LT FRONT, GRAY	1	
- 34	2218826	. COVER, LT FRONT, WHITE	1	
- 34	2218873	. COVER-RIGHT FRONT, BLUE	1	
- 34	2218874	. COVER-RIGHT FRONT, RED	1	
- 34	2218875	. COVER-RIGHT FRONT, YELLOW	1	
- 34	2285086	. COVER-RIGHT FRONT, GRAY	1	
- 35	2218854	. COVER, RIGHT FRONT, WHITE	1	
- 35	2218856	. NAMEPLATE, DIR ACC STORAGE FAC, ENGLISH	1	
- 35	2218858	. NAMEPLATE, DIR ACC STORAGE FAC, FRENCH	1	
- 35	2218858	. NAMEPLATE, DIR ACC STORAGE FAC, GERMAN	1	
- 35A	2218829	. BRACKET-BUMPER COVER	2	
- 35B	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	2	
- 35C	1108505	. BUMPER	4	
- 36	2218922	. SPACER-FRAME	1	
- 37	2218930	. SCREW-HEX SLOTTED HEAD, 0.312-18 X 4-1/2	4	ATT PT
- 38	257983	. WASHER, LOCK-SPLIT 0.319 ID X 0.591 OD	4	ATT PT
- 38A	4564	. NUT, HEX 5/16-18 THREAD	4	ATT PT
- 39	2261829	. BRACKET	1	A
- 40	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	2	A
- 41	2532172	. CHANNEL, FINGER STRIP	1	A
- 42	2532078	. FINGER STRIP, 4.046 LONG	1	A
- 43	2300	. SCREW, MACH-FIL H 8-32 X 1/4 LG	2	A
- 44	257189	. NUT, HEX 8-32	2	A
- 45	2261828	. FINGER	2	A
- 46	38235	. SCREW, BIND HD 6-32 X .312 LONG	4	A

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
I - 47	56722	.	WASHER-LOCK,EXT T, .150 ID		ATT PT	4	A
- 48	257187	.	NUT,HEX 6-32 NC		ATT PT	4	A
- 49	2101376	.	STRAP-GROUND			2	
- 50	332620	.	SCREW,MACH-BIND HD 10-32 X 1/2 LG		ATT PT	2	
- 51	56079	.	WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH		ATT PT	4	
- 52	11598	.	NUT,HEX, 10-32 X 0.375 FL W		ATT PT	2	
- 53	2218929	.	HINGE-COVER			AR	
- 54	2181004	.	SCREW-HEX HD SELFTAP 10-32 X .375 LONG		ATT PT	AR	
- 55	2125974	.	WASHER, INT TOOTH, .200 ID X .562 OD		ATT PT	AR	
- 56	2218919	.	BRACKET-HINGE COVER			9	
- 57	2181004	.	SCREW-HEX HD SELFTAP 10-32 X .375 LONG		ATT PT	18	
- 58	2125974	.	WASHER, INT TOOTH, .200 ID X .562 OD		ATT PT	18	
- 59	56079	.	WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH		ATT PT	2	
- 60	2218822	.	LATCH ASSEMBLY, 60 HZ			AR	
- 60	2218824	.	LATCH ASM,50 HZ			5	
- 61	2181004	.	SCREW-HEX HD SELFTAP 10-32 X .375 LONG		ATT PT	AR	
- 62	2218848	.	LATCH, COVER-60HZ			1	
- 62	2218849	.	LATCH-COVER,TOOL OPERATED-50HZ			1	
- 63	2218860	.	SCREW-PAN HD,6-32 X 1 LG		ATT PT	1	
- 64	257986	.	WASHER,0.156 ID X 0.035 THK			1	
- 65	508137	.	SPRING,HELICAL,COMPR- 9 TURNS			1	
- 66	2218861	.	BRACKET-LATCH			1	
- 70	848877	.	LATCH ASM,MAGNETIC			4	
- 71	38269	.	SCREW,MACH 4-40 X 1.00 LG			8	
- 71	216128	.	NUT,LOCK- 4-40 NC			8	
- 72	824393	.	SPACER,MAGNETIC LATCH			4	
- 73	25627	.	SCREW,MACH-BIND HD 8-32 X 1/2 LG			4	
- 73	55901	.	WASHER, LOCK, EXT TEETH - .176 DIA			4	
- 73	257189	.	NUT, HEX 8-32			4	
			**** END OF LIST 1 ****				



LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE
				ON CODE
		CODE A USED W/AIRLINES BUFFER FEA CODE B USED ON MODEL B ONLY		
		CODE D USED W/2844 OR AIRLINES BUFFER CODE E USED W/O 2844 OR AIRLINES BUFFER CODE F USED W/2844 ATTACH FEA		
		CODE G USED WITH STAND ALONE FEATURE CODE 1 USED W/4 TIMING CARDS CODE 2 USED W/2 TIMING CARDS		
		CODE 3 USED WITH POWER COMPATABILITY CODE 4 USED WITHOUT POWER COMPATIBILITY (FIELD USE)		
2 -	2218801 NP	2314 FINAL ASM	1	
- 1	2184084	. BLOWER ASSEMBLY, 60 HERTZ	1	
- 1	2191774	. BLOWER ASSEMBLY, 50 HERTZ	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 3		
- 2	2181004	. SCREW, THREAD FORMING-HEX WASHER HD ATT PT	2	
- 3	2128556	. FILTER, AIR, 12.0 X 6.50 INCHES.	1	
- 4	5234379	. POWER PAC ASM, 3V AT 20 AMP	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 9		
- 5	374873	. CARD ASM-REG	1	3
- 5	372677	. CARD ASM-MINUS 3VDC OVERVOLTAGE PROTECT	1	3
- 5	372676	. CARD ASM	1	4
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 6	730460	. POWER PAC ASM, 30-36V AT 4 AMP	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 9		
- 7	375387	. CARD ASM, VOLTAGE REGULATOR	1	3
- 7	375414	. CARD ASM, OVERVOLTAGE PROT.	1	3
- 7	372260	. CARD ASM	1	4
- 7	375310	. CARD ASM	1	4
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 8	5392896	. POWER PAC ASM, 3V AT 45 AMP	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 10		
- 9	374873	. CARD ASSEMBLY-REG	1	
- 9	372677	. CARD ASM-MINUS 3VDC OVERVOLTAGE PROTECT	1	
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 10	5239180	. POWER PAC ASM, 6V AT 40 AMP	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 10		
- 11	375385	. CARD ASM, VOLTAGE REGULATOR	1	3E
- 11	372423	. CARD ASM, OVERVOLTAGE	1	3E
- 11	375162	. CARD ASM, OVERVOLTAGE	1	3F
- 11	372990	. CARD ASM	1	4
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 12	124943	. LABEL-HAZARDOUS AREA	1	
- 13	5709630	. POWER SUPPLY ASM, 36V AT 25 AMP, 60 HZ	1	
- 13	5709640	. POWER SUPPLY ASM, 36V AT 25 AMP, 50 HZ USED W/EXTERNAL LOAD RESISTOR FOR DETAIL BREAKDOWN SEE FIGURE 8	1	
- 13	5760737	. POWER SUPPLY ASM, 36V AT 15 AMP, 60 HZ	1	
- 13	5760750	. POWER SUPPLY ASM, 36V AT 15 AMP, 50 HZ USED W/O EXTERNAL LOAD RESISTOR	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 7		
- 14	2181004	. SCREW, THREAD FORMING-HEX WASHER HD ATT PT	4	
- 15	56079	. WASHER-LOCK, EXT T .204 ID .410 OD ATT PT	1	
- 16	5762080	. POWER SUPPLY ASM, 12V AT 13A WHEN REPLACING COMPLETE ASM ORDER 5712365 P/S ASM FOR DETAIL BREAKDOWN SEE FIGURE 5	1	3
- 16	5712365	. POWER SUPPLY ASM, 12V AT 2 AMP	1	3
		FOR DETAIL BREAKDOWN SEE FIGURE 5A		
- 16	5239412	. POWER SUPPLY ASM, 12V AT 2.5 AMP, 60 HZ	1	4
- 16	5239430	. POWER SUPPLY ASM, 12V AT 2.5 AMP, 50 HZ FOR DETAIL BREAKDOWN SEE FIGURE 5B	1	4
- 16A	372085	. CARD ASM, REG	1	3
- 16B	374837	. CARD ASM, DRIVER	1	3
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 17	2194932	. TRANSFORMER, 220V/115V 1.15 KVA 60 HZ	1	
- 17	4116479	. TRANSFORMER, 50HZ	1	
- 18	2181004	. SCREW, THREAD FORMING-HEX WASHER HD ATT PT	3	
- 19	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD ATT PT	3	
- 20	56079	. WASHER-LOCK, EXT T .204 ID .410 OD ATT PT	1	
- 21	2218869	. BRACKET-TRANSFORMER MOUNTING	1	
- 22	2181004	. SCREW, THREAD FORMING-HEX WASHER HD ATT PT	4	
- 23	56079	. WASHER-LOCK, EXT T .204 ID .410 OD ATT PT	1	
- 24	237327	. CLAMP-CABLE	1	
- 25	2218842	. COVER, SEQUENCE-60 HZ	1	E
- 25	4056253	. COVER, SEQUENCE-50 HZ	1	E
- 25	2218847	. COVER, SEQUENCE-50 HZ	1	F
- 26	2181004	. SCREW, THREAD FORMING-HEX WASHER HD ATT PT	2	

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
2 - 27	2218901	. CABLE ASM,LINE FILTER TO SEQ BOX,60 HZ	1	
- 27	4056288	. CABLE ASM,FILTER TO SEQUENCE,50 HZ	1	
		FOR COMPONENTS SEE FIG 32		
- 28	2218806	. AC POWER AND SEQUENCE ASM,60 HZ	1	
- 28	2218809	. AC POWER AND SEQUENCE ASM,50 HZ	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 12		
- 29	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	ATT PT	2
- 30	332620	. SCREW,MACH-BIND HD 10-32 X 1/2 LG	ATT PT	2
- 31	56079	. WASHER-LOCK,EXT T .204 ID .410 OD	ATT PT	2
- 32	535632	. DECAL-INST,HAZARDOUS AREA		1
- 36	322687	. RESISTOR		1 4
- 37	236849	. SCREW,MACH-BIND HD 10-32 X 1/4 LG		2 4
- 38	124943	. LABEL-HAZARDOUS AREA		1
- 39	2218893	. COVER-CE PANEL		1
- 40	5350006	. SCREW, SELF TAPPING, 6-32 X .250 LONG	ATT PT	6
- 41	56722	. WASHER-LOCK,EXT T, .150 ID	ATT PT	6
- 42	2218892	. PANEL-BLANK,CE		1
		USED W/O AIRLINES BUFFER FEATURE ONLY		
- 43	236849	. SCREW,MACH-BIND HD 10-32 X 1/4 LG	ATT PT	2
- 44	2218880	. PANEL ASSEMBLY- CE 50 AND 60 CYCLE		1
		FOR DETAIL BREAKDOWN SEE FIGURE 17		
- 45	236849	. SCREW,MACH-BIND HD 10-32 X 1/4 LG	ATT PT	4
- 46	2251089	. LABEL		1
- 47	2244999	. LABEL,ERROR CODE		1
- 48	2194029	. HANDLE-CARD GATE		1
- 49	811426	. SCREW,MACH-PAN HD 6-32 X 3/8 IN. LG	ATT PT	4
- 51	2261623	. SHOE		1
- 52	140425	. SCREW,MACH-HEX HD 10-32 X 5/16 LG	ATT PT	2
- 53	2261624	. WASHER,BLVL,0.203 ID X 0.88 OD X 0.09 TH	ATT PT	2
- 54	2111680	. EXTRUSION-RUBBER		AR
- 55	2184181	. CLAMP-POWER CABLE		1
- 56	5319854	. SCREW, SELF TAPPING, 8-32 X .375 LONG	ATT PT	2
- 57	2218888	. SUPPORT-CARD GATE		1
- 58	2181001	. SCREW,THD FORMING-HEX WASH HD 10-32X 3/4	ATT PT	2
- 59	2181004	. SCREW,THREAD FORMING-HEX WASHER HD	ATT PT	2
- 60	2172092	. LATCH ASSEMBLY-GATE		1
- 61	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG	ATT PT	2
- 62	528013	. . STUD-LATCH		1
- 63	528014	. . PIN-LATCH		1
- 64	528012	. . SPRING,HELICAL,COMPR		1
- 65	528011	. . BRACKET-LATCH		1
- 66	2193908	. BRACKET-LATCH		1
- 67	2181004	. SCREW,THREAD FORMING-HEX WASHER HD	ATT PT	3
- 68	2218879	. STRIKE-GATE LATCH		1
- 69	2181004	. SCREW,THREAD FORMING-HEX WASHER HD	ATT PT	2
- 70	255939	. SCREW-BUMPER ADJ 1/4-20 X 1-3/16 LG		1
- 71	3690	. NUT,PLAIN,HEXAGON		1
- 72	55102	. PIN,COTTER-EXT PRONG 0.060 DIA X 3/4 LG		2
- 73	2184164	. PIN,HINGE,LOWER		1
- 74	2128529	. PIN,HINGE,UPPER		1
- 75	130985	. WASHER,FL- 0.531 ID 1-1/16 OD 0.095 THK		2
- 76	244571	. PLATE,HINGE		2
- 77	38688	. SCREW,HEX HD,1/4-20 X 0.750 LG	ATT PT	7
- 78	76574	. WASHER, LOCK-EXT. TEETH .250	ATT PT	7
- 79	2285319	. STOP,GATE		1
- 80	59647	. SCREW,MACH-HEX HD 1/4-20 X 1 LG		1
- 81	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W		1
- 82	3550	. WASHER,FLAT 1/4 ID-9/16-OD-0.05 THICK		1
- 84	2211491	. PLATE,FLAT CORE		1
- 85	438602	. SCREW,MACH-BIND HD 10-32 X 1-1/2 LG	ATT PT	4
- 86	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD	ATT PT	4
- 87	11598	. NUT,HEX, 10-32 X 0.375 FL W	ATT PT	4
- 88	853288	. CORE,FERRITE		2
- 89	2211492	. BRACKET,FLAT CORE		1
- 90	2181004	. SCREW,THREAD FORMING-HEX WASHER HD	ATT PT	2
- 90A	2125974	. LOCKWASHER,DISHED,EXT,INT,NO. 10	ATT PT	2
- 91	2193932	. OUTER RAIL,POWER SUPPLY MOUNTING		AR
- 92	101706	. SCREW,MACH-HEX HD 10-32 X 3/4 LG	ATT PT	AR
- 93	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD	ATT PT	AR
- 94	2193933	. INNER RAIL,POWER SUPPLY MOUNTING		AR
- 95	130434	. SCREW-MACH,SLOTTED HEX HD NO.10-32 X.375	ATT PT	AR
- 96	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD	ATT PT	AR
- 97	2218921	. SHIELD-POWER SUPPLY		1
- 97A	2261932	. CAPACITOR ASM,SEQ. CNTRL.		1 3
- 97B	130434	. SCREW-MACH,SLOTTED HEX HD NO.10-32 X.375	ATT PT	3 3
- 97C	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD	ATT PT	3 3

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
2- 97D	5736944	. . RESISTOR ASM	1	
- 97E	32042	. . SCREW, MACH BIND. HD 10-32 X 3/8 LG.	2	
- 97F	56121	. . WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	2	
- 97G	5261077	. . CAPACITOR-ELECTROLYTIC	1	
- 97H	320456	. . CLAMP	1	
- 97J	55726	. . SCREW, MACH-BIND HD 6-32 X .188 LG	3	ATT PT
- 97K	62031	. . WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	3	ATT PT
- 97L	322551	. . SCREW, BIND HD 6-32 X 0.75 LONG	1	
- 97M	257187	. . NUT, HEX 6-32 NC	1	
- 97N	62031	. . WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	1	
- 97P	2261931	. . BRACKET, L	1	
- 98	2227449	. BRACKET, MOUNTING-TROS FRONT	1	2E
- 99	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	2	E
-100	2194096	. BRACKET, TOP REAR-TROS MOUNTING	1	2E
-101	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	2	E
-102	2267940	. TROS GATE, 2 K, 60 HZ	1	2E
-102	2267939	. TROS GATE, 2 K, 50 HZ	1	2E
		FOR DETAIL BREAKDOWN SEE FIGURE 22		
-103	129147	. SCREW, MACH-HEX HD 1/4-20 X 7/8 LG	2	E
-104	5350092	. SCREW	10	E
-105	76574	. WASHER, LOCK-EXT. TEETH .250	12	E
-106	24091	. WASHER, FL- 5/16 X 3/4 OD X 1/16 THK	12	E
-107	2227546	. BUSHING, NYLON-TROS	12	E
-108	2227446	. STRIP, INSUL, 1.00 X 3.00	6	2E
-108	2227447	. STRIP, INSUL, 1.00 X 6.00	6	2E
-109	2194097	. BRACKET, TOP FRONT-TROS MOUNTING	1	
-110	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	2	
-111	2267935	. BRACKET	1	2E
-112	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	2	E
-112A	2218898	. CABLE ASM-AC DIST FANS AND 12 VPS	1	
		FOR COMPONENTS SEE FIGURE 32		
-112B	2271122	. PLATE	1	
-112C	28413	. SCREW, MACH-BIND HD 10-32 X 5/16 LG	4	
-112D	2271123	. BRACKET, L	4	
-112E	5349929	. SCREW, THD FORMING HEX- 8-32 X 1/2 LG	4	
-112F	55901	. LOCKWASHER	4	
-112G	2218865	. BRACKET-I/O SUPPORT	1	
-112H	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	1	
-113	2100837	. CLAMP, CABLE	2	
-114	2244886	. SHIM, 2.25 SQUARE X 0.060 TH	2	
-115	2218823	. FILTER-LINE, 3 X 40 AMP 60 HZ	1	
-115	4100341	. FILTER-LINE, 35 AMP, 50 HZ	1	
-116	2191737	. SCREW, THD FORMING-HEX WASH HD 10-32X 1.0	4	ATT PT
-117	45690	. WASHER, FLAT	4	ATT PT
-118	2227513	. WASHER, SHLDR 0.22 ID X 0.75 OD X 0.10 TH	4	ATT PT
-119	138755	. DECAL, INST-LINE V PRESENT W/MACH PWR OFF	1	
-120	2191899	. SPACER-FILTER	4	
-121	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	4	ATT PT
-122	5760770	. TRANSF.-RECT. ASM, MULTI LEVEL, 60HZ	1	3
-122	5760860	. TRANSF.-RECT. ASM, MULTI LEVEL, 50HZ	1	3
		FOR DETAIL BREAKDOWN SEE FIGURE 11		
-122	5709670	. TRANSFORMER ASSEMBLY, 60 HZ	1	4
-122	5709680	. TRANSFORMER ASM, 50 HZ	1	4
		FOR DETAIL BREAKDOWN SEE FIGURE 11A		
-123	5353301	. SCREW-THREAD FORMING, HEX. WASHER HEAD	4	ATT PT
-124	2125656	. LOCKWASHER,	4	ATT PT
-125	76574	. WASHER, LOCK-EXT. TEETH .250	1	ATT PT
-125A	2101376	. STRAP-GROUND	1	
-125B	2125974	. WASHER, INT TOOTH, .200 ID X .562 OD	1	
-125C	2218911	. SHIELD	1	4
-125D	438622	. SCREW, BIND HD, 1/4-20 X 3/8LG	2	4
-126	2193936	. BOLT-CABLE CLAMP, 1/4-20 X 3/4 LG	1	
-127	3960	. NUT, PLAIN, HEX- 1/4-20 X 7/16 FL W	2	ATT PT
-128	2218837	. BRACKET-CABLE CLAMP	1	
-129	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	2	ATT PT
-130	2157384	. STRAP, GROUND	1	
-131	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	1	ATT PT
-132	56079	. WASHER-LOCK, EXT T .204 ID .410 OD	1	ATT PT
-133	2218978 NP	. DC DISTRIBUTION GROUP, I/O	1	
		FOR DETAIL BREAKDOWN SEE FIG 13		
-134	2181004	. SCREW, THREAD FORMING-HEX WASHER HD	AR	ATT PT
-135	56079	. WASHER-LOCK, EXT T .204 ID .410 OD	1	ATT PT
-136	2218805	. FRAME ASM.	1	
-137	471901	. . CASTER	4	
-138	76846	. . NUT-HEXAGON	4	ATT PT
-139	130987	. . WASHER, LOCK-SPLIT 0.509 ID X 0.879 OD	4	ATT PT
-139A	2285717	. BRACKET	1	B

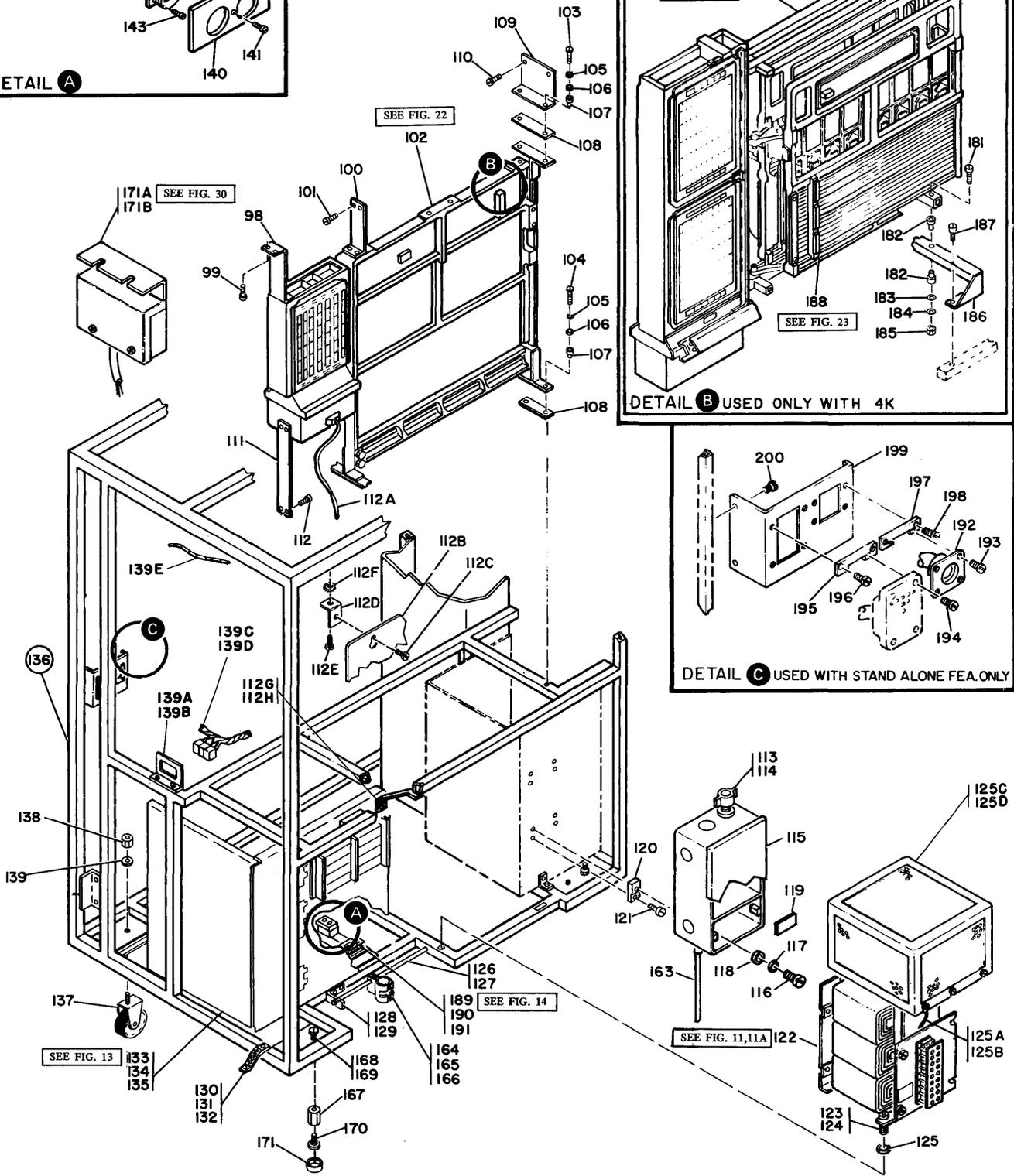
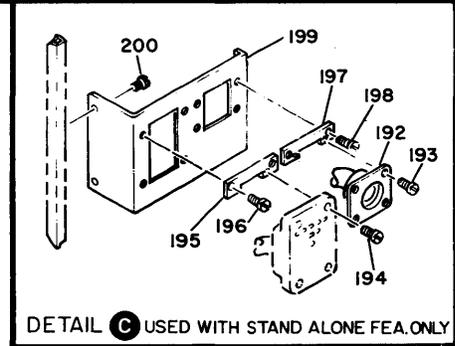
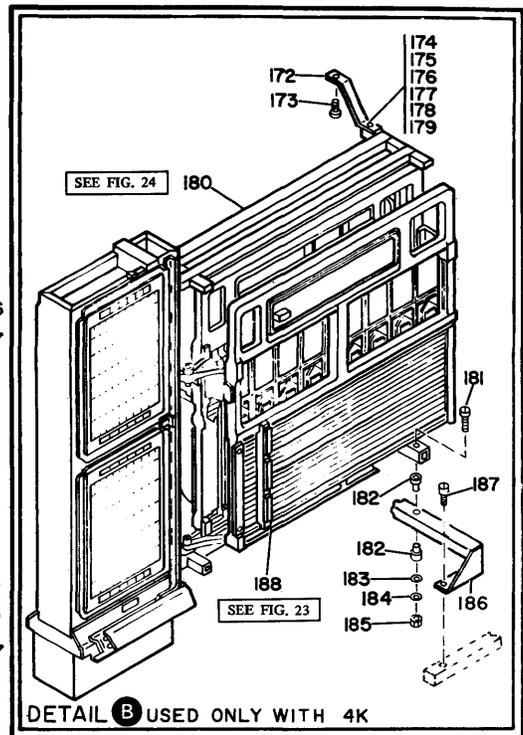
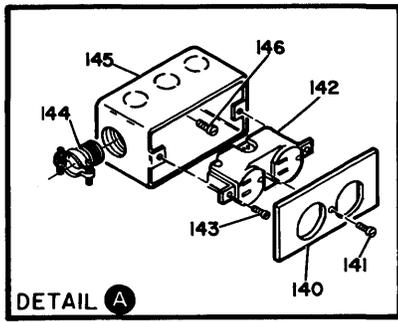


FIGURE 2. 2314 FINAL ASSEMBLY. FRONT VIEW.
 (Sheet 2 of 2. Index No. 98 thru 146, and 163 thru 200) SEE LIST 2.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
2	-139B 2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	2	B
	-139C 2285715	. CABLE ASM,DIST. BLOCKS TO MIXER CONN FOR COMPONENTS SEE FIGURE 32	1	B
-139D	107158	. SCREW	6	B
-139D	37913	. NUT, HEX 4-40 NC	6	B
-139E	2285718	. CABLE ASM,AC INTERCONN TO FCU,50 HZ FOR COMPONENTS SEE FIGURE 32	1	B
-140	359018	. COVER, CONVENIENCE OUTLET	1	
-141	-COMM.-	. SCREW,FLAT HD ATT PT	1	
-142	357995	. OUTLET,CONVENIENCE, 60 HERTZ	1	
-142	418835	. OUTLET,CONVENIENCE,220V 50 HZ	1	
-143	-COMM.-	. SCREW,FLAT HD ATT PT	2	
-144	2100264	. RELIEF,CABLE STRAIN	2	
-145	2102151	. BOX-UTILITY	1	
-146	2181004	. SCREW,THREAD FORMING-HEX WASHER HD ATT PT	2	
-147	5709440	POWER SUPPLY ASM,9-12V AT 10A 60 HZ	1	A
-147	5709480	POWER SUPPLY ASM,9-12V AT 10A 50 HZ	1	A
-147A	2271175	FOR DETAIL BREAKDOWN SEE FIGURE 4 METER ASM,DOMESTIC-MOD A AND B	1	
-147A	2271179	METER ASM,GERMAN-MOD A AND B	1	
-147A	2271183	METER ASM,FRENCH-MOD A AND B FOR DETAIL BREAKDOWN SEE FIG 31	1	
-147B	2193932	OUTER RAIL ATT PT	2	
-147C	332620	SCREW,MACH-BIND HD 10-32 X 1/2 LG ATT PT	4	
-147D	2125974	WASHER, INT TOOTH, .200 ID X .562 OD ATT PT	4	
-148	5761560	POWER SUPPLY ASM,15VDC AT 2.5 AMP,60 HZ	1	A
-148	5761550	POWER SUPPLY ASM,15VDC AT 2.5 AMP,50 HZ FOR DETAIL BREAKDOWN SEE FIGURE 6	1	A
-151	2218819	B GATE ASSEMBLY,60 HZ	1	A
-151	2218820	B GATE ASSEMBLY,50 HZ FOR DETAIL BREAKDOWN SEE FIGURE 20	1	A
-151A	2218899	CABLE ASSEMBLY-DC DISTRIBUTION MOD 1	1	
-151A	2262024	CABLE ASM,DC DISTRIB UTION AND MOD A AND B	1	
-152	2218811	FOR COMPONENTS SEE FIG 32 CE BUFFER PANEL ASM	1	A
-153	2218946	FOR DETAIL BREAKDOWN SEE FIGURE 18 BUMPER ASM	1	A
-154	740501	SCREW,MACH-HEX HD 6-32 X 1/4 LG ATT PT	2	A
-155	5203114	. CHANNEL	2	
-156	2218945	. BRACKET,BUMPER	1	
-157	2218966	REMOTE SWITCH ASM	1	
-158	2181005	USED ON REMOTE SWITCH ATT W/2 CHAN SW FOR DETAIL BREAKDOWN SEE FIGURE 19 SCREW, SELF TAPPING, 6-32 X .375 LG. ATT PT	2	
-159	2218804	A GATE ASM,W/O 2 CHAN SW-MOD 1 & 2314 A	1	
-159	2285702	A GATE ASM,W/O 2 CHAN SW-2314 B	1	
-159	2218817	A GATE ASM,W/2 CHAN SW -MOD 1 & 2314 A	1	
-159	2285704	A GATE ASM,W/2 CHAN SW -2314 B	1	
-160	2218977	FOR DETAIL BREAKDOWN SEE FIGURE 15 CABLE ASM, AC POWER TO B GATE	1	A
-160	2218976	CABLE ASM, B GATE TO POWER SEQUENCING.	1	A
-160	2218566	CABLE ASSEMBLY-SINGLE MULTIPLEX MOD 1	1	
-160	2271160	CABLE ASM,MPX MOD A	1	
-161	2218947	FOR COMPONENTS SEE FIG 32 SUPPORT,GATE STABILIZER	1	A
-162	5353301	SCREW-THREAD FORMING, HEX. WASHER HEAD ATT PT	2	A
-163	2250866	CABLE ASM,LINE CORD,6 FT 60 HZ MOD 1/A1/B-W/O 2844 (+7 DRIVES)	1	
-163	2278271	CABLE ASM,LINE CORD,14 FT 60 HZ MOD 1/A1/B-W/O 2844 (+7 DRIVES)	1	
-163	2271108	CABLE ASSEMBLY,LINE CORD,6 FT 60 HZ MOD A/B (-6 DRIVES)	1	
-163	2271049	CABLE ASSEMBLY,LINE CORD,14 FT 60 HZ MOD A/B (-6 DRIVES)	1	
-163	2218904	CABLE ASSEMBLY,LINE CORD,WTC 50 HZ MOD 1 AND A1 W/O 2844	1	
-163	2271154	CABLE ASSEMBLY,LINE CORD,UK 50 HZ MOD 1 AND A2 W/O 2844	1	
-163	2271163	CABLE ASSEMBLY,LINE CORD,WTC 50 HZ MOD A (-6DRIVES)	1	
-163	2271164	CABLE ASSEMBLY,LINE CORD,UK 50HZ MOD A (-6 DRIVES) FOR COMPONENTS SEE FIGURE 32	1	
-164	2191879	CLAMP,0.468 ID	2	
-164	2191882	CLAMP,0.968 ID	8	
-165	332620	SCREW,MACH-BIND HD 10-32 X 1/2 LG	10	
-166	11598	NUT,HEX,10-32 X 0.375 FL W ATT PT	10	
-167	2191787	SPACER-1/2-13 X 1-3/4 LG	4	
-168	93178	SCREW,CAP-SLOT HD,1/13 X 3/4 LG ATT PT	4	
-169	130987	WASHER,LOCK-SPLIT 0.509 ID X 0.879 OD ATT PT	4	
-170	2191786	BOLT-SQUARE NECK,1/2-13 X 2 LG	4	
-171	2162666	CUP	4	
-171A	2262094	JUNCTION BOX ASM,AC 60HZ MOD A ONLY	1	
-171A	2262096	JUNCTION BOX ASM,AC 50HZ MOD A ONLY FOR DETAIL BREAKDOWN SEE FIG 30	1	

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE	
					1 2 3 4
2 -171B	55918	SCREW,MACH-BIND HD 10-32 X 5/8 LG	ATT PT	2	
-171B	56079	WASHER,LOCK EXT TEETH,NO.10 X 0.20 TH	ATT PT	2	
-172	2218926	BRACKET,Z		4	D
-173	2181004	SCREW,THREAD FORMING-HEX WASHER HD	ATT PT	4	D
-174	36112	SCREW,MACH-HEX HD 1/4-20 X 1-1/2 LG	ATT PT	4	D
-175	2218925	BUSHING, TROS ISOLATING - .75 DIA	ATT PT	4	D
-176	150909	SPACER,0.750 OD X0.257 ID X 0.125 TH	ATT PT	4	D
-177	3550	WASHER,FLAT 1/4 ID-9/16-OD-0.05 THICK	ATT PT	4	D
-178	6935	WASHER,LOCK-SPLIT 1/4 X 0.493 OD	ATT PT	4	D
-179	3960	NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W	ATT PT	4	D
-180	2267942	TROS GATE ASM,4K,60 HZ		1	2D
-180	2267941	TROS GATE ASM,4K,50 HZ		1	2D
-180	2244870	TROS GATE ASSEMBLY,2K BASIC FOR DETAIL BREAKDOWN SEE FIGURE 24		1	1E
-181	59652	SCREW,MACH-HEX HD 1/4-20 X 3/4 LG	ATT PT	4	D
-182	2218925	BUSHING, TROS ISOLATING - .75 DIA	ATT PT	8	D
-183	3550	WASHER,FLAT 1/4 ID-9/16-OD-0.05 THICK	ATT PT	4	D
-184	6935	WASHER,LOCK-SPLIT 1/4 X 0.493 OD	ATT PT	4	D
-185	3960	NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W	ATT PT	4	D
-186	2218924	BRACKET,TROS BASE		2	D
-187	5353301	SCREW-THREAD FORMING, HEX. WASHER HEAD	ATT PT	4	D
-188	2267952	TROS C GATE ASM, 7 BANKS		1	2
-188	2218914	TROS C GATE ASSEMBLY- 7 BANKS USED W/AIRLINES BUFFER FEA ONLY		1	1
-188	2267953	TROS C GATE ASM, 2 BANKS MOD 1 AND A ONLY		1	1
-188	2218913	TROS C GATE ASSEMBLY- 2 BANKS MOD 1 AND A ONLY USED W/2844-W/O AIRLINES BUFFER FEA FOR DETAIL BREAKDOWN SEE FIGURE 23		1	F
-189	2244992	BLOCK ASM,TERMINAL FOR DETAIL BREAKDOWN SEE FIGURE 14		1	F
-190	2181004	SCREW,THREAD FORMING,10-32 X 0.38 LG	ATT PT	2	F
-171	5319888	SCREW, SELF TAPPING, 10-32 X .625 LONG	ATT PT	2	F
-192	2285026	CABLE ASM,AC INTERCONN,60HZ FOR COMPONENTS SEE FIG 32		1	G
-193	38263	SCREW,MACH-FIL H 4-40 X 5/16 LG	ATT PT	4	G
-194	38351	SCREW,MACH-FIL HD 6-32 X .312 LG		4	G
-195	2285032	PLATE		2	G
-196	38351	SCREW,MACH-FIL HD 6-32 X .312 LG	ATT PT	4	G
-197	2285033	PLATE		2	G
-198	38351	SCREW,MACH-FIL HD 6-32 X .312 LG	ATT PT	4	G
-199	2285030	BRACKET,FCU CABLES		1	G
-200	90261	SCREW,250-20 ***** END OF LIST 2 *****	ATT PT	2	G

FOR PARTS
NOT SHOWN
SEE FIG. 2

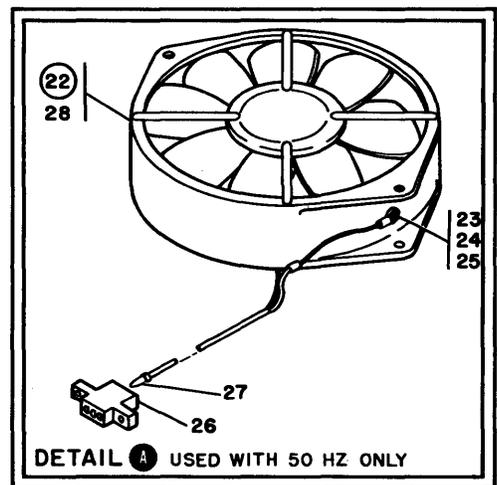
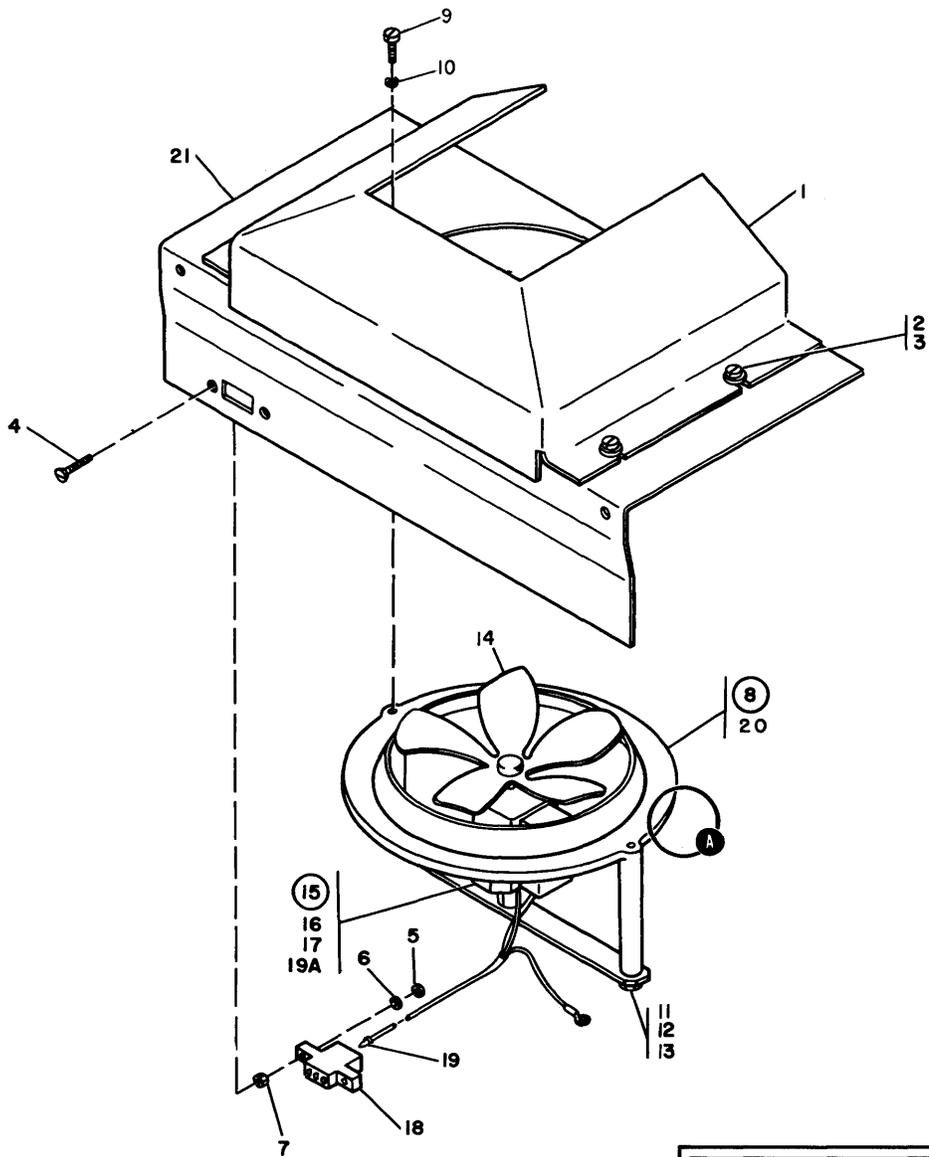
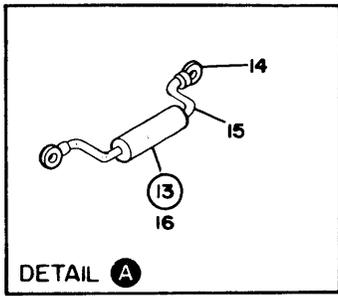


FIGURE 3. BLOWER ASSEMBLY.
SEE LIST 3.



FOR PARTS
NOT SHOWN
SEE FIG. 2

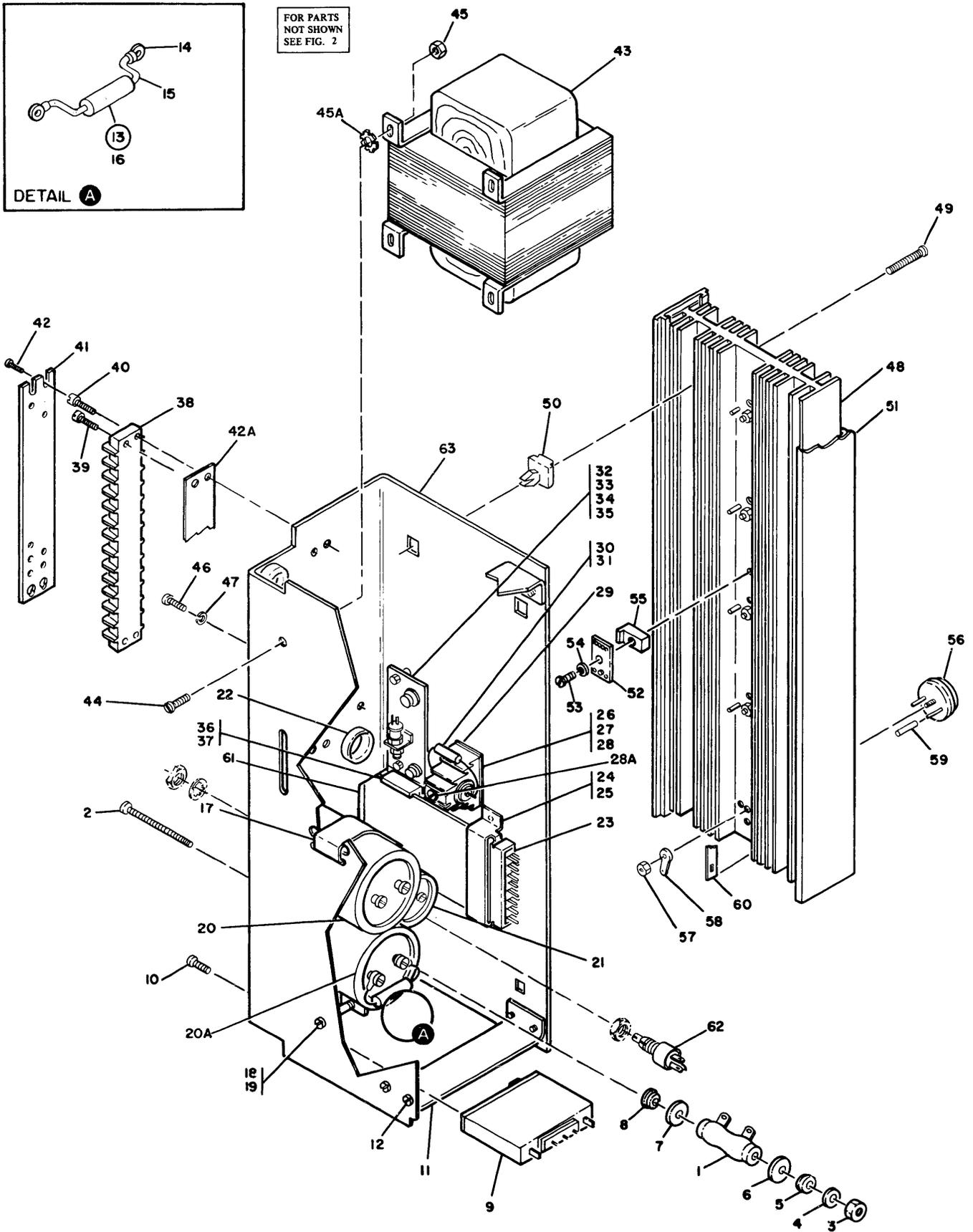


FIGURE 4. POWER SUPPLY ASSEMBLY (9-12 VOLT 10 AMP)
SEE LIST 4.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
4 -	5709440	POWER SUPPLY ASM,9-12V AT 10A 60 HZ	REF	
-	5709480	POWER SUPPLY ASM,9-12V AT 10A 50 HZ	REF	
		FOR NEXT HIGHER ASM SEE FIGURE 2-147		
- 1	730452	. RESISTOR,FXD	1	
- 2	331982	. SCREW,MACH RD HD 8-32 X 1-1/4 LG	1	
- 3	5761938	. NUT/LOCKWASHER ASSEMBLY - 8-32	1	
- 4	2903	. WASHER,FL-NO. 6 X 1/2 OD X 1/32 THK	1	
- 5	510468	. CUP WASHER	2	
- 6	5761935	. WASHER	2	
- 7	5761935	. WASHER	2	
- 8	510468	. CUP WASHER	2	
- 9	5214547	. CIRCUIT BREAKER	1	
- 10	38235	. SCREW,BIND HD 6-32 X .312 LONG	2	
- 11	5761779	. BRACKET,CHASSIS	2	
- 12	731629	. SCREW,PAN HD- 10-32 X 0.380 LG	8	
- 13	5261936	. RESISTOR ASSEMBLY,200 OHMS 5W	1	
- 14	334932	. TERMINAL, RING NO.18 THRU NO.22WIRE INSU	2	
- 15	113819	. TUBING	2	
- 16	477144	. RESISTOR, WIREWOUND - 200 OHM 5W	1	
- 17	5761793	. STRAP,CAPACITOR MTG	1	
- 18	438571	. SCREW, BINDING HEAD, 6-32 NC X 1-3/4 LG	1	
- 19	5761943	. NUT,HEX 10-32 NC	1	
- 20	5261077	. CAPACITOR-ELECTROLYTIC	1	
- 20A	5214366	. CAPACITOR	1	
- 21	5261127	. CAPACITOR-ELECTROLYTIC	1	
- 22	5761936	. GROMMET	3	
- 23	216076	. TERMINAL BLOCK AND CONTACT ASSEMBLY FOR COMPONENTS SEE FIGURE 32-83	1	
- 24	5761904	. BRACKET	1	
- 25	5761907	. RIVET	2	
- 26	2480607	. RECTIFIER ASSEMBLY FOR SUBSTITUTE PART USE 5761977	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 27	81693	. SCREW,MACH-BIND HD 6-32 X 3/8 LG	2	
- 28	5762215	. WASHER,INSULATING	2	
- 28A	81693	. SCREW,MACH-BIND HD 6-32 X 3/8 LG	1	
- 29	5761979	. INSULATOR	1	
- 30	217077	. CAPACITOR, .010 UF	1	
- 31	113819	. TUBING	2	
- 32	5761989	. OVERVOLTAGE CARD ASSEMBLY, 12 VOLT	1	
- 33	438551	. SCREW,MACH-BIND HD 4-40 X 5/8 LG	2	
- 34	332779	. SPACER	2	
- 35	37913	. NUT, HEX 4-40 NC	2	
- 36	5712309	. GUIDE	1	
- 37	5761907	. RIVET	2	
- 38	82353	. TERMINAL BOARD- 14 DBL SCREW TERMINALS	1	
- 39	210883	. STUD, EXT 6-32 X 1/2 INT 6-32 X 0.19 DP	2	
- 40	322550	. SCREW,6-32 X 0.50 LG	2	
- 41	533360	. SHIELD,14 POS.	1	
- 42	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG	2	
- 42A	620240	. MARKER STRIP,14 POS	1	
- 43	5761738	. TRANSFORMER,60 HZ	1	
- 43	4116486	. TRANSFORMER,50HZ	1	
- 44	332620	. SCREW,MACH-BIND HD 10-32 X 1/2 LG	4	
- 45	5761908	. NUT,HEX 10-32 NC	4	
- 45A	56079	. WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH	1	
- 46	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG	1	
- 47	56722	. WASHER-LOCK,EXT T, .150 ID	1	
- 48	5761768	. HEAT SINK	1	
- 49-	5761913	. SCREW	4	
- 50	5761796	. INSULATOR,HEAT SINK	4	
- 51	473536	. SEAL	AR	
- 52	5761909	. TERMINAL, BRASS	1	
- 53	2181002	. SCREW-HEX HD SELFTAP 8-32 X .750 LONG	1	
- 54	5374689	. BUSHING	1	
- 55	5761798	. INSULATOR, PHENOLIC - .38W X .75 LG	1	
- 56	369214	. TRANSISTOR,TYPE 108	5	
- 57	11598	. NUT,HEX, 10-32 X 0.375 FL W	5	
- 58	316996	. TERMINAL,LUG-NONINS 9AWG NO. 8 MTG HOLE	1	
- 59	5761976	. TUBING	10	
- 60	5761968	. BUS STRIP	1	
- 61	375249	. CARD ASM	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 62	207340	. PTOENTIOMETER,250 OHM 1/2 W P/M 10%	1	
- 63	5762439	. CHASSIS,14.25 IN ***** END OF LIST 4 *****	1	

FOR PARTS
NOT SHOWN
SEE FIG. 2

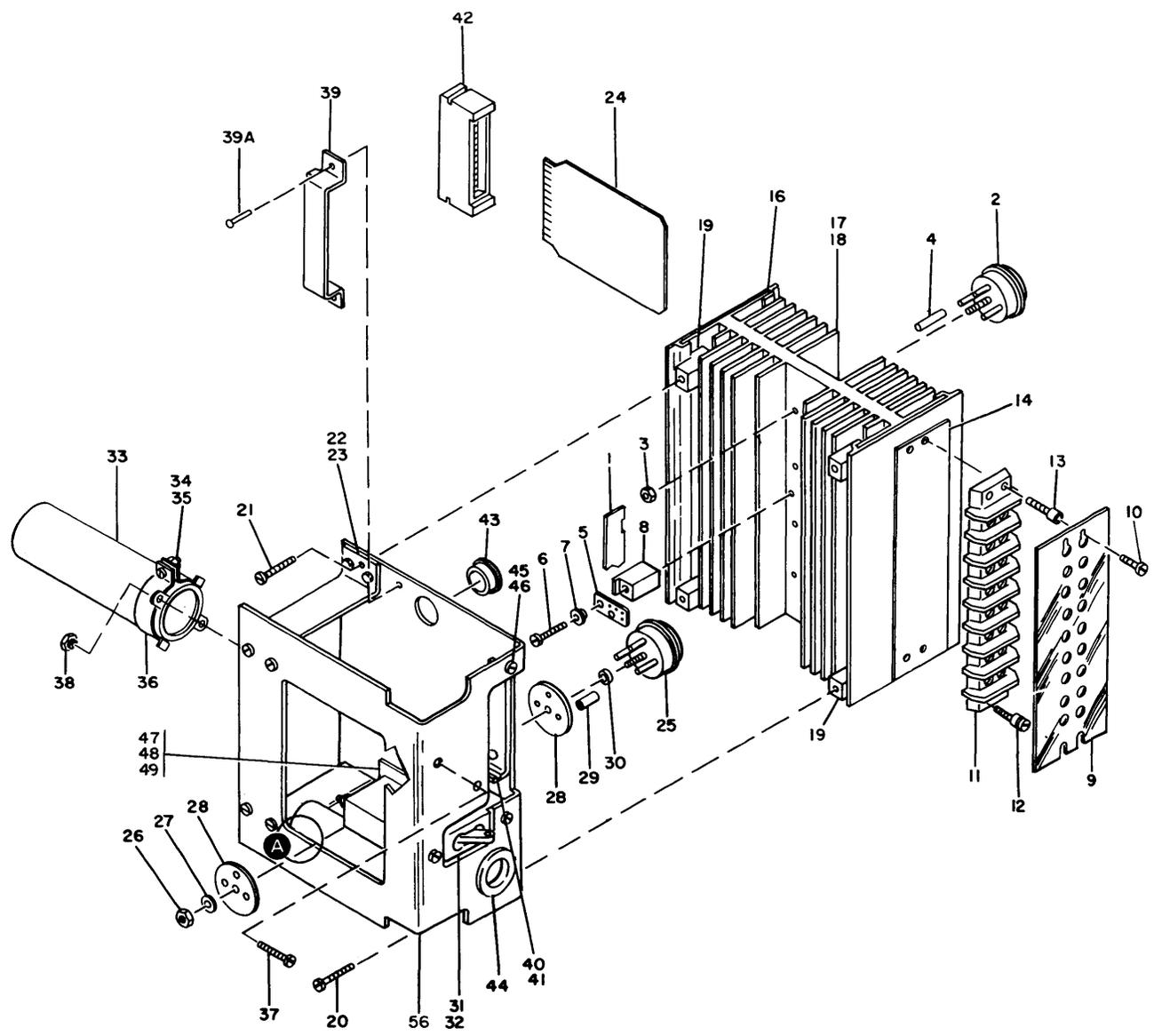
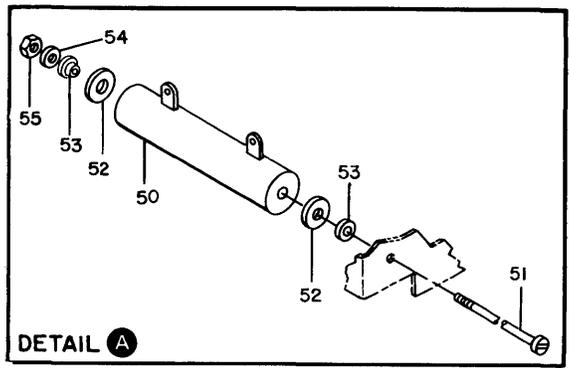


FIGURE 5. POWER PAC ASSEMBLY (12 VOLT 13 AMP)
SEE LIST 5

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION 1 2 3 4	UNITS PER ASM.	USABLE ON CODE
			REF	
5 -	5762080	POWER PAC ASM,12V AT 13 AMP FOR NEXT HIGHER ASM SEE FIGURE 2-16	REF	
- 1	5762045	. BUS STRIP	1	
- 2	369214	. TRANSISTOR,TYPE 108	4	
- 3	11598	. NUT,HEX, 10-32 X 0.375 FL W ATT PT	4	
- 4	5761976	. TUBING	8	
- 5	5762037	. TERMINAL	1	
- 6	5762058	. SCREW,HEX HD,6-32 X 1.125 LG ATT PT	1	
- 7	1134232	. WASHER ATT PT	1	
- 8	5762036	. STANDOFF	1	
- 9	352088	. SHIELD,9 POS	1	
- 10	81693	. SCREW-MACH,BIND HD NO. 6-32 X 3/8 LG	1	
- 11	323844	. BLOCK,TERMINAL 9 POSITION	1	
- 12	2032	. SCREW,FILL HD 8-32 X 7/8 LG	2	
- 13	2572866	. SPACER	2	
- 14	730439	. MARKER STRIP, 9 POSITION	1	
- 16	5762025	. SEAL,AIR	2	
- 17	5762015	. HEAT SINK,4 TRANSISTOR MTG	1	
- 18	255629	. SCREW,THD CTG-FL CSK HD NO. 6 X 1/2 LG ATT PT	4	
- 19	5762034	. INSULATOR,HEATSINK	4	
- 20	91610	. SCREW,THD CTG-BIND HD 6-32 X 1/2 LG ATT PT	2	
- 21	80652	. SCREW,THD CTG-BIND HD 6-32 X 5/8 LG ATT PT	2	
- 22	5762033	. BRACKET	2	
- 23	186759	. SCREW,MACH-BIND HD 8-32 X 5/16 LG ATT PT	4	
- 24	375161	. CARD ASM,REGULATOR	1	
- 25	369214	. TRANSISTOR,TYPE 108	1	
- 26	11598	. NUT,HEX, 10-32 X 0.375 FL W ATT PT	1	
- 27	45690	. WASHER,FLAT ATT PT	1	
- 28	5762406	. INSULATOR ATT PT	2	
- 29	5761976	. TUBING ATT PT	2	
- 30	473582	. INSULATOR ATT PT	1	
- 31	5214551	. PROTECTOR,CIRCUIT	1	
		FOR SUBSTITUTE PART ORDER 4116994		
- 32	38235	. SCREW,BIND HD 6-32 X .312 LONG ATT PT	2	
- 33	730428	. CAPACITOR,FXD,ELECT-8,000 MFD 15 VDCW	1	
- 34	38354	. SCREW,MACH-FIL H 6-32 X 1/2 LG ATT PT	1	
- 35	5761943	. NUT,HEX 10-32 NC ATT PT	1	
- 36	301768	. CLAMP	1	
- 37	38235	. SCREW,BIND HD 6-32 X .312 LONG ATT PT	1	
- 38	5761943	. NUT,HEX 10-32 NC ATT PT	2	
- 39	5761904	. BRACKET	1	
- 39A	5761907	. RIVET ATT PT	2	
- 40	5712309	. GUIDE	1	
- 41	5761907	. RIVET ATT PT	AR	
- 42	216076	. RECEPTACLE ASM,SINGLE CARD	1	
		FOR COMPONENTS SEE FIG 32-201		
- 43	5762057	. GROMMET,SNAP BUSHING	AR	
- 44	5761936	. GROMMET	AR	
- 45	236849	. SCREW,MACH-BIND HD 10-32 X 1/4 LG	1	
- 46	56079	. WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH	1	
- 47	5762475	. CARD ASM,OVERVOLTAGE	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 48	438550	. SCREW,MACH-BIND HD 4-40 X 1/2 LG ATT PT	2	
- 49	332779	. SPACER ATT PT	2	
- 50	730426	. RESISTOR	1	
- 51	331982	. SCREW,MACH RD HD 8-32 X 1-1/4 LG ATT PT	AR	
- 52	5761935	. WASHER ATT PT	AR	
- 53	510468	. CUP WASHER ATT PT	AR	
- 54	22478	. WASHER,FL- 0.170 ID 0.375 OD 0.032 THK ATT PT	AR	
- 55	600960	. NUT/LOCKWASHER ASSEMBLY - 8-32 ATT PT	AR	
- 56	5762005	. CHASSIS	1	
		***** END OF LIST 5 *****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

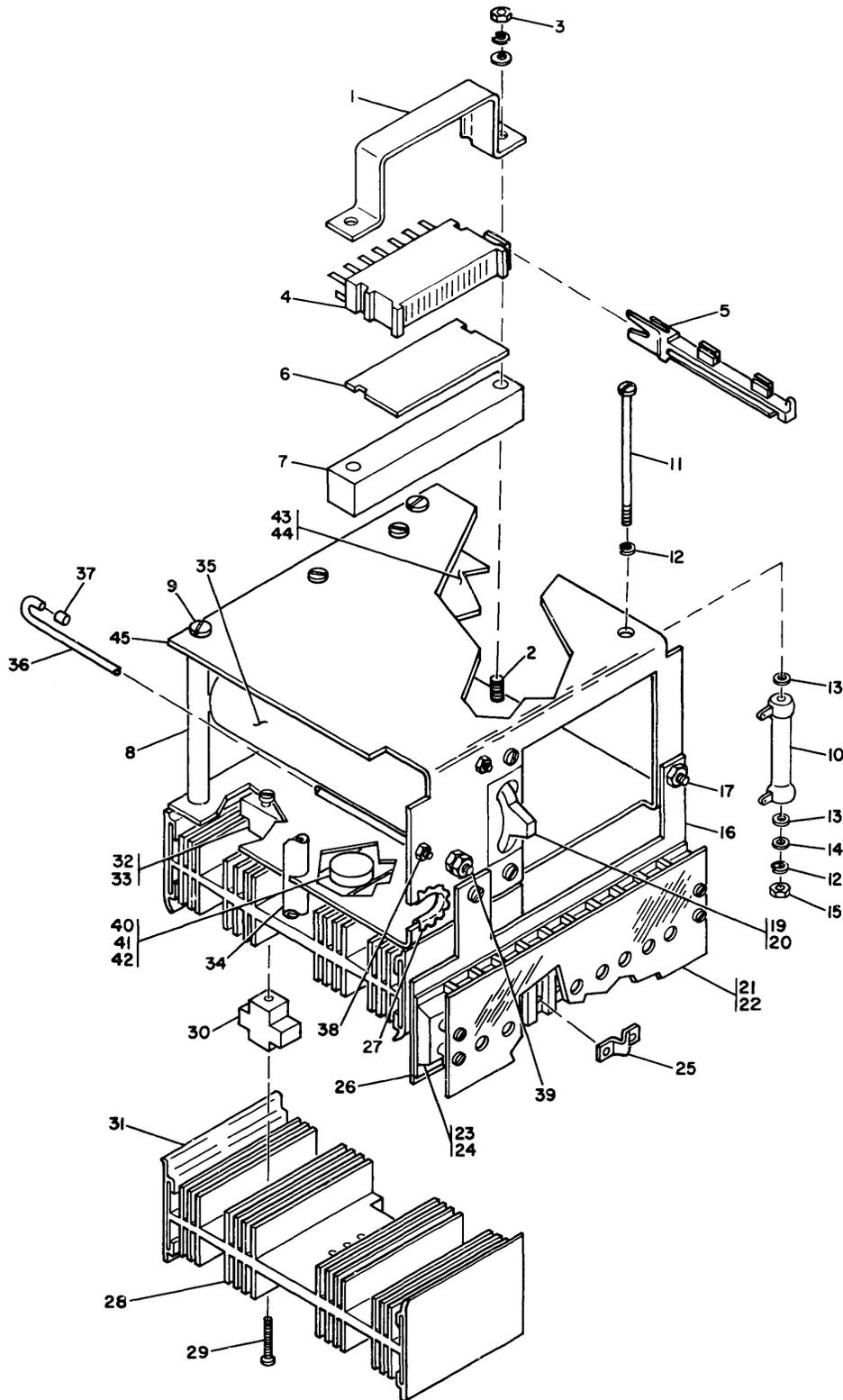
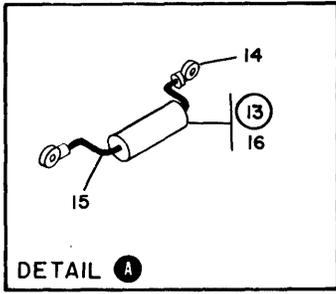


FIGURE 5A. POWER PAC ASSEMBLY (12 VOLT 2 AMP)
SEE LIST 5A.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE ON CODE
			PER ASM.	
		1 2 3 4		
5A-	5712365	POWER PAC ASM, 12 VOLT AT 2 AMP FOR NEXT HIGHER ASM SEE FIGURE 2-16	REF	
- 1	473530	. BRACKET	1	
- 2	438567	. SCREW,MACH-UNDRCT BIND HD 6-32 X 1 LG	2	
- 3	257986	. WASHER,0.156 ID X 0.035 THK	2	
- 3	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	2	
- 3	38051	. NUT,PLAIN HEX 6-32 X 1/4 FL W	2	
- 4	216076	. RECEPTACLE ASM,SINGLE CARD	2	
		FOR COMPONENTS SEE FIGURE 32-197		
- 5	216206	. GUIDE-SINGLE CARD LONG	2	
- 6	473547	. SPACER,1 X 2 3/8 IN .12 IN THICK	1	
- 7	730443	. SPACER-CARD RECP	1	
- 8	730444	. SPACER,SLEEVE	2	
- 9	730446	. SCREW,MACH-BINDING HD 10-32 X 3.16 LG	2	
- 10	5261117	. RESISTOR,FXD,WW- 0.5 OHMS P/M 10% 25W	1	
- 11	438593	. SCREW-MACH-BIND HD NO. 8-32 X 2 1/2 LG	1	
- 12	60646	. WASHER,LOCK-INT TEETH NO. 8 X 0.340 OD	1	
- 13	510468	. CUP WASHER	2	
- 14	22478	. WASHER,FL- 0.170 ID 0.375 OD 0.032 THK	1	
- 15	257189	. NUT, HEX 8-32	1	
- 16	730455	. PLATE,MTG-TERMINAL BOARD	1	
- 17	236849	. SCREW,MACH-BIND HD 10-32 X 1/4 LG	1	
- 17	55918	. SCREW,MACH-BIND HD 10-32 X 5/8 LG	1	
- 17	56079	. WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH	1	
- 17	11598	. NUT,HEX, 10-32 X 0.375 FL W	2	
- 19	5261807	. CIRCUIT BREAKER	1	
- 20	10170	. CREW,MACH BIND HD,6-32 X 0.25 LG	2	
- 21	473545	. SHIELD,9 POSITION	1	
- 22	210984	. SCREW,MACH RH 6-32 X .25	1	
- 23	323844	. BLOCK,TERMINAL 9 POSITION	1	
- 24	210986	. STUD, SLOTTED 8-32 X 1/2 LG THREAD	3	
- 24	210985	. STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP	AR	
- 25	730468	. JUMPER-TERMINAL STRIP	2	
- 26	730439	. MARKER STRIP-9 POS	1	
- 27	730432	. GROMMET,CATERPILLAR	AR	
- 28	730448	. HEAT SINK	2	
- 29	730445	. SCREW,SELF TAPPING NO.6 X 2.18 LG	4	
- 30	5712367	. TIE BAR	2	
- 31	473536	. SEAL	AR	
- 32	473531	. INSULATOR	4	
- 33	473544	. SCREW,BINDING HEAD SELF TAP NO 6 1/2 IN	4	
- 34	253569	. INSULATION SLEEVING,ELEC- 0.375 ID	AR	
- 35	5261127	. CAPACITOR-ELECTROLYTIC	1	
- 36	473432	. CLAMP	2	
- 37	473412	. INSULATOR	1	
- 38	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	2	
- 38	5213365	. NUT, ACORN-6-32 NC 2B	2	
- 39	441181	. POTENTIOMETER	1	
- 40	369214	. TRANSISTOR,TYPE 108	1	
- 41	219423	. TUBE,RUBBER- 0.085 ID X 0.120 OD X 2 LG	2	
- 42	11891	. NUT,PLAIN,HEX- 10-32 X 3/8 FL W BRS	1	
- 43	5253897	. CARD ASSEMBLY-OVERVOLTAGE CKT 12V	1	
- 44	322550	. SCREW,6-32 X 0.50 LG	2	
- 44	257985	. WASHER,0.156 ID X 0.035 THK	2	
- 44	36776	. NUT,PLAIN,HEX- 6-32 X 5/16 FL W	2	
- 44	719180	. SPACER	2	
- 45	5712366	. CHASSIS ***** END OF LIST 5A *****	1	



FOR PARTS
NOT SHOWN
SEE FIG. 2

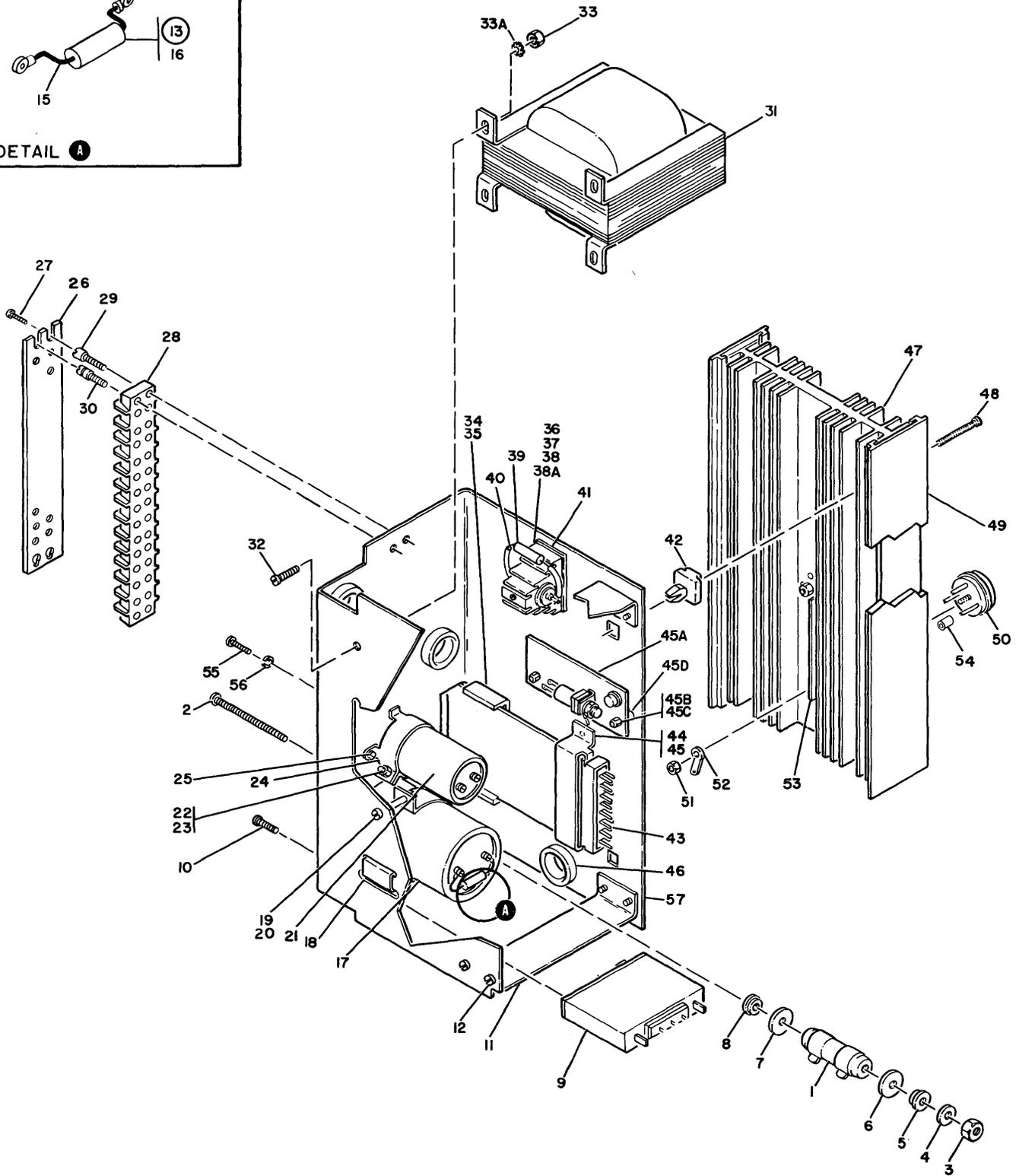


FIGURE 5B. POWER SUPPLY ASSEMBLY (12 VOLT 2.5 AMP)
SEE LIST 5B

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
		CODE A USED ON 60 HZ ONLY CODE B USED ON 50 HZ ONLY					
5B-	5239412	POWER SUPPLY ASM, 12V AT 2.5 AMP, 60 HZ				REF	
-	5239430	POWER SUPPLY ASM, 12V AT 2.5 AMP, 50 HZ FOR NEXT HIGHER ASM SEE FIGURE 2-16				REF	
- 1	5261117	. RESISTOR, FXD, WW- 0.5 OHMS P/M 10% 25W				1	
- 2	438593	. SCREW-MACH-BIND HD NO. 8-32 X 2 1/2 LG ATT PT				1	
- 3	5761938	. NUT/LOCKWASHER ASSEMBLY - 8-32 ATT PT				1	
- 4	2903	. WASHER, FL-NO. 6 X 1/2 OD X 1/32 THK				1	
- 5	510468	. CUP WASHER				1	
- 6	5761935	. WASHER				1	
- 7	5761935	. WASHER				1	
- 8	510468	. CUP WASHER				1	
- 9	5214544	. CIRCUIT BREAKER				1	
- 10	38235	. SCREW, BIND HD 6-32 X .312 LONG ATT PT				2	
- 11	5761779	. BRACKET, CHASSIS				2	
- 12	731629	. SCREW, PAN HD- 10-32 X 0.380 LG ATT PT				8	
- 13	5261937	. RESISTOR ASM- 1.1K OHMS 2W				1	
- 14	359695	. . TERMINAL-RING LUG NO.10 STUD				2	
- 15	113819	. . TUBING				2	
- 16	492568	. . RESISTOR, FXD 1,100 OHMS P/M 5% 2W				1	
- 17	5261077	. CAPACITOR-ELECTROLYTIC				1	
- 18	5761786	. STRAP, CAPACITOR				1	
- 19	438570	. SCREW, MACH-BIND HD 6-32 X 1-1/2 LG ATT PT				1	
- 20	5761943	. NUT, HEX 10-32 NC ATT PT				1	
- 21	5261127	. CAPACITOR-ELECTROLYTIC				1	
- 22	510379	. SCREW ATT PT				1	A
- 22	322550	. SCREW, 6-32 X 0.50 LG ATT PT				1	B
- 23	5761943	. NUT, HEX 10-32 NC ATT PT				1	
- 24	301768	. BRACKET				1	
- 25	55726	. SCREW, MACH-BIND HD 6-32 X .188 LG ATT PT				2	
- 26	5761952	. SHIELD, 13 POS				1	A
- 26	210990	. SHIELD- 13 POSITION				1	B
- 27	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG ATT PT				2	A
- 27	210984	. SCREW, MACH RH 6-32 X .25 ATT PT				1	B
- 28	5214556	. TERMINAL BOARD, 13 POS				1	
- 29	5261167	. STUD- 8-32 X 0.438 LG W/6-32 TAPPED HOLE ATT PT				1	
- 30	25627	. SCREW, MACH-BIND HD 8-32 X 1/2 LG ATT PT				2	A
- 30	5261165	. STUD, SHLDR- 8-32 X 0.438 LG THD ATT PT				3	B
- 31	5761735	. TRANSFORMER, 60 HZ				1	
- 31	4116493	. TRANSFORMER, 50 HZ				1	
- 32	332620	. SCREW, MACH-BIND HD 10-32 X 1/2 LG ATT PT				4	
- 33	5761908	. NUT, HEX 10-32 NC ATT PT				4	
- 34	5712309	. GUIDE				1	
- 35	5761907	. RIVET				2	
- 36	5761977	. RECTIFIER ASSEMBLY				1	
- 37	734483	. SCREW, PAN HD- 6-32 X 0.380 LG ATT PT				3	
- 38	5762215	. WASHER, INSULATING ATT PT				2	
- 39	491228	. CAPACITOR, .010 UF				1	
- 40	113819	. TUBING				AR	
- 41	5761979	. INSULATOR				1	
- 42	5761796	. INSULATOR, HEAT SINK				4	
- 43	216076	. RECEPTACLE ASM, SINGLE CARD				1	
		FOR COMPONENTS SEE FIGURE 32-201					
- 44	5761904	. BRACKET				1	
- 45	5761907	. RIVET				2	
- 45A	5761989	. OVERVOLTAGE CARD ASSEMBLY, 12 VOLT PARTS OF THIS ASM ARE NOT REPLACEABLE				1	
- 45B	438551	. SCREW, MACH-BIND HD 4-40 X 5/8 LG ATT PT				2	
- 45C	37913	. NUT, HEX 4-40 NC ATT PT				2	
- 45D	332779	. SPACER				2	
- 46	5761936	. GROMMET				2	
- 47	5761759	. HEAT SINK				1	
- 48	5761913	. SCREW, ATT PT				4	
- 49	473536	. SEAL				AR	
- 50	369214	. TRANSISTOR, TYPE 108				2	
- 51	11598	. NUT, HEX, 10-32 X 0.375 FL W ATT PT				2	
- 52	316996	. TERMINAL, LUG-NONINS 9AWG NO. 8 MTG HOLE				1	
- 53	5761965	. BUS STRIP				1	
- 54	5761976	. TUBING				AR	
- 55	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG				1	
- 56	56722	. WASHER-LOCK, EXT T, .150 ID				1	
- 57	5761758	. CHASSIS				1	
		**** END OF LIST 5B ****					

FOR PARTS
NOT SHOWN
SEE FIG. 2

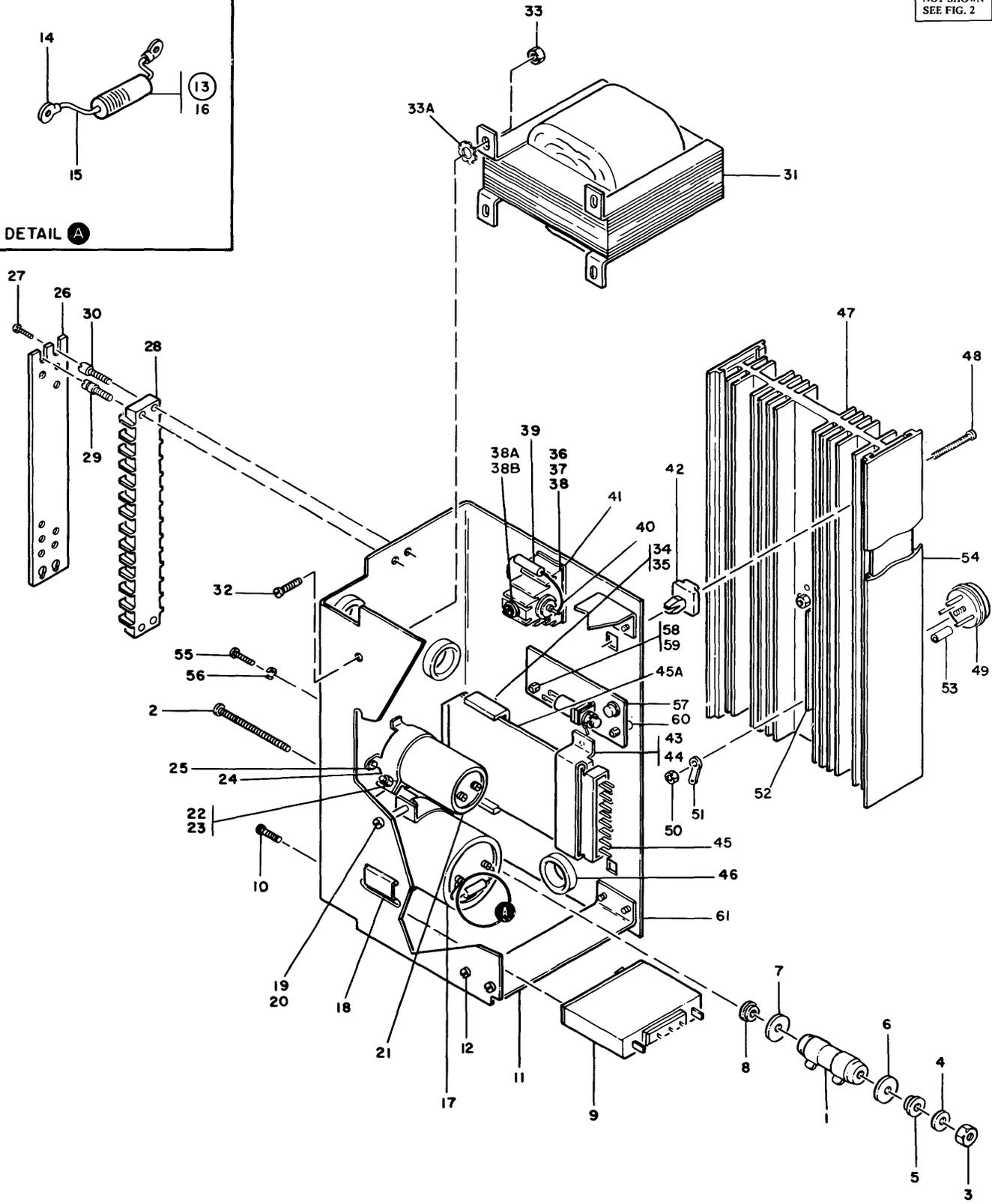
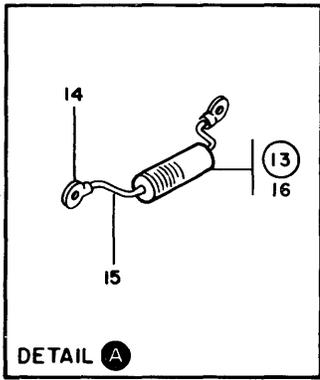


FIGURE 6. POWER SUPPLY ASSEMBLY (15 VOLT 2.5 AMP)
SEE LIST 6.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
6 -	5761560	POWER SUPPLY ASM, 15 VOLT 2.5 AMP-W/OV CARD 60 HZ	REF	
-	5761550	POWER SUPPLY ASM, 15 VOLT 2.5 AMP-W/OV CARD 50 HZ	REF	
- 1	5261117	FOR NEXT HIGHER ASM SEE FIGURE 2-159 RESISTOR, 0.50 OHMS 25 WATTS WIREWOUND P/M 10	1	
- 2	438593	SCREW-MACH-BIND HD NO. 8-32 X 2 1/2 LG ATT PT	1	
- 3	600960	NUT, LOCKING, 8-32 ATT PT	1	
- 4	2903	WASHER, FL-NO. 6 X 1/2 OD X 1/32 THK	1	
- 5	510468	CUP WASHER	1	
- 6	5761935	WASHER	1	
- 7	5761935	WASHER	1	
- 8	510468	CUP WASHER	1	
- 9	5214544	CIRCUIT BREAKER FOR SUBSTITUTE CB 50HZ ORDER 4116988	1	
- 10	38235	SCREW, BIND HD 6-32 X .312 LONG ATT PT	2	
- 11	5761779	BRACKET, CHASSIS	2	
- 12	731629	SCREW, PAN HD- 10-32 X 0.380 LG ATT PT	8	
- 13	5261937	RESISTOR ASSEMBLY 1.1K OHM 2W	1	
- 14	359695	TERMINAL-RING LUG NO.10 STUD	2	
- 15	113819	TUBING	2	
- 16	492568	RESISTOR, FXD 1,100 OHM 2W P/M 5%	1	
- 17	5261077	CAPACITOR, ELECT.	1	
- 18	5761786	STRAP, CAPACITOR	1	
- 19	438570	SCREW, MACH-BIND HD 6-32 X 1-1/2 LG ATT PT	1	
- 20	5761943	NUT, HEX 10-32 NC ATT PT	1	
- 21	208228	CAPACITOR, ELECTROLYTIC 5500 UF 19V	1	
- 22	510379	SCREW ATT PT	1	
- 23	5761943	NUT, HEX 10-32 NC ATT PT	1	
- 24	301768	BRACKET	1	
- 25	55726	SCREW, MACH-BIND HD 6-32 X .188 LG ATT PT	2	
- 26	5761952	SHIELD, 13 POS.	1	
- 27	10170	SCREW-MACH, BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 28	5214556	TERMINAL BOARD, 13 POS	1	
- 29	5261167	STUD- 8-32 X 0.438 LG W/6-32 TAPPED HOLE ATT PT	2	
- 30	25627	SCREW, MACH-BIND HD 8-32 X 1/2 LG ATT PT	2	
- 31	5252503	TRANSFORMER, 60 HZ	1	
- 31	4116444	TRANSFORMER, 50 HZ	1	
- 32	332620	SCREW, MACH-BIND HD 10-32 X 1/2 LG ATT PT	4	
- 33	602721	NUT, 10-32 ATT PT	4	
- 33A	56079	WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH	1	
- 34	5712309	GUIDE	1	
- 35	5761907	RIVET ATT PT	2	
- 36	5761977	RECTIFIER ASSEMBLY	1	
- 37	734483	SCREW, PAN HD 6-32 X 3/8 LG	2	
- 38	5762215	WASHER, INSULATING ATT PT	2	
- 38A	734483	SCREW, PAN HD 6-32 X 3/8	2	
- 38B	5762156	WASHER, 0.144 ID 1.120 OD	1	
- 39	491228	CAPACITOR, .010 UF	1	
- 40	113819	TUBING	AR	
- 41	5761979	INSULATOR	1	
- 42	5761796	INSULATOR, HEAT SINK	4	
- 43	5761904	BRACKET	1	
- 44	5761907	RIVET ATT PT	2	
- 45	216076	RECEPTACLE ASM, SINGLE CARD	1	
- 45A	375204	FOR COMPONENTS SEE FIG 32-201 CARD ASM ASSEMBLY COMPONENTS ARE NOT REPLACEABLE	1	
- 46	5761936	GROMMET	3	
- 47	5761759	HEAT SINK, 9.25 LG	1	
- 48	5761913	SCREW ATT PT	4	
- 49	369214	TRANSISTOR, TYPE 108	2	
- 50	11598	NUT, HEX, 10-32 X 0.375 FL W ATT PT	2	
- 51	316996	TERMINAL, LUG-NONINS 9AWG NO. 8 MTG HOLE	1	
- 52	5761965	BUS STRIP	1	
- 53	5761976	TUBING	4	
- 54	473536	SEAL	AR	
- 55	10170	SCREW-MACH, BIND HD NO. 6-32 X .250 LG	1	
- 56	56722	WASHER-LOCK, EXT T, .150 ID	1	
- 57	5761956	OVERVOLTAGE CARD ASM	1	
- 58	438551	ASSEMBLY COMPONENTS ARE NOT REPLACEABLE SCREW, MACH-HD, 4-40 X 5/8 LG	2	
- 59	37913	NUT, HEX 4-40 NC	2	
- 60	332779	SPACER	1	
- 61	5761758	CHASSIS, 9.25 LG	1	
		**** END OF LIST 6 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

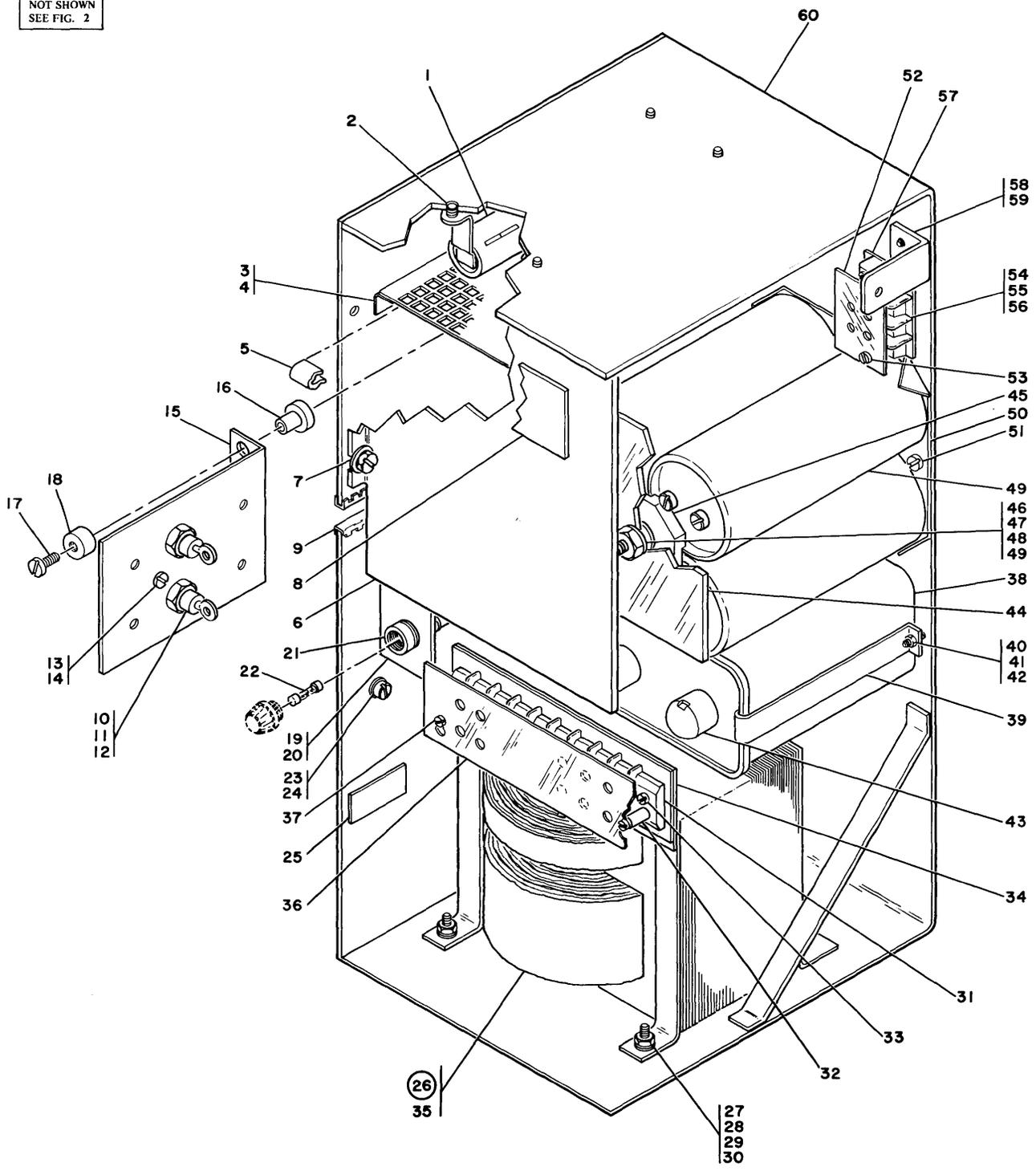


FIGURE 7. POWER SUPPLY ASSEMBLY (36 VOLT 15 AMP)
SEE LIST 7.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
7 -	5760737	POWER SUPPLY ASM,36V AT 15 AMP,60 HZ	REF	
-	5760750	POWER SUPPLY ASM,36V AT 15 AMP,50 HZ USED W/O EXTERNAL LOAD RESISTOR FOR NEXT HIGHER ASM SEE FIGURE 2-13	REF	
- 1	317317	. RESISTOR,FXD WW 10 OHM 100 W P/M 10%	2	
- 2	58207	. SCREW,BH.8-32 X 0.250 LG ATT PT	4	
- 3	5760747	. COVER,SAFETY	1	
- 4	58207	. SCREW,BH.8-32 X 0.250 LG ATT PT	4	
- 5	223528	. CHANNEL,RUBBER	AR	
- 6	5760741	. COVER	1	
- 7	28413	. SCREW,MACH-BIND HD 10-32 X 5/16 LG ATT PT	3	
- 8	2229404	. LABEL,HIGH TEMPERATURE	1	
- 9	730432	. GROMMET,CATERPILLAR	AR	
- 10	127324	. SEMICONDUCTOR DEVICE,D10- 150V 30 AMP	2	
- 11	160017	. NUT,PLAIN,HEX- 1/4-28 X 7/16 FL W ATT PT	2	
- 12	65756	. WASHER,LOCK-INT TEETH 0.25 ID X 0.478 OD ATT PT	2	
- 13	28413	. SCREW,MACH-BIND HD 10-32 X 5/16 LG	1	
- 14	56121	. WASHER,LOCK-INT TEETH NO. 10 X 0.381 OD	1	
- 15	5738784	. HEATSINK	1	
- 16	5351114	. BUSHING,INSULATING ATT PT	2	
- 17	5351113	. SCREW,CAPTIVE 10-32 X 0.500 LG ATT PT	2	
- 18	5351115	. BUSHING ATT PT	2	
- 19	5761792	. BRACKET	1	
- 20	58207	. SCREW,BH.8-32 X 0.250 LG ATT PT	2	
- 21	179946	. HOLDER-FUSE	1	
- 22	596676	. FUSE,CARTRIDGE-15 AMP 250V	1	
- 23	28413	. SCREW,MACH-BIND HD 10-32 X 5/16 LG	1	
- 24	56079	. WASHER-LOCK,EXT T .204 ID .410 OD	1	
- 25	801652	. LABEL	1	
- 26	5760742	. TRANSFORMER ASM,60 HZ	1	
- 26	4118422	. TRANSFORMER ASM,50 HZ	1	
- 27	25895	. SCREW,MACH-FH 1/4-20 X 3/4 LG ATT PT	4	
- 28	6935	. LOCKWASHER,SPLIT 0.25-20,0.493 OD ATT PT	4	
- 29	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT	4	
- 30	122592	. LOCKWASHER,EXT.TOOTH 0.384 ID ATT PT	1	
- 31	315956	. . BOARD,TERMINAL-8 POS	1	
- 32	210883	. . STUD, EXT 6-32 X 1/2 INT 6-32 X 0.19 DP ATT PT	2	
- 33	322065	. . SCREW,MACH-BIND HD 6-32 X 5/8 LG ATT PT	2	
- 34	322272	. . MARKER STRIP,8 POS.	1	
- 35	5760743	. . TRANSFORMER,60 HZ	1	
- 35	4118644	. . TRANSFORMER,50 HZ	1	
- 36	533361	. SHIELD,8 POS	1	
- 37	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 38	5319839	. CAPACITOR,PAPER 40 MFD 330V	1	
- 39	361968	. CLAMP	2	
- 40	322551	. SCREW,BIND HD 6-32 X 0.75 LONG ATT PT	2	
- 41	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD ATT PT	2	
- 42	257187	. NUT,HEX 6-32 NC ATT PT	2	
- 43	526378	. CAP,TERMINAL	2	
- 44	5762089	. SHIELD	1	
- 45	749470	. CLAMP, CAPACITOR	1	
- 46	511091	. BOLT ATT PT	1	
- 47	6935	. LOCKWASHER,SPLIT 0.25-20,0.493 OD ATT PT	1	
- 48	3550	. WASHER,FLAT 1/4 ID-9/16-OD-0.05 THICK ATT PT	1	
- 49	36109	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT	4	
- 50	5239117	. PLATE	1	
- 51	58207	. SCREW,BH.8-32 X 0.250 LG ATT PT	4	
- 52	337509	. SHIELD,2 POS	1	
- 53	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 54	317193	. TERMINAL BLOCK,2 POS	1	
- 55	210883	. STUD, EXT 6-32 X 1/2 INT 6-32 X 0.19 DP ATT PT	2	
- 56	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG ATT PT	2	
- 57	315730	. MARKER STRIP,2 POS	1	
- 58	5761912	. BRACKET	1	
- 59	58207	. SCREW,BH.8-32 X 0.250 LG ATT PT	2	
- 60	5760738	. CHASSIS ***** END OF LIST 7 *****	1	

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
8 -		CODE A USED ON 60HZ ONLY CODE B USED ON 50 HZ ONLY					
-	5709630	POWER SUPPLY ASM,36V AT 25 AMP,60 HZ				REF	
-	5709640	POWER SUPPLY ASM,36V AT 25 AMP,50 HZ				REF	
		USED W/EXTERNAL LOAD RESISTOR FOR NEXT HIGHER ASM SEE FIGURE 2-13					
- 1	476364	. RESISTOR-FXD-WW 5 OHM P/M 10PCT 50W				1	
- 2	304479	. SCREW,MACH-RH 8-32 X 4-3/4 LG				ATT PT	2
- 3	257189	. NUT, HEX 8-32				ATT PT	1
- 4	55901	. WASHER, LOCK, EXT TEETH - .176 DIA				ATT PT	1
- 5	607477	. WASHER, BEARING RETAINER				ATT PT	1
- 6	521695	. INSULATOR,WASH- 1/2 ID 1 OD 1/32 THK				ATT PT	2
- 7	528007	. WASHER,CENTERING				ATT PT	2
- 8	32042	. SCREW, MACH BIND. HD 10-32 X 3/8 LG.					1
- 9	9092	. WASHER-LOCK,SPLIT RING, .194 ID .3370D					1
- 10	2158694	. RELAY,3PDT 24 VAC COIL					1
- 11	257187	. NUT,HEX 6-32 NC				ATT PT	1
- 12	56722	. WASHER-LOCK,EXT T, .150 ID				ATT PT	1
- 13	5709632	. TRANSFORMER ASM,60HZ					1
- 13	5709642	. TRANSFORMER ASM,50HZ					1
- 14	25895	. SCREW,MACH-FH 1/4-20 X 3/4 LG				ATT PT	4
- 15	6935	. LOCKWASHER,SPLIT 0.25-20,0.493 OD				ATT PT	4
- 15	76574	. WASHER, LOCK-EXT. TEETH .250				ATT PT	2
- 16	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W				ATT PT	4
- 17	320451	. . TERMINAL BOARD- 10 DBL SCREW TERMINALS					1
- 18	210986	. . STUD, SLOTTED 8-32 X 1/2 LG THREAD				ATT PT	3
- 19	210985	. . STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP				ATT PT	1
- 20	550578	. . MARKER STRIP- 10 POS NOS. 1 THRU 10					1
- 21	186968	. . TERMINAL,LUG-INS 10/12AWG NO. 8 MTG HOLE					6
- 22	2101326	. . TERMINAL-CLIP,BARREL NO.12-10 WIRE INSUL					1
- 23	360370	. . TERMINAL-RING TOUNGUE NO.14-16 WIRE					4
- 24	517913	. . CLIP, SLIP ON NO.18-16 AWG					2
- 25	5214088	. . TRANSFORMER,60 HZ					1
- 25	4100342	. . TRANSFORMER,50 HZ					1
- 26	533342	. SHIELD,10 POSITION					1
- 26	188697	. SHIELD- 10 POSITION					1
- 27	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG				ATT PT	1
- 27	210984	. SCREW,MACH RH 6-32 X .25				ATT PT	1
- 28	5709633	. CHASSIS,POWER SUPPLY					1
- 29	5214085	. CAPACITOR,FIXED,PAP-50 UF P/M 10%,330VAC					1
- 30	517197	. BRACKET-CAPACITOR MOUNTING					2
- 31	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG				ATT PT	2
- 32	257189	. NUT, HEX 8-32				ATT PT	2
- 33	526378	. CAP,TERMINAL					2
- 34	5214073	. CAPACITOR,0.032 UUF P/M 10%,40VDC					12
- 35	749470	. CLAMP, CAPACITOR					4
- 36	511091	. BOLT				ATT PT	4
- 37	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W				ATT PT	4
- 38	6935	. LOCKWASHER,SPLIT 0.25-20,0.493 OD				ATT PT	4
- 39	5762409	. BRACKET					1
- 40	186759	. SCREW,MACH-BIND HD 8-32 X 5/16 LG				ATT PT	2
- 41	60646	. WASHER,LOCK-INT TEETH NO. 8 X 0.340 OD				ATT PT	2
- 42	22478	. WASHER,FL- 0.170 ID 0.375 OD 0.032 THK				ATT PT	2
- 43	5709635	. SHIELD					1
- 44	81693	. SCREW,MACH-BIND HD 6-32 X 3/8 LG				ATT PT	2
- 45	5762295	. STANDOFF,1.50 LG,6-32 INT THREAD					2
- 46	81693	. SCREW,MACH-BIND HD 6-32 X 3/8 LG				ATT PT	2
- 47	5709634	. BUS PLATE					1
- 48	32042	. SCREW, MACH BIND. HD 10-32 X 3/8 LG.				ATT PT	12
- 49	9092	. WASHER-LOCK,SPLIT RING, .194 ID .3370D				ATT PT	12
- 50	127324	. SEMICONDUCTOR DEVICE,D10- 150V 30 AMP					2
- 51	6935	. LOCKWASHER,SPLIT 0.25-20,0.493 OD				ATT PT	2
- 52	160017	. NUT,PLAIN,HEX- 1/4-28 X 7/16 FL W				ATT PT	2
- 53	386842	. SPACER-SWITCHPLATE					12
- 54	5709634	. BUS PLATE					1
- 55	32042	. SCREW, MACH BIND. HD 10-32 X 3/8 LG.				ATT PT	12
- 56	9092	. WASHER-LOCK,SPLIT RING, .194 ID .3370D				ATT PT	12
- 57	253268	. STUD-TERMINAL GUARD					12
- 58	123049	. FUSEHOLDER-PHENOLIC 1 POS 30 AMP 250V					1
- 59	845	. SCREW,MACH-FIL H 8-32 X 1/2 LG				ATT PT	2
- 60	5762085	. SHIELD					1
- 61	338238	. SCREW,BIND HD 4-40 X 0.312 LG				ATT PT	1
- 62	210473	FUSE,17.5 AMPS,LAG TIME,NON-INDICATING					1
		***** END OF LIST 8 *****					

FOR PARTS
NOT SHOWN
SEE FIG. 2

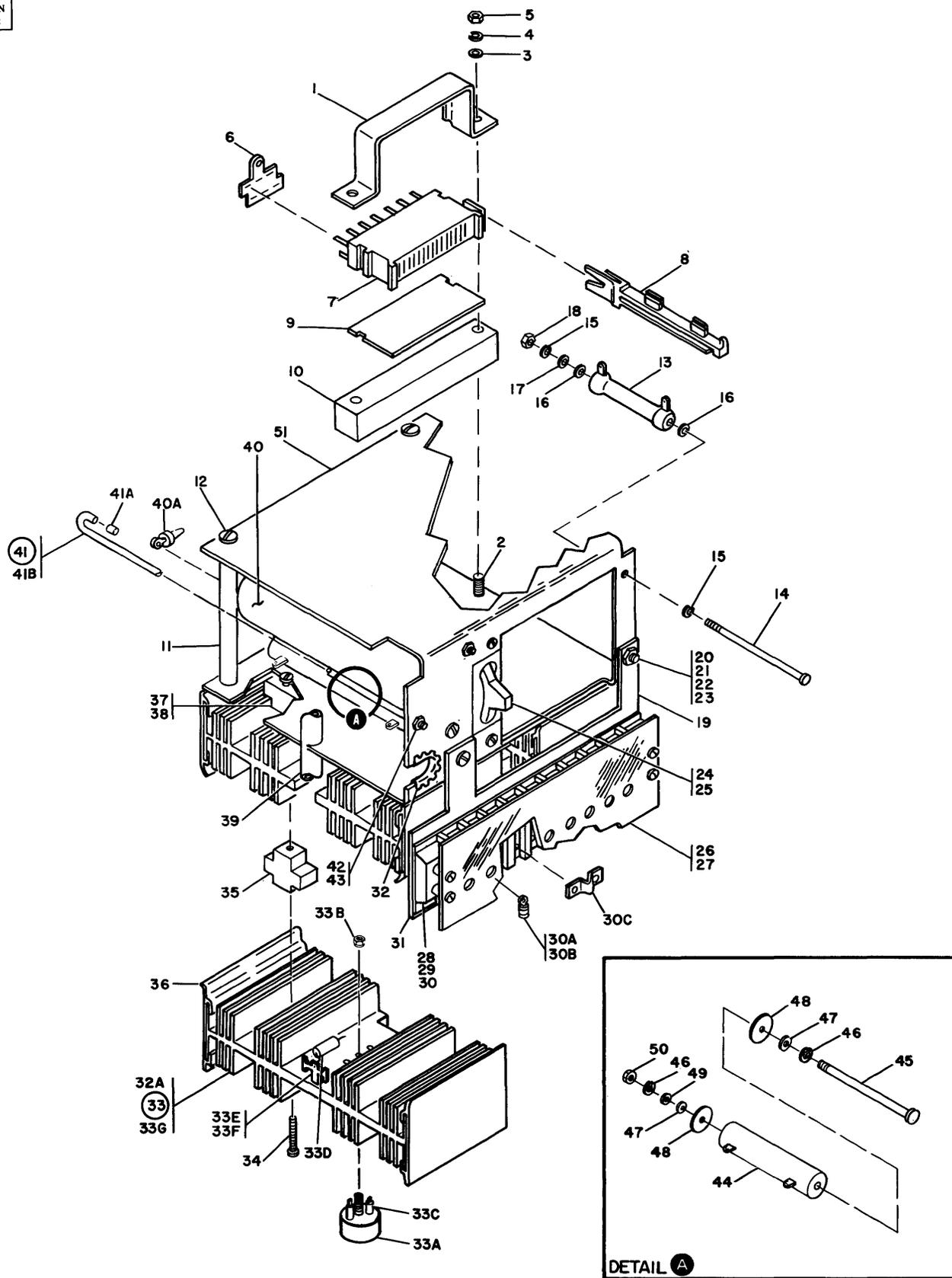


FIGURE 9. POWER PAC ASSEMBLY (3 VOLT 20 AMP, 30-36 VOLT 4 AMP)
SEE LIST 9.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
9 -		CODE A USED ON 3V 20 AMP POWER PAC ASM CODE B USED ON 30-36V 4 AMP PWR PAC ASM		
-	5234379	POWER PAC ASSEMBLY, 3V AT 20AMP	REF	
-	730460	POWER PAC ASM, 30V-36V 4 AMP-MIDPAC FOR NEXT HIGHER ASM SEE FIGURE 2-4, 2-6	REF	
- 1	473530	. BRACKET	1	
- 2	438567	. SCREW, MACH-UNDRCT BIND HD 6-32 X 1 LG	2	ATT PT
- 3	257986	. WASHER, 0.156 ID X 0.035 THK	2	ATT PT
- 4	62031	. WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	2	ATT PT
- 5	38051	. NUT, PLAIN HEX 6-32 X 1/4 FL W	2	ATT PT
- 6	730177	. BUS, RECEPTACLE, 8 POSITION	2	
- 7	216076	. RECEPTACLE ASM, SINGLE CARD FOR COMPONENTS SEE FIGURE 32-201	2	
- 8	216206	. GUIDE-SINGLE CARD LONG	2	
- 9	473547	. SPACER, 1 X 2 3/8 IN .12 IN THICK	1	
- 10	730443	. SPACER-CARD RECP	1	
- 11	730444	. SPACER, SLEEVE	2	
- 12	730446	. SCREW, MACH-BINDING HD 10-32 X 3.16 LG	2	ATT PT
- 13	563882	. RESISTOR, FXD WW 30 OHM P/M 10 PCT 10W	1	A
- 13	519692	. RESISTOR, FIXED WW, 300 OHMS PM 5%, 10 W	1	B
- 14	438582	. SCREW, MACH-FIL H 8-32 X 2-1/4 LG	1	ATT PT
- 15	60646	. WASHER, LOCK-INT TEETH NO. 8 X 0.340 OD	2	ATT PT
- 16	442959	. INSULATOR, WASH- 11/64 ID 15/32 OD 1/32 T	2	ATT PT
- 17	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	1	ATT PT
- 18	257189	. NUT, HEX 8-32	1	ATT PT
- 19	730455	. PLATE, MTG-TERMINAL BOARD	1	
- 20	236849	. SCREW, MACH-BIND HD 10-32 X 1/4 LG	1	ATT PT
- 21	55918	. SCREW, MACH-BIND HD 10-32 X 5/8 LG	1	ATT PT
- 22	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	1	ATT PT
- 23	11598	. NUT, HEX, 10-32 X 0.375 FL W	2	ATT PT
- 24	207350	. CIRCUIT BREAKER, SP 60V DC 20 AMP	1	A
- 24	5261809	. CIRCUIT BREAKER	1	B
- 25	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG	2	ATT PT
- 26	473545	. SHIELD, 9 POSITION	1	A
- 26	352088	. SHIELD, 9 POS.	1	B
- 27	210984	. SCREW, MACH RH 6-32 X .25	1	A
- 27	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG	2	B
- 28	323844	. BLOCK, TERMINAL 9 POSITION	1	
- 29	4118820	. STUD, T.B. MOUNTING	3	A
- 29	5528	. SCREW, MACH-BIND HD 8-32 X 0.625 LG	1	B
- 30	4118821	. STUD, SHIELD MOUNTING	AR	
- 30A	92784	. TERMINAL, LUG-INS 18-20AWG NO.8 MTG HOLE	AR	
- 30B	186962	. TERMINAL-RING, 6 STUD	3	A
- 30B	360370	. TERMINAL-RING TOUNGUE NO.14-16 WIRE	3	B
- 30C	730468	. JUMPER-TERMINAL STRIP	2	
- 31	730439	. MARKER STRIP-9 POS	1	
- 32	730432	. GROMMET, CATERPILLAR	AR	
- 32A	730448	. HEAT SINK	1	B
- 33	730453	. HEATSINK ASSEMBLY	4	A
- 33	730454	. HEATSINK ASM	3	B
- 33A	369214	. . TRANSISTOR, TYPE 108	1	
- 33B	11891	. . NUT, PLAIN, HEX- 10-32 X 3/8 FL W BRS	1	ATT PT
- 33C	219423	. . TUBE, RUBBER- 0.085 ID X 0.120 OD X 2 LG	2	
- 33D	207324	. . RESISTOR, FXD, WW- 0.1 OHM P/M 5% 5W (USED ON ASM 730453)	1	
- 33D	483247	. . RESISTOR, FXD (USED ON ASM 730454)	1	
- 33E	478045	. . TERMINAL - SOLDER	1	
- 33F	80651	. . SCREW, THD CTG-BIND HD 6-32 X 3/8 LG	1	ATT PT
- 33G	730448	. . HEAT SINK	1	
- 34	730445	. SCREW, SELF TAPPING NO.6 X 2.18 LG	4	ATT PT
- 35	730434	. TIE BAR-2 POS	2	
- 36	473536	. SEAL	AR	
- 37	473531	. INSULATOR	4	
- 38	473544	. SCREW, BINDING HEAD SELF TAP NO 6 1/2 IN	4	ATT PT
- 39	253569	. INSULATION SLEEVING, ELEC- 0.375 ID	AR	
- 40	730429	. CAPACITOR, FXD, ELECT- 11,000 MFD 10V DCW	1	A
- 40	208245	. CAPACITOR, ELECT 2500 MFD P 100 M 10 PCT	1	B
- 40A	359695	. TERMINAL-RING LUG NO.10 STUD	8	
- 40A	2101326	. TERMINAL-CLIP, BARREL NO.12-10 WIRE INSUL	6	
- 40A	334932	. TERMINAL-LUG NO.18 THRU NO.22 WIRE INSUL	2	
- 41	473543	. CLAMP ASM-CAPACITOR	2	
- 41A	473412	. . INSULATOR, CAPACITOR CLAMP	1	
- 41B	473422	. . CLAMP, CAPACITOR	1	
- 42	62031	. WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	2	ATT PT
- 43	38051	. NUT, PLAIN HEX 6-32 X 1/4 FL W	2	ATT PT
- 44	730483	. RESISTOR, FXD-WW-0.06 OHM P/M 10PCT 90W	1	A
- 45	331982	. SCREW, MACH RD HD 8-32 X 1-1/4 LG	1	A
- 46	60646	. WASHER, LOCK-INT TEETH NO. 8 X 0.340 OD	2	A
- 47	321603	. WASHER, INSULATING 5/8 OD X 0.031 THK	2	A
- 48	510468	. CUP WASHER	2	A
- 49	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	1	A
- 50	257189	. NUT, HEX 8-32	1	A
- 51	730456	. CHASSIS	1	

***** END OF LIST 9 *****

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
10 - 4	255629	. SCREW, FLAT HD, SELF TAPPING, 6-32 X 0.50 LG	1	
- 5	369214	. TRANSISTOR, TYPE 108	1	
- 6	11598	. NUT, PLAIN HEX, 10-32 X 0.38 FL	1	
- 7	5761976	. TUBE, RUBBER- 0.085 ID X 0.120 OD X 2 LG	2	
- 8	5762036	. STANDOFF	2	
- 9	5762037	. TERMINAL	2	
- 10	5762058	. SCREW	2	
- 11	1134232	. SHLDR WSHR	2	
- 12	5762047	. BUS STRIP	1	A
- 12	5762048	. BUS STRIP	1	B
- 13	5762034	. INSULATOR	4	
- 14	91610	. SCREW, SELF TAPPING, PAN 6-32 X 0.50 LG	4	
- 15	5762428	. SHIELD, 12 POS	1	
- 16	81693	. SCREW, MACH BIND HD, 6-32 X 0.38 LG	2	
- 17	2572866	. SPACER	1	
- 18	2032	. SCREW, FILISTER HD, 8-32 X 0.88 LG	2	
- 19	81898	. TERMINAL BOARD- 12 DBL SCREW TERMINALS	1	
- 20	5240422	. MARKER STRIP, 12 POS.	1	
- 21	253569	. INSULATION SLEEVING, ELEC- 0.375 ID	AR	A
- 21	245541	. TUBING	AR	B
- 22	2102365	. CLAMP, LOOP- 0.330 ID 0.170 DIA MTG HOLE	1	
- 23	35739	. SCREW, MACH-BIND HD 6-32 X 15/16 LG	1	ATT PT
- 23	257986	. WASHER, 0.156 ID X 0.035 THK	1	ATT PT
- 23	38051	. NUT, PLAIN HEX 6-32 X 1/4 FL W	1	
- 24	123073	. GROMMET	1	
- 25	5392872	. CIRCUIT BREAKER	1	
- 26	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG	2	ATT PT
- 27	730432	. GROMMET, CATERPILLAR	1	
- 28	124695	. RESISTOR, WIREWOUND 20 OHMS 10 WATTS	1	A
- 28	805044	. RESISTOR, FXD, WW- 50 OHMS P/M 10% 10W	1	B
- 29	438582	. SCREW, MACH-FIL H 8-32 X 2-1/4 LG	1	ATT PT
- 30	60646	. WASHER, LOCK-INT TEETH NO. 8 X 0.340 OD	2	ATT PT
- 31	257189	. NUT, HEX 8-32	1	ATT PT
- 32	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	1	ATT PT
- 33	442959	. INSULATOR, WASH- 11/64 ID 15/32 OD 1/32 T	2	
- 34	730499	. RESISTOR, FXD	2	B
- 35	331982	. SCREW, MACH RD HD 8-32 X 1-1/4 LG	2	B
- 36	60646	. WASHER, LOCK-INT TEETH NO. 8 X 0.340 OD	4	B
- 37	321603	. WASHER, INSULATING 5/8 OD X 0.031 THK	4	B
- 38	510468	. CUP WASHER	4	B
- 39	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	2	B
- 40	257189	. NUT, HEX 8-32	2	B
- 41	730429	. CAPACITOR, FXD, ELECT- 11,000 MFD 10V DCW	1	
- 42	473412	. INSULATOR, CAPACITOR CLAMP	2	B
- 43	473543	. CLAMP, ASM-CAPACITOR	2	A
- 44	473412	. INSULATOR, CAPACITOR CLAMP	2	
- 45	473422	. CLAMP, CAPACITOR	2	A
- 45	5247112	. CLAMP, CAPACITOR	2	B
- 46	62031	. WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	2	A
- 46	6364	. WASHER, LOCK-SPLIT NO. 6 X 1/4 OD	2	B
- 47	38051	. NUT, PLAIN HEX 6-32 X 1/4 FL W	2	A
- 47	257187	. NUT, HEX 6-32 NC	2	B
- 48	730444	. SPACER, SLEEVE	2	
- 49	730446	. SCREW, MACH-BINDING HD 10-32 X 3.16 LG	2	
- 50	474530	. BRACKET	1	
- 51	438567	. SCREW, MACH-UNDRCT BIND HD 6-32 X 1 LG	2	ATT PT
- 52	257986	. WASHER, 0.156 ID X 0.035 THK	2	ATT PT
- 53	62031	. WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	2	A
- 53	6364	. WASHER, LOCK-SPLIT NO. 6 X 1/4 OD	2	B
- 54	38051	. NUT, PLAIN HEX 6-32 X 1/4 FL W	2	A
- 54	257187	. NUT, HEX 6-32 NC	2	B
- 55	730443	. SPACER-CARD RECP	1	
- 56	730177	. BUS, RECEPTACLE, 8 POSITION	2	
- 57	216076	. RECEPTACLE ASM, SINGLE CARD FOR COMPONENT PARTS SEE FIGURE 32-201	2	
- 58	473547	. SPACER, 1 X 2 3/8 IN .12 IN THICK	1	
- 59	216206	. GUIDE-SINGLE CARD LONG	2	
- 60	55918	. SCREW, MACH BIND HD, 10-32 X 0.625 LG	1	
- 60	56121	. LCKW, INT TOOTH, 0.195 ID	1	
- 60	11598	. NUT, PLAIN HEX, 10-32 X 0.38 FL	1	
- 61	730458	. CHASSIS-MIDPAC, 8 TRANSISTOR	1	A
- 61	730493	. CHASSIS-MIDPACK, 10 TRANSISTOR ***** END OF LIST 10 *****	1	B

FOR PARTS
NOT SHOWN
SEE FIG. 2

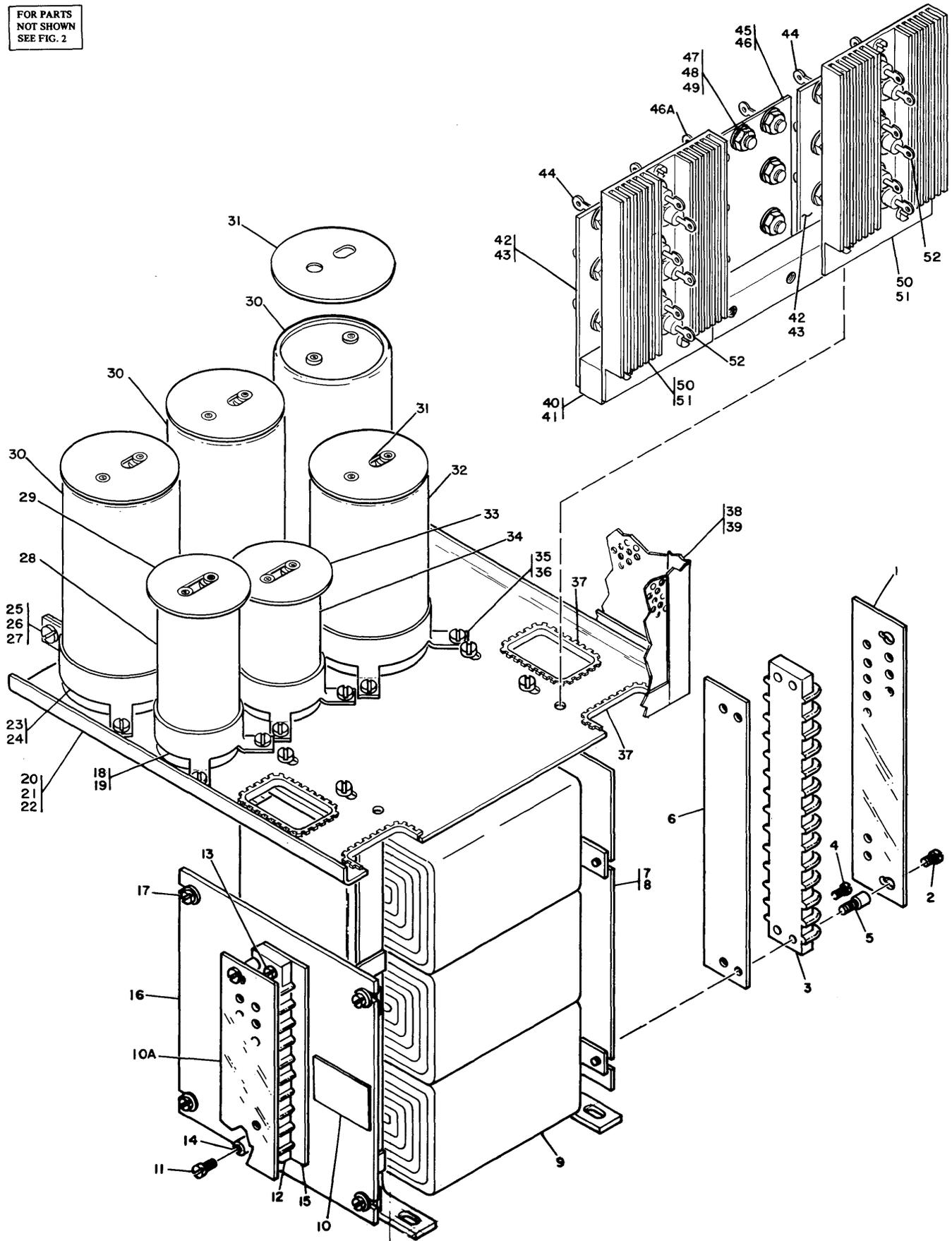


FIGURE 11. TRANSFORMER-RECTIFIER ASSEMBLY
SEE LIST 11.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE ON CODE
			PER ASM.	
11 -	5760770	TRANSF.-RECT. ASM,MULTI LEVEL,60HZ	REF	
-	5760860	TRANSF.-RECT. ASM,MULTI LEVEL,50HZ	REF	
		FOR NEXT HIGHER ASM SEE FIGURE 2-122		
- 1	2572839	. SHIELD,TB 13 POS,30 AMP	2	
- 2	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	4	
- 3	477266	. BLOCK,TERMINAL 13 POSITION	2	
- 4	25627	. SCREW,MACH B.H.,8-32X0.5 LONG ATT PT	4	
- 5	210985	. STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP ATT PT	4	
- 6	730467	. MARKER STRIP,13 POS	2	
- 7	5709307	. PLATE	1	
- 8	28413	. SCREW, MACH BIND HD 10-32 X 5/16 LG ATT PT	4	
- 9	5760773	. TRANSFORMER,60HZ	1	
- 9	5760863	. TRANSFORMER,50HZ	1	
- 10	801652	. LABEL-60 HZ	1	
- 10	5240513	. LABEL-50 HZ	1	
- 10A	352088	. SHIELD,9 POS-60 HZ	1	
- 10A	2572839	. SHIELD,TB 13 POS,30 AMP 50 HZ	1	
- 11	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 12	477266	. BLOCK,TERMINAL 13 POSITION-60 HZ	1	
- 12	323844	. BLOCK,TERMINAL 9 POSITION-50 HZ	1	
- 13	25627	. SCREW,MACH-BIND HD 8-32 X 1/2 LG ATT PT	2	
- 14	210985	. STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP ATT PT	2	
- 15	730439	. MARKER STRIP-9 POS-60 HZ	1	
- 15	730467	. MARKER STRIP,13 POS-50 HZ	1	
- 16	5239188	. PLATE,60 HZ	1	
- 16	5209307	. PLATE,50 HZ	1	
- 17	28413	. SCREW, MACH BIND HD 10-32 X 5/16 LG ATT PT	4	
- 18	320456	. BRACKET-CAPACITOR MOUNTING	2	
- 19	55726	. SCREW,MACH-BIND HD 6-32 X .188 LG ATT PT	6	
- 20	5760776	. CHASSIS	1	
- 21	438622	. SCREW,MACH-UNDRCT BIND HD 1/4-20 X 3/8 ATT PT	4	
- 22	76574	. WASHER, LOCK-EXT. TEETH .250 ATT PT	1	
- 23	5261284	. CLAMP,CAPACITOR MTG	3	
-24	55726	. SCREW,BIND HD 6-32 X .188 LG	9	
- 25	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG F/U	6	
- 26	257187	. NUT,HEX 6-32 NC FU	6	
- 27	56722	. WASHER-LOCK,EXT T, .150 ID	6	
- 28	5261087	. CAPACITOR,FXD,ELECT- 3100 UF P75M10% 75V	1	
- 29	362206	. COVER	1	
- 30	5796393	. CAPACITOR,ELEC,ALUM. POLAR	3	
- 31	631769	. SHIELD,CAPACITOR	4	
- 32	5796429	. CAPACITOR,93000UF 15VDCW	1	
- 33	362206	. COVER	1	
- 34	801605	. CAPACITOR,7000UF 25VDCW	1	
- 35	5261284	. CLAMP	1	
- 36	55726	. SCREW,MACH-BIND HD 6-32 X .188 LG	3	
- 37	730432	. GROMMET,CATERPILLAR	AR	
- 38	5760777	. COVER,12 IN.	1	
- 38	2218911	. COVER,12 IN. F/U	1	
- 39	10170	. SCREW,BIND HD-6-32 X .250 LG	6	
- 40	730447	. BLOCK,HEAT SINK MTG	1	
- 41	438624	. SCREW,MACH-UNDRCT BIND HD 1/4-20 X 1 LG ATT PT	2	
- 42	730433	. HEAT SINK,DIODE	2	
- 43	322029	. SCREW,MACH-BIND HD 1/4-20 X 1/2 LG ATT PT	4	
- 44	598479	. SEMICONDUCTOR DEVICE,D10- 150V 10 AMP	12	
- 45	730442	. HEAT SINK,DIODE	1	
- 46	322029	. SCREW,MACH-BIND HD 1/4-20 X 1/2 LG ATT PT	2	
- 46A	127324	. SEMICONDUCTOR DEVICE,D10- 150V 30 AMP	6	
- 47	55918	. SCREW,MACH-BIND HD 10-32 X 5/8 LG	5	
- 48	56121	. WASHER,LOCK-INT TEETH NO. 10 X 0.381 OD	5	
- 49	11598	. NUT,HEX, 10-32 X 0.375 FL W	5	
- 50	5762567	. HEATSINK	2	
- 51	90261	. SCREW,250-20 ATT PT	4	
- 52	127324	. SEMICONDUCTOR DEVICE,D10- 150V 30 AMP	12	
		**** END OF LIST 11 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

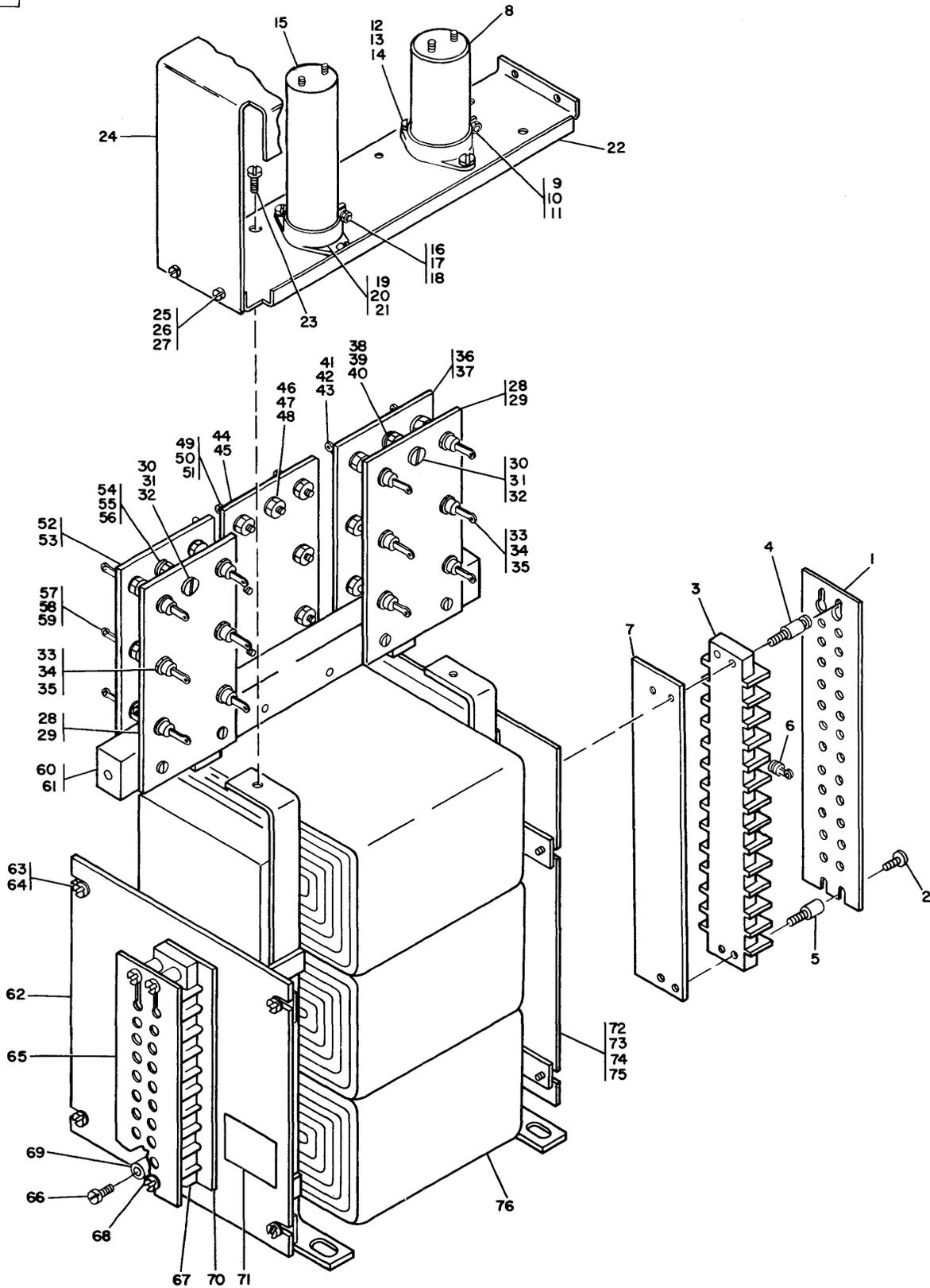


FIGURE 11A. TRANSFORMER - RECTIFIER ASSEMBLY.
SEE LIST 11A

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
11A-		CODE A USED ON 60 HZ ONLY CODE B USED ON 50 HZ ONLY		
-	5709670	TRANSFORMER ASSEMBLY-60 HZ	REF	
-	5709680	TRANSFORMER ASSEMBLY-50 HZ FOR NEXT HIGHER ASM SEE FIGURE 2-122	REF	
- 1	5371631	. SHIELD, TERMINAL BLOCK-13 POS	2	
- 2	210984	. SCREW, MACH RH 6-32 X .25	2	
- 3	477266	. BLOCK, TERMINAL 13 POSITION	2	
- 4	210986	. STUD, SLOTTED 8-32 X 1/2 LG THREAD	6	
- 5	210985	. STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP	2	
- 6	186968	. TERMINAL, RING INS 10/12AWG NO.8 MTG HOL	AR	
- 6	360370	. TERMINAL-RING TOUNGUE NO.14-16 WIRE	AR	
- 7	730467	. MARKER STRIP, 13 POS	2	
- 8	483107	. CAPACITOR 3100 MFD	3	
- 9	322065	. SCREW, MACH-BIND HD 6-32 X 5/8 LG	3	
- 10	6364	. WASHER, LOCK-SPLIT NO. 6 X 1/4 OD	3	
- 11	257187	. NUT, HEX 6-32 NC	3	
- 12	445304	. CLAMP, CAPACITOR	3	
- 13	10170	. SCREW, BINDING HD 6-32 X 0.25 LG	6	
- 15	5261368	. CAPACITOR, ELEC-1600 UF P/M 10% 75VDC	1	
- 16	322065	. SCREW, MACH-BIND HD 6-32 X 5/8 LG	1	
- 17	6364	. WASHER, LOCK-SPLIT NO. 6 X 1/4 OD	1	
- 18	257187	. NUT, HEX 6-32 NC	1	
- 19	445304	. CLAMP, CAPACITOR	1	
- 20	10170	. SCREW, MACH BIND HD, 6-32 X 0.25 LG	2	
- 21	6364	. WASHER, LOCK-SPLIT NO. 6 X 1/4 OD	2	
- 22	5761713	. PLATE	1	
- 23	438622	. SCREW, MACH-UNDRCT BIND HD 1/4-20 X 3/8	2	
- 24	5761714	. SHIELD	1	
- 25	34512	. SCREW, MACH-BIND HD 8-32 X 3/8 LG	4	
- 26	1090873	. LOCKWASHER, SPLIT NO. 8	4	
- 27	22478	. WASHER, FL- 0.170 ID 0.375 OD 0.032 THK	4	
- 28	730442	. HEAT SINK, DIODE	2	
- 29	322029	. SCREW, MACH-BIND HD 1/4-20 X 1/2 LG	4	
- 30	55918	. SCREW, MACH-BIND HD 10-32 X 5/8 LG	2	
- 31	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	2	
- 32	11598	. NUT, HEX, 10-32 X 0.375 FL W	2	
- 33	127324	. SEMICONDUCTOR DEVICE, D10- 150V 30 AMP	12	
- 34	76574	. WASHER, LOCK-EXT. TEETH .250	12	
- 35	160017	. NUT, PLAIN, HEX- 1/4-28 X 7/16 FL W	12	
- 36	730433	. HEAT SINK, DIODE	1	
- 37	322029	. SCREW, MACH-BIND HD 1/4-20 X 1/2 LG	2	
- 38	55918	. SCREW, MACH-BIND HD 10-32 X 5/8 LG	1	
- 39	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	1	
- 40	11598	. NUT, HEX, 10-32 X 0.375 FL W	1	
- 41	598479	. SEMICONDUCTOR DEVICE, D10- 150V 10 AMP	6	
- 42	56079	. WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH	6	
- 43	11598	. NUT, HEX, 10-32 X 0.375 FL W	6	
- 44	730442	. HEAT SINK, DIODE	1	A
- 45	322029	. SCREW, MACH-BIND HD 1/4-20 X 1/2 LG	2	A
- 46	55918	. SCREW, MACH-BIND HD 10-32 X 5/8 LG	1	A
- 47	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	1	A
- 48	11598	. NUT, HEX, 10-32 X 0.375 FL W	1	A
- 49	127324	. SEMICONDUCTOR DEVICE, D10- 150V 30 AMP	6	A
- 50	76574	. WASHER, LOCK-EXT. TEETH .250	6	A
- 51	160017	. NUT, PLAIN, HEX- 1/4-28 X 7/16 FL W	6	A
- 52	730442	. HEAT SINK, DIODE	1	B
- 53	322029	. SCREW, MACH-BIND HD 1/4-20 X 1/2 LG	2	B
- 54	55918	. SCREW, MACH-BIND HD 10-32 X 5/8 LG	1	
- 55	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	1	
- 56	11598	. NUT, HEX, 10-32 X 0.375 FL W	1	B
- 57	127324	. SEMICONDUCTOR DEVICE, D10- 150V 30 AMP	6	B
- 58	76574	. WASHER, LOCK-EXT. TEETH .250	6	B
- 59	160017	. NUT, PLAIN, HEX- 1/4-28 X 7/16 FL W	6	B
- 60	5239492	. BLOCK	1	
- 61	438625	. SCREW, MACH BD HD-.250-20 X 1.125 LG	2	
- 62	5239188	. PLATE, MOUNTING	1	A
- 62	5709307	. PLATE	1	B
- 63	32042	. SCREW, MACH BIND. HD 10-32 X 3/8 LG.	4	
- 64	45690	. WASHER, FLAT	4	
- 65	473545	. SHIELD, 9 POSITION	1	A
- 65	5371631	. SHIELD, TERMINAL BLOCK- 13 POS	1	B
- 66	210984	. SCREW, MACH RH 6-32 X .25	1	
- 67	323844	. BLOCK, TERMINAL 9 POSITION	1	A
- 67	477266	. BLOCK, TERMINAL 13 POSITION	1	B
- 68	210986	. STUD, SLOTTED 8-32 X 1/2 LG THREAD	3	
- 69	210985	. STUD, EXT 8-32 X 1/2 INT 6-32 X 0.19 DP	1	

FOR PARTS
NOT SHOWN
SEE FIG. 2

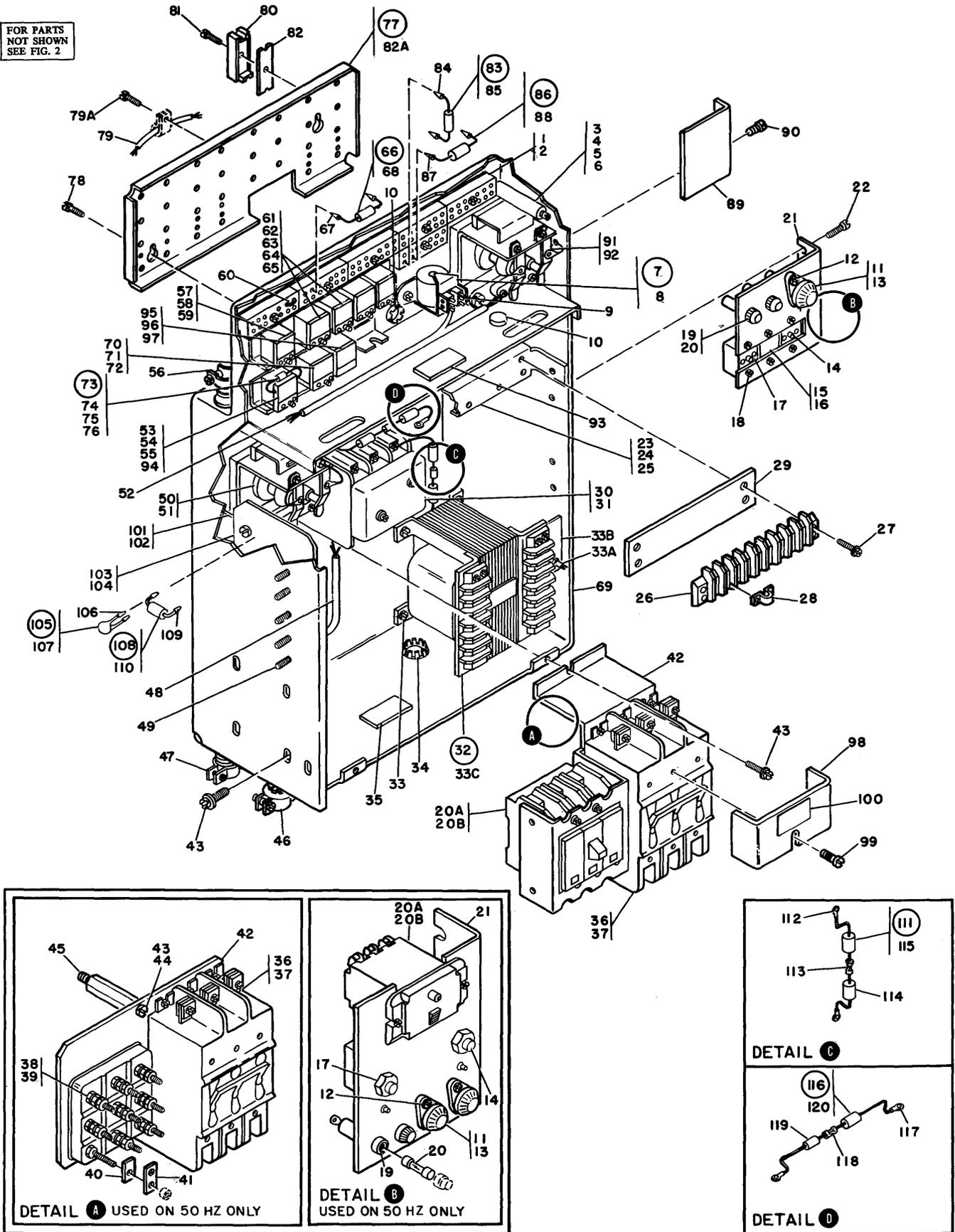


FIGURE 12. AC POWER AND SEQUENCING ASSEMBLY.
SEE LIST 12

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
12 -		CODE A USED ON 60 HZ ONLY CODE B USED ON 50 HZ ONLY					
		CODE C USED WITH AIRLINES BUFFER FEA CODE D USED WITH 2844 ATTACHMENT FEA CODE 1 USED WITHOUT POWER COMPATABILITY CODE 2 USED WITH POWER COMPATABILITY					
-	2218806	AC POWER AND SEQUENCE ASM,60 HZ				REF	
-	2218809	AC POWER AND SEQUENCE ASM,50 HZ				REF	
- 1	302090	FOR NEXT HIGHER ASM SEE FIG 2-28 TERMINAL BLOCK ASM-24 FEMALE CONTACTS				AR	
- 2	438549	FOR COMPONENTS SEE FIG 32-197 SCREW,MACH-BIND HD 4-40 X 7/16 LG				AR	
- 3	317126	RESISTOR,FXD,WW- 25 OHMS P/M 10% 25W				1	
- 4	507144	WASHER-CENTERING 0.173 ID X 5/8 OD				2	
- 5	521695	INSULATOR,WASH- 1/2 ID 1 OD 1/32 THK				2	
- 6	438592	SCREW,MACH-BIND HD 8-32 X 2-1/4 LG				1	
- 7	824347	RELAY,TD 23VDC,2 SEC DELAY				1	2
- 7	2285381	RELAY, TD DPDT 24V (SYRACUSE)				1	1
- 7	2173221	RELAY,TD DPDT 24V (HEINNMANN)				1	1
- 8	5350012	SCREW, THD FORMING HEX WSR HD 8-32 X .25 ATT PT				2	
- 9	634403	SWITCH				2	
- 10	168037	PLUG, SNAP-IN				2	
- 11	104615	FUSEHOLDER				1	A
- 11	104615	FUSEHOLDER				2	B
- 12	2181071	SCREW,MACH,PAN HD,6-32 X 0.50 LONG				AR	
- 13	107667	FUSE-LONG LAG 6.25A				1	A
- 13	107668	FUSE,CARTRIDGE-TIME DELAY 8 AMP 250V				2	B
- 14	535292	CIRCUIT BREAKER- 1P 230VAC 120VDC 2 AMP				1	A
- 14	8011177	CIRCUIT PROTECTOR-1 POLE,250 VAC,1 AMP				1	B
- 15	2184095	COVER-USED W/O AIRLINES BUFFER				1	1A
- 15	524176	CIRCUIT BREAKER-OVERLOAD PROTECTION-3 AMP 60HZ				1	2C
- 15	8011179	CIRCUIT BREAKER THERMAL ELEMENT 3 AMP 50HZ				1	2C
- 16	1115735	SCREW				2	A
- 17	524179	CIRCUIT BREAKER- 8 AMP				1	A
- 17	8016938	CIRCUIT BREAKER,1 POLE,250 V AT 10 AMP				1	B
- 18	55726	SCREW,MACH-BIND HD 6-32 X .188 LG				4	A
- 19	179946	HOLDER-FUSE				2	
- 20	6324	FUSE-CTG 3 AMP				2	
- 20A	726730	CIRCUIT BREAKER-3 POLE, 240 V,10 AMP				1	A
- 20A	4117829	CIRCUIT PROTECTOR				1	B
- 20B	10170	SCREW-MACH,BIND HD NO. 6-32 X .250 LG				4	A
- 20B	5349929	SCREW,THD FORMING HEX- 8-32 X 1/2 LG				2	
- 21	2218839	BRACKET,FUSE,60 HZ				1	A
- 21	2218840	BRACKET,FUSE,50 HZ				1	B
- 22	2181004	SCREW-HEX HD SELFTAP 10-32 X .375 LONG				2	
- 23	2218838	BRACKET-TERMINAL BOARD MTG				2	
- 24	2181004	SCREW-HEX HD SELFTAP 10-32 X .375 LONG				2	
- 25	2125974	WASHER, INT TOOTH, .200 ID X .562 OD				2	
- 26	323844	BLOCK,TERMINAL 9 POSITION				2	
- 27	2181002	SCREW-HEX HD SELFTAP 8-32 X .750 LONG				4	
- 28	730468	JUMPER-TERMINAL STRIP				AR	
- 29	730439	MARKER STRIP-9 POS				2	
- 30	2128748	CONTACTOR,MAGNETIC				1	2
- 30	2130334	MAGNETIC CONTACTOR,3-POLE 40A 24V COIL - F.U.				1	1
- 31	2181004	SCREW-HEX HD SELFTAP 10-32 X .375 LONG				2	
- 32	2191869	TRANSFORMER - F.U.				1	1
- 32	2261929	TRANSFORMER ASM				1	2
- 33	2181004	SCREW-HEX HD SELFTAP 10-32 X 0.375 LONG ATT PT				4	
- 33A	598479	RECTIFIER				2	
- 33B	2261930	HEAT SINK				1	
- 33C	2261928	TRANSFORMER				1	
- 34	246464	PLUG, BUTTON				1	
- 35	138755	DECAL,INST-LINE V PRESENT W/MACH PWR OFF				1	
- 36	2218836	PROTECTOR-CIRCUIT OVERLOAD,3 POLE 40 AMP -60HZ				1	2D
- 36	4116962	CIRCUIT BREAKER,40A 440V,3 POLE -50HZ				1	2D
- 36	2261927	CIRCUIT BREAKER 50/60 HZ				4	1D
- 37	25627	SCREW,MACH-BIND HD 8-32 X 1/2 LG				4	
- 38	4121259	SWITCH BOARD				1	B
- 39	5319888	SCREW, SELF TAPPING, 10-32 X .625 LONG				2	B
- 40	4064449	MARKER-PLATE				1	B
- 41	4064448	JUMPER-SWITCH				1	B
- 42	2218841	BRACKET,CBMTG,60 HZ				1	A
- 42	4056252	PLATE				1	B
- 43	5350012	SCREW, THD FORMING HEX WSR HD 8-32 X .25				4	A
- 43	236849	SCREW,MACH-BIND HD 10-32 X 1/4 LG				3	B
- 44	56079	WASHER, LOCK EXT TEETH, NO. 10 X 0.20 TH				6	B

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
12 - 45	4056255	. STANDOFF,HEX,10-32 X 2.17 LONG	1	B
- 46	237327	. CLAMP-CABLE	1	A
- 46	246464	. PLUG, BUTTON	1	B
- 47	2100837	. CLAMP,CABLE	1	
- 48	2218862	. CABLE ASM-60 CPS AC SEQUENCE PANEL JUMP	1	A
- 48	2218863	FOR COMPONENTS SEE FIG 32 . CABLE ASM 50 HZ AC SEQUENCE PANEL JUMP FOR COMPONENTS SEE FIG 32	1	B
- 49	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG	7	
- 50	827960	. RELAY,DPDT,24 VDC	1	2
- 50	5337062	RELAY, DPDT 24 AC 60HZ	1	1
- 50	5051235	RELAY,DPDT 24 AC 50 HZ	1	1
- 51	2181002	. SCREW, HEX HD SELFTAP 8-32 X 0.75 LG	2	
- 52	2218895	. CABLE ASSEMBLY-DC JUMPER SEQ BOX,60 HZ	1	A
- 52	2218906	FOR COMPONENTS SEE FIG 32 . CABLE ASM 50 HZ DC JUMPER SEQUENCE BOX FOR COMPONENTS SEE FIG 32	1	B
- 53	2184065	. RELAY, -4PDT 6V 1 AMP	1	
- 54	257187	. NUT,HEX 6-32 NC	1	
- 55	56722	. WASHER-LOCK,EXT T, .150 ID	1	
- 56	342250	. STRAIN RELIEF	1	
- 57	2184064	. RELAY,4PDT,24 VDC	3	2
- 57	2184096	. RELAY,ARMATURE - 4PDT 24VAC	3	1
- 58	257187	. NUT,HEX 6-32 NC	3	
- 59	56722	. WASHER-LOCK,EXT T, .150 ID	3	
- 60	205329	. JUMPER-BRASS,3/16	14	
- 61	2184064	. RELAY,4PDT,24 VDC	2	2
- 61	2184096	. RELAY, -4 PDT, 24 VAC	2	1
- 62	257187	. NUT,HEX 6-32 NC	2	
- 63	56722	. WASHER-LOCK,EXT T, .150 ID	2	
- 64	2267954	. GROMMET	2	
- 65	257986	. WASHER,0.156 ID X 0.035 THK	2	
- 66	2162849	. DIODE ASM	1	
- 67	187243	. . TERMINAL, SMALL TAPER 20-22-24 OR 26 AWG	2	
- 68	2414927	. . DIODE-SEMICONDUCTOR-TYPE HF	1	
- 69	2218835	. HOUSING,AC POWER AND SEQUENCE	1	
THE FOLLOWING COMPONENTS ARE FEATURES ONLY				
- 70	2184064	RELAY, 24VDC, 4PDT	1	2D
- 70	2184096	RELAY,ARMATURE-4PDT,24 VAC	1	1
- 71	257187	NUT,HEX 6-32 NC	1	C
- 72	56722	WASHER-LOCK,EXT T, .150 ID	1	C
- 73	2250867	DIODE ASM,TYPE HF	2	D
- 74	2114531	. TERMINAL,TAPER,22/24 AWG	2	
- 75	2414927	. DIODE-SEMICONDUCTOR-TYPE HF	1	
- 76	2114531	. TERMINAL,TAPER,22/24 AWG	2	D
- 77	2250937	EDGE CONECTOR PLATE ASM,AUXILIARY	2	D
- 78	2181001	SCREW,THD FORMING-HEX WASH HD 10-32X 3/4	2	D
- 79	2250933	CABLE ASSEMBLY FOR COMPONENTS SEE FIG 32	1	
- 79A	5319854	SCREW,SELF TAPPING,8-32 X 0.38 LG	1	
- 80	302090	TERMINAL BLOCK ASM-24 FEMALE CONTACTS FOR COMPONENTS SEE FIG 32-197	6	
- 81	438549	SCREW,MACH-BIND HD 4-40 X 7/16 LG	6	
- 82	302131	STRIP-TERMINAL BLOCK INSULATOR-0.500 WID	6	
- 82A	2250936	PLATE	1	
- 83	2162849	DIODE ASM	1	C
- 84	187243	. TERMINAL,SMALL TAPER 20-22-24 OR 26 AWG	2	C
- 85	2414927	. DIODE-SEMICONDUCTOR-TYPE HF	1	C
- 86	2162405	RESISTOR,FIXED 39 OHMS 2W	1	C
- 87	320167	. TERMINAL,QUICK DISCONNECT-NONINS 16 AWG	2	C
- 88	334927	. RESISTOR	1	C
- 89	2244711	SHIELD	1	C
- 90	2181004	SCREW-HEX HD SELFTAP 10-32 X .375 LONG	2	C
- 91	5337062	RELAY,DPST 24VAC 9.8 AMP -60HZ	1	1C
- 91	5051235	CONTACTOR,24VAC 10 AMP DPST -50HZ	1	1C
- 91	827960	CONTACTOR,24VDC DPST	1	2
- 92	2181002	SCREW-HEX HD SELFTAP 8-32 X .750 LONG	2	C
- 92	5349929	SCREW,THD FORMING HEX- 8-32 X 1/2 LG	2	C
- 93	124943	LABEL-HAZARDOUS AREA	1	C
- 94	339156	TERMINAL, SLIP ON TAPER TAB	2	D
- 95	2184065	RELAY,ARMATURE-4PDT 6V 1 AMP	1	C
- 96	257187	NUT,HEX 6-32 NC	1	C
- 97	56722	WASHER-LOCK,EXT T, .150 ID	1	C
- 98	2218948	SHIELD	1	

FOR PARTS
NOT SHOWN
SEE FIG. 2

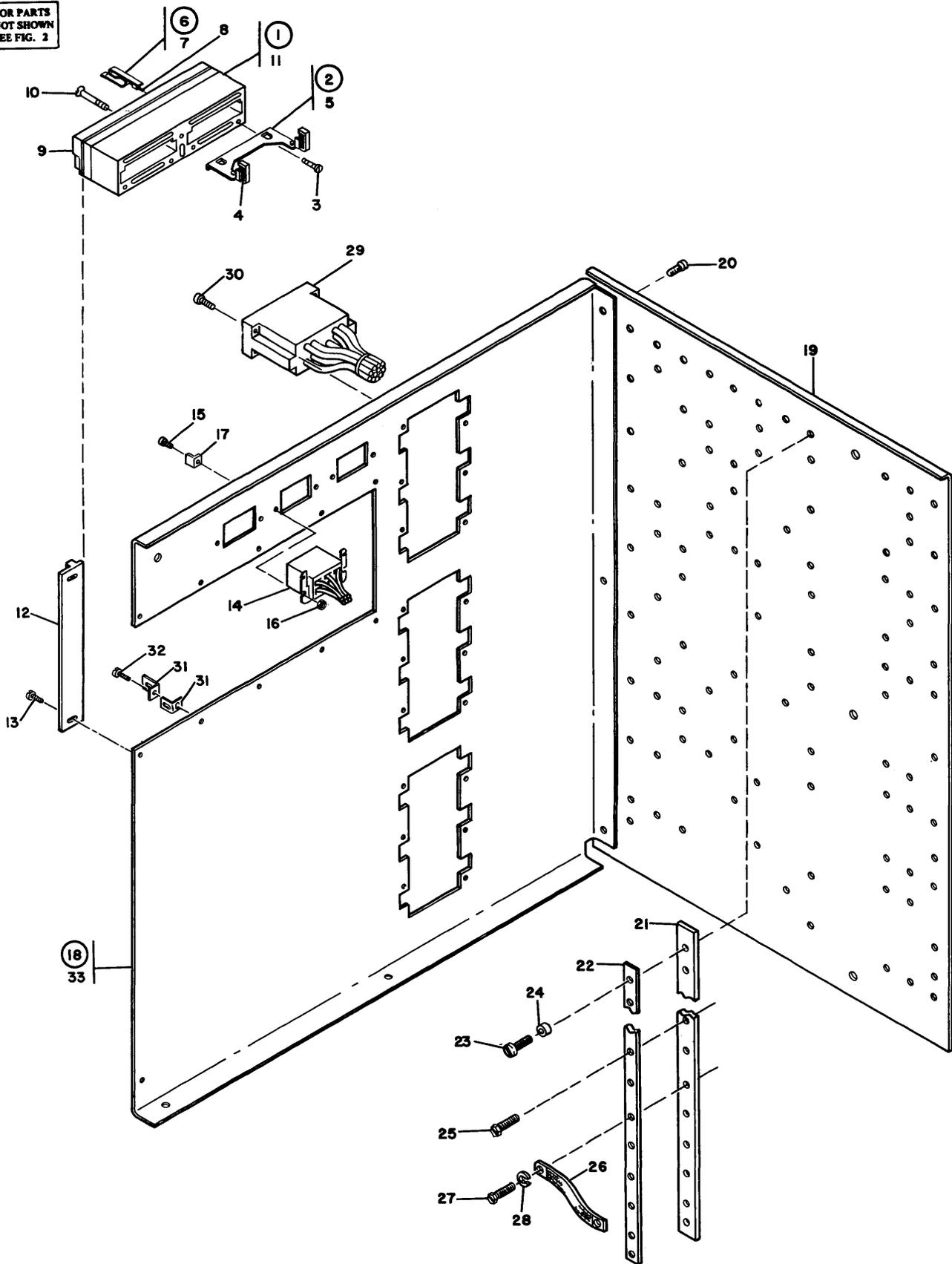


FIGURE 13. DC DISTRIBUTION ASSEMBLY.
SEE LIST 13.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
13 -		CODE A USED W/O 2 CHAN SW AND REMOTE SW CODE B USED WITH 2 CHANNEL SWITCH FEA.		
-	2218978 NP	DC DISTRIBUTION GROUP, I/O FOR NEXT HIGHER ASM SEE FIGURE 2-133	REF	
- 1	5362304	. CONNECTOR ASSEMBLY - HALF STYLE A	2	A
- 1	5362304	. CONNECTOR ASSEMBLY - HALF STYLE A	3	B
- 1	5362305	. CONNECTOR ASSEMBLY - HALF STYLE B	2	A
- 1	5362305	. CONNECTOR ASSEMBLY - HALF STYLE B	3	B
- 2	5404468	. BRACKET ASSEMBLY	2	
- 3	112628	. SCREW, THREAD FORMING, BIND HD, 3/8 IN. LG ATT PT	2	
- 4	5353894	. . . PAD-PRESSURE	2	
- 5	5353899	. . . BRACKET	1	
- 6	5362303	. . CONTACT AND PIN ASSEMBLY	48	
- 7	5362301	. . . CONTACT, LARGE SERPENT	1	
- 8	811727	. . . PIN-CONNECTOR	1	
- 9	5353867	. . CONNECTOR BLOCK - STYLE A	1	
- 9	5353868	. . BLOCK, CONNECTOR-STYLE B	1	
- 10	109918	. . SCREW, MACH, FLAT H- 1/2 LG ATT PT	AR	
- 11	5353902	. . GUIDE-PIN	1	
- 12	2191834	. BAR-I/O CONNECTOR VERTICAL MTG	AR	
- 13	2181005	. SCREW, SELF TAPPING, 6-32 X .375 LG. ATT PT	AR	
- 14	2218965	. CABLE ASM, DUAL CHANNEL, CU-1	1	B
- 15	170158	FOR COMPONENTS SEE FIGURE 32		
- 16	37913	. SCREW AND LOCKWASHER ASM-4-40 X 3/4 LG ATT PT	AR	
- 17	5271288	. NUT, HEX 4-40 NC ATT PT	AR	
- 18	2218807	. TERMINAL	AR	
- 19	2218830	. I/O ASSEMBLY-DC DIST	1	
- 20	2181004	. . PLATE-DC DISTRIBUTION	1	
- 21	2218832	. . SCREW, THREAD FORMING-HEX WASHER HD ATT PT	3	
- 22	2218833	. . STRIP-INSULATOR	11	
- 23	2181001	. . BAR-BUS	11	
- 24	333586	. . SCREW, THD FORMING-HEX WASH HD 10-32X 3/4 ATT PT	22	
- 25	5319854	. . BUSHING, PHENOLIC, .219 I.D.-SHOULDER ATT PT	22	
- 26	2157384	. . SCREW, SELF TAPPING, 8-32 X .375 LONG ATT PT	97	
- 27	5319854	. . STRAP, GROUND	4	
- 28	2125963	PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 29	2218834	. . SCREW, SELF TAPPING, 8-32 X .375 LONG ATT PT	1	
- 30	170150	. . WASHER, LOCK-INT TEETH NO. 8 X 9/16 OD ATT PT	1	
- 31	5271288	. . CABLE ASM-D.C. CONNECTOR I/O	9	
- 32	2175684	FOR COMPONENTS SEE FIGURE 32		
- 33	2218831	. . SCREW, ASSEM WASH-FIL H 4-40 X 1/4 LG ATT PT	18	
		. . TERMINAL	8	
		. . SCREW, THREAD FORMING-PAN HD 4-40 X 3/8LG ATT PT	4	
		. . PLATE-SIG AND DC CONNECTOR	1	
		***** END OF LIST 13 *****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

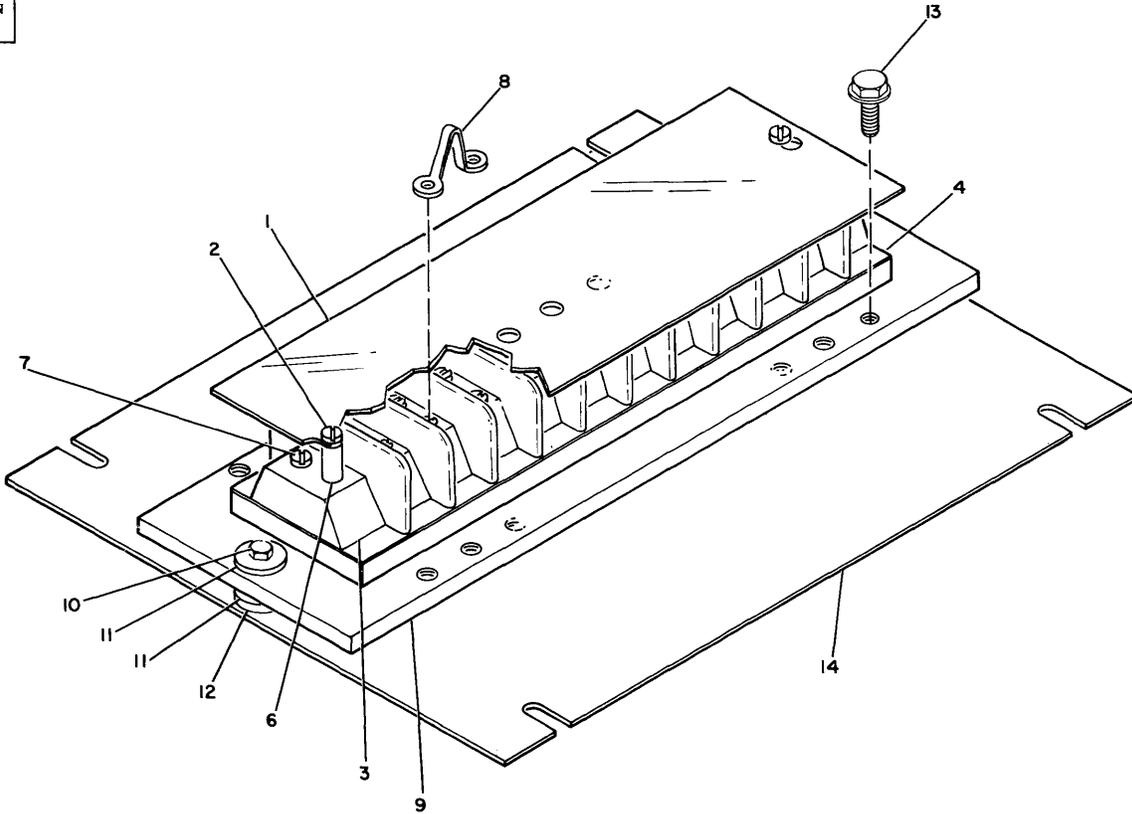


FIGURE 14. TERMINAL BLOCK ASSEMBLY.
SEE LIST 14

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
14 -	2244992	TERMINAL BLOCK ASSEMBLY FOR NEXT HIGHER ASM SEE FIGURE 2-189				REF	
- 1	438894					1	
- 2	10170				ATT PT	2	
- 3	283003					1	
- 4	550612					1	
- 6	2125898				ATT PT	2	
- 7	322552				ATT PT	2	
- 8	5364226					5	
- 9	2244885					1	
- 10	2191737				ATT PT	2	
- 11	2218925				ATT PT	4	
- 12	150909				ATT PT	2	
- 13	2181004					22	
- 14	2244968				PLATE **** END OF LIST 14 ****	1	

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
		CODE A USED W/O 2 CHANNEL SWITCH FEATURE CODE B USED WITH 2 CHANNEL SW FEATURE					
15 -	2218804	A GATE ASM, W/O 2 CHAN SW-MOD 1 & 2314A				REF	
-	2285702	A GATE ASM, W/O 2 CHAN SW-2314B				REF	
-	2218817	A GATE ASM, W/2 CHAN SW-MOD 1 & 2314A				REF	
-	2285704	A GATE ASM, W/2 CHAN SW-2314B FOR NEXT HIGHER ASM SEE FIGURE 2-159				REF	
- 1	811873	. COVER ASSEMBLY, CARD				AR	
- 2	815964	. . CATCH				4	
- 3	815963	. . CATCH-PULL				4	
- 4	815263	. . FOAM				1	
- 5	811872	. . COVER				1	
- 6	811881	. RETAINER ASSEMBLY				AR	
- 7	55726	. SCREW,MACH-BIND HD 6-32 X .188 LG ATT PT				AR	
- 8	811441	. . SEAL				2	
- 9	811896	. . RETAINER				2	
- 10	811859	. BRACKET,UPPER HINGE				AR	
- 11	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG				AR	
- 12	811858	. BRACKET,LOWER HINGE				AR	
- 13	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG ATT PT				AR	
- 14	811742	. SUPPORT,BUS				1	
- 15	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG ATT PT				1	
- 15A	257986	. WASHER,0.156 ID X 0.035 THK				1	A
- 16	438550	. SCREW,MACH-BIND HD 4-40 X 1/2 LG ATT PT				1	A
- 17	815039	. WASHER,FL 0.12 ID X 0.25 OD X 0.022 THK ATT PT				1	A
- 17	257985	. WASHER,FL-NO. 4 0.25 OD X 0.028 TH				1	B
- 18	5373223	. NUT,PLAIN,HEX- 4-40 X 0.250 FL W ATT PT				1	A
- 18	37913	. NUT, HEX 4-40 NC				1	B
- 18A	2239066	. LABEL, TEST POINTS -MOD 1 AND 2314A				1	A
- 18A	2244985	. LABEL, TEST POINTS -MOD 1 AND 2314A				1	B
- 18A	2285719	. LABEL, TEST POINTS -2314B				1	A
- 18A	2285720	. LABEL, TEST POINTS 2314B				1	B
- 18B	2271052	. LABEL, I.D. -MOD 1 AND 2314A				1	
- 18B	2285721	. LABEL, I.D. 2314B				1	
- 19	2194004	. THERMOSWITCH ASM,N/C 120 DEGREES FH				1	
- 20	761345	. THERMOSWITCH,N/C 120 DEGREES FH				1	
- 21	2152841	. . SCREW,FILLISTER HEAD 4-40 X1/2 1/4 LONG ATT PT				2	
- 22	2145026	. . NUT,DOUBLE CHAMFER,4-40 X 1/4 FL W ATT PT				2	
- 23	2152838	. . SPACER,PHENOLIC,.125 ID .250 OD X.180 LG				2	
- 24	2194003	. . CLIP-MOUNTING				1	
- 25	2227451	. CHIMNEY ASM				1	
- 26	816652	. . SEAL				2	
- 27	816653	. . CHIMNEY				1	
- 28	2227451	. CHIMNEY ASM				1	A
- 28	2209547	SEE INDEX NO.25 FOR BREAKDOWN . BOARD ASSEMBLY,A2 W/CARDS				1	B
- 28A	2209546	. . BOARD ASSEMBLY,A2 W/O CARDS (NBD)				1	
- 29	2209611	. BOARD ASSEMBLY,01A-B2 W/CARDS				1	
- 29A	2209610	. . BOARD ASSEMBLY,B2 W/O CARDS (NBD)				1	
- 30	2227451	. CHIMNEY ASM				AR	
- 30	2209549	SEE INDEX NO.25 FOR BREAKDOWN . BOARD ASSEMBLY,A3 W/CARDS				1	B
- 30A	2209548	. . BOARD ASSEMBLY,A3 W/O CARDS (NBD)				1	
- 30B	811482	. CROSSOVER ASM,BOARD TO BOARD FOR COMPONENTS SEE FIGURE 32				10	B
- 31	815224	. CLAMP ASSEMBLY				AR	
- 32	332560	. . SCREW ATT PT				2	
- 33	816649	. . CLIP ATT PT				2	
- 34	815220	. . BAR				1	
- 35	815219	. . SPACER				2	
- 36	813321	. . SPRING				1	
- 37	815217	. . PLATE-FRONT				1	
- 38	815167	. PLATE-BACK				AR	
- 39	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG ATT PT				AR	
- 40	811554	. STRAP ASSEMBLY,BUS				AR	
- 41	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG ATT PT				2	A
- 41	731626	. SCREW,PAN HEAD,6-32 X 0.25 LONG ATT PT				4	B
- 42	811553	. . PAD, FOAM				1	
- 43	811423	. . STRAP				1	
- 44	2209613	. BOARD ASSEMBLY,01A-B3 W/CARDS				1	
- 44A	2209612	. . BOARD ASSEMBLY,B3 W/O CARDS (NBD)				1	
- 45	2184184	. LAMINAR BUS ASSEMBLY				1	
- 46	811621	. . CROSSOVER ASM,BOARD TO BUS TO BOARD				15	
- 47	811530	FOR COMPONENTS SEE FIGURE 32-210B . . BUS ASSEMBLY,VERTICAL PARTS OF THIS ASM ARE NOT REPLACEABLE				1	

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
15 - 48	2184130	. . LABEL-LAMINAR BUS	1	
- 49	811476	. TERM BLOCK ASM,BUS 12 POSITION	1	
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 50	811536	. STANDOFF	2	
- 51	2191841	. PLENUM WELDMENT ASSEMBLY-GATE-CFC/TROS/	1	
- 52	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG ATT PT	8	
- 53	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT	8	
- 53A	2191842	. CLAMP-HINGE,LOWER	1	
- 54	2209619	. BOARD ASM,C3,W/CARDS	1	A
- 54	2209551	. BOARD ASM,C3,W/CARDS	1	B
- 54A	2209618	. . BOARD ASSEMBLY,C3 W/O CARDS	1	
		USED ON ASM 2209619 ONLY		
- 54A	2209550	. . BOARD ASSEMBLY,C3 W/O CARDS	1	
		USED ON ASM 2209551 ONLY		
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 55	813179	. CLAMP-BOARD	AR	
- 56	811417	. SCREW,HEX SOC, 6-32 X 0.500 LG ATT PT	AR	
- 57	2209617	. BOARD ASSEMBLY,01A-C2 W/CARDS, 2314 A ONLY	1	
- 57	2285713	. BOARD ASSEMBLY, 01A-C2 W/CARDS 2314B ONLY	1	
- 57A	2209616	. . BOARD ASSEMBLY,C2 W/O CARDS, 2314 A ONLY	1	
- 57A	2285712	. . BOARD ASSEMBLY, 01A-C2 W/O CARDS 2314B ONLY	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 58	811427	. RETAINER	35	
- 59	813519	. RETAINER,CABLE	4	
- 60	5802236	. CROSSOVER ASM, 22 SIGNAL	AR	
- 60	5802441	. CROSSOVER ASM	AR	
		ASM COMPONENTS ARE NOT REPLACEABLE		
- 62	811541	. BAFFLE-END	1	
- 63	438550	. SCREW,MACH-BIND HD 4-40 X 1/2 LG ATT PT	1	
- 64	2209615	. BOARD ASSEMBLY,01A-C1 W/CARDS	1	
- 64A	2209614	. . BOARD ASSEMBLY,C1 W/O CARDS	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 65	2191843	. CLAMP-HINGE,UPPER	1	
- 66	2191817	. HINGE-OUTER GATE	2	
- 67	19852	. SCREW,MACH-HEX HD 1/4-20 X 1 1/4 LG ATT PT	8	
- 68	117281	. NUT-STOP, 1/4-20 ATT PT	8	
- 69	811542	. BAFFLE-CENTER	1	
- 70	438550	. SCREW,MACH-BIND HD 4-40 X 1/2 LG ATT PT	1	
- 71	2191812	. FRAME-GATE	1	
- 72	2209609	. BOARD ASSEMBLY,01A-B1 W/CARDS	1	
- 72A	2209608	. . BOARD ASSEMBLY,B1 W/O CARDS	1	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE		
- 73	2194002	. BAFFLE-VERTICAL	AR	
		PARTS NOT INCLUDED WITH ASSEMBLY		
- 74	2211494	SHOE,CARD GATE	1	
- 75	140425	SCREW,MACH-HEX HD 10-32 X 5/16 LG ATT PT	2	
- 76	2125974	WASHER, INT TOOTH, .200 ID X .562 OD ATT PT	2	
- 77	811556	SHIELD ASM,INSULATOR AND - 12 POS	1	
- 78	10170	SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 79	811555	. SEAL	1	
- 80	811534	. SHIELD, 12 POSITION	1	
- 81	2191781	FAN ASSEMBLY,GATE 60 HZ	1	
- 81	2191782	FAN ASSEMBLY,GATE 50 HZ	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 16		
- 82	5319854	SCREW, SELF TAPPING, 8-32 X .375 LONG ATT PT	7	
- 83	2184104	FILTER-AIR	1	
- 84	2101376	STRAP-GROUND	1	
- 85	2181004	SCREW-HEX HD SELFTAP 10-32 X .375 LONG ATT PT	2	
- 86	2125974	WASHER, INT TOOTH, .200 ID X .562 OD ATT PT	4	
- 87	2250914	LABEL,CONTROL UNIT 2	1	
		USED WITH 2844 ATTACH FEA		
- 88	811481	SCREW	12	
		**** END OF LIST 15 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 15

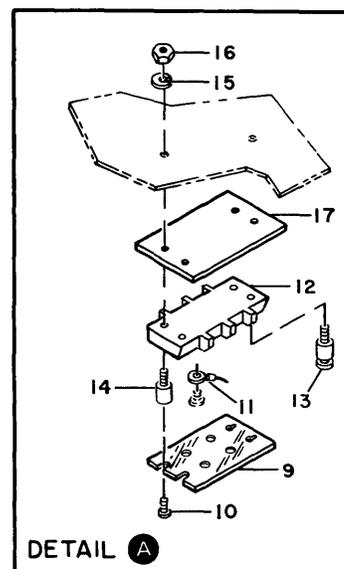
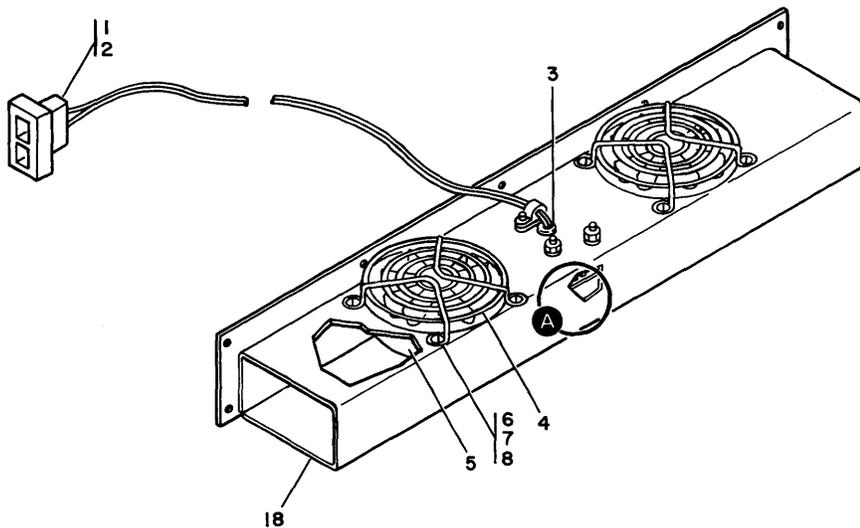


FIGURE 16. FAN ASSEMBLY, A GATE.
SEE LIST 16.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
16 -	2191781	BLOWER ASM,GATE 60 HZ	REF	
-	2191782	BLOWER ASM,GATE 50 HZ	REF	
		FOR NEXT HIGHER ASM SEE FIGURE 15-81		
- 1	725558	. COVER-CONNECTOR	1	
- 2	2145170	. TERMINAL,QUICK DISCONNECT- 16/18AWG	2	
- 3	450821	. GROMMET,5/16 I.D. X 13/16 O.D.X 5/16 THK	1	
- 4	2172166	. GUARD,FAN,60 HZ	2	
- 4	4103890	. GUARD,FAN,50 HZ	2	
- 5	5353877	. FAN 60 HZ	2	
- 5	4120211	. FAN 50 HZ	2	
- 6	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG,60 HZ ATT PT	8	
- 6	35739	. SCREW,MACH-BIND HD 6-32 X 15/16 LG,50 HZ ATT PT	8	
- 7	6364	. WASHER,LOCK-SPLIT NO. 6 X 1/4 OD,60 HZ ATT PT	8	
- 8	1115657	. SPACER,0.159 ID,0.312 OD,0.126 THICK,50 HZ ATT PT	8	
- 9	187467	. SHIELD, 2 POSITION	1	
- 10	210984	. SCREW,MACH RH 6-32 X .25 ATT PT	1	
- 11	334910	. TERMINAL-LUG NO.16 THRU NO.14 WIRE	2	
- 11	334921	. TERMINAL-LUG NO.22 THRU NO.18 WIRE INSUL	4	
- 12	80817	. TERMINAL BLOCK, 2 POSITION	1	
- 13	2125899	. STUD, SHIELD MOUNTING, 6-32 X 1.237 LG ATT PT	1	
- 14	2125898	. STUD, TAPPED MOUNTING, 6-32 X 1.087 LG ATT PT	1	
- 15	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT	2	
- 16	257187	. NUT,HEX 6-32 NC ATT PT	2	
- 17	507446	. INSULATOR, TERMINAL STRIP	1	
- 18	2191783	. HOUSING-GATE FAN,DOMESTIC	1	
- 18	4056356	. HOUSING-GATE FAN,WTC	1	
		**** END OF LIST 16 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

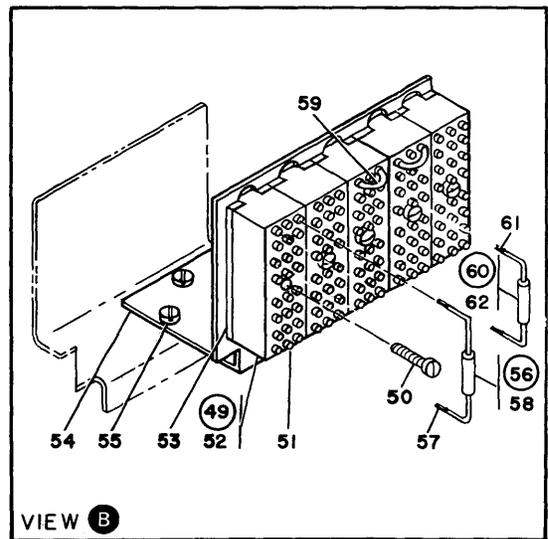
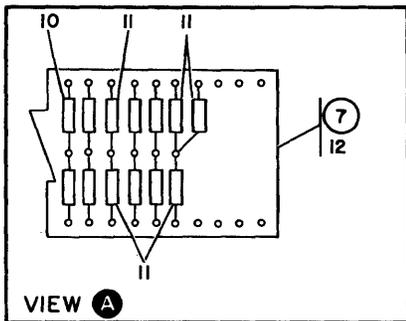
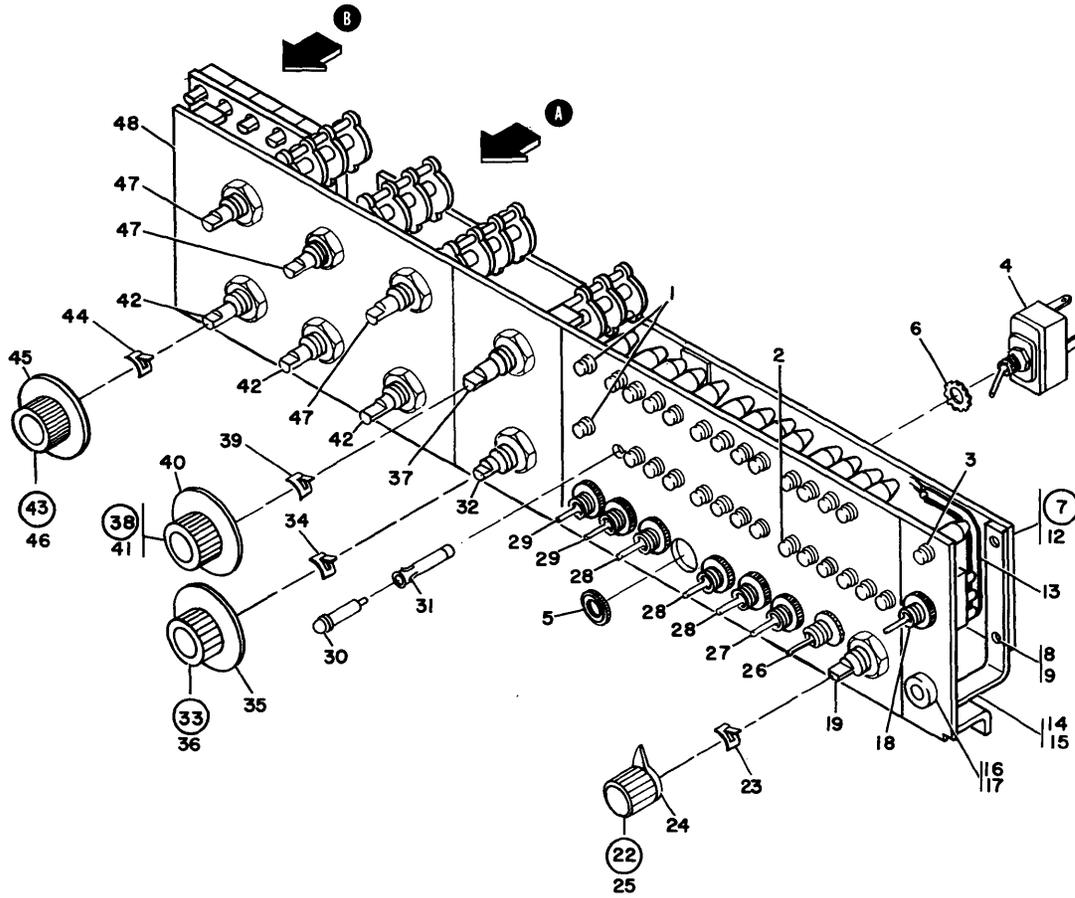


FIGURE 17. CE PANEL ASSEMBLY.
SEE LIST 17.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
		CODE A USED W/AIRLINES BUFFER FEA ONLY CODE B USED W/2 CHANNEL SWITCH FEA ONLY					
17 -	2218880	CE PANEL ASSEMBLY				REF	
- 1	5353883	FOR NEXT HIGHER ASM SEE FIGURE 2-44 . INDICATOR ASSEMBLY, AMBER, 3 VOLT				1	
- 2	5353890	ASSEMBLY COMPONENTS ARE NOT REPLACEABLE . INDICATOR ASM, RED, 3V ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				6	
- 3	5440629	. INDICATOR ASM, 3V-GREEN ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				1	
- 4	738829	. SWITCH, TOGGLE, DPDT, MOMENTARY				1	
- 5	179744	. NUT, PLAIN, RD- 15/32-32 X 39/64 DIA				9	
- 6	159373	. WASHER, LOCK-EXT TEETH 15/32 ID X 3/4 OD				9	
- 7	2218903	. TERMINAL BOARD ASSEMBLY-CE PANEL				1	
- 8	801451	. SCREW AND LOCKWASHER				6	
- 9	257986	. WASHER, 0.156 ID X 0.035 THK				6	
- 10	334987	. . RESISTOR, FXD 180 OHMS P/M 5% 1W				70	
- 11	492457	. . DIODE, TYPE AG				5	
- 12	2184126	. . TERMINAL BOARD ASSEMBLY-CE PANEL ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				1	
- 13	2218887	. CABLE ASSEMBLY-CE PANEL JUMPER FOR COMPONENTS SEE FIG 32				1	
- 14	2218918	. BRACKET-PANEL, TERMINAL BOARD				3	
- 15	801451	. SCREW AND LOCKWASHER				6	
- 16	2109037	. JACK-BANANA				1	
- 17	"COMM."	. NUT, 0.312-32				1	
- 18	2218908	. SWITCH, TOGGLE, DPDT, CENTER ACTION				1	
- 19	2218886	. SWITCH, ROTARY-5 POLE 3 POSITION				1	
- 22	2227526	. KNOB ASM, C.G. MODE				1	
- 23	482195	. . SPRING-CONTROL KNOB				1	
- 24	2227525	. . KNOB, CE MODE				1	
- 25	2227524	. . CAP, KNOB				1	
- 26	738826	. SWITCH, TOGGLE, SPDT MAINTAINED				1	
- 27	483523	. SWITCH, TOGGLE-DPDT				1	
- 28	738828	. SWITCH, TOGGLE				3	
- 29	483531	. SWITCH, TOGGLE-DPDT				2	
- 30	5353889	. INDICATOR ASM, CLEAR, 3V ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				21	
- 31	5353887	. HOUSING, LAMP				30	
- 32	2184122	. SWITCH, ROTARY-OPEN WAFER				1	
- 33	2250912	. KNOB ASM, REGISTER				1	
- 34	482195	. . SPRING-CONTROL KNOB				1	
- 35	2250911	. . KNOB, REGISTER				1	
- 36	2227524	. . CAP, KNOB				1	
- 37	2218900	. SWITCH, ROTARY-OPEN WAFER				1	
- 38	2250910	. KNOB ASM, MODE				1	
- 39	482195	. . SPRING-CONTROL KNOB				1	
- 40	2250909	. . KNOB, MODE				1	
- 41	2227524	. . CAP, KNOB				1	
- 42	2194055	. SWITCH, ROTARY- 2WFR				3	
- 43	2227522	. KNOB ASM, ADDRESS				6	
- 44	482195	. . SPRING-CONTROL KNOB				1	
- 45	2227523	. . KNOB, ADDRESS				1	
- 46	2227524	. . CAP, KNOB				1	
- 47	2184123	. SWITCH, ROTARY-OPEN WAFER				3	
- 48	2218881	. PANEL-CE				1	
- 49	302090	. TERMINAL BLOCK ASM-24 FEMALE CONTACTS				3	
- 49	302090	. TERMINAL BLOCK ASM, 24 FEMALE CONTACTS				4	A
- 49	302090	. TERMINAL BLOCK ASM, 24 FEMALE CONTACTS				5	B
- 50	438550	. SCREW, MACH-BIND HD 4-40 X 1/2 LG				AR	
- 51	302089	. . CONTACT, 3 POS COMMON				8	
- 52	302088	. . BLOCK, TERMINAL				1	
- 53	302131	. STRIP-TERMINAL BLOCK INSULATOR				AR	
- 54	2218894	. BRACKET-CE TERMINAL BLOCK				1	
- 55	801451	. SCREW AND LOCKWASHER				2	
- 56	520410	. RESISTOR ASM, FXD, 110 OHMS P/M 5% 1WATT				2	
- 56	520410	. RESISTOR ASM, FXD, 110 OHMS P/M 5% 1 WATT				3	A
- 57	320167	. . TERMINAL, QUICK DISCONNECT-NONINS 16AWG				2	
- 58	335012	. . RESISTOR, FIXED COMP 110 OHM 5% 1 WATT				1	
- 59	205331	. JUMPER-RELAY GATES UNIT 1/8 BRASS				3	
- 59	205329	. JUMPER, BRASS 3/16				1	A
- 60	603541	. CAPACITOR ASM				1	
- 61	320167	. . TERMINAL, QUICK DISCONNECT-NON INS 16AWG				2	
- 62	535299	. . CAPACITOR, 0.1 MFD P/M 10%, 100VDC				1	
		**** END OF LIST 17 ****					

FOR PARTS
NOT SHOWN
SEE FIG. 2

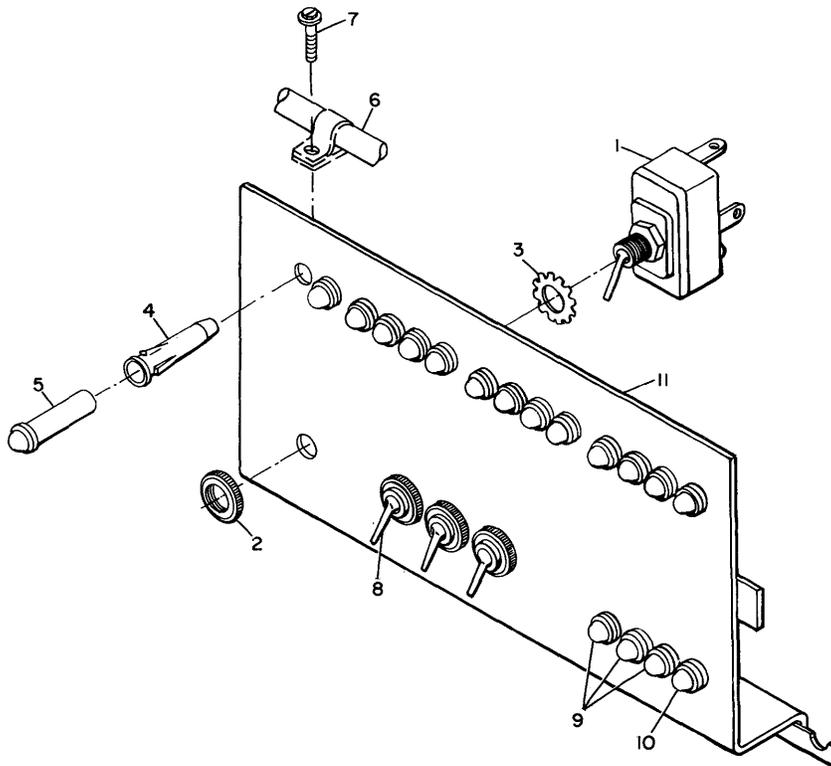


FIGURE 18. CE BUFFER PANEL ASSEMBLY.
SEE LIST 18.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
18 -	2218811	CE BUFFER PANEL ASM FOR NEXT HIGHER ASM SEE FIGURE 2-152				REF	
- 1	738826	. SWITCH, TOGGLE, SPDT MAINTAINED				3	
- 2	179744	. NUT, PLAIN, RD- 15/32-32 X 39/64 DIA				4	
- 3	159373	. WASHER, LOCK-EXT TEETH 15/32 ID X 3/4 OD				4	
- 4	5353887	. HOUSING, LAMP				18	
- 5	5353889	. INDICATOR ASM, CLEAR, 3V ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				14	
- 6	2218936	. CABLE ASM, CE PANEL FOR COMPONENTS SEE FIGURE 32				1	
- 7	2181605	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG				1	
- 8	738828	. SWITCH, TOGGLE				1	
- 9	5353883	. INDICATOR ASSEMBLY, AMBER, 3 VOLT ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				3	
- 10	5353890	. INDICATOR ASM, RED, 3V ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				1	
- 11	2218933	. PANEL				1	
		**** END OF LIST 18 ****					

FOR PARTS
NOT SHOWN
SEE FIG. 2

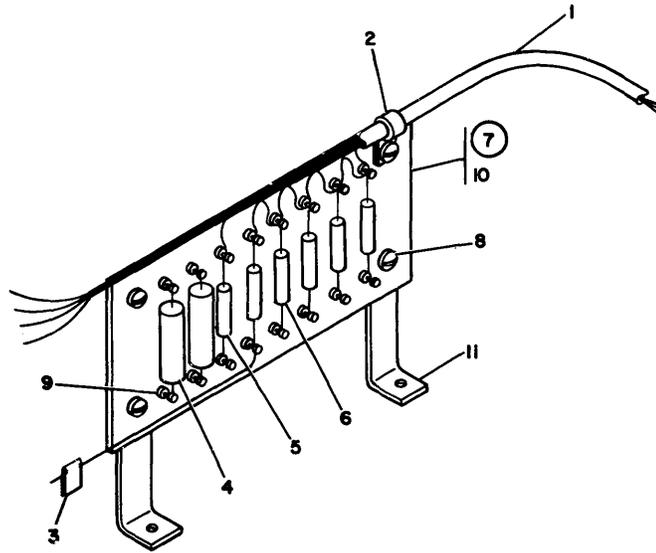
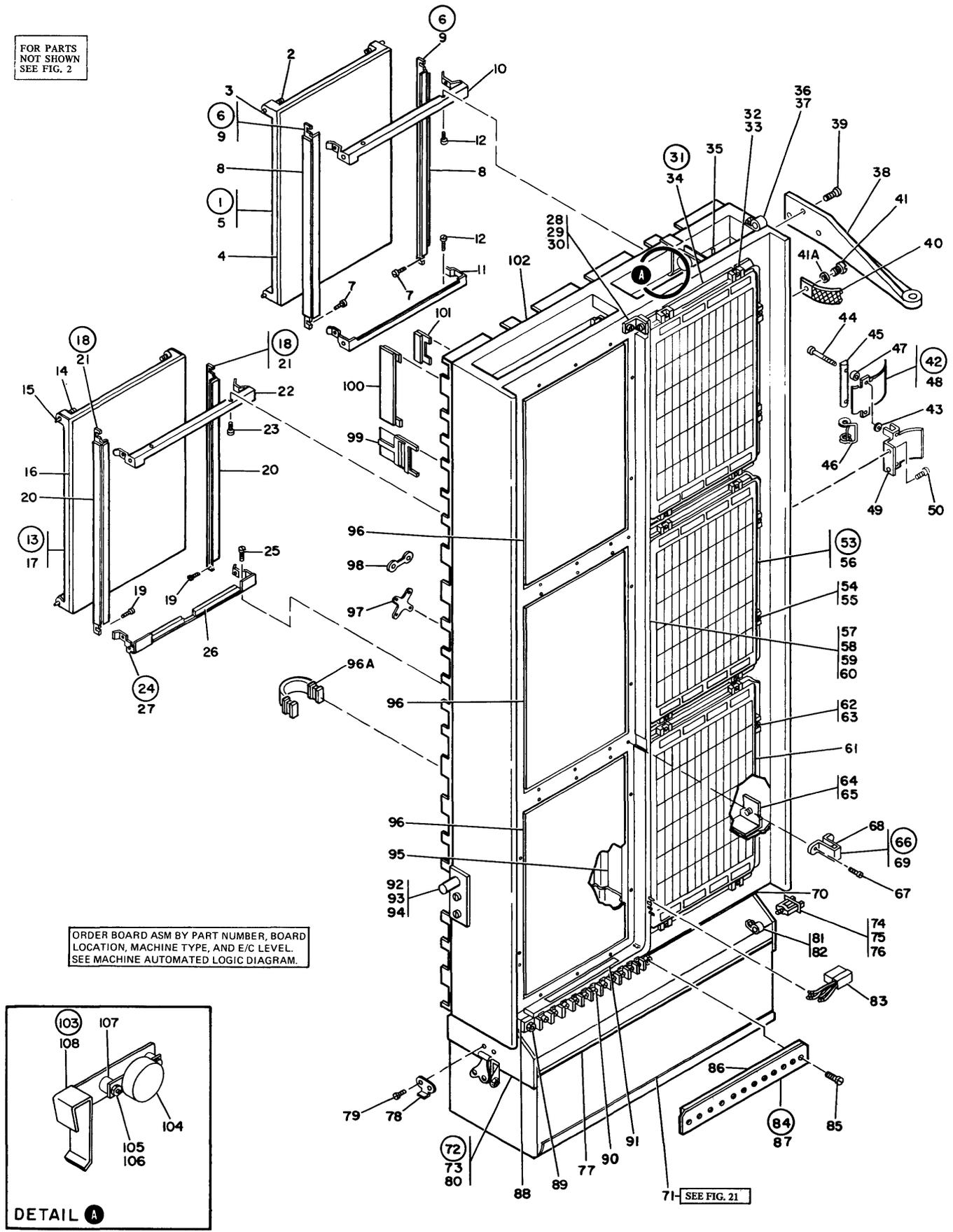


FIGURE 19. REMOTE SWITCH PANEL ASSEMBLY.
SEE LIST 19.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
19 -	2218966	REMOTE SWITCH ASM USED WITH 2 CHANNEL SWITCH FEATURE ONLY FOR NEXT HIGHER ASSEMBLY SEE FIG 2-157				REF	
- 1	2194074	. CABLE ASM-REMOTE SWITCH CONTROL FOR COMPONENTS SEE FIG 32-9, 70B				1	
- 2	356742	. CLAMP, LOOP-0.250 ID 0.177 DIA MTG HOLE				1	
- 3	2111210	. LABEL, IDENTIFICATION-WIRE MARKING				1	
- 4	222077	. CAPACITOR, 6.8MF, PM 20%				2	
- 5	317004	. RESISTOR, FXD COMP, 120 OHMS P/M 5% 0.5 W				2	
- 6	333202	. RESISTOR, FXD, COMP-240 OHMS P/M 5% 1/2W				4	
- 7	2194075	. TERMINAL BOARD ASSEMBLY-REMOTE SWITCH				1	
- 8	251970	. SCREW, MACH, BH. 4-40 X 0.25 LONG				4	
- 9	2193976	. . TERMINAL-FEED THRU				16	
- 10	2194071	. . TERMINAL BOARD				1	
- 11	2194072	. BRACKET ***** END OF LIST 19 *****				2	

FOR PARTS
NOT SHOWN
SEE FIG. 2



ORDER BOARD ASM BY PART NUMBER, BOARD
LOCATION, MACHINE TYPE, AND E/C LEVEL.
SEE MACHINE AUTOMATED LOGIC DIAGRAM.

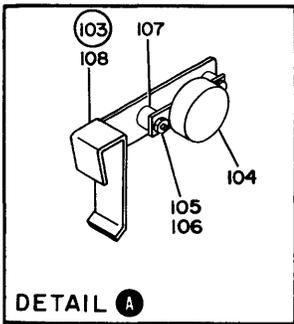


FIGURE 20. B GATE ASSEMBLY.
SEE LIST 20.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
20 -	2218819	B GATE ASSEMBLY, 60 HZ	REF	
-	2218820	B GATE ASSEMBLY, 50 HZ	REF	
		FOR NEXT HIGHER ASM SEE FIGURE 2-151		
- 1	811867	. CARD COVER ASSEMBLY	2	
- 2	815963	. . CATCH-PULL	4	
- 3	815964	. . CATCH	4	
- 4	815263	. . FOAM	1	
- 5	811866	. . COVER	1	
- 6	811881	. RETAINER ASSEMBLY	4	
- 7	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG ATT PT	8	
- 8	811441	. . SEAL	1	
- 9	811896	. . RETAINER	1	
- 10	811853	. BRACKET-HINGE	2	
- 11	811852	. BRACKET-HINGE	2	
- 12	734483	. SCREW, PAN HD- 6-32 X 0.380 LG	8	
- 13	2194920	. CARD COVER ASSEMBLY-MEMORY 1.25	1	
- 14	815963	. . CATCH-PULL	4	
- 15	815964	. . CATCH	4	
- 16	2190834	. . BACKING, FOAM	1	
- 17	2194930	. . COVER, MEMORY 1.25 RACEWAY	1	
- 18	2194975	. RETAINER ASM	2	
- 19	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG ATT PT	4	
- 20	811441	. . SEAL	2	
- 21	2194976	. . BAR, CABLE RETAINER-MEMORY	1	
- 22	811853	. BRACKET-HINGE	1	
- 23	734483	. SCREW, PAN HD- 6-32 X 0.380 LG ATT PT	2	
- 24	2194921	. BRACKET ASM, HINGE LOWER-MEMORY 1.25	1	
- 25	734483	. SCREW, PAN HD- 6-32 X 0.380 LG ATT PT	2	
- 26	2194938	. . SEAL, LOWER HINGE-MEMORY	1	
- 27	2194936	. . BRACKET, HINGE LOWER-MEMORY	1	
- 28	811742	. SUPPORT, BUS	1	
- 29	811426	. SCREW, MACH-PAN HD 6-32 X 3/8 IN. LG ATT PT	1	
- 30	257986	. WASHER, 0.156 ID X 0.035 THK ATT PT	1	
- 31	2209453	. BOARD ASSEMBLY, WITH CARDS	1	
- 32	813179	. CLAMP-BOARD ATT PT	8	
- 33	811417	. SCREW, HEX SOC, 6-32 X 0.500 LG ATT PT	8	
- 34	2209542	. . BOARD ASSEMBLY, A1 W/O CARDS ASSEMBLY COMPONENTS ARE NOT REPLACEABLE	1	
- 35	811442	. SEAL, FOAM, 0.38 X 0.25 X 12.25 LG	6	
- 36	2102365	. CLAMP, LOOP- 0.330 ID X 0.170 DIA MTG HOLE	1	
- 37	2181005	. SCREW-HEX HD SELFTAP 6-32 X .375 LONG ATT PT	1	
- 38	2218937	. HINGE	2	
- 39	5353301	. SCREW-THREAD FORMING, HEX. WASHER HEAD ATT PT	6	
- 40	2129396	. STRAP, GROUND, 1 INCH X 14 1/2 INCHES	1	
- 41	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG ATT PT	1	
- 41A	56079	. WASHER, LOCK EXT TEETH, NO.10 X 0.20 TH	1	
- 42	815224	. CLAMP ASSEMBLY	1	
- 43	815210	. . RING, RETAINING	2	
- 44	815173	. . SCREW	2	
- 45	815220	. . BAR	1	
- 46	813321	. . SPRING	1	
- 47	815219	. . SPACER	2	
- 48	815217	. . PLATE-FRONT	1	
- 49	815167	. PLATE-BACK	1	
- 50	2181004	. SCREW-HEX HD SELFTAP 10-32 X .375 LONG ATT PT	2	
- 53	2209545	. BOARD ASM, A2 WITH CARDS	1	
- 54	813179	. CLAMP-BOARD ATT PT	8	
- 55	811417	. SCREW, HEX SOC, 6-32 X 0.500 LG ATT PT	8	
- 56	2209544	. . BOARD ASSEMBLY, A2 W/O CARDS	1	
- 57	811530	. BUS ASSEMBLY, VERTICAL ASSEMBLY COMPONENTS ARE NOT REPLACEABLE	1	
- 58	438550	. SCREW, MACH-BIND HD 4-40 X 1/2 LG ATT PT	1	
- 59	257985	. WASHER, FL-NO. 4 0.25 OD X 0.028 TH ATT PT	1	
- 60	37913	. NUT, HEX 4-40 NC ATT PT	1	
- 61	2510223	. BOARD ASM, A3 ASSEMBLY COMPONENTS ARE NOT REPLACEABLE	1	
- 62	813179	. CLAMP-BOARD ATT PT	8	
- 63	811417	. SCREW, HEX SOC, 6-32 X 0.500 LG ATT PT	8	
- 64	811541	. BAFFLE-END	1	
- 65	251970	. SCREW, MACH, BH. 4-40 X 0.25 LONG ATT PT	1	
- 66	811554	. STRAP ASSEMBLY, BUS	2	
- 67	811426	. SCREW, MACH-PAN HD 6-32 X 3/8 IN. LG ATT PT	4	
- 68	811553	. . PAD, FOAM	1	
- 69	811423	. . STRAP	1	
- 70	2157643	. SEAL	AR	
- 71	5357002	. COOLING UNIT ASM, 60 HZ	1	
- 71	5357003	. COOLING UNIT ASM, 50 HZ	1	
		FOR DETAIL BREAKDOWN SEE FIGURE 21		

FOR PARTS
NOT SHOWN
SEE FIG. 20

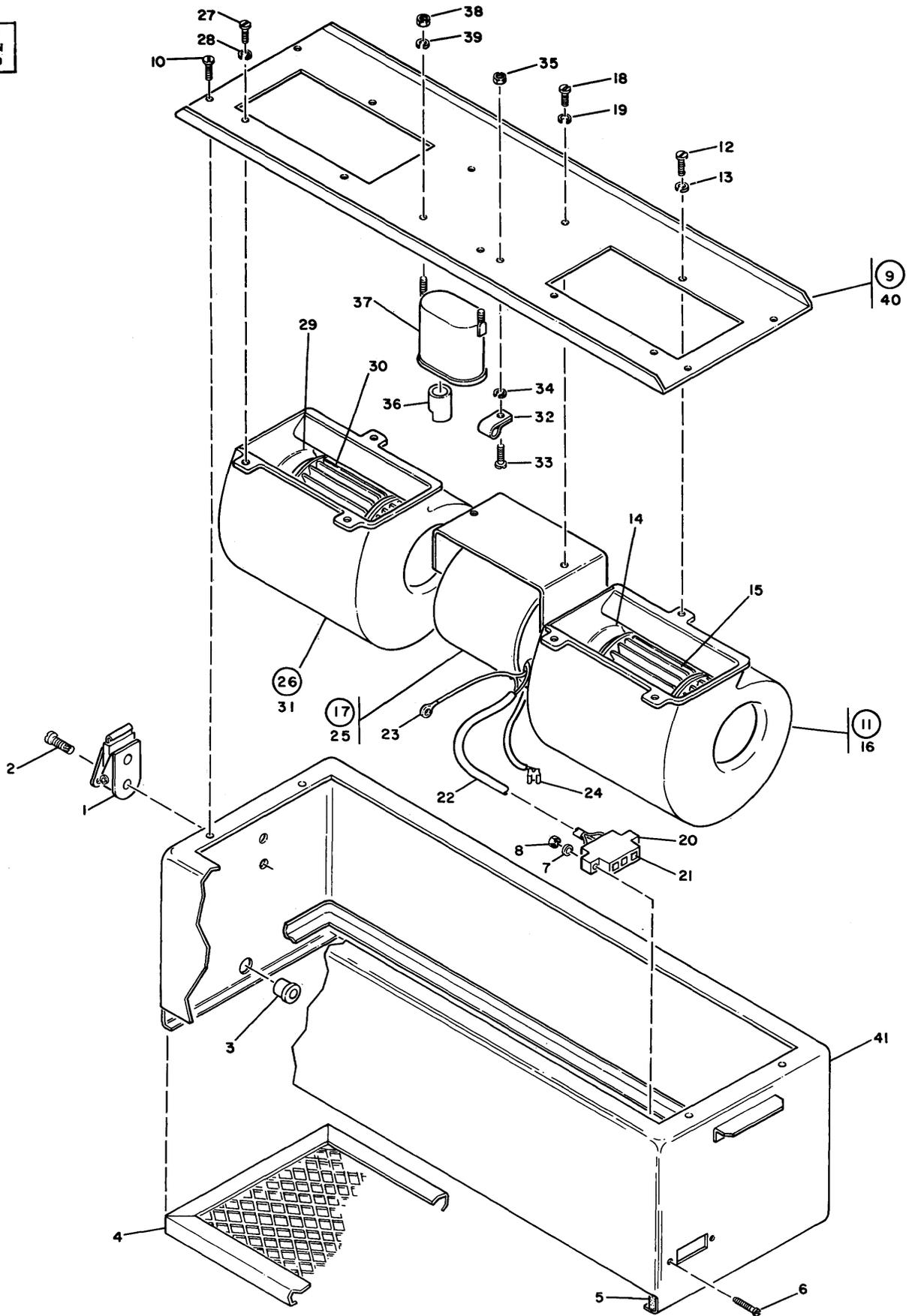


FIGURE 21. BLOWER ASSEMBLY, B GATE.
SEE LIST 21

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE ON CODE
			PER ASM.	
21-	5357002	COOLING UNIT ASM,60 HZ	REF	
-	5357003	COOLING UNIT ASM,50 HZ	REF	
		FOR NEXT HIGHER ASM SEE FIGURE 20-71		
- 1	5349888	. LATCH	1	
- 2	5357136	. SCREW,PAN HD 4-40 X 0.187 THK	2	
- 3	5357135	. CATCH	1	
- 4	5357013	. FILTER-AIR	1	
- 5	599557	. SEAL	AR	
- 6	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG	2	
- 7	56722	. WASHER-LOCK,EXT T, .150 ID	2	
- 8	257187	. NUT,HEX 6-32 NC	2	
- 9	5357005	. BLOWER ASM,60 HZ	253854B 10-64	1
- 9	5357006	. BLOWER ASM,50HZ		1
- 10	740501	. SCREW,MACH-HEX HD 6-32 X 1/4 LG	ATT PT	4
- 11	5357144	. . SCROLL AND WHEEL ASM,60 HZ	253845 09-64	1
- 11	5357146	. . SCROLL AND WHEEL ASM,50HZ		A
- 12	81693	. . SCREW,MACH-BIND HD 6-32 X 3/8 LG	ATT PT	3
- 13	56722	. . WASHER-LOCK,EXT T, .150 ID	ATT PT	3
- 14	5357141	. . . BELL MOUTH,SCROLL M G,60HZ		1
- 15	5357025	. . . WHEEL ASM,BLOWER-60 HZ		1
- 15	5357028	. . . WHEEL ASM,BLOWER-50HZ		A
- 16	5357140	. . . SCROLL-60HZ		1
- 17	5357020	. . . MOTOR AND CONNECTOR ASSEMBLY		1
- 18	130434	. . . SCREW-MACH,SLOTTED HEX HD NO.10-32 X.375	ATT PT	3
- 19	56722	. . . WASHER-LOCK,EXT T, .150 ID	ATT PT	3
- 20	5353853	. . . HOUSING		1
- 21	5353854	. . . CONTACT, MALE 16-20 WIRE		3
- 22	253569	. . . INSULATION SLEEVING,ELEC- 0.375 ID		AR
- 23	253740	. . . TERMINAL,LUG-INS 10-12AWG NO.6 MTG HOLE		1
- 24	517913	. . . CLIP, SLIP ON NO 18-16 AWG		3
- 25	5357021	. . . MOTOR ASM,3350RPM,0.06 HP SP 50/60 HZ		1
- 26	5357145	. . . SCROLL AND WHEEL ASSEMBLY-60 HZ		1
- 26	5357147	. . . SCROLL AND WHEEL ASSEMBLY,50 HZ		1
- 27	81693	. . . SCREW,MACH-BIND HD 6-32 X 3/8 LG	ATT PT	3
- 28	56722	. . . WASHER-LOCK,EXT T, .150 ID	ATT PT	3
- 29	5357141	. . . BELL MOUTH,SCROLL MTG,60 HZ		1
- 30	5357024	. . . WHEEL ASM,BLOWER-60HZ		1
- 30	5357027	. . . WHEEL ASM,BLOWER-50 HZ		1
- 31	5357140	. . . SCROLL-60HZ		1
- 32	804109	. . . CLAMP,LOOP- 3/8 ID 0.173 DIA MTG HOLE		1
- 33	81693	. . . SCREW,MACH-BIND HD 6-32 X 3/8 LG		1
- 34	56722	. . . WASHER-LOCK,EXT T, .150 ID		1
- 35	257187	. . . NUT,HEX 6-32 NC		1
- 36	526378	. . . CAP		2
- 37	5357137	. . . CAPACITOR,P DIELEC- 3UUF PM 10% 370V AC		1
- 38	11598	. . . NUT,HEX,10-32 X 0.375 FL W		2
- 39	56079	. . . WASHER-LOCK,EXT T .204 ID .410 OD		2
- 40	5357012	. . . PLATE-DUPLEX MOUNTING		1
- 41	5357011	. HOUSING-DUPLEX BLOWER		1
		**** END OF LIST 21 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 2

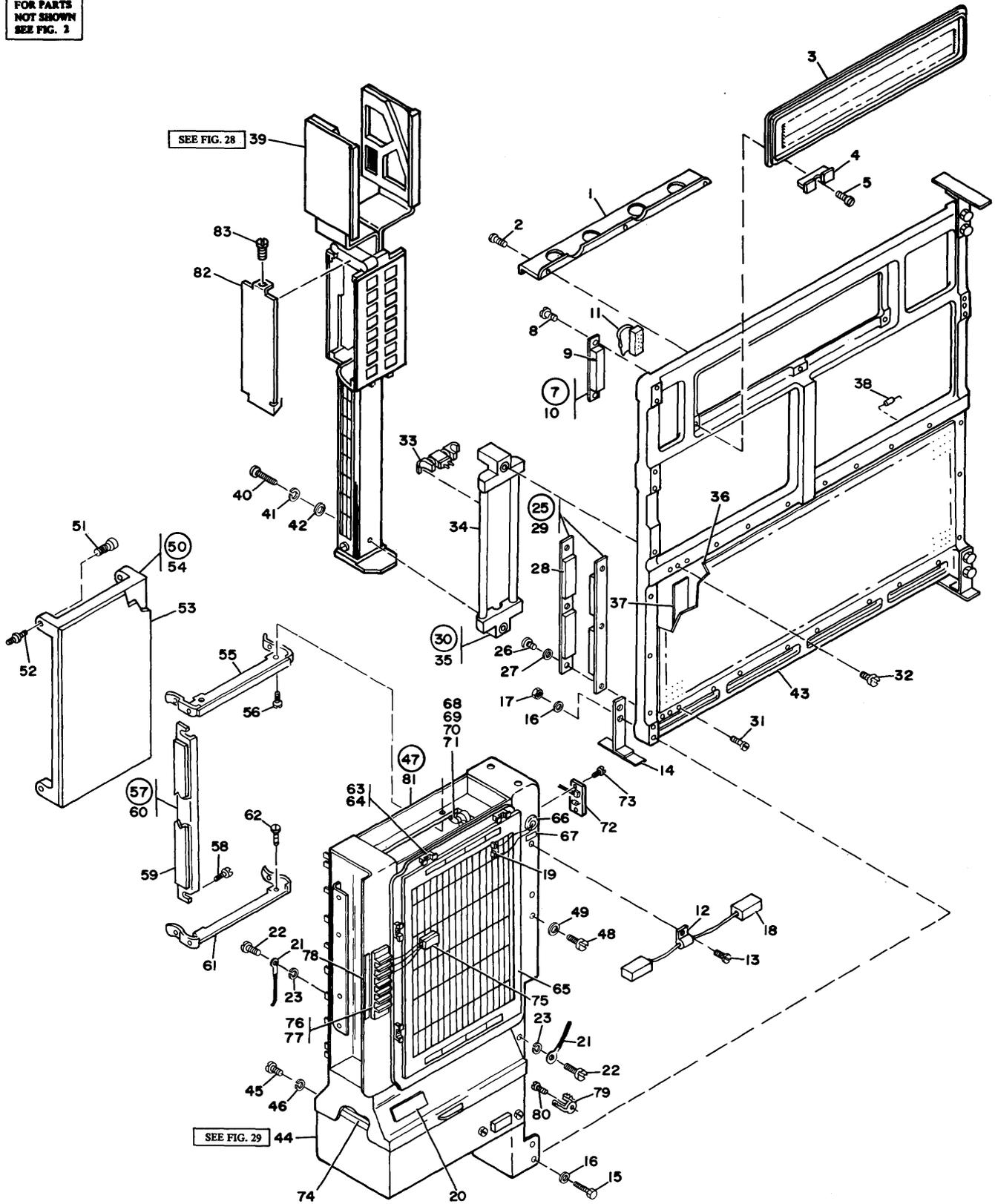


FIGURE 22. 2K TROS GATE ASSEMBLY.
SEE LIST 22.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
22 -	2267940	TROS GATE ASM, 2 K, 60 HZ	REF	
-	2267939	TROS GATE ASM, 2 K, 50 HZ	REF	
		USED W/2 TIMING CARDS USED WITHOUT 2844 AND AIRLINES BUFFER FOR NEXT HIGHER ASM SEE FIGURE 2-102		
- 1	5374337	. BRACKET	1	
- 2	2181071	. SCREW, MACH, PAN HD, 6-32 X 0.50 LONG	ATT PT	3
- 3	768212	. BOARD ASM, PERS, COMMONING		1
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 4	813179	. CLAMP-BOARD		6
- 5	767616	. SCREW	ATT PT	6
- 7	5374670	. RETAINER ASM		1
- 8	381741	. SCREW, THREAD FORM-PAN HD 8-32 X 3/8 LG	ATT PT	2
- 9	5352800	. . PAD-INSULATING		1
- 10	5374669	. . RETAINER		1
- 11	5802225	. CABLE ASM		4
- 12	357433	. CLAMP, LOOP- 0.187 ID 0.203 DIA MTG HOLE		1
- 13	55726	. SCREW, MACH-BIND HD 6-32 X .188 LG	ATT PT	1
- 14	5374120	. BRACKET-TROS MOUNTING		3
- 15	59648	. SCREW-LOWER BRACKET	ATT PT	6
- 16	65756	. LOCKWASHER	ATT PT	12
- 17	3960	. NUT, PLAIN, HEX- 1/4-20 X 7/16 FL W	ATT PT	6
- 18	5374112	. CROSS OVER ASSEMBLY		1
- 19	813197	. HOUSING-TERMINAL		2
- 20	5349534	. NAMEPLATE-VOLTAGE AND CURRENT		1
- 21	742582	. JUMPER ASSEMBLY		2
- 22	186759	. SCREW, MACH-BIND HD 8-32 X 5/16 LG	ATT PT	4
- 23	55901	. WASHER, LOCK, EXT TEETH - .176 DIA	ATT PT	4
- 25	767629	. BRACKET ASM, STRAIN RELIEF		2
- 26	2181003	. SCREW, MACH-PAN HD THD FRMNG NO. 6-32	ATT PT	3
- 27	62031	. WASHER, LOCK-INT TEETH NO. 6 X 0.295 OD	ATT PT	3
- 28	742534	. . SEAL, RUBBER, BULK 0.38 X 0.19		2
- 29	767632	. . BRACKET		1
- 30	5352467	. BANK ASSEMBLY-CORE CARRIER		8
- 31	19944	. SCREW, MACH-BIND HD 8-32 X 3/4 LG	ATT PT	8
- 32	321483	. SCREW, MACH-BIND HD 8-32 X 1 LG	ATT PT	8
- 33	742461	. . I CORE CARRIER ASSEMBLY		24
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 34	742460	. . ROD		2
- 35	742466	. . BLOCK ASSEMBLY		2
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 36	5806713	. PANEL ASM, SENSE		1
- 37	767639	. MARKER STRIP		1
- 38	492615	. RESISTOR, FXD, COMP-200 OHM P/M 5 PCT 1/4W		48
- 39	NO NUMBER	. TAPE DECK ASM, TROS FOR PART NO. AND MODULE LOCATION SEE CLD'S, VOLUME 1, QA070-2250865 FOR DETAIL BREAKDOWN SEE FIGURE 28		8
- 40	438568	. SCREW, MACH-UNDRCT BIND HD 6-32 X 1-1/8	ATT PT	16
- 41	56722	. WASHER-LOCK, EXT T, .150 ID	ATT PT	16
- 42	257986	. WASHER, 0.156 ID X 0.035 THK	ATT PT	16
- 43	5349561	. GATE		1
		PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 44	5374371	. FAN ASM, GATE, 60 CYCLE		1
- 44	5374370	. FAN ASM, GATE, 50 CYCLE		1
		FOR DETAIL BREAKDOWN SEE FIGURE 29		
- 45	28413	. SCREW, MACH-BIND HD 10-32 X 5/16 LG	ATT PT	2
- 46	56121	. WASHER, LOCK-INT TEETH NO. 10 X 0.381 OD	ATT PT	2
- 47	767746	. FRAME ASM, 2K TROS		1
- 48	59648	. SCREW, HEX HD 250-20 X 1.750 LG	ATT PT	2
- 49	65756	. LOCKWASHER	ATT PT	2
- 50	811865	. . COVER ASM, CARD		1
- 51	815963	. . . CATCH-PULL		4
- 52	815964	. . . CATCH		4
- 53	815263	. . . BACKING, FOAM		1
- 54	811864	. . . COVER, MEMORY CARD		1
- 55	811851	. . BRACKET-HINGE-UPPER		1
- 56	811426	. . SCREW, MACH-PAN HD 6-32 X 3/8 IN. LG	ATT PT	2
- 57	811881	. . RETAINER ASM		2
- 58	55726	. . SCREW, MACH-BIND HD 6-32 X .188 LG	ATT PT	4
- 59	811441	. . . SEAL		1
- 60	811896	. . . RETAINER		1
- 61	811850	. . BRACKET-HINGE-LOWER		1
- 62	811426	. . SCREW, MACH-PAN HD 6-32 X 3/8 IN. LG	ATT PT	2
- 63	813179	. . CLAMP-BOARD		8
- 64	811417	. . SCREW, HEX SOCKET H- 6-32 X 1/2 LG	ATT PT	8
- 65	767749	. . BOARD ASSEMBLY, W/CARDS		1
		ASSEMBLY COMPONENTS ARE NOT AVAILABLE		

FOR PARTS
NOT SHOWN
SEE FIG. 2

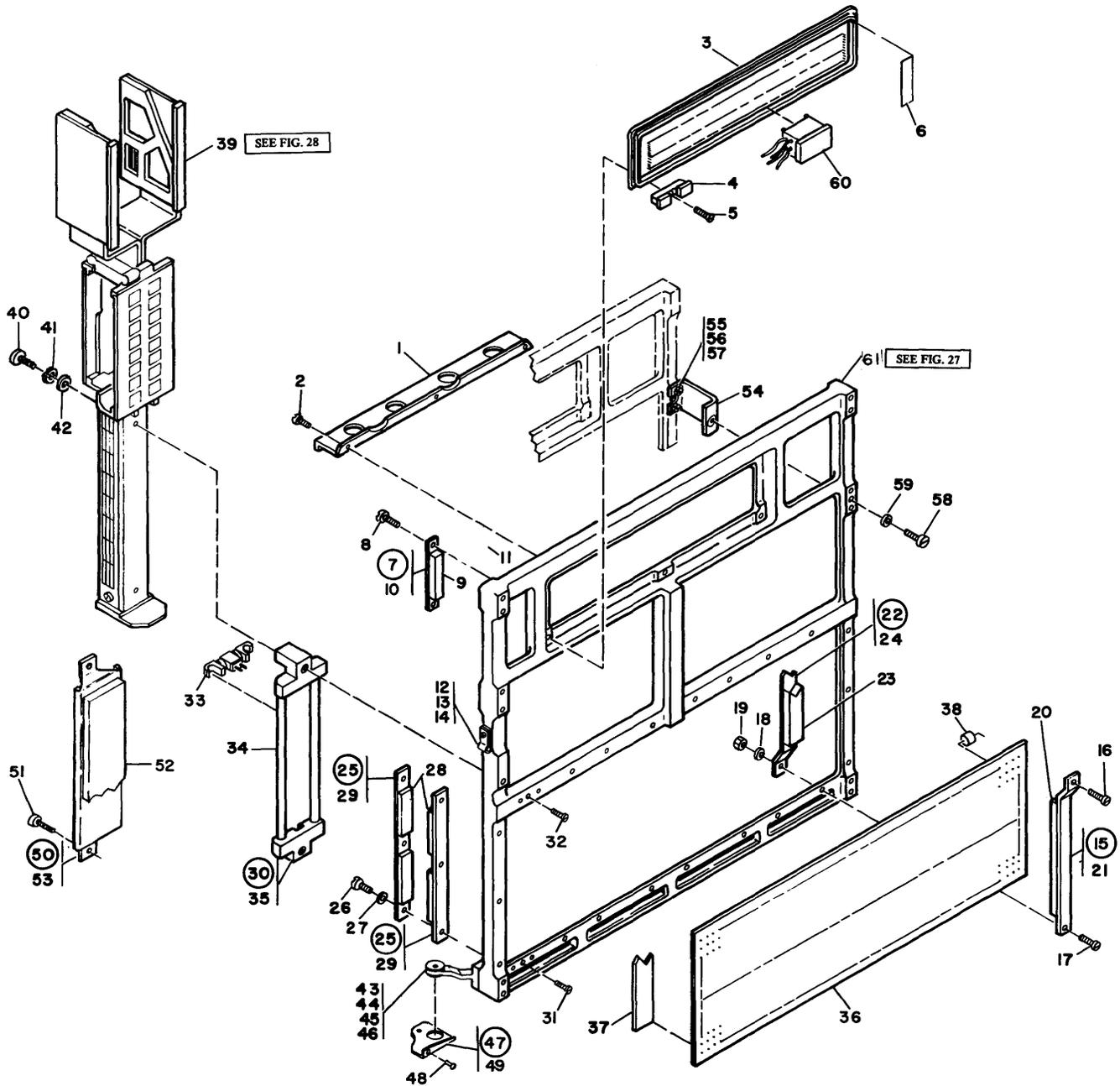


FIGURE 23. TROS C GATE ASSEMBLY.
SEE LIST 23.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
23 -		CODE A USED ON GATES W/2 TIMING CARDS CODE B USED ON GATES W/4 TIMING CARDS					
-	2267952	TROS C GATE ASM,7 BANK				REF	A
-	2267953	TROS C GATE ASM,2 BANK				REF	A
-	2218913	TROS C GATE ASM,2 BANK				REF	B
-	2218914	TROS C GATE ASM,7 BANK FOR NEXT HIGHER ASM SEE FIGURE 2-188				REF	B
- 1	5374337	. BRACKET				1	A
- 2	2181071	. SCREW,MACH,PAN HD,6-32 X 0.50 LONG ATT PT				3	
- 3	768212	. BOARD ASM,PERS,COMMONING				1	A
- 3	5352798	. BOARD ASM,PERS,COMMONING				1	A
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE					
- 4	813179	. CLAMP-BOARD				6	A
- 5	767616	. SCREW ATT PT				6	
- 6	5374661	. LABEL				1	
- 7	5374670	. RETAINER ASM				1	A
- 8	381741	. SCREW,THREAD FORM-PAN HD 8-32 X 3/8 LG ATT PT				2	
- 9	5352800	. . PAD-INSULATING				1	
- 10	5374669	. . RETAINER				1	
- 12	357433	. CLAMP,LOOP- 0.187 ID 0.203 DIA MTG HOLE				2	
- 13	2191846	. SCREW,THD FORMING,4-40 X 0.50 LG ATT PT				2	
- 14	257986	. WASHER,0.156 ID X 0.035 THK ATT PT				2	
- 15	767627	. SUPPORT ASM,OUTER				1	A
- 16	438588	. . SCREW,MACH-UNDRCT BIND HD 8-32 X 1-1/4 ATT PT				1	A
- 17	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG ATT PT				1	A
- 18	60646	. WASHER,LOCK-INT TEETH NO. 8 X 0.340 OD ATT PT				2	A
- 19	257189	. NUT,HEX 8-32 ATT PT				2	A
- 20	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19				1	
- 21	767631	. . SUPPORT,OUTER				1	
- 22	767626	. SUPPORT ASM,INNER				1	A
- 23	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19				1	
- 24	767630	. . SUPPORT,INNER				1	
- 25	767629	. BRACKET ASM,STRAIN RELIEF				2	A
- 26	2181003	. SCREW,MACH-PAN HD THD FRMNG NO. 6-32 ATT PT				3	
- 27	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD ATT PT				3	
- 28	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19				2	
- 29	767632	. . BRACKET				1	
- 30	5352467	. BANK ASSEMBLY-CORE CARRIER				2	B
- 30	5352467	. BANK ASSEMBLY-CORE CARRIER				7	A
- 31	19944	. SCREW,MACH-BIND HD 8-32 X 3/4 LG ATT PT				AR	
- 32	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG ATT PT				AR	
- 33	742461	. . I CORE CARRIER ASSEMBLY ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				24	
- 34	742460	. . ROD				AR	
- 35	742466	. . BLOCK ASSEMBLY ASSEMBLY COMPONENTS ARE NOT REPLACEABLE				AR	
- 36	5806713	. PANEL ASM,SENSE				1	
- 37	767639	. MARKER STRIP				1	
- 38	492615	. RESISTOR,FXD,COMP-200 OHM P/M 5 PCT 1/4W				48	
- 39	742454 NP	. TAPE DECK ASM, TROS				AR	
		FOR PART NO. AND MODULE LOCATION SEE TAPE DECK ASSEMBLY LISTINGS FOR DETAIL BREAK DOWN SEE FIGURE 27					
- 40	438568	. SCREW,MACH-UNDRCT BIND HD 6-32 X 1-1/8 ATT PT				AR	
- 41	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT				AR	
- 42	257986	. WASHER,0.156 ID X 0.035 THK ATT PT				AR	
- 43	5352762	. HINGE				2	
- 44	59648	. SCREW,HEX HD 250-20 X 1.750 LG ATT PT				4	
- 45	76574	. WASHER, LOCK-EXT. TEETH .250 ATT PT				4	
- 46	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT				4	
- 47	5375743	. BRACKET ASSEMBLY-GATE STOP				1	
- 48	1108505	. . BUMPER				1	
- 49	5375737	. . BRACKET,STOP				1	
- 50	5374098	. COVER ASSEMBLY				2	A
- 51	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT				2	A
- 52	5374097	. . PAD-COVER				1	
- 53	5374096	. . COVER-BANK				1	
- 54	5375750	. BRACKET ASSEMBLY-OUTER GATE RETAINING				2	
		ASSEMBLY COMPONENTS ARE NOT REPLACEABLE					
- 55	59648	. SCREW,HEX HD 250-20 X 1.750 LG ATT PT				4	
- 56	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT				4	
- 57	76574	. WASHER, LOCK-EXT. TEETH .250 ATT PT				4	
- 58	5352768	. SCREW, CAPTIVE, .250-20 UNC X 1.65 LG				4	
- 59	76574	. WASHER, LOCK-EXT. TEETH .250				4	
- 60	5374388	. CROSSOVER ASM,BOARD TO BUS FOR COMPONENTS SEE FIGURE 31-65B				1	
- 61	5349561	. GATE ASM				1	B
- 61	5374124	. TROS B+C GATE ASM,W/O AIRLINES BUFFER FOR DETAIL BREAKDOWN SEE FIGURE 27				1	B

***** END OF LIST 23 *****

FOR PARTS
NOT SHOWN
SEE FIG. 2

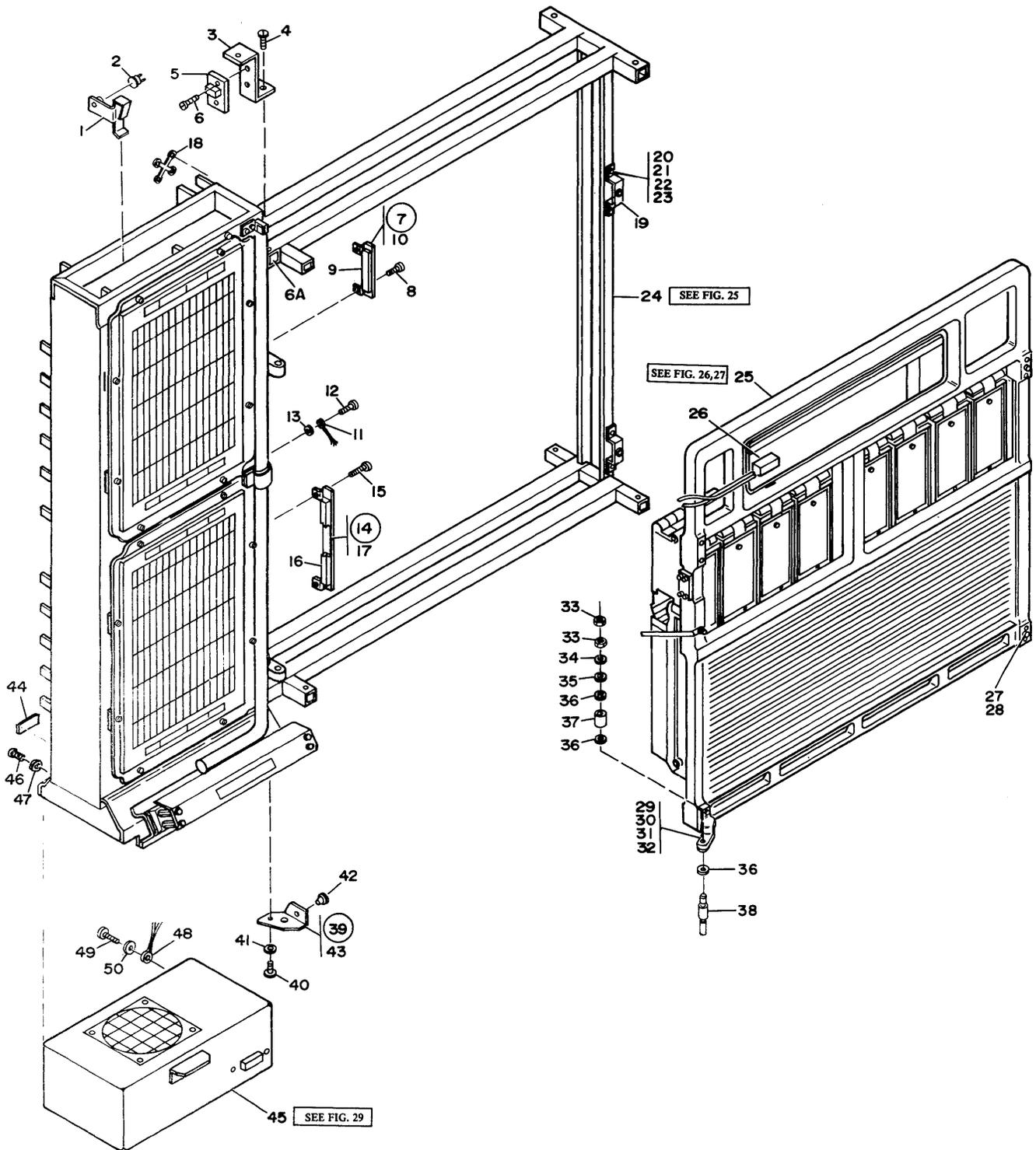


FIGURE 24. 4K TROS GATE ASSEMBLY.
SEE LIST 24.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
24 -	2267942	TROS GATE ASM,4K,60 HZ	REF	
-	2267941	TROS GATE ASM,4K,50 HZ	REF	
-	2244870	USED ON GATES W/2 TIMING CARDS TROS GATE ASSEMBLY,2K BASIC USED ON GATES W/4 TIMING CARDS	REF	
- 1	742628	FOR NEXT HIGHER ASM SEE FIGURE 2-180 . CLIP ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	1	
- 2	5349253	. THERMOSTAT	1	
- 3	5375755	. BRACKET ASSEMBLY-POTENTIOMETER PARTS OF THIS ASM ARE NOT REPLACEABLE	1	
- 4	731626	. SCREW,PAN HEAD,6-32 X 0.25 LONG ATT PT	2	
- 5	5374115	. POTENTIOMETER ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	1	
- 6	55726	. SCREW,MACH-BIND HD 6-32 X .188 LG ATT PT	2	
- 6A	5375754	. LABEL	1	
- 7	5352772	. GUIDE ASSEMBLY-TAPE CABLE	1	
- 8	734483	. SCREW,PAN HD- 6-32 X 0.380 LG ATT PT	2	
- 9	742534	. SEAL,RUBBER,BULK 0.38 X 0.19	1	
- 10	5352773	. . GUIDE	1	
- 11	5352781	. JUMPER ASSEMBLY-GROUND	1	
- 12	2181008	. SCREW,SELF TAPPING, 8-32 X 0.375 LG ATT PT	1	
- 13	55901	. WASHER, LOCK, EXT TEETH - .176 DIA ATT PT	1	
- 14	5352774	. GUIDE ASSEMBLY-SENSE CABLE	1	
- 15	734483	. SCREW,PAN HD- 6-32 X 0.380 LG ATT PT	2	
- 16	742534	. SEAL,RUBBER,BULK 0.38 X 0.19	1	
- 17	5352775	. . GUIDE	1	
- 18	813519	. RETAINER,CABLE	2	
- 19	5375751	. BRACKET ASSEMBLY-GATE RETAINING	2	
- 20	36844	PARTS OF THIS ASM ARE NOT REPLACEABLE		
- 21	3550	. SCREW,CAP-SLOT HD 1/4-20 X 1/2 LG ATT PT	4	
- 22	76574	. WASHER,FLAT 1/4 ID-9/16-OD-0.05 THICK ATT PT	4	
- 23	3960	. WASHER, LOCK-EXT. TEETH .250 ATT PT	4	
- 24	767759 NP	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT	4	
- 24	5374128 NP	. A GATE ASM,4K TROS USED ON GATES W/2 TIMING CARDS	1	
- 25	NO NUMBER	. B GATE GROUP,TROS 2 TIMING CARDS FOR DETAIL BREAKDOWN SEE FIGURE 25	1	
- 25	5374124	. TROS B&C GATE ASM,W/O AIRLINES BUFFER USED ON GATES W/4 TIMING CARDS FOR DETAIL BREAKDOWN SEE FIGURE 27	1	
- 26	5374388	. CROSSOVER ASM,BOARD TO BUS FOR COMPONENTS SEE FIGURE 32-57B,88,90,92	1	
- 27	5352768	. SCREW, CAPTIVE, .250-20 UNC X 1.65 LG	2	
- 28	76574	. WASHER, LOCK-EXT. TEETH .250	2	
- 29	5352762	. HINGE	2	
- 30	59648	. SCREW,HEX HD 250-20 X 1.750 LG ATT PT	4	
- 31	76574	. WASHER, LOCK-EXT. TEETH .250 ATT PT	4	
- 32	3960	. NUT,PLAIN,HEX- 1/4-20 X 7/16 FL W ATT PT	4	
- 33	118997	. NUT,SELF LKG,HEX- 5/16-18 X 1/2 FL W	4	
- 34	4033171	. WASHER	2	
- 35	161351	. WASHER, FLAT 0.330 ID-0.625 OD-0.05 THK	2	
- 36	5375753	. WASHER,FLAT- 3/4 OD 9/16 ID X 1/16 THK.	6	
- 37	767601	. SPACER	2	
- 38	5375747	. PIN-HINGE	2	
- 39	5375744	. BRACKET ASM,STOP	1	
- 40	731626	. SCREW,PAN HEAD,6-32 X 0.25 LONG ATT PT	1	
- 41	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT	1	
- 42	1108505	. . BUMPER	1	
- 43	5375739	. . BRACKET,STOP	1	
- 44	5349534	. NAMEPLATE-VOLTAGE AND CURRENT	1	
- 45	5374371	. FAN ASM,GATE,60 HERTZ	1	
- 45	5374370	. FAN ASM,GATE,50 HERTZ FOR DETAIL BREAK DOWN SEE FIGURE 29	1	
- 46	28413	. SCREW,MACH-BIND HD 10-32 X 5/16 LG ATT PT	2	
- 47	56121	. WASHER,LOCK-INT TEETH NO. 10 X 0.381 OD ATT PT	2	
- 48	742582	. JUMPER ASSEMBLY	1	
- 49	186759	. SCREW,MACH-BIND HD 8-32 X 5/16 LG ATT PT	2	
- 50	55901	. WASHER, LOCK, EXT TEETH - .176 DIA ATT PT ***** END OF LIST 24 *****	2	

FOR PARTS
NOT SHOWN
SEE FIG. 24

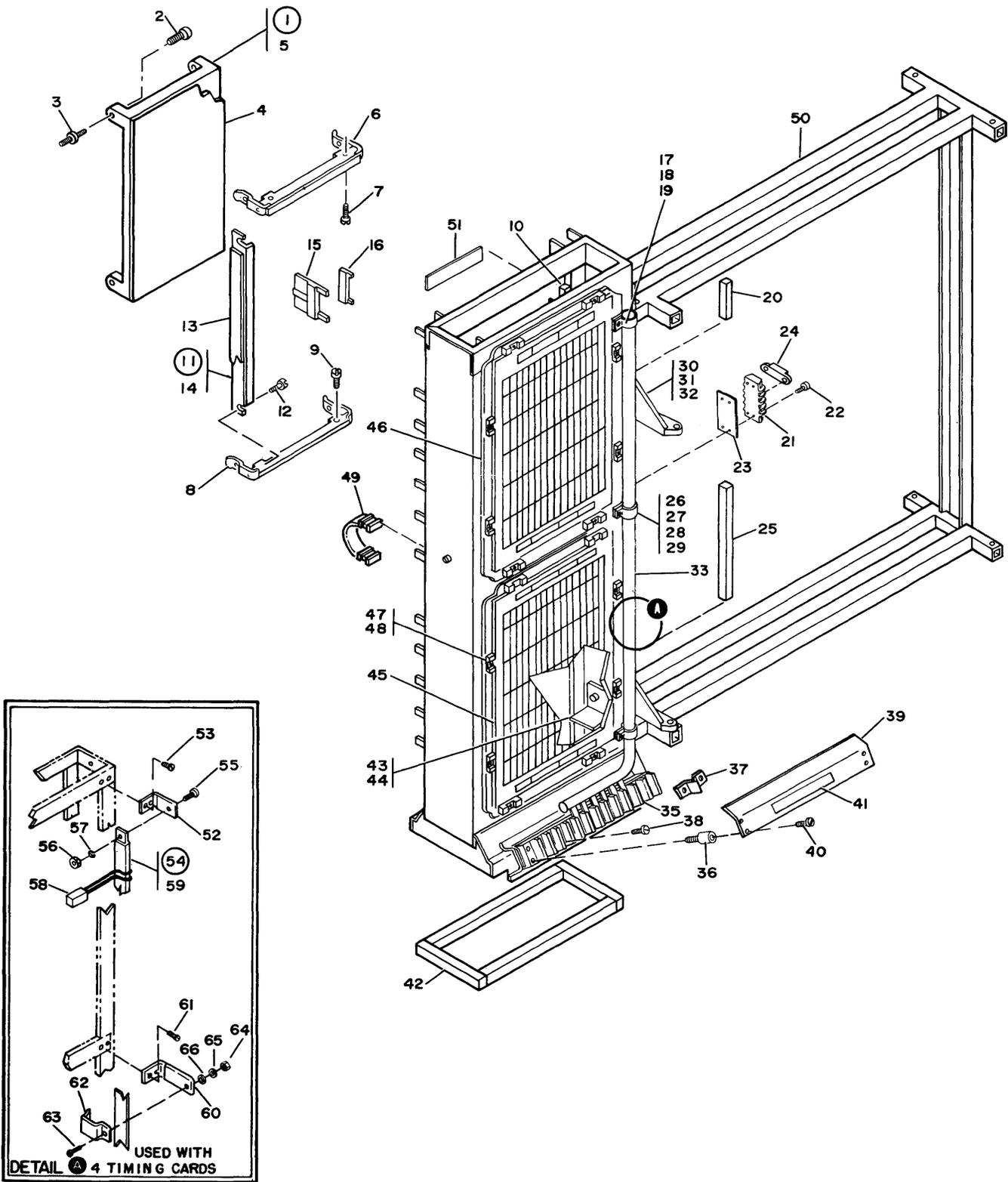


FIGURE 25. 4K TROS A GATE ASSEMBLY
SEE LIST 25.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
25 -		CODE A USED ON GATES W/2 TIMING CARDS CODE B USED ON GATES W/4 TIMING CARDS		
-	767759 NP	A GATE ASM,4K TROS	REF	A
-	5374128 NP	A GATE ASM,4K TROS FOR NEXT HIGHER ASM SEE FIGURE 24-24	REF	B
- 1	811867	. CARD COVER ASSEMBLY	2	
- 2	815963	. . CATCH-PULL	4	
- 3	815964	. . CATCH	4	
- 4	815263	. . FOAM	1	
- 5	811866	. . COVER	1	
- 6	811853	. BRACKET-HINGE	2	
- 7	811426	. SCREW,MACH-PAN HD 6-32 X 3/8 IN. LG	4	ATT PT
- 8	811852	. BRACKET-HINGE	2	
- 9	811426	. SCREW,MACH-PAN HD 6-32 X 3/8 IN. LG	4	ATT PT
- 10	811442	. SEAL,FOAM,0.38 X 0.25 X 12.25 LG	4	
- 11	811881	. RETAINER ASSEMBLY	2	
- 12	55726	. SCREW,MACH-BIND HD 6-32 X .188 LG	8	ATT PT
- 13	811441	. . SEAL	1	
- 14	811896	. . RETAINER	1	
- 15	811363	. EXTENDER, CARD, 6 PAC		AR
- 16	811804	. GUIDE,CARD,12 PAC		AR
- 17	357433	. CLAMP,LOOP- 0.187 ID 0.203 DIA MTG HOLE	1	
- 18	734483	. SCREW,PAN HD- 6-32 X 0.380 LG	1	ATT PT
- 19	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	1	ATT PT
- 20	742534	. SEAL,RUBBER,BULK 0.38 X 0.19		AR
- 21	323838	. TERMINAL BLOCK,4 POS.	2	
- 22	5374379	. SCREW	6	ATT PT
- 23	515620	. INSULATOR	2	
- 24	5374381	. BUMPER	4	
- 25	742534	. SEAL,RUBBER,BULK 0.38 X 0.19		AR
- 26	327921	. CLAMP,CABLE	2	
- 27	734483	. SCREW,PAN HD- 6-32 X 0.380 LG	2	ATT PT
- 28	257986	. WASHER,0.156 ID X 0.035 THK	2	ATT PT
- 29	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	2	ATT PT
- 30	5352745	. HINGE	2	
- 31	129654	. SCREW,CAP,SOC HD- 10-32 X 3/4 LG	8	ATT PT
- 32	56121	. WASHER,LOCK-INT TEETH NO. 10 X 0.381 OD	8	ATT PT
- 33	767624	. CABLE ASM,VOLTAGE DISTRIBUTION	1	
- 35	811474	FOR COMPONENTS SEE FIG 32-49A,49B,88,90,92 . TERMINAL BLOCK,12 POSITION DOUBLE ROW	1	
- 36	210957	. STUD, TAPPED-MOUNTING	4	ATT PT
- 37	5364226	. JUMPER,BRASS 50 AMP TB	3	
- 38	811481	. SCREW,MACH- 6-32 X 1/4 LG	24	
- 39	742519	. SHIELD,12 POSITION	1	
- 40	38235	. SCREW,BIND HD 6-32 X .312 LONG	4	ATT PT
- 41	5374396	. LABEL	1	
- 42	742534	. SEAL,RUBBER,BULK 0.38 X 0.19		AR
- 43	5352753	. BAFFLE,LOWER RIGHT	1	
- 43	5352780	. BAFFLE,TOP RIGHT	1	B
- 43	5352784	. BAFFLE,LEFT CENTER	1	B
- 43	5352787	. BAFFLE,RIGHT CENTER	1	B
- 43	5349535	. BAFFLE,LOWER LEFT	1	B
- 44	734483	. SCREW,PAN HD- 6-32 X 0.380 LG	2	
- 45	5375725	. BOARD ASSEMBLY- 02A-A2 PARTS OF THIS ASM ARE NOT REPLACEABLE	1	
- 46	767761	. BOARD ASM,024-A1	1	A
- 46	5374133	. BOARD ASSEMBLY- 02A-A1 PARTS OF THIS ASM ARE NOT REPLACEABLE	1	B
- 47	811417	. SCREW,HEX SOC, 6-32 X 0.500 LG	16	ATT PT
- 48	813179	. CLAMP-BOARD	16	ATT PT
- 49	5802416	. CROSSOVER ASM ASM COMPONENTS ARE NOT REPLACEABLE	1	
- 50	5352743	. FRAME ASSEMBLY-A GATE	1	
- 51	768310	. LABEL	1	
- 52	742513	. BRACKET ASSEMBLY	1	B
- 53	734483	. SCREW,PAN HD- 6-32 X 0.380 LG	2	ATT PT
- 54	5374341	. BUS ASSEMBLY	1	B
- 55	801391	. SCREW,MACH-RH 6-32 X 1/2 LG	1	B
- 56	257186	. NUT,PLAIN,HEX- 4-40 X 5/16 FL W	1	B
- 57	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	1	B
- 58	811483	. . CROSSOVER ASM,BUS TO BOARD	9	
- 59	5374378	. . BUS ASM	1	
- 60	742515	. BRACKET ASSEMBLY	1	B
- 61	734483	. SCREW,PAN HD- 6-32 X 0.380 LG	2	ATT PT
- 62	5374339	. CLAMP ASM	1	B
- 63	81693	. SCREW,MACH-BIND HD 6-32 X 3/8 LG	1	B
- 64	257187	. NUT,HEX 6-32 NC	1	B
- 65	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD	1	B
- 66	257986	. WASHER,0.156 ID X 0.035 THK	1	B

**** END OF LIST 25 ****

FOR PARTS
NOT SHOWN
SEE FIG. 24

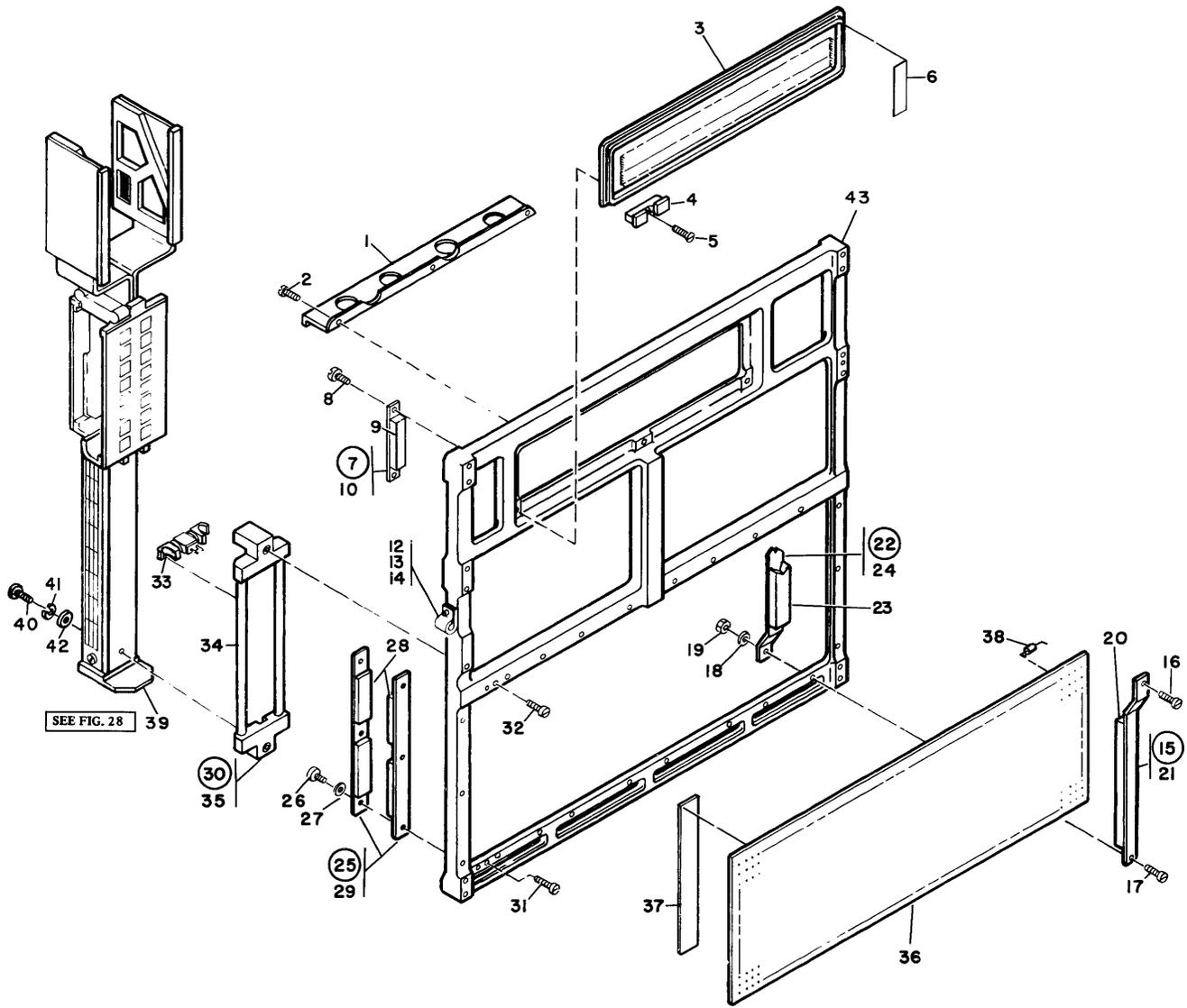


FIGURE 26. TROS B GATE GROUP (with Airlines Buffer Feature)
SEE LIST 26.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS	USABLE
			PER ASM.	ON CODE
26 -	NO NUMBER	TROS B GATE GROUP WITH AIRLINES BUFFER USED W/2 TIMING CARDS FOR NEXT HIGHER ASM SEE FIGURE 24-25	REF	
- 1	5374337	. BRACKET	1	
- 2	2181071	. SCREW,MACH,PAN HD,6-32 X 0.50 LONG ATT PT	3	
- 3	768212	. BOARD ASM,PERS,COMMONING PARTS OF THIS ASM ARE NOT REPLACEABLE	1	
- 4	813179	. CLAMP-BOARD	6	
- 5	767616	. SCREW ATT PT	6	
- 6	5374659	. LABEL-IDENTIFICATION	1	
- 7	5374670	. RETAINER ASM	1	
- 8	381741	. SCREW,THREAD FORM-PAN HD 8-32 X 3/8 LG ATT PT	2	
- 9	5352800	. . PAD-INSULATING	1	
- 10	5374669	. . RETAINER	1	
- 12	357433	. CLAMP,LOOP- 0.187 ID 0.203 DIA MTG HOLE	2	
- 13	2191846	. SCREW,THD FORMING,4-40 X 0.50 LG ATT PT	2	
- 14	257986	. WASHER,0.156 ID X 0.035 THK ATT PT	2	
- 15	767627	. SUPPORT ASM,OUTER	1	
- 16	438588	. SCREW,MACH-UNDRCT BIND HD 8-32 X 1-1/4 ATT PT	1	
- 17	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG ATT PT	1	
- 18	60646	. WASHER,LOCK-INT TEETH NO. 8 X 0.340 OD ATT PT	2	
- 19	257189	. NUT, HEX 8-32 ATT PT	2	
- 20	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19	1	
- 21	767631	. . SUPPORT,OUTER	1	
- 22	767626	. SUPPORT ASM,INNER	1	
- 23	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19	1	
- 24	767630	. . SUPPORT,INNER	1	
- 25	767629	. BRACKET ASM,STRAIN RELIEF	2	
- 26	2181003	. SCREW,MACH-PAN HD THD FRMNG NO. 6-32 ATT PT	3	
- 27	62031	. WASHER,LOCK-INT TEETH NO. 6 X 0.295 OD ATT PT	3	
- 28	742534	. . SEAL,RUBBER,BULK 0.38 X 0.19	2	
- 29	767632	. . BRACKET	1	
- 30	5352467	. BANK ASSEMBLY-CORE CARRIER	8	
- 31	19944	. SCREW,MACH-BIND HD 8-32 X 3/4 LG ATT PT	8	
- 32	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG ATT PT	8	
- 33	742461	. . I CORE CARRIER ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	24	
- 34	742460	. . ROD	2	
- 35	742466	. . BLOCK ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	2	
- 36	5806713	. PANEL ASM,SENSE	1	
- 37	767639	. MARKER STRIP	1	
- 38	492615	. RESISTOR,FXD,COMP-200 OHM P/M 5 PCT 1/4W	48	
- 39	742454 NP	. TAPE DECK ASM, TROS	8	
		FOR PART NO. AND MODULE LOCATION SEE TAPE DECK ASSEMBLY LISTINGS FOR DETAIL BREAKDOWN SEE FIGURE 28		
- 40	438568	. SCREW,MACH-UNDRCT BIND HD 6-32 X 1-1/8 ATT PT	16	
- 41	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT	16	
- 42	257986	. WASHER,0.156 ID X 0.035 THK ATT PT	16	
- 43	5349561	. GATE ASM	1	
		**** END OF LIST 26 ****		

FOR PARTS
NOT SHOWN
SEE FIG. 23, 24

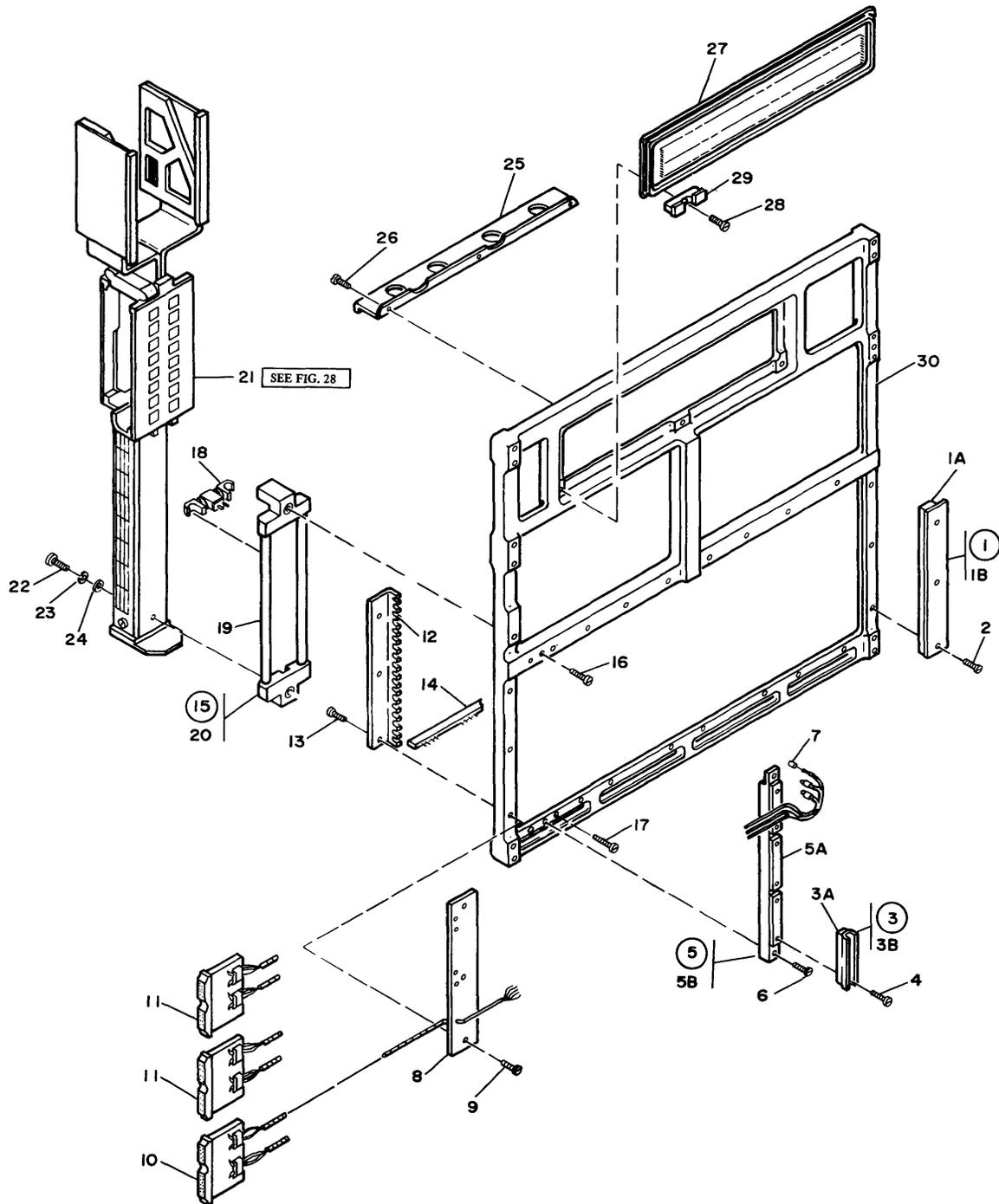


FIGURE 27. TROS B AND C GATE ASSEMBLY (without Airlines Buffer Feature)
SEE LIST 27.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
27 -	5374124	TROS B&C GATE ASM,W/O AIRLINES BUFFER USED W/4 TIMING CARDS FOR NEXT HIGHER ASM SEE FIGURE 24-25 AND 23-61	REF	
- 1	5349542	. PLATE ASM	1	
- 1A	5349540	. . SEAL	1	
- 1B	5349543	. . PLATE	1	
- 2	734483	. SCREW,PAN HD- 6-32 X 0.380 LG ATT PT	3	
- 3	5349552	. PAD ASM	1	
- 3A	742533	. . PAD	1	
- 3B	742554	. . STRIP	1	
- 4	438551	. SCREW,MACH-BIND HD 4-40 X 5/8 LG ATT PT	6	
- 5	5349549	. BLOCK	3	
- 5A	742533	. . PAD	1	
- 5B	5352751	. . BLOCK	1	
- 6	5349600	. SCREW, MACH BD HD, 8-32 X 1.00 LG ATT PT	2	
- 7	5349546	. SLEEVE	1	
- 8	5349537	. PLATE, RETAINER	2	
- 9	734483	. SCREW,PAN HD- 6-32 X 0.380 LG ATT PT	6	
- 10	5374126	. CABLE ASSEMBLY	1	
- 11	5352752	. CABLE ASSEMBLY-SENSE	2	
- 12	5349541	. BRACKET	2	
- 13	734483	. SCREW,PAN HD- 6-32 X 0.380 LG ATT PT	6	
- 14	742598	. STRIP ASSEMBLY	24	
- 15	5352467	. BANK ASSEMBLY-CORE CARRIER	8	
- 16	321483	. SCREW,MACH-BIND HD 8-32 X 1 LG ATT PT	8	
- 17	19944	. SCREW,MACH-BIND HD 8-32 X 3/4 LG ATT PT	8	
- 18	742461	. . I CORE CARRIER ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	24	
- 19	742460	. . ROD	2	
- 20	742466	. . BLOCK ASSEMBLY PARTS OF THIS ASM ARE NOT REPLACEABLE	2	
- 21	742454 NP	. TAPE DECK ASM,TROS	8	
		FOR PART NO. AND MODULE LOCATION SEE TAPE DECK ASSEMBLY LISTINGS FOR DETAIL BREAKDOWN SEE FIGURE 28		
- 22	438568	. SCREW,MACH-UNDRCT BIND HD 6-32 X 1-1/8 ATT PT	16	
- 23	56722	. WASHER-LOCK,EXT T, .150 ID ATT PT	16	
- 24	257986	. WASHER,0.156 ID X 0.035 THK ATT PT	16	
- 25	5374337	. BRACKET	1	
- 26	2181071	. SCREW,MACH,PAN HD,6-32 X 0.50 LONG ATT PT	3	
- 27	5352798	. BOARD ASM,PERS,COMMONING	1	
- 28	767616	. SCREW ATT PT	2	
- 29	813179	. CLAMP-BOARD	6	
- 30	5349561	. GATE ASM	1	
		***** END OF LIST 27 *****		

FOR PARTS
NOT SHOWN
SEE FIG. 23,26,27

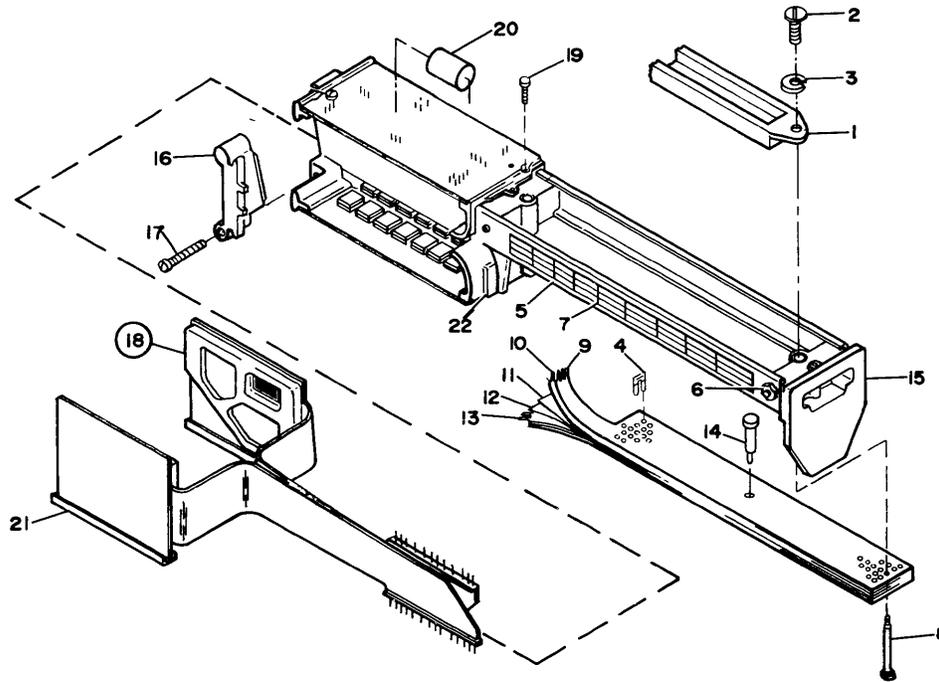


FIGURE 28. TAPE DECK ASSEMBLY.
SEE LIST 28

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
28 -	742454 NP	TAPE DECK ASM FOR PART NO. AND LOCATION SEE TAPE DECK ASM LISTINGS FOR NEXT HIGHER ASM SEE FIGURE 26-39 AND 27-21 AND 23-39				REF	
- 1	742640	. RETAINER				1	
- 2	81693	. SCREW, MACH-BIND HD 6-32 X 3/8 LG				2	
- 3	55901	. WASHER, LOCK, EXT TEETH - .176 DIA				2	
- 4	2414896	. CORE, U				48	
- 5	742479	. RAIL ASSEMBLY				2	
- 6	438572	PARTS OF THIS ASM ARE NOT REPLACEABLE . SCREW, MACH-UNDRCT BIND HD 6-32 X 2 LG				2	
- 7	5349551	. LABEL				1	
- 8	5349595	. PIN ASSEMBLY				2	
- 9	742614	. TAPE A-UNPERSONALIZED				43	
- 10	742471	. TAPE-RESISTIVE				1	
- 11	742635	. TAPE-INSULATION				1	
- 12	742616	. TAPE C-UNPERSONALIZED				42	
- 13	742615	. TAPE B-UNPERSONALIZED				43	
- 14	5349594	. PIN-LOCATING				1	
- 15	742478	. SUPPORT ASSEMBLY				1	
- 16	742486	. CLAMP ASSEMBLY				2	
- 17	438563	PARTS OF THIS ASM ARE NOT REPLACEABLE . SCREW, MACH-FIL H 6-32 X 1-1/2 LG				2	
- 18	742648	. CABLE ASSEMBLY AND DIODE BOARD				1	
- 19	1141097	FOR COMPONENTS SEE FIGURE 32-57 . SCREW,				4	
- 20	2414895	. SEMICONDUCTOR DEVICE, DIODE				AR	
- 21	742649	. CABLE ASSEMBLY AND DIODE BOARD				1	
- 22	742484	. CHASSIS ASSEMBLY				1	
		PARTS OF THIS ASM ARE NOT REPLACEABLE **** END OF LIST 28 ****					

FOR PARTS
NOT SHOWN
SEE FIG. 22, 24

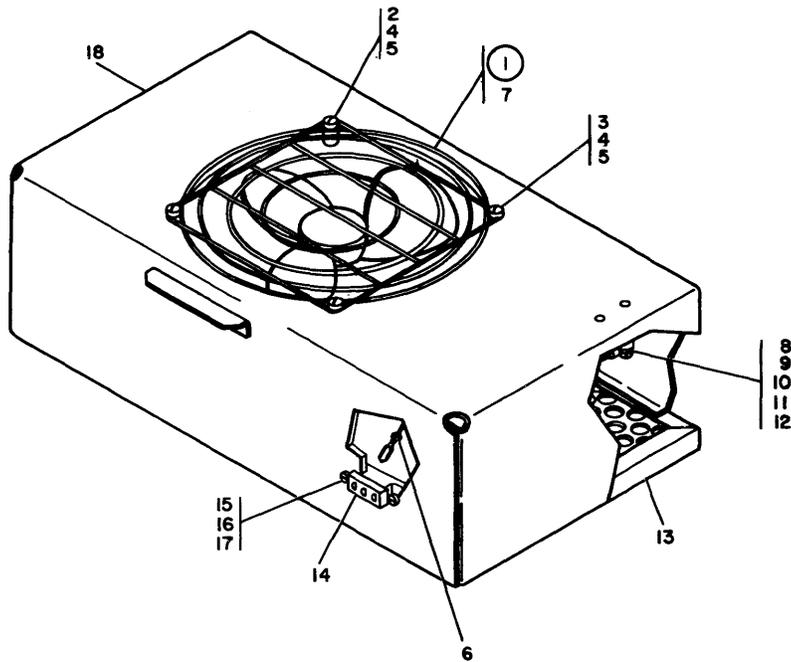


FIGURE 29. FAN ASSEMBLY, TROS GATE
SEE LIST 29.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
29 -		CODE A USED ON 60 HZ CODE B USED ON 50 HZ					
-	5374371	FAN ASM,GATE,60 HZ				REF	
-	5374370	FAN ASM,GATE,50 HZ FOR NEXT HIGHER ASM SEE FIGURE 24-45,22-44				REF	
- 1	742526	. FAN ASM,60 HZ				1	A
- 1	742611	. FAN ASM,50 HZ				1	B
- 2	35739	. SCREW,MACH-BIND HD 6-32 X 15/16 LG				3	A
- 2	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG				3	B
- 3	332065	. SCREW				1	A
- 3	10170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG				1	B
- 4	56722	. WASHER-LOCK,EXT T, .150 ID				4	
- 5	241886	. STUD,TIE BAR-CABLE				4	B
- 6	5353854	. CONTACT, MALE 16-20 WIRE				2	
- 7	5357090	. FAN,60 HZ				1	A
- 7	4120171	. FAN,220V-50 HZ				1	B
- 8	742582	. JUMPER ASSEMBLY				1	
- 9	186759	. SCREW,MACH-BIND HD 8-32 X 5/16 LG				1	
- 10	55901	. WASHER, LOCK, EXT TEETH - .176 DIA				1	
- 11	36776	. NUT,PLAIN,HEX- 6-32 X 5/16 FL W				1	A
- 12	38351	. SCREW,MACH-FIL HD 6-32 X .312 LG				1	B
- 13	5374369	. FILTER-FAN				1	
- 14	5353853	. RECEPTACLE,3 POSITION				1	
- 15	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG				2	
- 16	1091220	. WASHER				2	
- 17	257187	. NUT, HEX 6-32 NC				2	
- 18	5374367	. HOUSING FAN ***** END OF LIST 29 *****				1	

FOR PARTS
NOT SHOWN
SEE FIG. 2

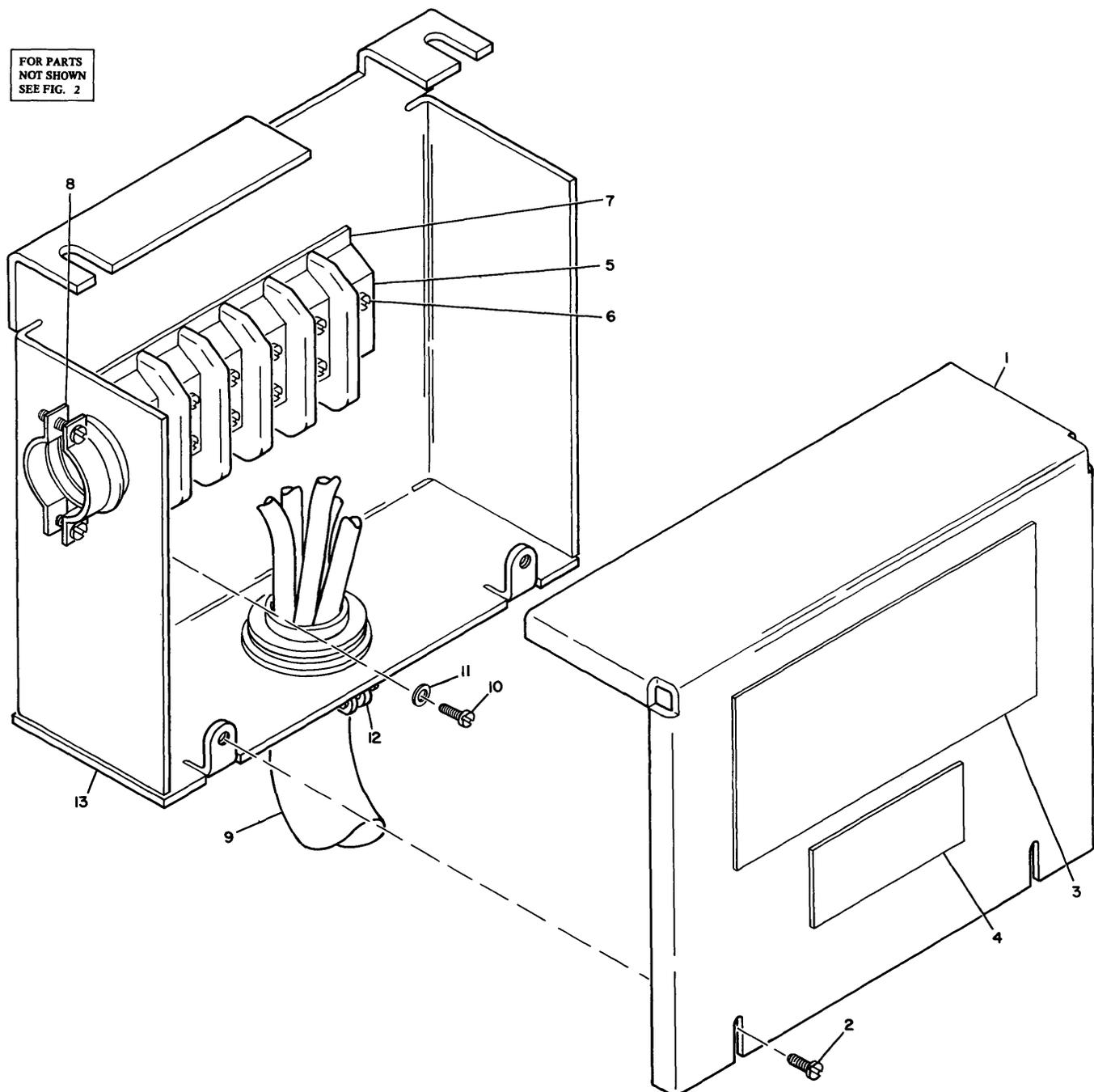


FIGURE 30. AC JUNCTION BOX ASSEMBLY.
SEE LIST 30

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
30 -	2262094	JUNCTION BOX ASM, AC 60 HZ				REF	
-	2262096	JUNCTION BOX ASM, AC 50 HZ				REF	
		FOR NEXT HIGHER ASM SEE FIG 2-171A					
- 1	2262093	. COVER				1	
- 2	10170	. SCREW-MACH, BIND HD NO. 6-32 X .250 LG ATT PT				2	
- 3	138756	. LABEL, LINE V PRESENT W/MACH PWR OFF				1	
- 4	369207	. LABEL, CAUTION				1	
- 5	323845	. TERMINAL BOARD- 4 DBL SCREW TERMINALS				1	
- 6	322065	. SCREW, MACH-BIND HD 6-32 X 5/8 LG ATT PT				2	
- 7	2101400	. MARKER STRIP- 4 POS				1	
- 8	237327	. CLAMP-CABLE				1	
- 9	2262058	. CABLE ASM, AC INTCONN TO FCU, 60HZ				1	
- 9	2262056	. CABLE ASM, AC INTCONN TO FCU, 50HZ				1	
		FOR COMPONENTS SEE FIG 32					
- 10	25627	. SCREW, MACH-BIND HD 8-32 X 1/2 LG				2	
- 11	55901	. WASHER, LOCK, EXT TEETH - .176 DIA				4	
- 12	342250	. STRAIN RELIEF				1	
- 13	2262092	. ENCLOSURE				1	
		**** END OF LIST 30 ****					

FOR PARTS
NOT SHOWN
SEE FIG. 2

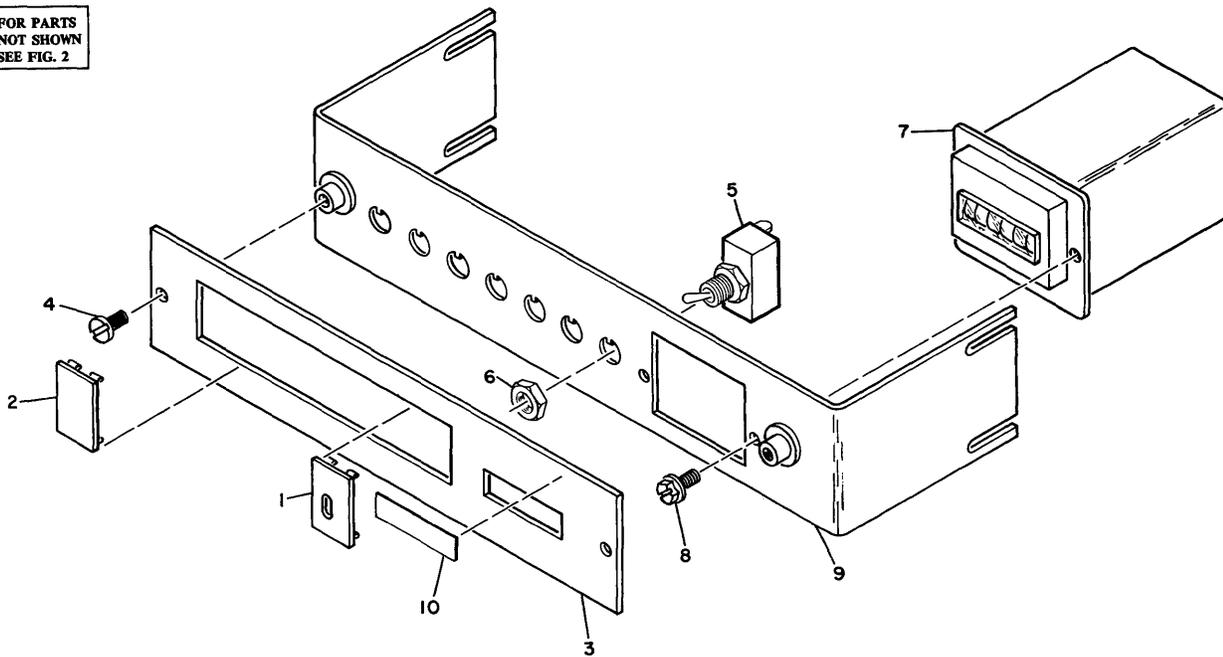


FIGURE 31. METER ASSEMBLY.
SEE LIST 31.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
31 -		CODE A USED W/2 CHANNEL SW AND 2844 ATT FEAS CODE B USED W/2 CHANNEL SW FEATURE CODE C USED W/2844 ATT FEATURE					
-	2271175	METER ASM, DOMESTIC				REF	
-	2271179	METER ASM, GERMAN				REF	
-	2271183	METER ASM, FRENCH				REF	
-	2262000	FOR NEXT HIGHER ASM SEE FIGURE 2-147A • CAP, SWITCH, ENABLE-DISABLE, ENGLISH				1	
-	2262008	• CAP, SWITCH, COUNTER ON-OFF, GERMAN				1	
-	2262016	• CAP, SWITCH, IN-OUT OF SERVICE, FRENCH				1	
-	731625	• CAP, SWITCH, BLANK				AR	
-	2262001	• CAP, SWITCH, FILE, TAG/UNTAG, ENG				1	A
-	2262002	• CAP, SWITCH, FCU2, TAG/UNTAG, ENG				1	A
-	2262003	• CAP, SW, FCU2, CH-B, ENG				1	A
-	2262004	• CAP, SW, FCU2, CH-A, ENG				1	C
-	2262005	• CAP, SW, FCU 1, TAG/UNTAG, ENG				1	B
-	2262006	• CAP, SW, FCU1, CHAN-B, ENG				1	B
-	2262007	• CAP, SW, FCU1, CHAN-A, ENG				1	A
-	2262009	• CAP, SW, FILE, TAG/UNTAG, GER				1	C
-	2262010	• CAP, SW, FCU2, TAG/UNTAG, GER				1	A
-	2262011	• CAP, SW, FCU2, CHAN-B, GER				1	A
-	2262012	• CAP, SW, FCU2, CHAN-A, GER				1	C
-	2262013	• CAP, SW, FCU1, TAG/UNTAG, GER				1	B
-	2262014	• CAP, SW, FCU1, CHAN-B, GER				1	B
-	2262015	• CAP, SW, FCU1, CHAN-A, GER				1	A
-	2262017	• CAP, SW, FILE, TAG/UNTAG, FR				1	C
-	2262018	• CAP, SW, FCU2, TAG/UNTAG, FR				1	A
-	2262019	• CAP, SW, FCU2, CHAN-B, FR				1	A
-	2262020	• CAP, SW, FCU2, CHAN-A, FR				1	B
-	2262021	• CAP, SW, FCU1, TAG/UNTAG, FR				1	C
-	2262022	• CAP, SW, FCU1, CHAN-B, FR				1	B
-	2262023	• CAP, SW, FCU1, CHAN-A, FR				1	A
-	2271171	• FACEPLATE				2	
-	32042	• SCREW, MACH BIND. HD 10-32 X 3/8 LG				2	2
-	741349	• SWITCH, TOGGLE SPDT- WHITE TIP				AR	
-	179743	• NUT, PLAIN, HEX- 15/32-32 X 9/16 FL W				AR	
-	740503	• METER, 60 HZ				1	
-	740608	• METER, 50 HZ				1	
-	2181005	• SCREW-HEX HD SELFTAP 6-32 X .375 LONG				2	
-	2271170	• BRACKET				1	
-	5361671	• LABEL				1	
		**** END OF LIST 31 ****					

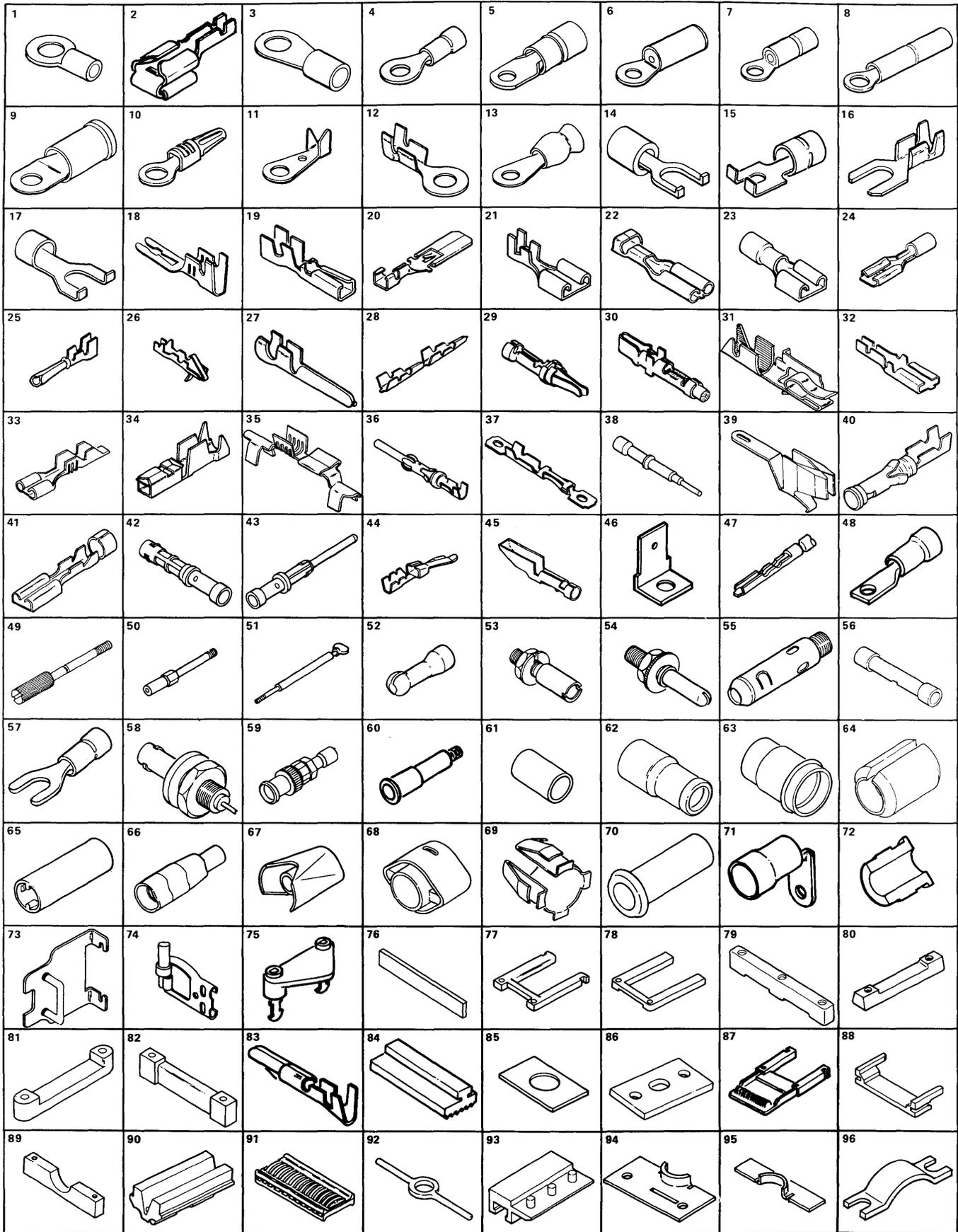


FIGURE 32. CABLE COMPONENT GROUP.
SEE LIST 32.

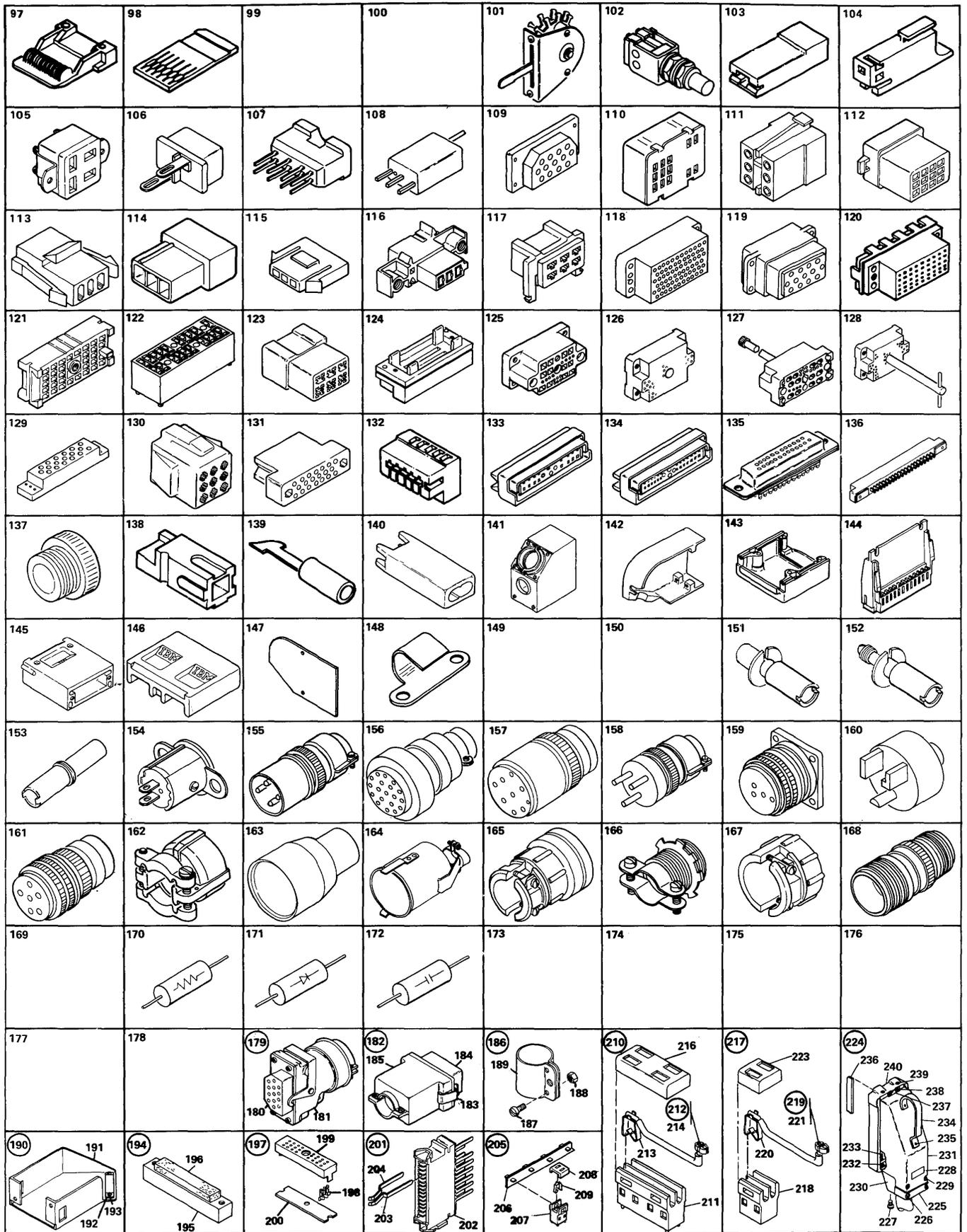


FIGURE 32. CABLE COMPONENT GROUP.
SEE LIST 32.

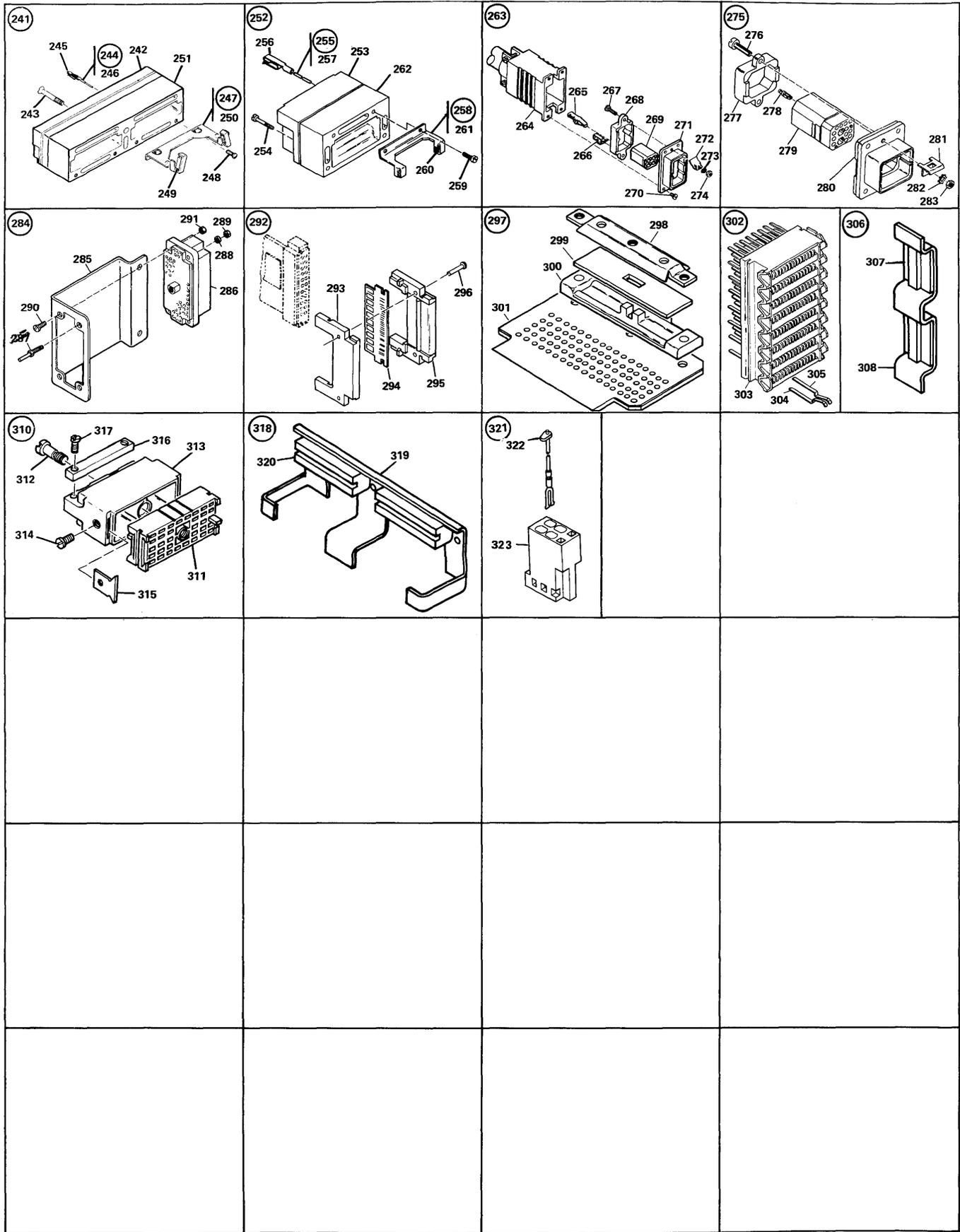


FIGURE 32. CABLE COMPONENT GROUP.
SEE LIST 32.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
32 -	767624	CABLE ASM, VOLTAGE DISTRIBUTION FOR COMPONENTS SEE 57, 57A, 57B, 211, 213, 216					
-	767653	CABLE ASM, SENSE PAIRS FOR COMPONENTS SEE 34B, 150					
-	767654	CABLE ASM, SENSE PAIRS, 2314					
-	767674	CROSSOVER ASM, BRD TO BUS FOR COMPONENTS SEE 34B, 150					
-	2178271	CABLE ASM, LINE CORD, 14 FT FOR COMPONENTS SEE 6A, 9A, 155A					
-	2182907	CABLE ASM, DIFFERENTIAL SCOPE LEADS FOR COMPONENTS SEE 34A, 59, 170					
-	2193980	CABLE ASM, TROS TO TEST CONNECTOR FOR COMPONENTS SEE 4F, 36, 36A, 36B, 78A, 285, 286, 287, 288, 289, 290, 292, 296					
-	2218566	CABLE ASM, SINGLE MULTIPLEX FOR COMPONENTS SEE 3, 4G, 40, 40A, 40B, 53B, 54B, 78A, 118A, 151, 152, 296					
-	2218723	CABLE ASM, CONVENIENCE INTERCON FOR COMPONENTS SEE 15					
-	2218834	CABLE ASM, DC CONNECTOR I/O FOR COMPONENTS SEE 4A, 4G, 29A, 40A, 50, 125					
-	2218862	CABLE ASM, 60 CPS AC SEQUENCE PANEL JUMP FOR COMPONENTS SEE 4A, 4G, 6, 10, 15, 17A, 56					
-	2218863	CABLE ASM, 50 HZ AC SEQUENCE PANEL JUMP FOR COMPONENTS SEE 4A, 4B, 4D, 4G, 6, 10, 15					
-	2218870	CABLE ASM, R/W AND SEL MOD DRIVES F-J FOR COMPONENTS SEE 40B, 60, 62, 64, 69, 78A, 296					
-	2218871	CABLE ASM, R/W AND SEL MOD DRIVES F-J FOR COMPONENTS SEE 40B, 60, 62, 64, 69, 78A, 296					
-	2218872	CABLE ASM, MID PACK TO POWER SUPPLY FOR COMPONENTS SEE 3, 4A, 4G					
-	2218887	CABLE ASM, CE PANEL JUMP FOR COMPONENTS SEE 23, 24, 27B, 31, 293G, 296					
-	2218895	CABLE AGM, DC JUMPER SEQ BOX, 60 HZ FOR COMPONENTS SEE 4F, 24A, 27A, 27B, 28A, 32, 32A					
-	2218898	CABLE ASM, AC DIST FANS AND 12 VPS FOR COMPONENTS SEE 3, 6, 14, 22A, 26A, 68B, 113, 116					
-	2218899	CABLE ASM, DC DISTRIBUTION FOR COMPONENTS SEE 3, 4A, 4D, 4E, 4F, 4G, 4M, 6, 14, 16B, 16D, 18A, 21A, 23, 24, 27B, 28A, 32, 52, 65B, 67B, 117					
-	2218901	CABLE ASM, LINE FILTER TO SEQ BOX 60 HZ FOR COMPONENTS SEE 4K, 9A					
-	2218902	CABLE ASM, LINE FILTER TO SEQ BOX, 50 HZ FOR COMPONENTS SEE 4K, 9A					
-	2218904	CABLE ASM, LINE CORD, WTC FOR COMPONENTS SEE 4K					
-	2218905	CABLE ASM, AUTO TRANSF TO SEQ BOX, TB1 & K7 FOR COMPONENTS SEE 4A, 6					
-	2218906	CABLE ASM, 50 HZ DC JUMPER SEQ BOX FOR COMPONENTS SEE 3, 4E, 24A, 27B, 32					
-	2218907	CABLE ASM, T4 AUTO TRANSF TO SEQ BOX EC4 FOR COMPONENTS SEE 4E, 27B					
-	2218909	CABLE ASM, PWR SPLY GROUND LOOP FOR COMPONENTS SEE 6					
-	2218936	CABLE ASM, C.E. PANEL FOR COMPONENTS SEE 23, 27B, 31, 293G, 296					
-	2218949	CABLE ASM, DC POWER TO B GATE FOR COMPONENTS SEE 4A, 4D, 4G, 7, 12D, 18A, 140					
-	2218965	CABLE ASM, DUAL CHANNEL, CU-1 FOR COMPONENTS SEE 3, 21A, 23, 24, 27B, 28A, 32, 117					
-	2218976	CABLE ASM, B GATE TO POWER SEQUENCING FOR COMPONENTS SEE 3, 4E, 27B, 32					
-	2218977	CABLE ASM, AC POWER TO B GATE FOR COMPONENTS SEE 3, 4E, 10, 14, 22A, 65C, 68B, 116					
-	2227492	CABLE ASM, TWO CHANNEL SWITCH TEST FOR COMPONENTS SEE 31, 31A, 133, 134, 146, 194					
-	2227531	CABLE ASM, TROS TO TEST CONNECTOR FOR COMPONENTS SEE 4F, 36, 36A, 36B, 78A, 285, 286, 287, 288, 289, 290, 291, 296					
-	2239165	CABLE ASM, LINE FILTER, 60 HZ FOR COMPONENTS SEE 9A					
-	2239166	CABLE ASM, LINE FILTER, 50 HZ FOR COMPONENTS SEE 4K, 9A					
-	2239168	CABLE ASM, USAGE METER FOR COMPONENTS SEE 4A, 6, 6A					
-	2239174	CABLE ASM, USAGE METER FOR COMPONENTS SEE 4F, 16D, 65B, 67B					
-	2239185	CABLE ASM, SEQ BOX TO I/O PANEL FOR COMPONENTS SEE 4G, 32, 40, 40A					

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
32 -	2239188	CABLE ASM, CUI SWITCHES, FILE UNIT FOR COMPONENTS SEE 3,23,27B					
-	2244961	CABLE ASM, CUI DC DIST 2314 PWR SPLYS FOR COMPONENTS SEE 3,4A,4D,4E,4F,4G,6,10,14,16D,19,21A,27B,28A,32,117					
-	2244963	CABLE ASM, CUI DC TO A GATE & TROS FOR COMPONENTS SEE 4A,4G,6,10,16B,18A					
-	2244970	CABLE ASM, PWR SW, SPLYS CUI FOR COMPONENTS SEE 4A,6					
-	2244971	CABLE ASM, DUAL CHANNEL CU-1 FOR COMPONENTS SEE 3,4F,21A,23,24,27B,28,32,117					
-	2244972	CABLE ASM, CUI DC PWR TO B GATE FOR COMPONENTS SEE 4A,4D,4G,6,7,10,12D					
-	2250838	CABLE ASM CHANNEL B TAGS IN FOR COMPONENTS SEE 31A,78A,88,134A,146,194,296					
-	2250839	CABLE ASM, CHANNEL B TAGS OUT FOR COMPONENTS SEE 31A,78A,88,134,146,194,296					
-	2250847	CABLE ASM, AC TO FUSES AND T4 SENSE, 50 HZ FOR COMPONENTS SEE 3,4F,27B,32,65A,68A					
-	2250848	CABLE ASM, AUTO TRANSF INPUT, 50 HZ FOR COMPONENTS SEE 4A,6,10					
-	2250866	CABLE ASM, LINE CORD, 6FT 60 HZ FOR COMPONENTS SEE 6A,9A,155A					
-	2250933	CABLE ASM, EDGE CONN TO SEQ BOX FOR COMPONENTS SEE 24A,27B,32					
-	2250934	CABLE ASM, EDGE CONN TO K8 2314 BUFFER W/2844 FOR COMPONENTS SEE 4E,27B,32					
-	2262024	CABLE ASM, DC DIST FOR COMPONENTS SEE 3,4A,4D,4E,4F,4G,4M,6,14,16B,16D,18A,21A,23,27B,28A,32,52,65B,67B,117					
-	2262025	CABLE ASM, USAGE METER FOR COMPONENTS SEE 4F,16D,65B,67B					
-	2262026	CABLE ASM, DUAL CHANNEL CU-1 FOR COMPONENTS SEE 3,21A,23,24,27B,28A,32,117					
-	2262027	CABLE ASM, DUAL CHANNEL CU-1 FOR COMPONENTS SEE 3,4F,21A,23,24,27B,28A,32,117					
-	2262029	CABLE ASM, CU-1 SWITCHES-FILE UNIT FOR COMPONENTS SEE 3,23,27B					
-	2262055	CABLE ASM, AC INTERCONN TO FCU, 50 HZ FOR COMPONENTS SEE 4A,6,6A					
-	2262056	CABLE ASM, AC INTCONN TO FCU, 50 HZ FOR COMPONENTS SEE 4A,6,6A					
-	2262058	CABLE ASM, INTCONN TO FCU, 60 HZ FOR COMPONENTS SEE 4A,6,6A					
-	2271154	CABLE ASM, LINE CORD, UK 50 HZ FOR COMPONENTS SEE 4K					
-	2271160	CABLE ASM, I/O MPX FOR COMPONENTS SEE 3,4G,27B,36,40,40A,40B,53B,54B,78A,118A,296					
-	2271163	CABLE ASM, LINE CORD, WTC 50 HZ FOR COMPONENTS SEE 6					
-	2285026	CABLE ASM, AC INTERCONNECTING FOR COMPONENTS SEE 4A,6A,159G					
-	2285714	CABLE ASM, AC INTERCONN TO FCU 60 HZ -2314B ONLY FOR COMPONENTS SEE 6,72,137,167,168A					
-	2285715	CABLE ASM, DIST BLOCKS TO MIXER CD CONN -2314B ONLY FOR COMPONENTS SEE 4G,21A,117					
-	2285716	CABLE ASM, SEL MOD -2314B ONLY FOR COMPONENTS SEE 40,78A,296					
-	2285718	CABLE ASM, AC INTERCONN TO FCU, 50 HZ -2314B ONLY FOR COMPONENTS SEE 72,132,167,168A					
-	5374110	CROSSOVER ASM, BOARD TO BUS FOR COMPONENTS SEE 210F					
-	5374388	CROSSOVER ASM, BRD TO BUS FOR COMPONENTS SEE 210G					
- 3	92784	. TERMINAL, RING INS 18/20AWG NO.8 MTG HOLE					
- 4A	186962	. TERMINAL, RING INS 10/12AWG NO.8 MTG HOLE					
- 4D	334910	. TERMINAL, RING NO.16 THRU NO. 14 WIRE					
- 4E	334921	. TERMINAL, RING NO.22 THRU NO.18WIRE INSU					
- 4F	334932	. TERMINAL, RING NO.18 THRU NO.22WIRE INSU					
- 4G	360370	. TERMINAL-RING TOUNGUE NO.14-16 WIRE					
- 4K	2102617	. TERMINAL,ORING NO.10 STUD					
- 4M	2267995	. TERMINAL,RING,NO.8 STUJ 10/12 AWG					
- 6	2101326	. TERMINAL, RING,BARREL NO.12-10WIRE INSUL					
- 6A	2101327	. TERMINAL, RING INS 10/12AWG 1/4 MTG HOLE					
- 7	253740	. TERMINAL, RING INS 10-12AWG NO.6 MTG HOLE					
- 9A	335970	. TERMINAL, RING 8AWG 1/4 MTG HOLE					
- 10	359695	. TERMINAL, RING LUG NO.10 STUD					
- 12D	186962	. TERMINAL-RING,6 STUJ					

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
32 - 14	92786	. TERMINAL,INS 18/20AWG NO.4 MTG SLOT SPAD					
- 15	368222	. TERMINAL, NO.8 STUD 16/14 WIRE SPADE					
- 16B	187460	. TERMINAL,NONINS 20AWG NO.8 MTG SLOT SPAD					
- 16D	313361	. TERMINAL, SPADE 0.119 ID- 22, 24 AWG					
- 17A	603152	. TERMINAL,SPADE INS 14/16AWG NO.6 MTG SLO					
- 18A	813195	. TERMINAL,DISCRETE WIRE,22/26AWG					
- 19	339156	. TERMINAL, SLIP ON TAPER TAB					
- 21A	523267	. TERMINAL,QUICK DISCONNECT- 14/18AWG					
- 22A	5353852	. TERMINAL,CONTACT FEMALE,NO.16/20 WIRE					
- 23	236916	. TERMINAL-CONTACT FEMALE 24-22 AWG					
- 24	236915	. TERMINAL-CONTACT FEMALE 20-18 AWG					
- 24A	2158688	. TERMINAL, QUICK DISCONNECT, 18/20AWG					
- 26A	609687	. TERMINAL, CONTACT 18/22AWG					
- 26B	2145170	. TERMINAL,QUICK DISCONNECT- 16/18AWG					
- 27A	600844	. TERMINAL, SMALL TAPER, 55-24 AWG					
- 27B	187243	. TERMINAL, SMALL TAPER 20-22-24 OR 26 AWG					
- 28A	360433	. TERMINAL-TAPER PIN 16/18AWG 0.073 NOM OD					
- 29A	2180671	. TERMINAL ASM, FEMALE 8-10 AWG					
- 31	5362301	. TERMINAL, LARGE SERPENT, 22/26AWG					
- 31A	5362302	. TERMINAL, SMALL SERPENT 28/32AWG					
- 32	2114531	. TERMINAL, TAPER, 22/24AWG					
- 32A	2123478	. TERMINAL, TAPER 18/20AWG					
- 34A	815934	. TERMINAL, DISCRETE WIRE (22/26AWG)					
- 34B	767684	. TERMINAL DISCRETE WIRE (22/26 AWG)					
- 36	2122258	. TERMINAL, CONTACT PIN MALE 20/22AWG					
- 36A	2122260	. TERMINAL, CONTACT PIN MALE, 18/16AWG					
- 36B	2127867	. TERMINAL, CONTACT PIN MALE, 24/26AWG					
- 40	2122259	. TERMINAL, CONTACT SOCKET, 20/22AWG					
- 40A	2122261	. CONTACT AWG 18-16					
- 40B	2127890	. TERMINAL, CONTACT SOCKET, 24/26AWG					
- 43	368596	. TERMINAL, CONTACT PIN, 14/16AWG					
- 50	2180796	. JACKSCREW, FIXED					
- 52	97528	. CONNECTOR, MALE, 1422AWG					
- 53B	2123028	. SOCKET,JACKSCREW,6-32 INSIDE THD,4-40 OUTSIDE THD					
- 54B	2123029	. STUD,JACK SCREW,4-40					
- 56	360363	. CONNECTOR,BUTT-14 AWG BLUE INS					
- 57	767682	. TERMINAL,SLOTTED TONGUE,22/16 AWG,NO. 8 STUD					
- 57A	767683	. TERMINAL,SLOTTED TONGUE,16/14 AWG,NO. 8 STUD					
- 57B	767686	. TERMINAL,SLOTTED TONGUE,22/16 AWG NO. 6 STUD					
- 59	2246295	. CONNECTOR, BNC, CRIMP					
- 60	2227454	. SOCKET,COAX CONNECTOR					
- 62	2227452	. FERRULE, COAX					
- 64	2227453	. BUSHING, COAL CONNECTOR					
- 65B	2178470	. SLEEVE,INSULATING 0.308 DIA X 0.75 LG					
- 65C	2184183	. SLEEVE, INSULATING					
- 67B	2178469	. FERRULE-SHIELDED WIRE 0.150 ID					
- 68B	2184182	. FERRULE-SHIELDED WIRE					
- 69	2180666	. SPRING, RETENTION, COAX CONNECTOR					
- 72	2181278	. SHIM,CABLE CLAMP					
- 78A	5352960	. STRAIN RELIEF					
- 88	811802	. GUIDE-CARD,6 PAC					
- 113	725557	. PLUG, CONNECTOR, 3 CIRCUIT					
- 116	5353851	. HOUSING-CONNECTOR RECEPTACLE, 3 POS					
- 117	523269	. HOUSING,RECEPACLE 6 CIRCUIT					
- 118A	2122625	. CONNECTOR,FEMALE,104 POS					
- 125	2180672	. BLOCK, RECEPTACLE, 29 POSITION					
- 132	1142533	. CONNECTOR HOUSING,5 POS					
- 133	5353869	. CONNECTOR BLOCK -STYLE B					
- 134	5353867	. CONNECTOR BLOCK - STYLE A					
- 134A	5353868	. CONNECTOR BLOCK-STYLE B					
- 137	2181337	. ADAPTER,CONNECTOR EXT.					
- 140	813197	. HOUSING-TERMINAL					
- 146	5362306	. COVER, CONNECTOR BLOCK					
- 150	5213092	. TERMINAL,WRAP,SOLDER					
- 151	2123030	. JACK SCREW,SOCKET,6-32					
- 152	2123031	. JACK SCREW,STUD,6-32					
- 155A	538724	. PLUG,MALE,3 WIRE 4 POLE 60 AMP					
- 159G	2180662	. PLUG, BOX TYPE, 7 POSITION, MALE					
- 167	2180663	. CLAMP, CABLE					
- 168A	2180659	. CONNECTOR, CABLE, 7 POSITION, FEMALE					
- 170	216429	. RESISTOR,FXD COMP,150 OHMS P/M 5 PERCENT 0.25 WATT					
- 194	5353896	. STRAIN RELIEF ASSEMBLY					
- 195	5353858	. . BLOCK,STRAIN RELIEF					
- 196	NO NUMBER	. . PAD,NEOPRENE,25-114,0.23 X 1.5 LONG					
- 209	813681	. . CONTACT, MINITURE BUS					
- 210E	767674	. CORSSOVER ASM, BRD TO BUS					
- 210F	5374110	. CROSSOVER ASM, BRD TO BUS					

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