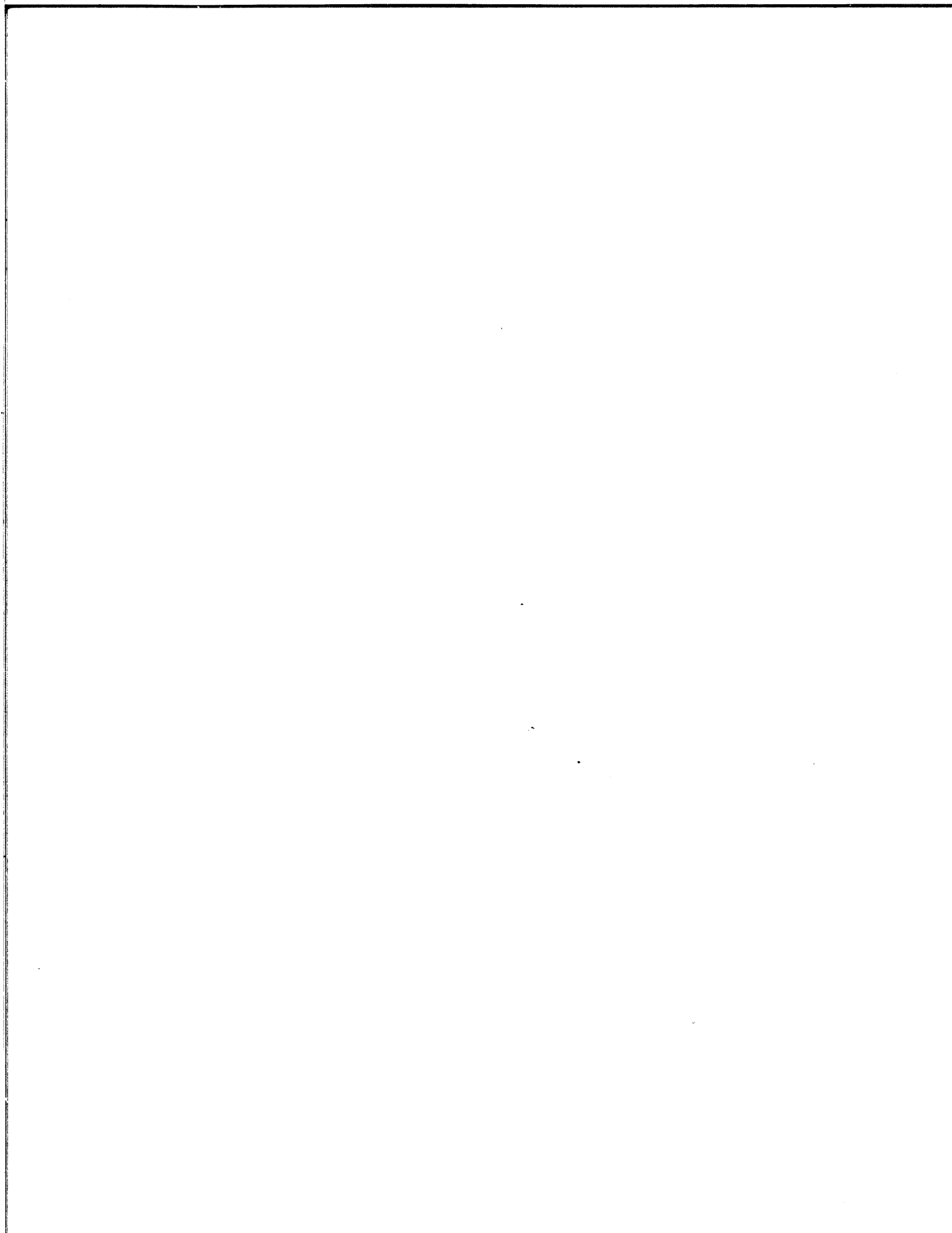


**NOVA<sup>®</sup> 4  
16 SLOT**

**ILLUSTRATED  
PARTS BREAKDOWN**

016-000940-00



**NOVA<sup>®</sup> 4  
16 SLOT**

**ILLUSTRATED  
PARTS BREAKDOWN**

016-000940-00

## Notice

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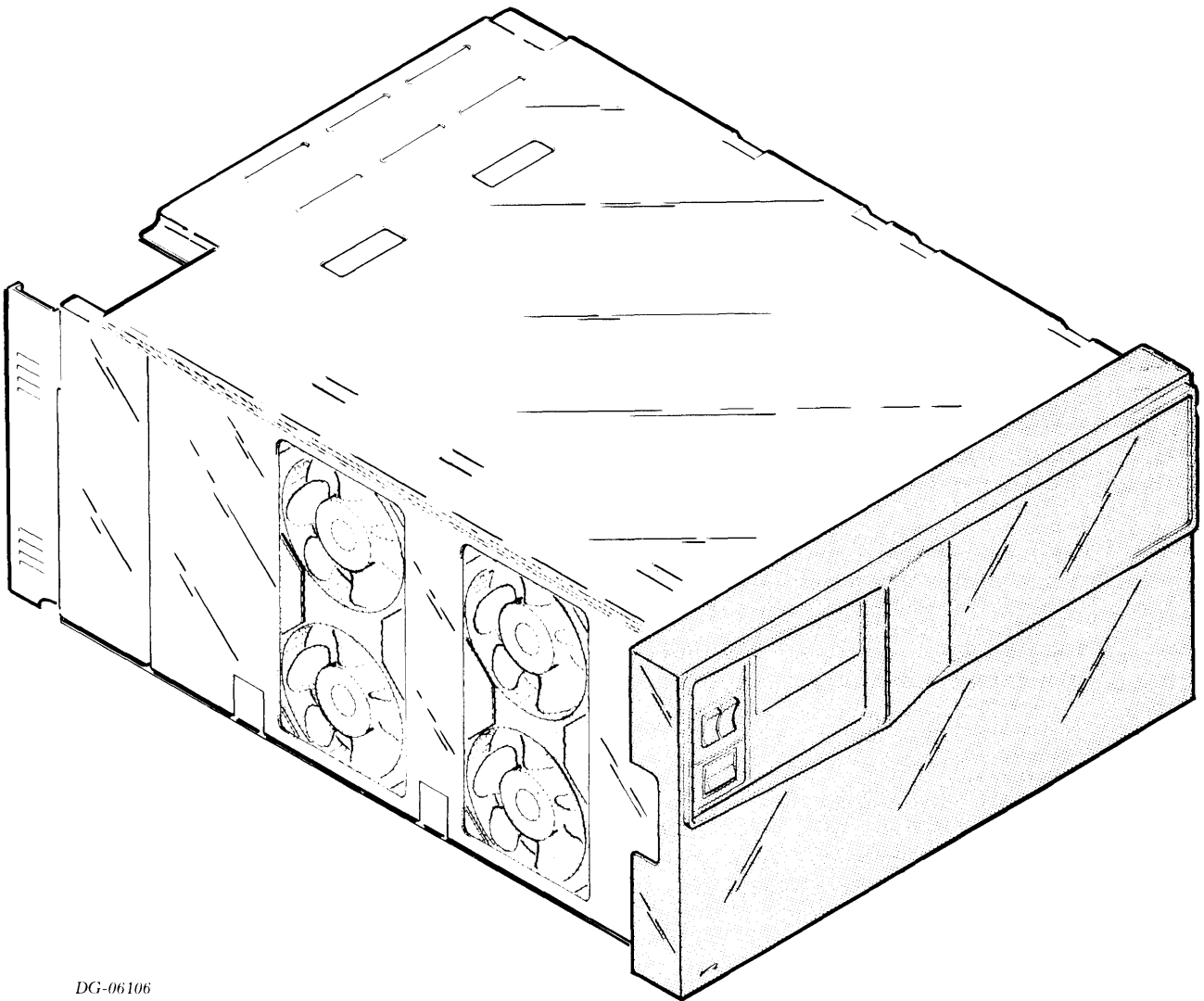
# NOVA® 4 16 SLOT

## Illustrated Parts Breakdown

### PREFACE

*The Illustrated Parts Breakdown is a pictorial representation of the NOVA® 4 16 SLOT C.P.U., it shows what parts are required and how they fit within the subsystem. Each part listed is identified with a unique DGC ordering number.*

*The first drawing (page I-2) illustrates the major assemblies of the subsystem, and subsequent drawings illustrate and list each part of the major assemblies. The printed circuit board subassemblies are listed, their component parts are given on 016 drawings which are listed but not included. (001) schematics and (003) PCB artwork drawings are referenced but not included.*



DG-06106

**NOVA 4, 16 SLOT CHASSIS**

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2	HARDWARE MOUNTING KIT
4	HARDWARE I/O MOUNTING KIT
<b>APPENDIX A</b>	<b>PREFIX CODE TABLE</b>

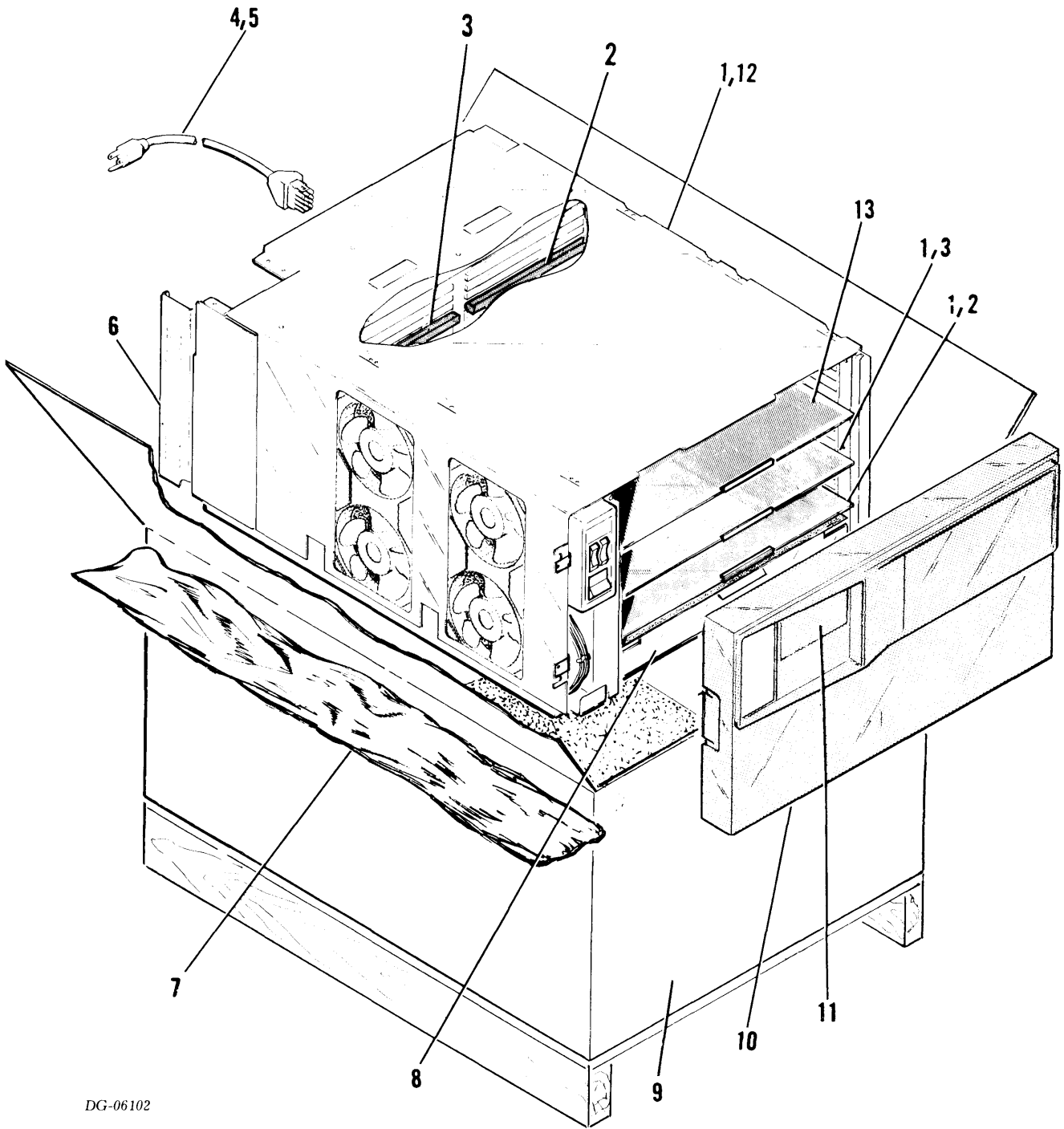




# **CHAPTER I**

# **SUBSYSTEM & PACKAGING**

# SUBSYSTEM KEY SHEET

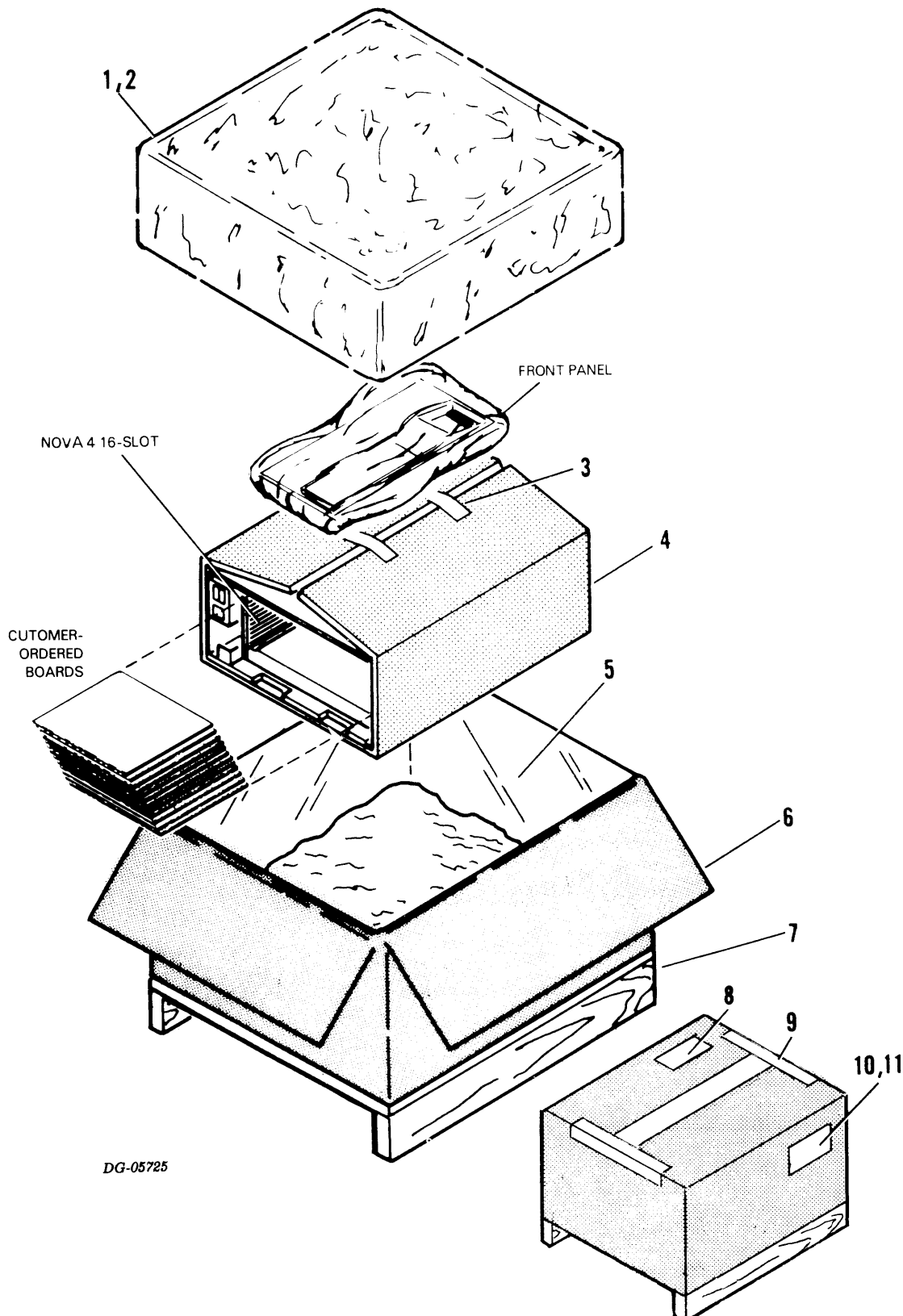


DG-06102

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SHIPPING PACKAGE



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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
I-4	<b>SHIPPING PACKAGE</b>	1	<b>044000051</b>	I-2
1	PART A FOAM IN PLACE (LB.)	2.0	129000319	
2	PART B FOAM IN PLACE (LB.)	2.0	129000320	
3	PERMACEL TAPE	1 FT	129000026	
4	SLEEVE	1	129000321	
5	POLYFILM 100''	16 FT	129000315	
6	RSC 36 X 27 X 19.25	1	129000318	
7	PALLET 36 X 27	1	129000316	
8	PKG LIST ENVELOPE	1	129000042	
9	TAPE	A/R	129000027	
10	DGC SHIPPING LABEL	1	129000030	
11	CLEAR SCOTCH TAPE	2 FT	129000051	

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## 16 SLOT STANDARD & OPTIONAL P.C.B.

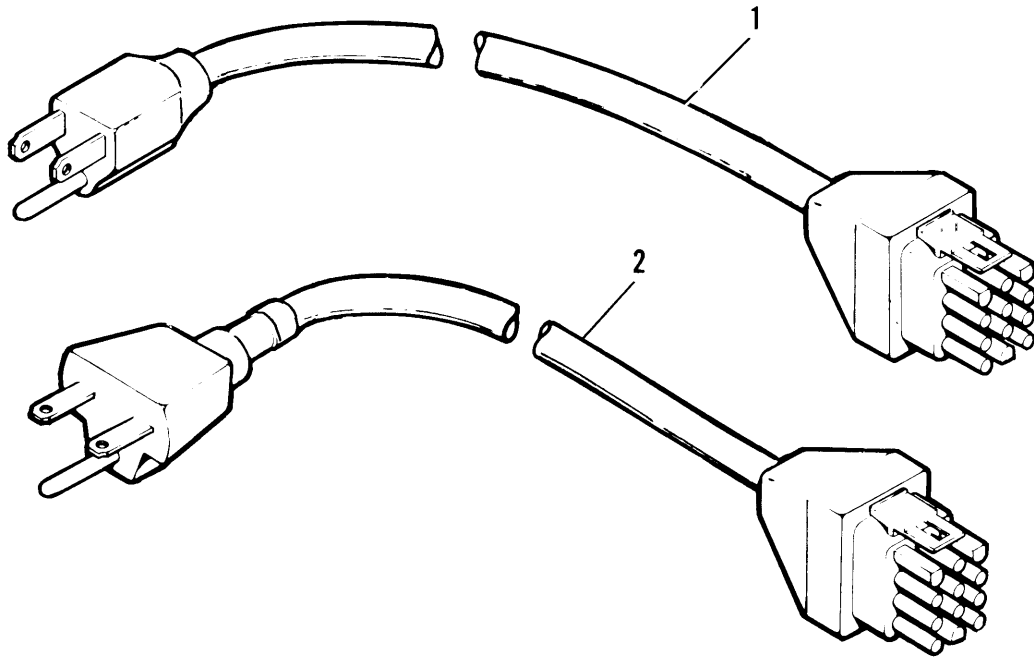
ASSY	DESCRIPTION	IPL	SCHEM	PHYS	ARTWORK
005012061	P/S P.C.B W/O BBU	016000688	001001524	003000953	107000953
005012064	P/S W/ BBU (TESTED)	016000688	001001524	003000953	107000953
005012067	CPU BASIC (TESTED)	016000677	001001624	003001323	?
005012070	N.S.	X	X	X	X
005012073	BACK PANEL PCB (TESTED)	016000675	001001563	003000973	107000973
005012078	FRONT PANEL PCB	016000661	001001585	003000990	107000990
005012128	16K SC MEMORY (TESTED)	016000674	001001229	003001320	107000813
005012130	16K ERCC SC MEMORY TESTED	016000672	001001229	003001320	107000813
005012132	32K SC MEMORY (TESTED)	016000671	001001229	003000813	107000813
005012134	32K ERCC SC MEMORY TESTED	016000673	001001229	003000813	107000813
005012138	64K ERCC SC MEMORY (TESTED)	016000672	001001229	003001320	107000813
005012142	128K ERCC SC MEMORY TESTED	016000673	001001229	003000813	107000813
005012371	VNR DGC CMPTR	016000670	001001523	003000985	107000985
005012373	PCB FPU (TESTED)	016			
005012387	N.S.				
005012388	N.S.				
005012416	DGC NOVA JR. CPU BSC				
005012429	PCB VNR (TESTED)	016000670	001001523	003000985	107000985
005012787	DGC NOVA CPU UNMAP W/MUL DIV	016000677	001001624	003001323	?
005013423	POWER SUPPLY FILTER BRD.	016000693	001001621	003001322	107001322
005013424	N.S.				
005013542	N.S.				
005013547	N.S.				
005013548	N.S.				
005013549	N.S.				
005013550	N.S.				
005013551	N.S.				
005013552	N.S.				
005013553	N.S.				
005013554	N.S.				
005013555	N.S.				
005013556	N.S.				
005013557	N.S.				
005013558	N.S.				
005013698	N.S.				
005013699	N.S.				

DG-06105

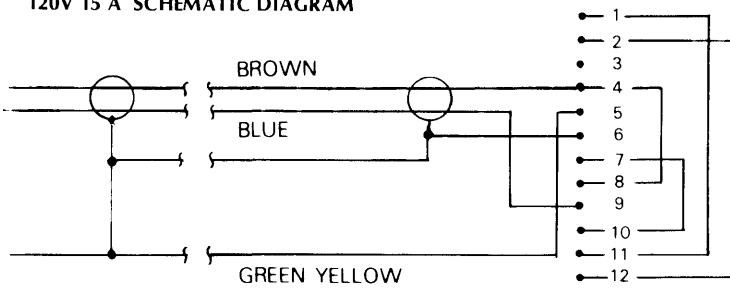
# **CHAPTER II**

## **EXTERNAL CABLES**

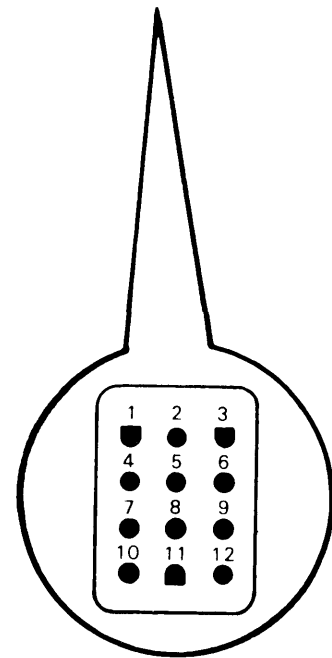
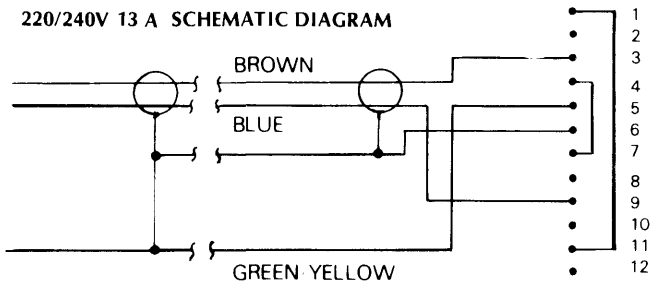
# LINE CORD 50 & 60 HZ



120V 15 A SCHEMATIC DIAGRAM



220/240V 13 A SCHEMATIC DIAGRAM



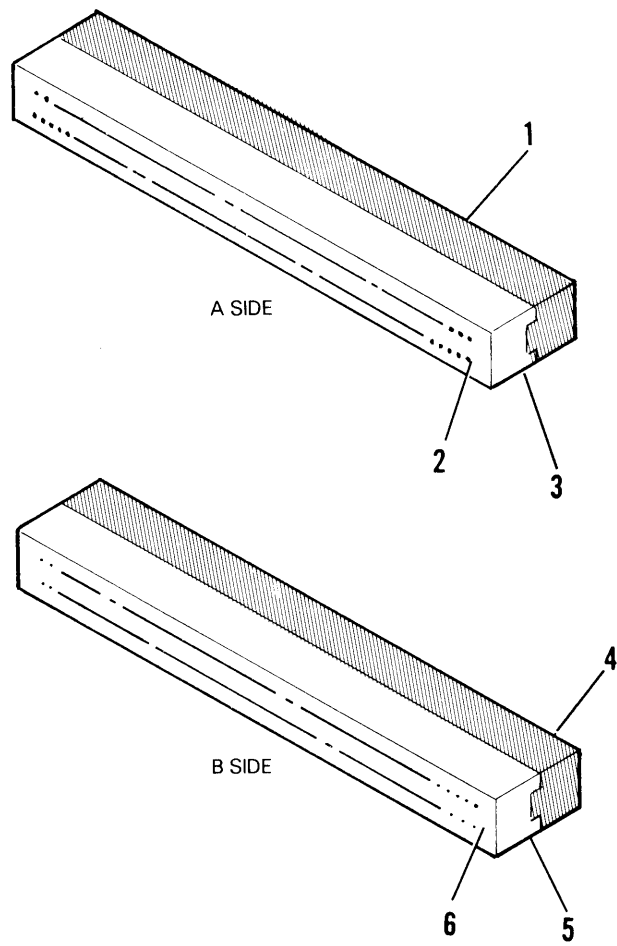
DG-06107



PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-2 1 2	LINE CORD 60 HZ LINE CORD 50 HZ	1 REF	109000445 109000456	I-2 I-2

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# TERMINAL CABLE PLUG A & B SIDE



DG-06108

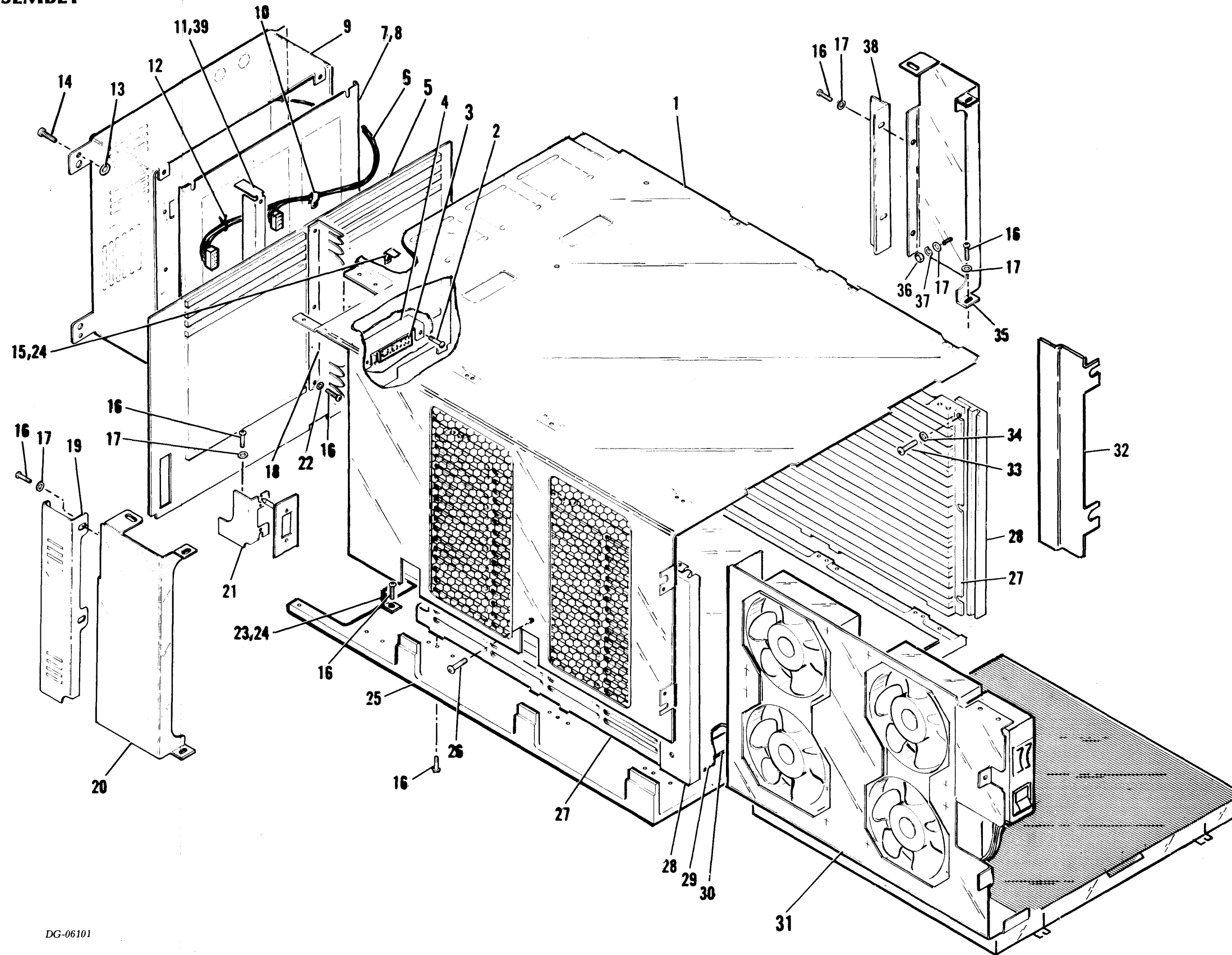
PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-4				
1	TERM CABLE PLUG (A SIDE)	1	005012438	I-2
2	CONN PIN	44	111000508	
3	CONN HOUSING	1	111000964	
4	TERM. CABLE PLUG (B SIDE)	1	005012439	I-2
5	CONN P/N	44	111000508	
6	CONN HOUSING	1	111000964	

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**CHAPTER III  
MAIN ASSEMBLY**

# MAIN ASSEMBLY



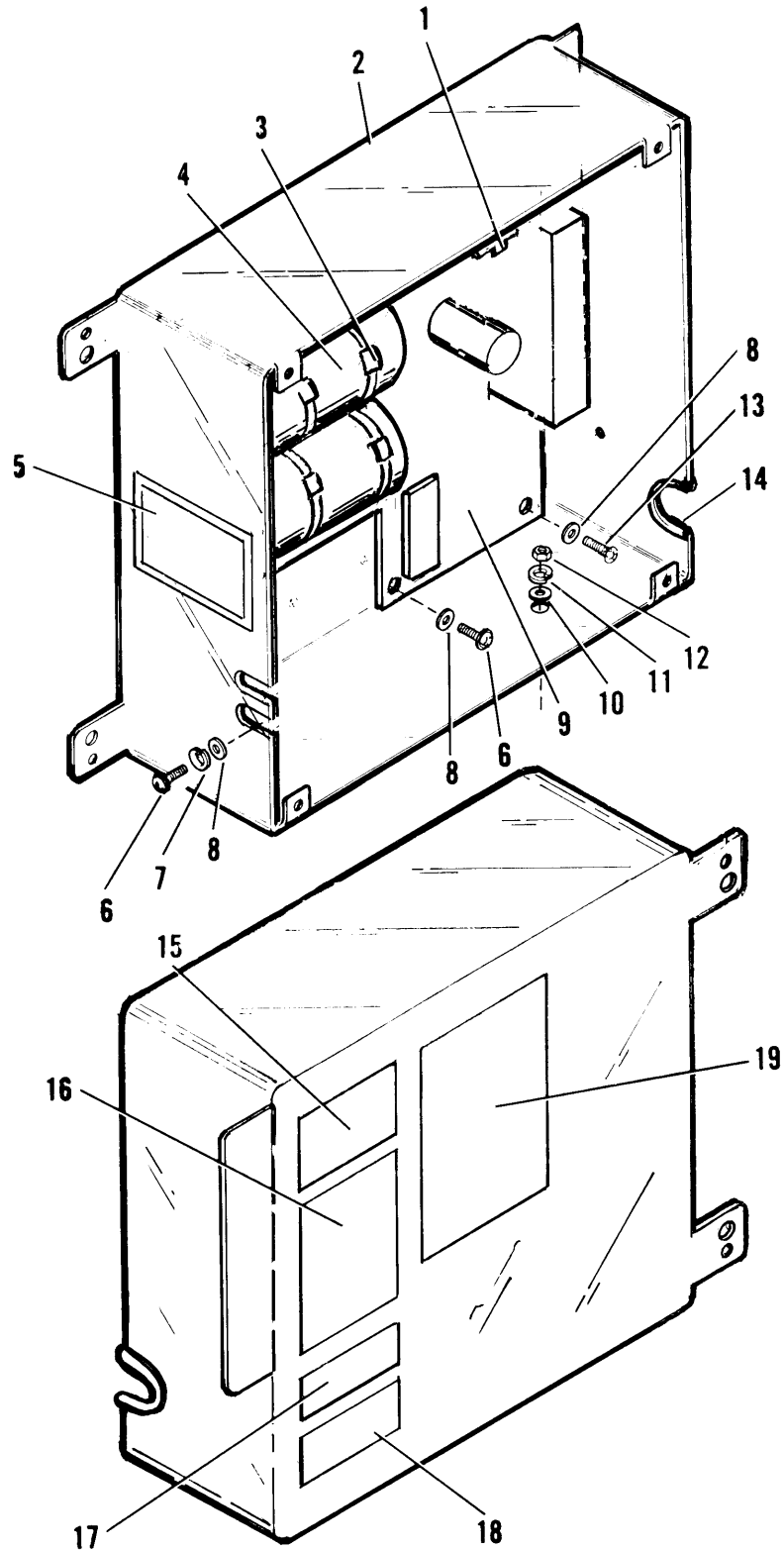
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-2	<b>MAIN FRAME DGC 16 SLOT</b>		<b>005012060</b>	I-2
1	CVR CHASSIS	1	002008191	
2	SCR PHH PNH PLASTITE SCDP #6 X 1/2	2	106000853	
3	<b>MARGINING PLUG B/P P/S 20POS DGC</b>	1	<b>005012863</b>	III-10
4	CVR PWR CONNECTOR DGC-20	1	002009917	
5	<b>B/P PCB TSTD DGC</b>	1	<b>005012073</b>	I-6
6	<b>PWR CA INTERCONNECT DGC-20</b>	1	<b>005012489</b>	III-8
7	MOLDED NYL FLEX GROMMET STRIPS	2	123001453	
8	CVR VNR CHASSIS	1	002009920	
9	<b>VNR CHASSIS DGC</b>	1	<b>005012074</b>	III-4
10	CLAMP CBL WECKES T-4 3/8-4NA	2	123000432	
11	STIFFENER B/P CENTER	1	002008199	
12	SSC2S-S10 1 3/4	2	123000027	
13	RING SPLIT RETAINING	2	106001411	
14	FSTNR 1/4 SOUTHCO 82-19-16016	2	123000566	
15	BRKT TOP CATCH DGC-20	1	002009504	
16	SCR PHH PNH TF SCDP M4 X 8MM LG	54	106001390	
17	WSHR FLAT SCDP METRIC SIZE M4 REG	26	106000984	
18	CARD GUIDE B/P	1	002007979	
19	BRKT MTG STR RLF LEFT REAR	1	002007983	
20	BACK PLATE, LEFT DGC 20 SLOT	1	002009488	
21	BRKT, BULKHEAD CONNECTOR	1	002009485	
22	WSHR FNSH NYL #10	1	106000493	
23	BRKT BOTTOM CATCH DGC 20	1	002009505	
24	CLIP-ON SOUTHCO 82-47-104-15	2	123000438	
25	BASE (CASTING)	1	002007995	
26	SCR PHH PNH TF SCDP M4 X 4MM LG	3	106001394	
27	CARD GUIDE (CASTING)	2	002007994	
28	RAIL EJECTOR	2	002007981	
29	INSULATOR HSG DGC-20	1	002009918	
30	DOUBLE-SIDED 1" SCOTCH TAPE 108 FT RL	A/R	120000144	
31	<b>FAN MODULE DGC</b>	1	<b>005012076</b>	III-6
32	BRKT MTG RIGHT FRONT	1	002008194	
33	SCR PHH PNH TF SCDP M3 X 8MM LG	6	106001158	
34	WSHR FLAT SCDP METRIC SIZE M3 REG	10	106000983	
35	BACK PLATE, RIGHT	1	002009515	
36	NUT HEX SCDP METRIC SIZE M4	3	106001019	
37	WSHR LOCK SPLIT SCDP METRIC M4	3	106000988	
38	BRKT MTG RIGHT REAR	1	002008195	
39	MECH PT INSULATOR B/P STIFFENER	1	002007976	
N/A	LBL INT WARNING DGC-20	1	002010182	III-16
N/A	DWG BASE LBL DGC	REF	051000079	
N/A	GROMMET RICHCO PGS #2 SOL POLY	1	123000070	

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# VNR CHASSIS



DG-06100

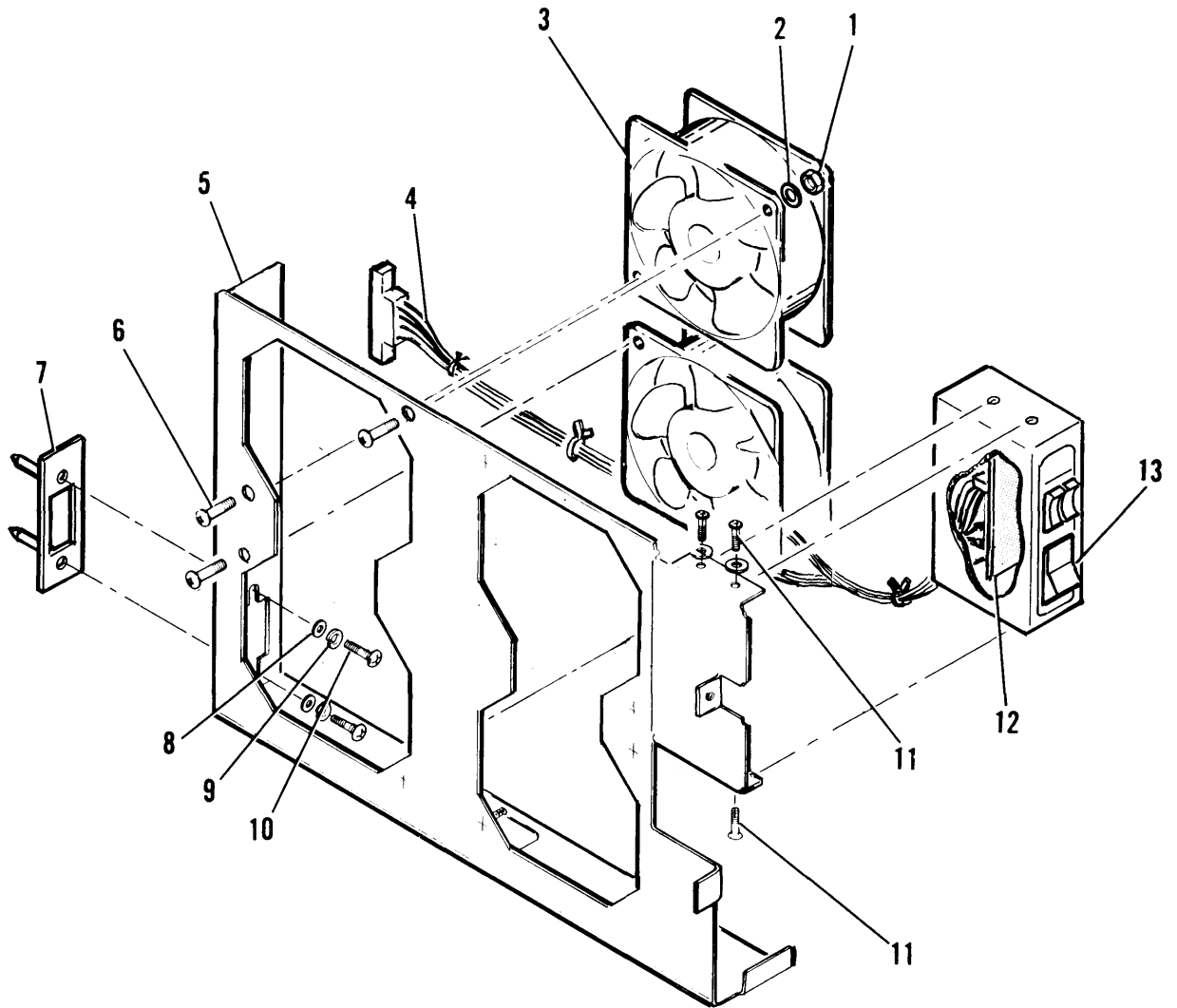
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
<b>III-4</b>	<b>VNR CHASSIS DGC</b>		<b>005012074</b>	
1	DIODE BRIDGE MDA 3506 DGC P/S	1	101000414	
2	CHASSIS VNR DGC 20	1	002009898	
3	CAP 3300.0000MF %200V	2	103000449	
4	CABLE WRAP 11.5LG	4	123000272	
5	LBL INT PWR WARNING DGC-20	1	002010183	
6	SCR PHH PNH SCDP M3 X 6MM LG	7	106001443	
7	WSHR LOCK SPLIT SCDP METRIC M3	9	106000986	
8	WSHR FLAT SCDP METRIC SIZE M3 REG	9	106000983	
<b>9</b>	<b>PCB VNR TSTD DGC CMPTR</b>	<b>1</b>	<b>005012429</b>	<b>I- 6</b>
	I.P.L	REF	016000670	
	SCHEM	REF	001001523	
	PHYS	REF	003000985	
	ARTWORK	REF	107000985	
	WRG HARN KIT JMPR VNR BOX	REF	018000539	
	WIRE TERMINATION	1	029004505	
10	WSHR FLAT SCDP METRIC SIZE M4 REG	2	106000984	
11	WSHR LOCK SPLIT SCDP METRIC M4	2	106000988	
12	NUT HEX SCDP METRIC SIZE M4	2	106001019	
13	SCR PHH PNH SCDP M3 X 0.5 X 8MM LG	2	106000996	
14	MOLDED NYL FLEX GROMMET STRIPS	3	123001453	
15	LBL INT FUSE WARNING DGC-20	1	002010181	<b>III-16</b>
16	PWR LBL MED BLUE	1	002008332	<b>III-16</b>
17	MODEL # LBL MED BLUE	1	002008328	<b>III-16</b>
18	SERIAL # LBL MED BLUE	1	002008330	<b>III-16</b>
19	DGC INTERNAL OPTION LBL	1	002010703	
	ASSY DWG CHASSIS VNR LBL DGC NO STRUCTURE	REF	051000077	

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# FAN MODULE



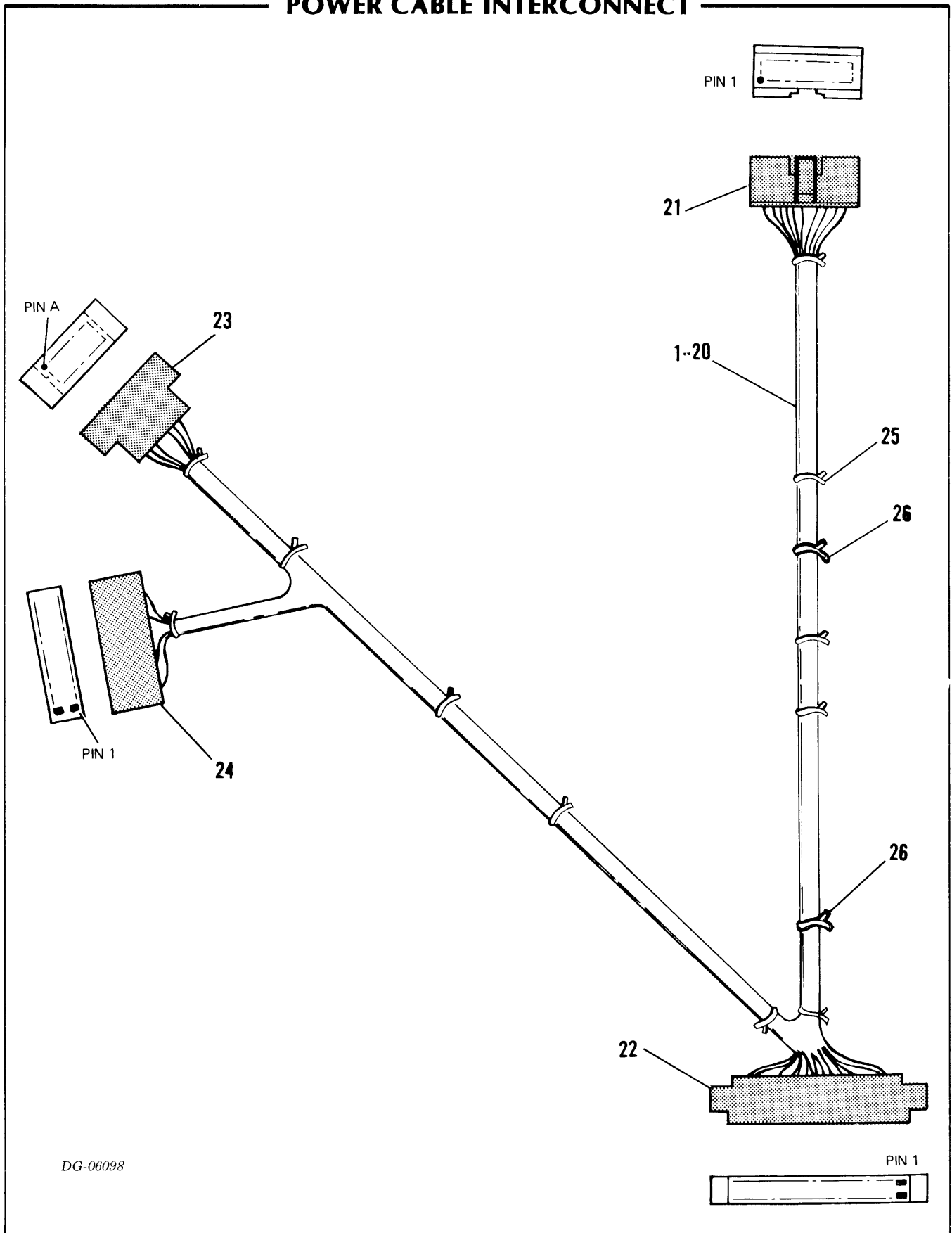
DG-06099

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-6	<b>FAN MODULE DGC</b>		<b>005012076</b>	III-2
1	NUT HEX SCDP METRIC SIZE M4	2	106001019	
2	WSHR LOCK SPLIT SCDP METRIC M4	2	106000988	
3	BLOWER MED PRFM 5" 115V AIR MVG TBAX	4	115000163	
4	<b>CTL FAN MODULE PWR/SIGNAL HARN</b>	1	<b>005012497</b>	III-14
5	CHASSIS CTL COOLING	1	002007990	
6	SCR PHH PNH TF SCDP M5 X 10MM LG	6	106001168	
7	GUIDE PLATE, CONN	1	002008228	
8	WSHR FLAT #6 .156 X .375 X .049 SCDP	2	106000461	
9	WSHR LOCK SPLIT SCDP METRIC M3	5	106000986	
10	SCR PHH PNH SCDP M3 X 0.5 X 8MM LG	2	106000996	
11	SCR PHH PNH TF SCDP M3 X 6MM LG	3	106001157	
12	<b>FRONT PNL PCB</b>	1	<b>005012078</b>	I-6
	IPL	REF	0160006:61	
	SCHEM	REF	001001585	
	PHYS	REF	003000990	
	ARTWORK	REF	107000990	
13	SWITCH PWR 2POLE 15AMP @125VAC ON-OFF	1	110000372	
	LBL INT P/S DIAG DGC-20	1	002010180	III-16

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# POWER CABLE INTERCONNECT



DG-06098

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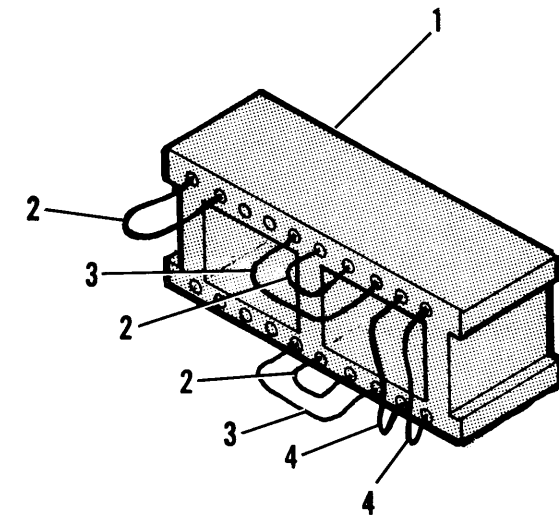
PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-8	<b>PWR CA INTERCONNECT DGC-20</b>		<b>005012489</b>	III-2
	SCHEM DGC SYSTEM INTERCONNECT	REF	001001607	
	FORM MISC PT ID LBL 3 1/2 X 1	1	013000672	
	WRG HARN PWR CA INTERCONNECT DGC-20	REF	018000478	
1	WIRE TERMINATION		029004237	
	WIRE 22AWG WHT 300V IPVC STRANDED	1	109000476	
	CONN PIN 20 TO 24 AWG WIN 10071120S	1	111000508	
	CONTACT .062 DIA F 20 AWG	1	111000990	
2	WIRE TERMINATION		029004238	
	WIRE 20 AWG BLK & TEL TW PR 300V IPVC	1	109000467	
	CONN CONT, RMVLB PIN .062 02-06-2101	2	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	2	111000958	
3	WIRE TERMINATION		029004239	
	WIRE 20 AWG BLK & GRN TW PR 300V IPVC	1	109000466	
	CONN CONT, RMVLB PIN .062 02-06-2101	2	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	2	111000958	
4	WIRE TERMINATION		029004240	
	WIRE 20 AWG BRN/GRY 300V IPVC	1	109000475	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
5	WIRE TERMINATION		029004242	
	WIRE 20GA YEL/BLK 300V IPVC	1	109000473	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
6	WIRE TERMINATION		029004243	
	WIRE 20GA YEL/RED 300V IPVC	1	109000472	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
7	WIRE TERMINATION		029004244	
	WIRE 20 AWG BLK & BRN TW PR 300V IPVC	1	109000470	
	CONN CONT, RMVLB PIN .062 02-06-2101	2	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	2	111000958	
8	WIRE TERMINATION		029004245	
	WIRE 20 AWG BLK & RED TW PR 300V IPVC	1	109000469	
	CONN CONT, RMVLB PIN .062 02-06-2101	2	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	2	111000958	
9	WIRE TERMINATION		029004246	
	WIRE 20 AWG BLK & ORG TW PR 300V IPVC	1	109000468	
	CONN CONT, RMVLB PIN .062 02-06-2101	2	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	2	111000958	
10	WIRE TERMINATION		029004252	
	WIRE 20GA YEL/BLU 300V IPVC	1	109000471	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
11	WIRE TERMINATION		029004253	
	WIRE 20 AWG WHT/YEL 300V IPVC	1	109000489	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
	CONTACT .062 DIA F 20 AWG	1	111000990	
12	WIRE TERMINATION		029004254	
	WIRE 20 AWG WHT/GRN 300V IPVC	1	109000488	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
	CONTACT .062 DIA F 20 AWG	1	111000990	
13	WIRE TERMINATION		029004255	
	WIRE 20GA GRN/TEL 300V	1	109000338	
	TERM R TNG #8STUD 22-16 AMP 2-31886-2	1	111000141	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
14	WIRE TERMINATION		029004256	

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
	WIRE 20 AWG WHT/ORG 300V IPVC	1	109000490	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
15	CONN CONTACT .062 DIA 16 AWG F	1	111000962	
	WIRE TERMINATION		029004257	
	WIRE 20 AWG WHT/RED 300V IPVC	1	109000491	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT .062 DIA 16 AWG F	1	111000962	
16	WIRE TERMINATION		029004258	
	WIRE 20 AWG WHT/BRN 300V	1	109000339	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONTACT .062 DIA F 20 AWG	1	111000990	
17	WIRE TERMINATION		029004259	
	WIRE 20 AWG WHT/BLK 300V IPVC	1	109000492	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT .062 DIA 16 AWG F	1	111000962	
18	WIRE TERMINATION		029004260	
	WIRE #20 AWG STRD YELLOW IPVC 300V	1	109000369	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT .062 DIA 16 AWG F	1	111000962	
19	WIRE TERMINATION		029004267	
	WIRE #20 AWG STRD VIO IPVC 300V	1	109000368	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT .062 DIA 16 AWG F	1	111000962	
20	WIRE TERMINATION		029004683	
	WIRE 20 AWG BRN/WHT 300V IPVC	1	109000474	
	CONN CONT, RMVLB PIN .062 02-06-2101	1	111000568	
	CONN CONTACT CARD EDGE 3.96MM CTRS	1	111000958	
21	CONN PLUG HSG 36POS 4.19MM CTRS	1	111000953	
22	CONN HSG CARD EDGE 2 X 15 3.96MM CTRS	1	111000957	
23	CONN HSG 26 CIRCUIT RECT	1	111000960	
24	CONN HSG 2 X 10 .125 X .250 CTRS	1	111000969	
25	SSTIM 3/4"	11	123000025	
26	SSC2S-S10 1 3/4	2	123000027	

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# MARGINING PLUG



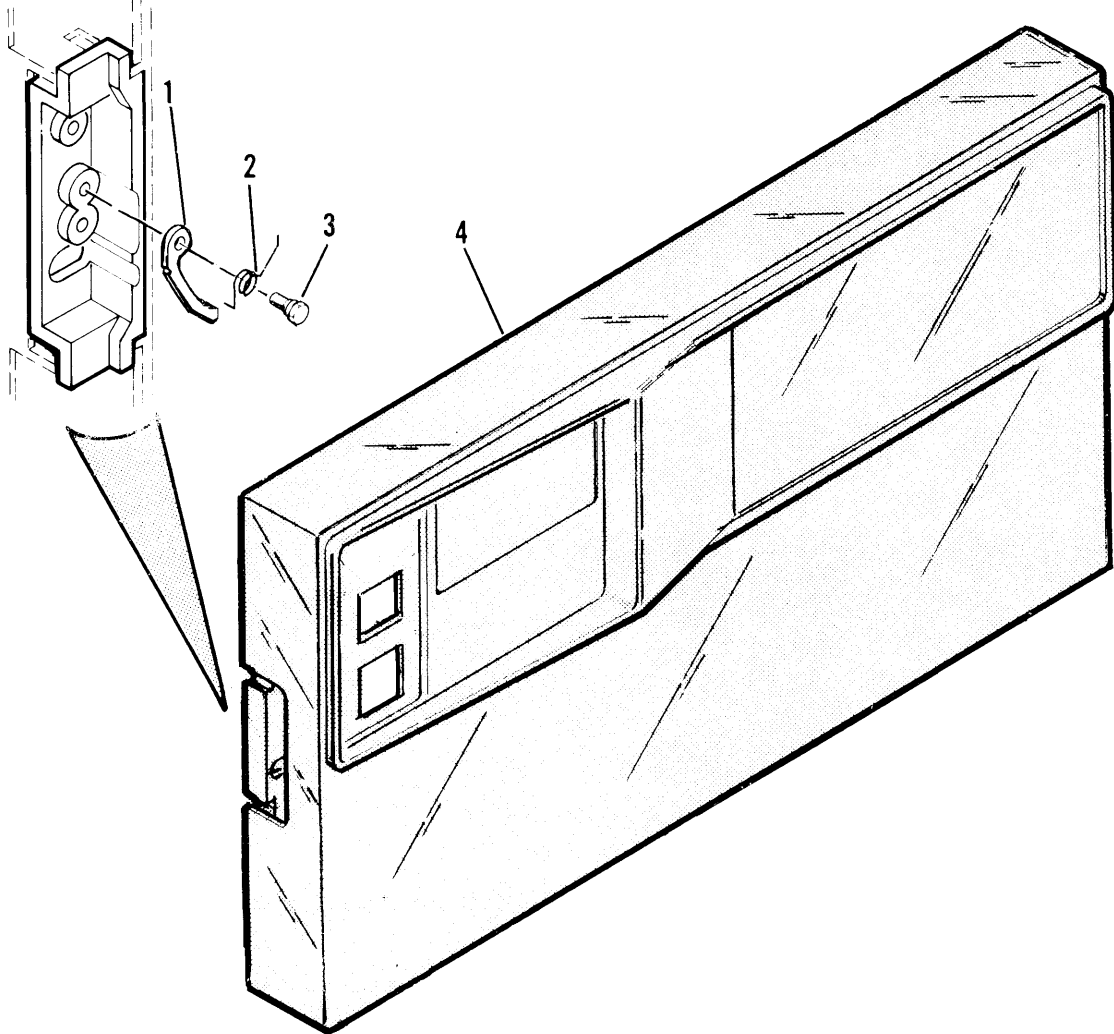
DG-06097

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# FRONT PANEL

NOTE: LATCH ASSEMBLY ROTATED  
180° FOR CLARITY.



DG-06096

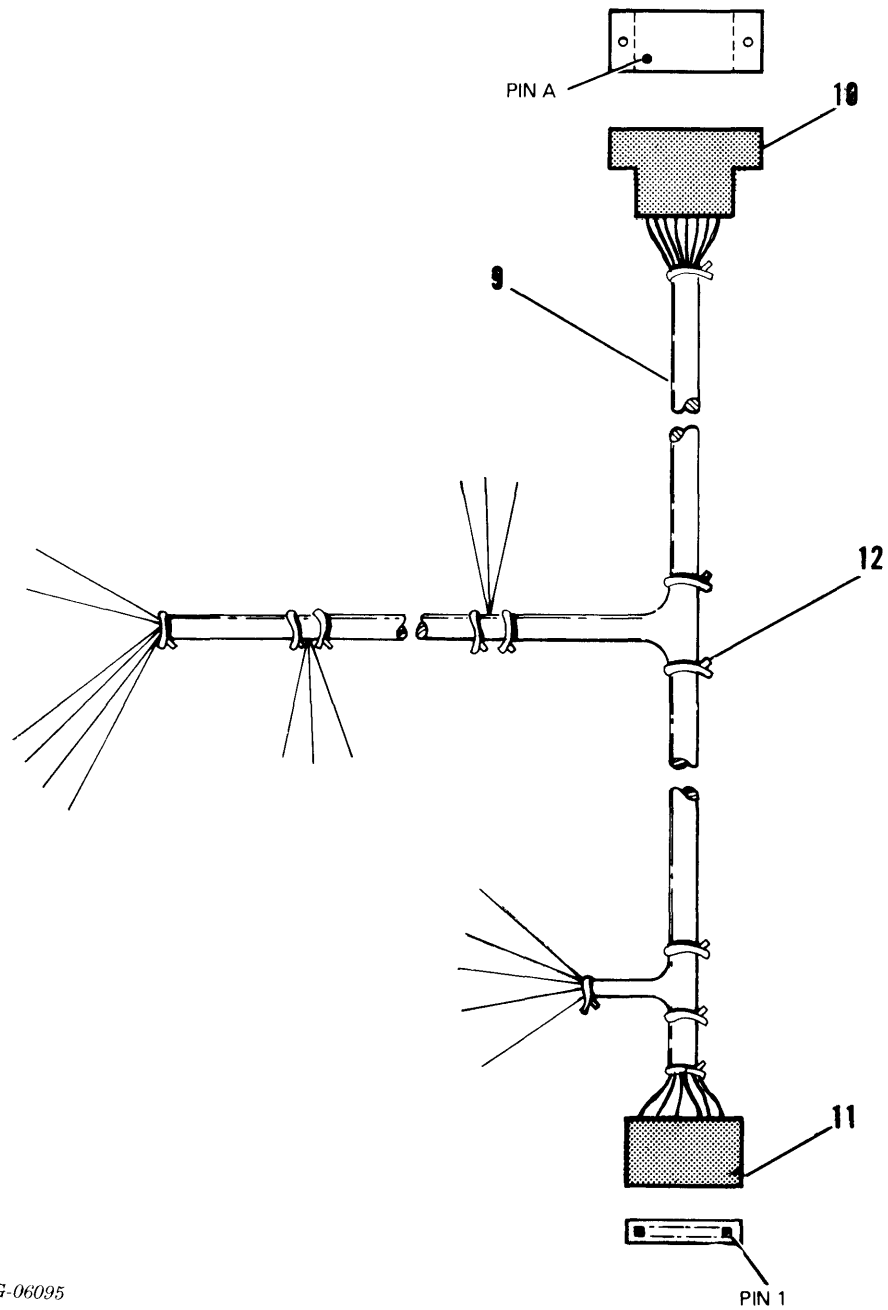
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-12	<b>FRONT PNL N/4 16 SLOT</b>		<b>005012065</b>	I-2
1	LATCH DGC 20	2	002009453	
2	SPRING LATCH	2	002009454	
3	SCREW SHOULDER DGC-20	2	002009456	
4	FRONT PNL 265.91 (ASSY) DGC-20	1	002009698	
5	KNOB LATCH	2	002009813	
	ENG DWG MLD PNL FAM RELATIONSHIP DIAG	REF	006000289	

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# CONTROL FAN MODULE POWER/SIGNAL HARNESS

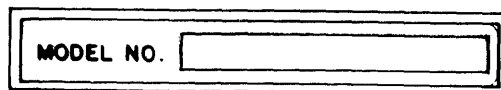
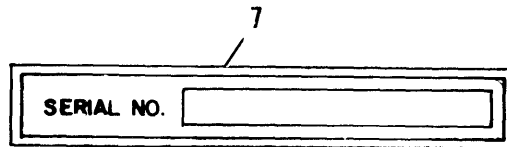
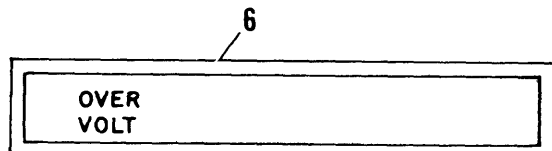
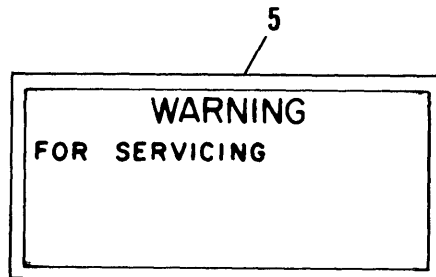
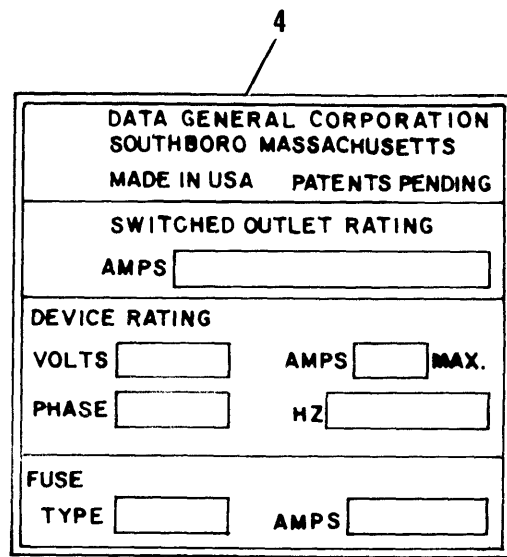
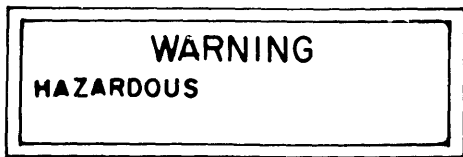
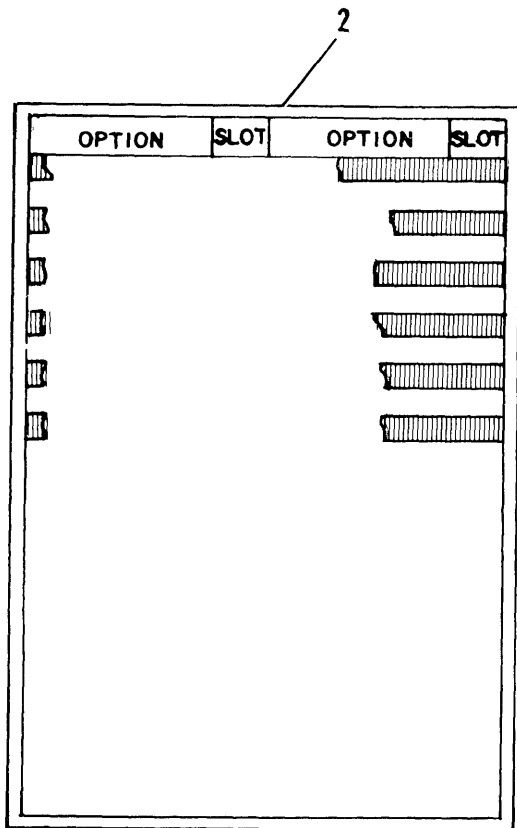
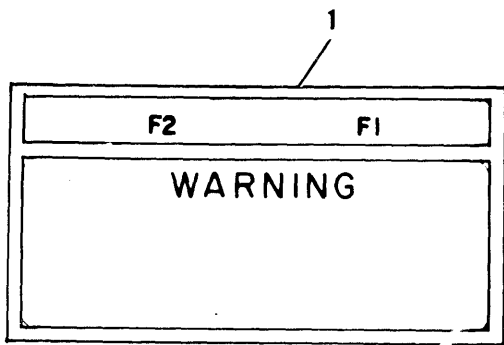


DG-06095

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-14	<b>CTL FAN MODULE PWR / SIGNAL HARN</b>		<b>005012497</b>	III-6
	SCHEM DGC SYSTEM INTERCONNECT	REF	001001607	
	FORM MISC PT ID LBL 3 1/2 X 1	1	013000672	
	WRG HARN CTL FAN MODULE PWR/SGL HARN	REF	018000479	
1	WIRE TERMINATION		029004247	
	WIRE 20GA YEL/RED 300V IPVC	1	109000472	
	CONN CONTACT .062 DIA M	1	111000963	
	CONN PIN .062 DIA AU PLATE 20 AWG	1	111001003	
2	WIRE TERMINATION		029004248	
	WIRE 22 AWG WHT 300V IPVC STRANDED	1	109000476	
	CONN PIN 20 TO 24 AWG WIN 10071120S	1	111000508	
	CONN PIN .062 DIA AU PLATE 20 AWG	1	111001003	
3	WIRE TERMINATION		029004249	
	WIRE 20 AWG WHT/BLK 300V IPVC	1	109000492	
	TERM RCPT 110SER 22-18 AWG S09770-T1	1	111000589	
	TERM RCPT 110SER 14-16 AWG S09779-T1	1	111000590	
	CONN CONTACT .062 DIA M	1	111000963	
4	WIRE TERMINATION		029004250	
	WIRE #20 AWG STRD VIO IPVC 300V	1	109000368	
	TERM RCPT 110SER 22-18 AWG S09770-T1	1	111000589	
	TERM RCPT 110SER 14-16 AWG S09779-T1	1	111000590	
	CONN CONTACT .062 DIA M	1	111000963	
5	WIRE TERMINATION		029004251	
	WIRE #20 AWG STRD YELLOW IPVC 300V	1	109000369	
	TERM RCPT 110SER 22-18 AWG S09770-T1	1	111000589	
	TERM RCPT 110SER 14-16 AWG S09779-T1	1	111000590	
	CONN CONTACT .062 DIA M	1	111000963	
6	WIRE TERMINATION		029004261	
	WIRE 20 AWG WHT/RED 300V IPVC	1	109000491	
	TERM RCPT 250 22-18 AWG S09778	1	111000588	
	CONN CONTACT .062 DIA M	1	111000963	
7	WIRE TERMINATION		029004263	
	WIRE 20GA YEL/BLU 300V IPVC	1	109000471	
	CONN PIN 20 TO 24 AWG WIN 10071120S	1	111000508	
	TERM RCPT 250 22-18 AWG S09778	1	111000588	
8	WIRE TERMINATION		029004264	
	WIRE 20 AWG WHT/ORG 300V IPVC	1	109000490	
	TERM RCPT 110SER 22-18 AWG S09770-T1	1	111000589	
	TERM RCPT 110SER 14-16 AWG S09779-T1	1	111000590	
	TERM RCPT 250 16-14 AWG S09787-T1	1	111000592	
9	WIRE TERMINATION		029004510	
	WIRE 20 AWG WHT/YEL 300V IPVC	1	109000489	
	TERM RCPT 250 22-18 AWG S09778	1	111000588	
	CONN PIN .062 DIA AU PLATE 20 AWG	1	111001003	
10	CONN HSG 26 CIRCUIT RECT	1	111000961	
11	CONN HSG 12 POS .1 CTRS	1	111000967	
12	STD PRT SSTIM 3/4"	12	123000025	

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# LABELS



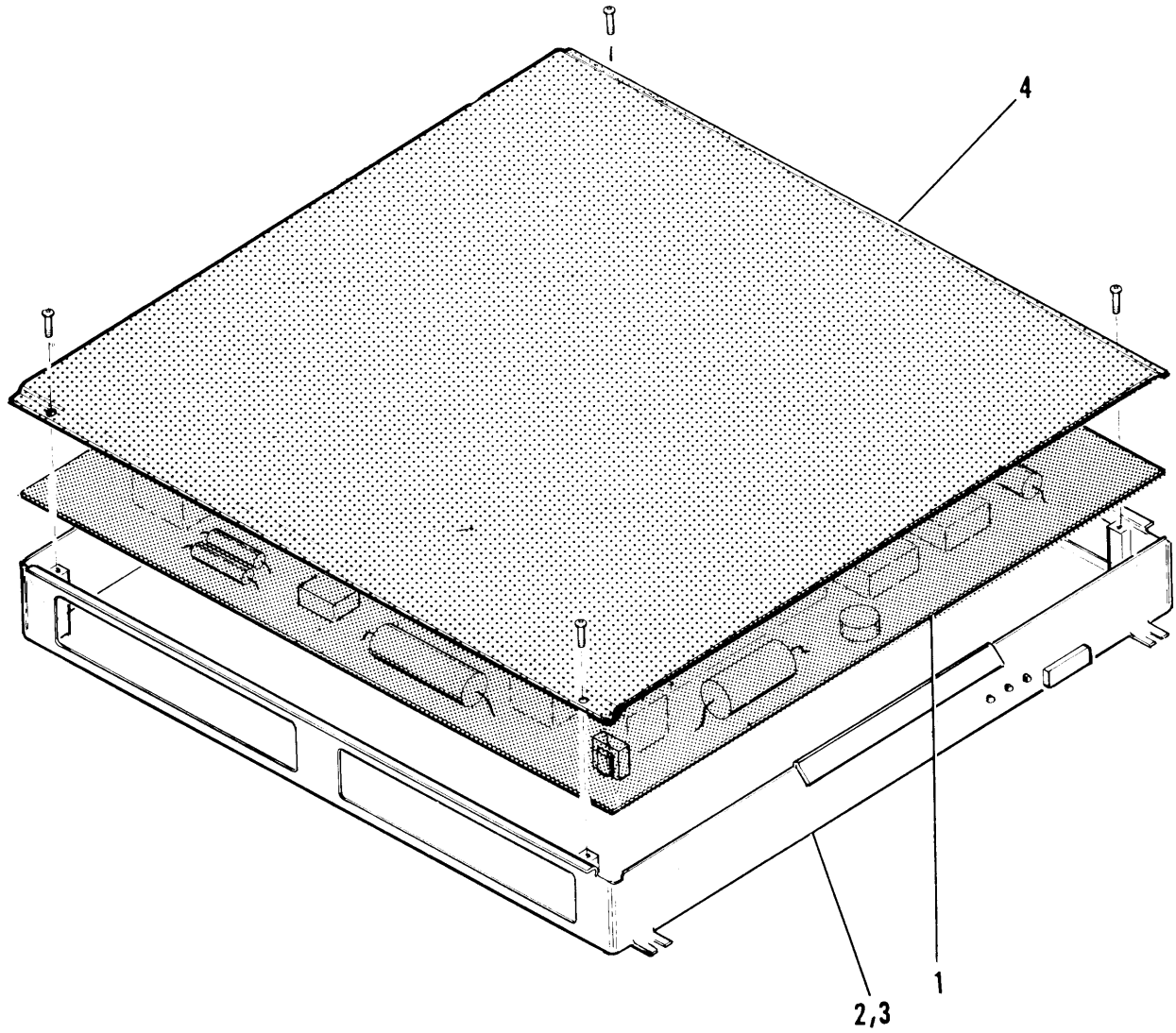
DG-06094

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-16				
1	INTERNAL FUSE WARNING LABEL		002010181	III-4
2	DGC INTERNAL OPTION LABEL		002010703	III-4
3	INTERNAL WARNING LABEL		002010182	III-4
4	POWER LABEL		002008332	III-4
5	INTERNAL POWER WARNING LABEL		002010183	III-4
6	INTERNAL POWER SUPPLY LABEL		002010180	III-4
7	SERIAL # LABEL		002008330	III-4
8	MODEL # LABEL		002008328	III-4

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# POWER SUPPLY P.C.B.



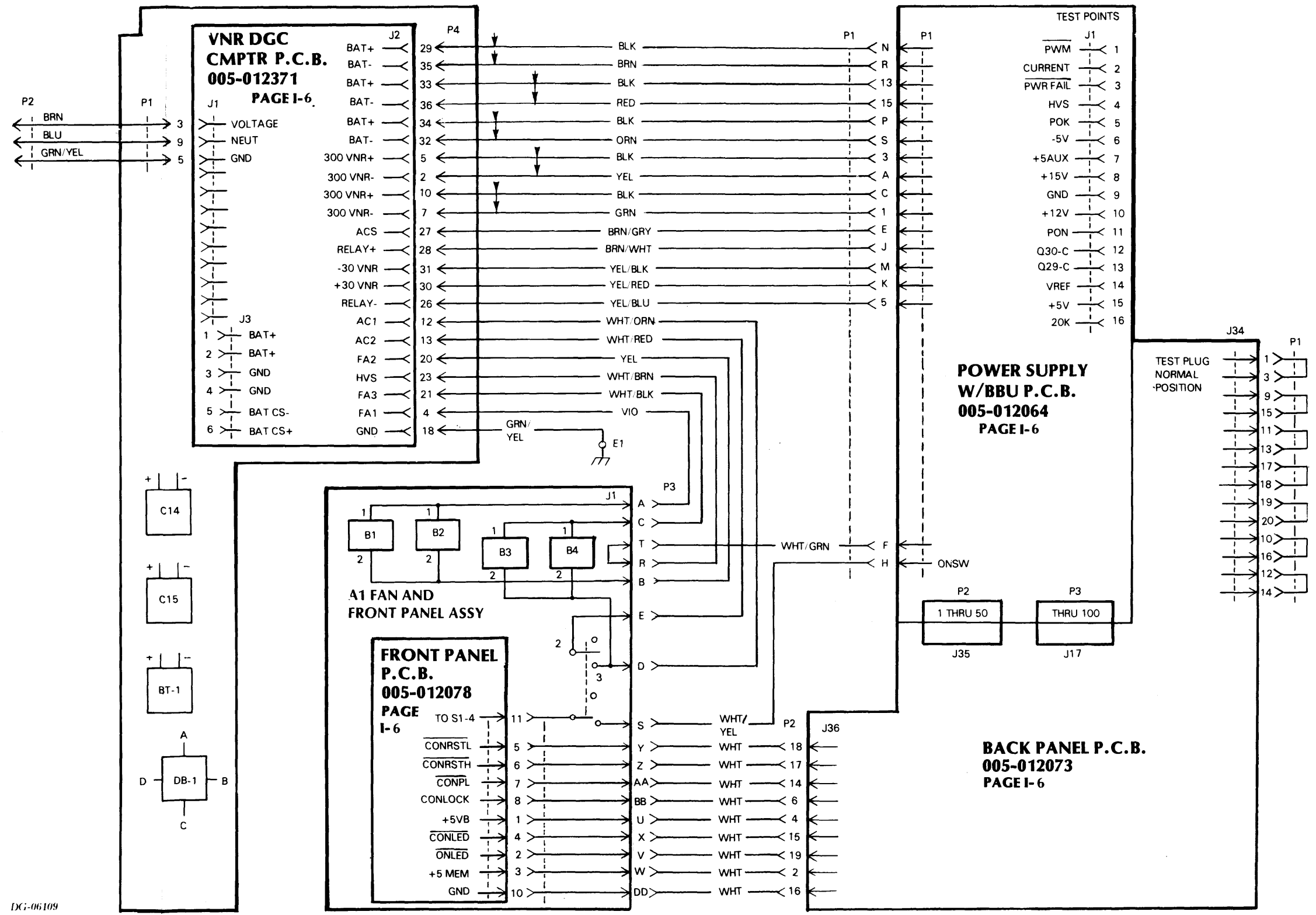
DG-06093

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-18 1	P/S PCB W/O BBU	1	005012061	I-2,I-6
	I.P.L.	REF	016000688	
	SCHEM	REF	001001524	
	PHYS	REF	003000953	
	ARTWORK	REF	107000953	
	P/S PCB W/ BBU	REF	005012064	I-2,I-6
	I.P.L.	REF	016000688	
	SCHEM	REF	001001524	
	PHYS	REF	003000953	
	ARTWORK	REF	107000953	
2	FRAME P/S	1	002007909	
3	BUSS BAR	1	002009483	
4	COVER	REF		

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# INTERCONNECTION DIAGRAM



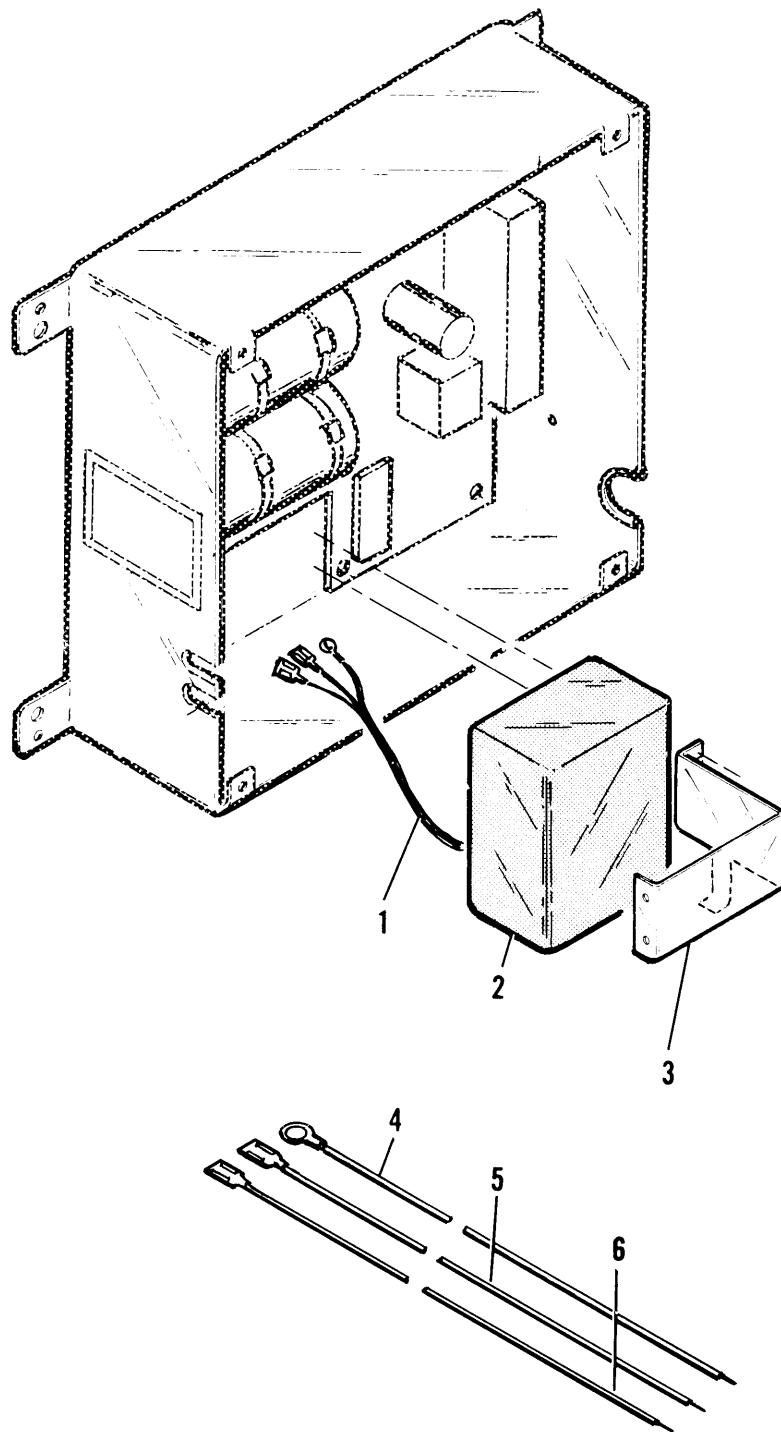
DG-06109

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# **CHAPTER IV OPTION BBU**

# BATTERY BACK UP KIT



DG-06092

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
IV-2				
1	<b>BATTERY BACK-UP DGC</b>		<b>005012080</b>	
2	<b>BBU CABLE DGC</b>	1	<b>005012082</b>	
3	<b>BATTERY CHARGED MICRONOVA</b>	1	<b>035007093</b>	
4	BRKT BATTERY VNR CHASSIS	1	002009922	
5	WIRE TERMINATION	1	029004506	
6	WIRE TERMINATION	1	029004507	
	WIRE #14 AWG STRD BLK IPVC 300V	1	029004506	
	TERM RCPT 250 16-14 AWG ETC #889141T	1	109000387	
	CONN AMP FSTON "187" RECP AMP 61697-1	1	111000034	
	<b>ASSY BATTERY CHARGED MICRONOVA</b>	1	111000188	
	PUR ASSY BATTERY 12V O52-60374, 60373	2	<b>005007093</b>	
	<b>ASSY BBU CABLE DGC</b>		118000536	
	SCHEM DGC P/S VNR	REF	<b>005012082</b>	
	WRG HARN KIT JMPR VNR BOX	REF	001001523	
	WIRE TERMINATION		018000539	
	NO STRUCTURE UNDER THIS PART		029004507	

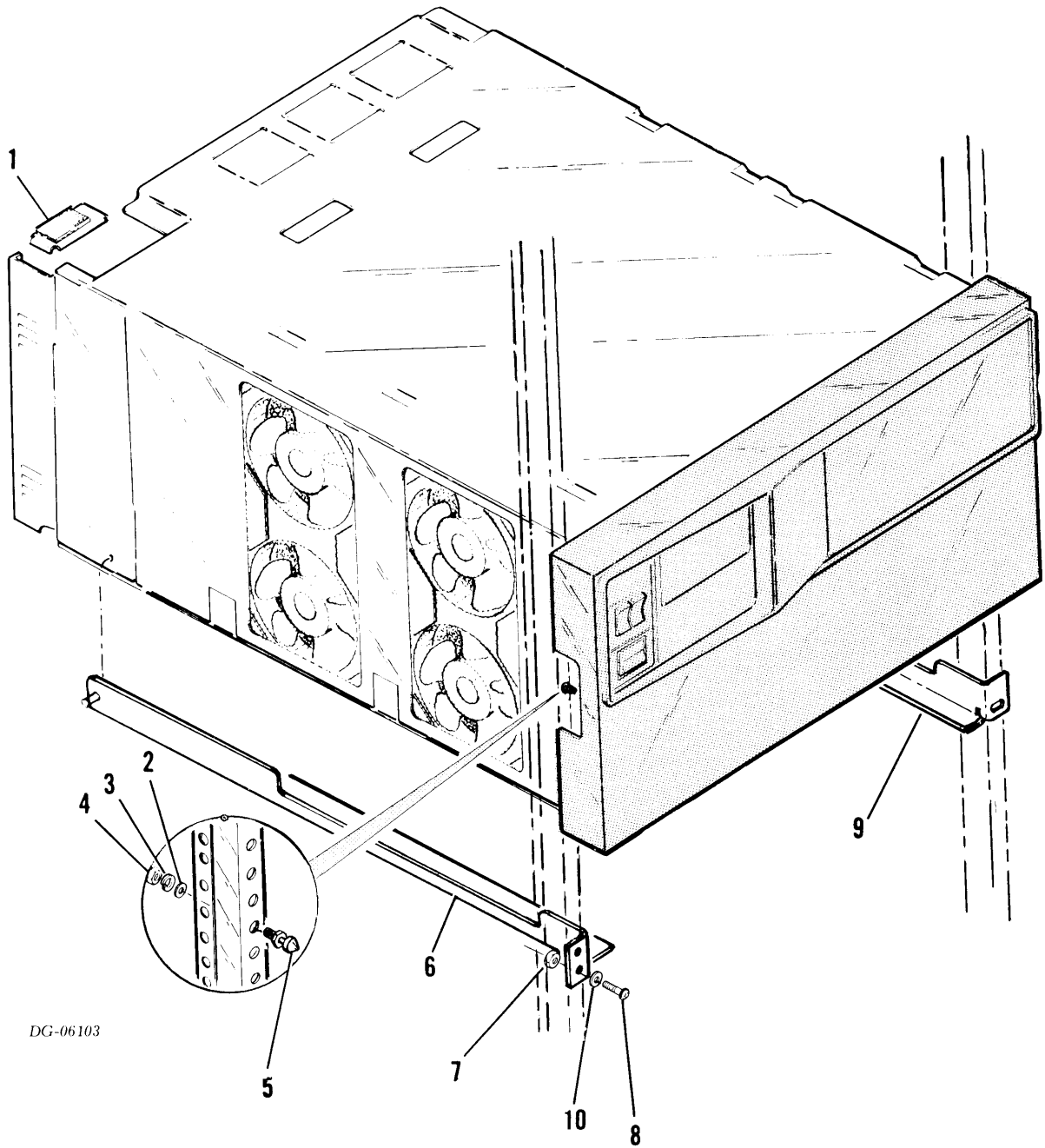
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# **CHAPTER V**

# **HARDWARE MOUNTING KIT**

# HARDWARE MOUNTING KIT

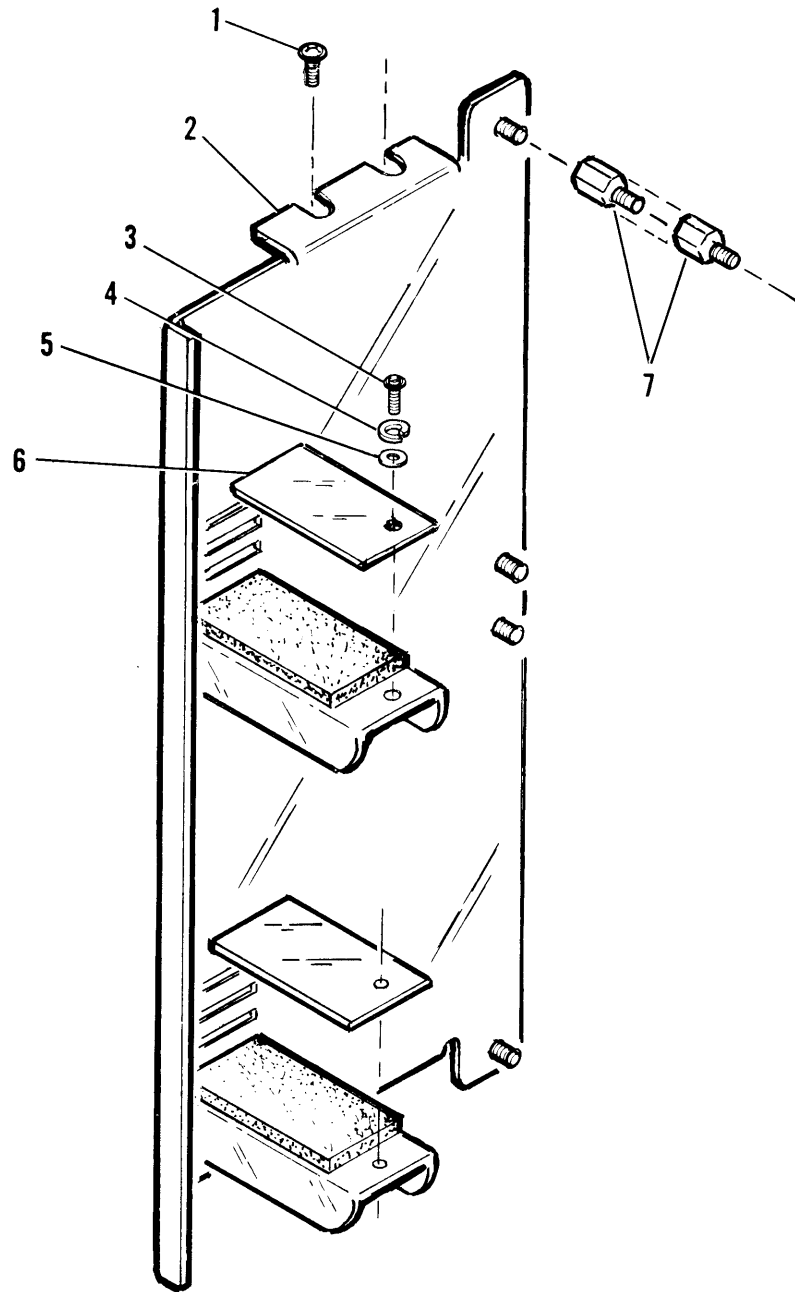


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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
V-2	<b>HDW MTG KIT DGC 16 SLOT</b>		<b>005012068</b>	I-2
1	CLAMP I/O CABLE	4	002008252	
2	WSHR FLAT SCDP METRIC SIZE M5 REG	2	106000985	
3	WSHR LOCK SPLIT SCDP METRIC M4	4	106000988	
4	NUT HEX SCDP METRIC SIZE M4	2	106001019	
5	LATCH GUIDE PIN DGC20	2	002009455	
6	BRKT SLIDE SUPPORT LEFT	1	002007986	
7	NUT HEX KEP SCDP 10-32	4	106000254	
8	SCR PHH PNH SCDP SEM 10-32 X 3/8	12	106000106	
9	BRKT SLIDE SUPPORT RIGHT	1	002007988	
10	WSHR #10 NARROW FLAT .203ID X 13/32	16	106000688	
N/A	WSHR FLAT FBR 1.125OD X .875ID X .031	4	106000884	
N/A	NUT HEX KEP SCDP 5MM X .8	2	106000938	
N/A	SCR PHH PNH SCDP M4 X 50MM LG	2	106001494	
N/A	FSTNR 10-32 U-NUT PNL EDGE	8	123001139	

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# HARDWARE I/O MOUNTING KIT (OPTION)



DG-06104



PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
V-4	<b>HDW I/O MTG KIT DGC 16 SLOT 11-20</b>		<b>005013527</b>	I-2
1	SCR PHH PNH TF SCDP M4 X 8MM LG	4	106001390	
2	BRKT I/O MTG	1	002008196	
3	SCR PHH PNH SCDP M4 X 50MM LG	2	106001494	
4	WSHR LOCK SPLIT SCDP METRIC M4	2	106000988	
5	WSHR FLAT SCDP METRIC SIZE M4 REG	2	106000984	
6	CLAMP I/O CABLE	2	002008252	
7	STDF 5/16 HEX X5/16LG SCDP M/F8-32	20	106001414	

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# APPENDICES

## PREFIX CODE TABLE

PREFIX CODES	STANDARD TITLING	PREFIX CODES	STANDARD TITLING
001	SCHEMATIC (PCB)	107	ARTWORK (PCB)
002	MECH PT (MECHANICAL PART)	108	PUR TEST SPEC (TEST SPEC, PURCHASED PARTS)
003	PHYSICAL (PCB)	109	WIRE, CABLE, TUBING, SLEEVING
005	ASSY (ASSEMBLY B/M PARTS LIST) ASSY DOC PKG (SHIPPED DOCUMENTS)	110	SWITCH, RELAY
007	KEY (TOP ASSEMBLY B/M)	111	HSG (HOUSING), CONN (CONNECTOR), TERM (TERMINAL)
008	WL (WIRE LIST FOR CABLES, TEST PLUGS AND INTERCONNECTION WIRING)	112	CABINET
010	CONF (CONFIGURATION DRAWING)	113	FUSE, FUHLR (FUSE HOLDER)
011	TEST EQPT (TEST EQUIPMENT)	113	CIR BKR (CIRCUIT BREAKER)
015	TM (TECHNICAL MANUAL)	114	INDICATOR, BULB
016	IPL (PHYSICAL ILLUSTRATED PARTS LIST) IPB (ILLUSTRATED PARTS BREAKDOWN)	115	FAN, MOTOR, BLOWER
029	WIRE PT (WIRE PART)	116	CM (CIRCUIT MODULES)
036	ECO KIT	117	SPEC TOOLS
037	PKG (PACKAGING)	118	PUR ASSY (PURCHASED ASSEMBLY)
042	TECHNICAL UPDATES	118	PUR PRPHL (PURCHASED PERIPHERALS)
043	FIELD ENGINEERING PUBLICATIONS	119	MISC PT (MISCELLANEOUS PART)
044	SHIPPING PACKAGING	120	ADHVE (ADHESIVE), TAPE
100	IC (INTEGRATED CIRCUIT)	120	CHEM (CHEMICALS)
101	XISTOR (TRANSISTORS), DIODES	121	CRYSTAL
102	RES (RESISTORS)	123	STD PT (STANDARD PART)
103	CAP (CAPACITORS)	124	SOLENOIDS
104	XFMR (TRANSFORMER)	126	METAL STOCK
105	CORE FERRITE	128	TOOL
106	HDW (HARDWARE)	129	SHPG MAT (SHIPPING MATERIAL)



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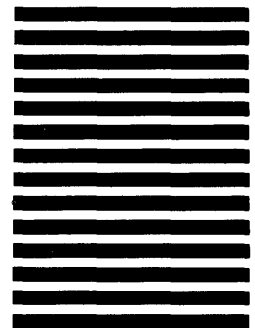
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