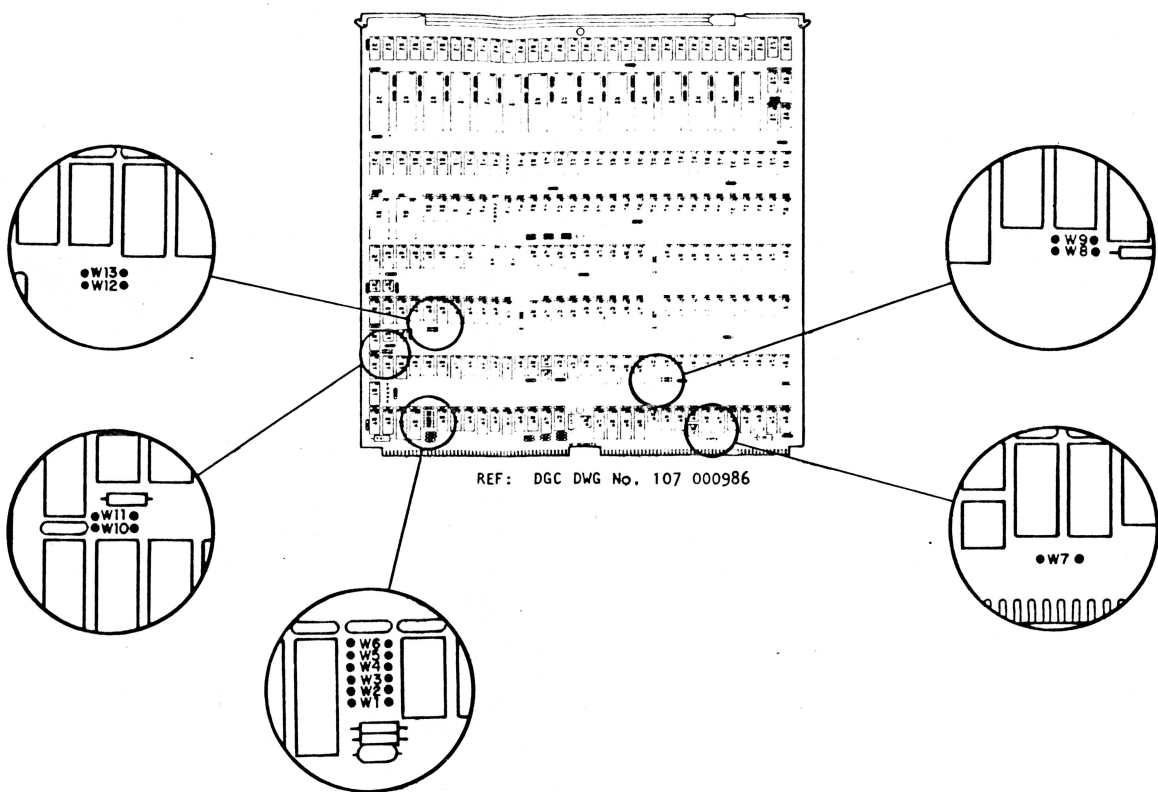


TAILORING (CONT)

FLOATING POINT UNIT JUMPERING



THE JUMPERS MUST BE POSITIONED ON THE FLOATING POINT UNIT PRINTED CIRCUIT BOARD AS INDICATED IN THE TABLE BELOW.

JUMPER	POSITION
W1	IN
W2	OUT
W3	OUT
W4	IN
W5	OUT
W6	IN
W7	IN
W8	OUT
W9	IN
W10	OUT
W11	IN
W12	OUT
W13	IN

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REV	ECO	APP	DATE	DRAWN	CHECKED	ENGINEER

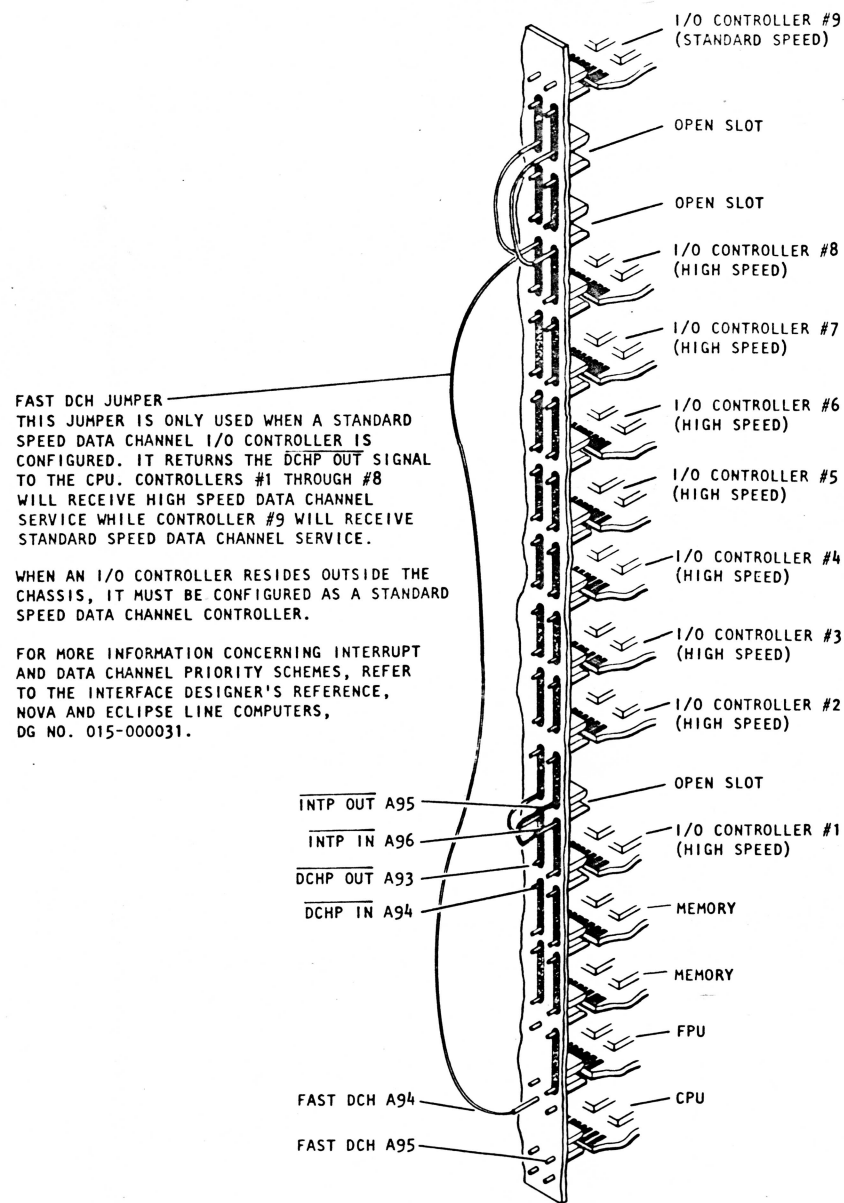
APPROVED	FIRST USED ON	CODE IDENT
		34984

TITLE
INSTALLATION DATA SHEET
NOVA 4 16-SLOT

DATA GENERAL CORPORATION WESTBORO, MASSACHUSETTS 01581			
SIZE C	CODE 010	DRAWING NUMBER 000213	REV. 02

4 3 2 1

TAILORING (CONT) BACKPANEL JUMPERING



FAST DCH JUMPER
THIS JUMPER IS ONLY USED WHEN A STANDARD SPEED DATA CHANNEL I/O CONTROLLER IS CONFIGURED. IT RETURNS THE DCHP OUT SIGNAL TO THE CPU. CONTROLLERS #1 THROUGH #8 WILL RECEIVE HIGH SPEED DATA CHANNEL SERVICE WHILE CONTROLLER #9 WILL RECEIVE STANDARD SPEED DATA CHANNEL SERVICE.

WHEN AN I/O CONTROLLER RESIDES OUTSIDE THE CHASSIS, IT MUST BE CONFIGURED AS A STANDARD SPEED DATA CHANNEL CONTROLLER.

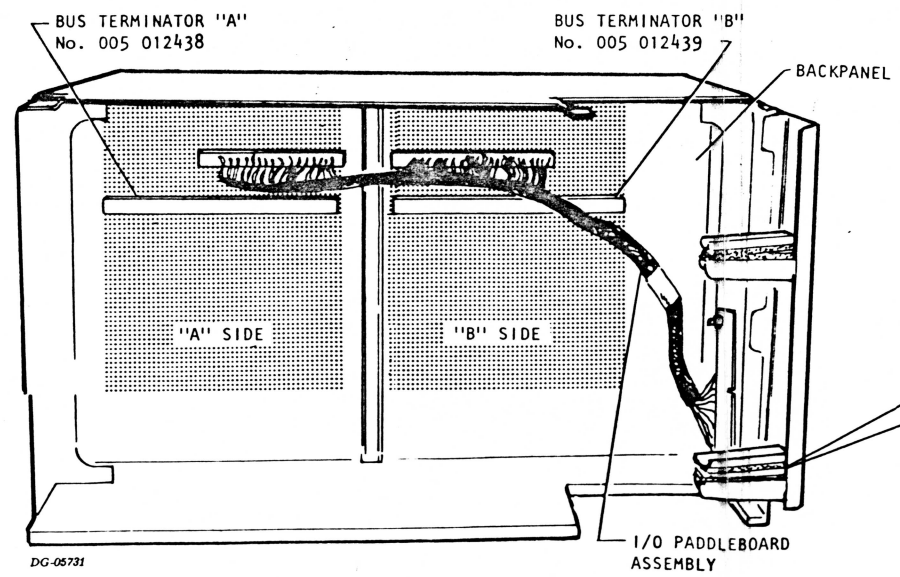
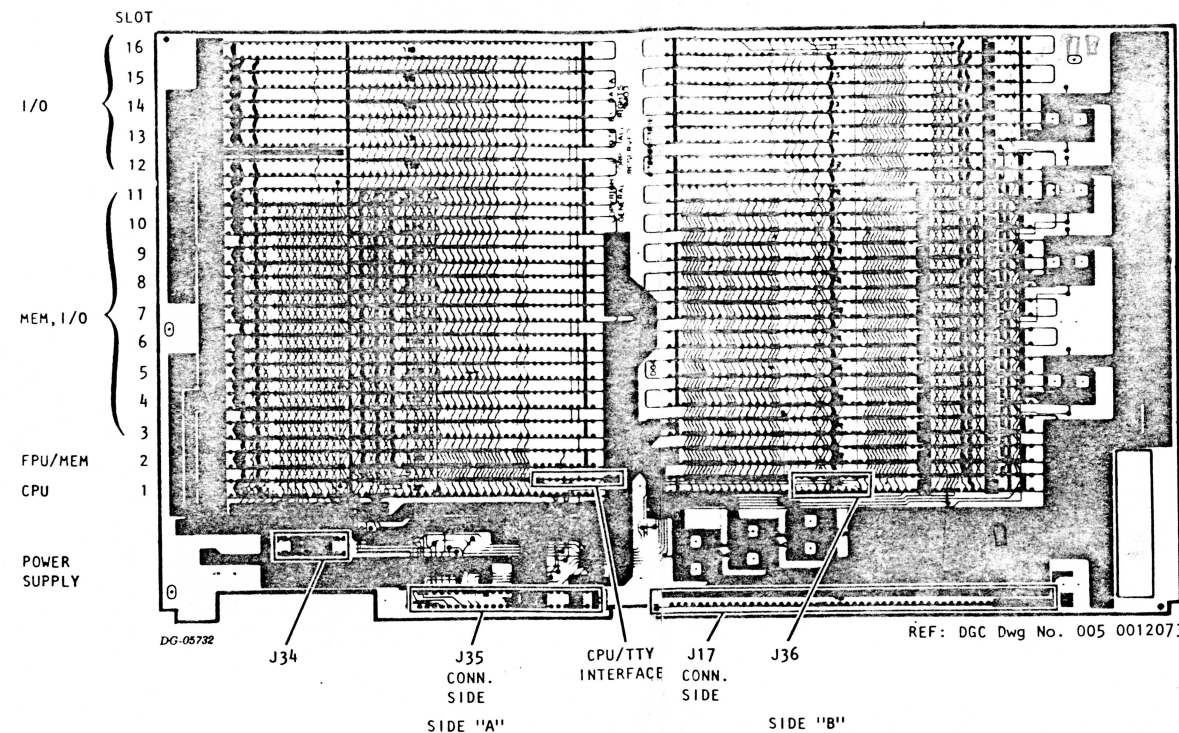
FOR MORE INFORMATION CONCERNING INTERRUPT AND DATA CHANNEL PRIORITY SCHEMES, REFER TO THE INTERFACE DESIGNER'S REFERENCE, NOVA AND ECLIPSE LINE COMPUTERS, DG NO. 015-000031.

DG-05722

NO JUMPERS NEEDED EXCEPT FOR OPEN SLOTS AND STANDARD SPEED DATA CHANNEL I/O CONTROLLERS.

WHEN A 4C PROCESSOR IS USED IN THIS CHASSIS, THE END OF THE INTP PRIORITY NETWORK CLOSEST TO THE PROCESSOR (HIGHEST PRIORITY) MUST BE CONNECTED TO THE NEAREST GROUND (PIN A99 OR A100).

INTERNAL CABLING BACKPANEL CONNECTORS



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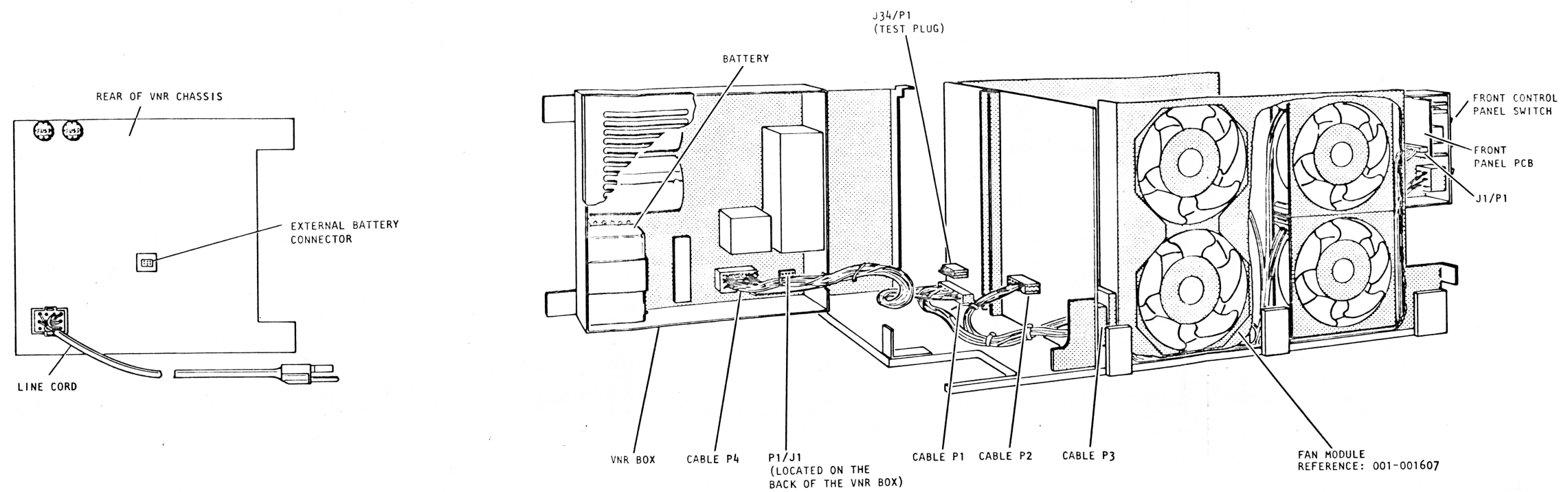
REV	DATE	ENGINEER	CHECKED	APPROVED	FIRST USED ON	CODE IDENT
						34984

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INSTALLATION DATA SHEET
NOVA 4 16-SLOT

DATA GENERAL CORPORATION
WESTBORO, MASSACHUSETTS 01581
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4 3 2 1

INTERNAL CABLING (CONT)



WARNING
 FOR SERVICING DISCONNECT
 POWER, WAIT 5 MINUTES
 REASSEMBLE UNIT BEFORE
 APPLYING POWER

PADDLEBOARD MOUNTING

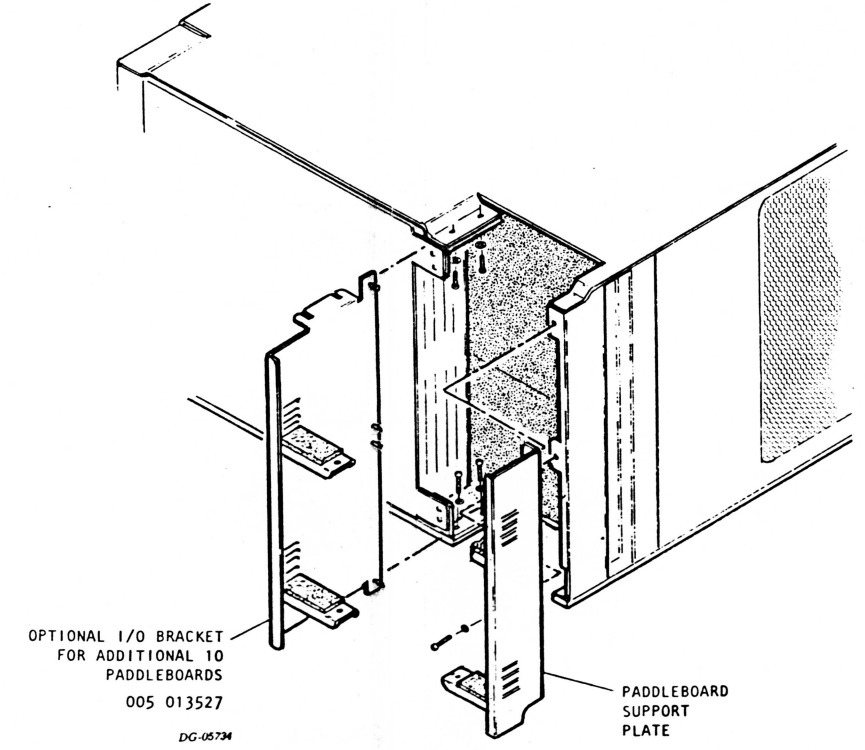
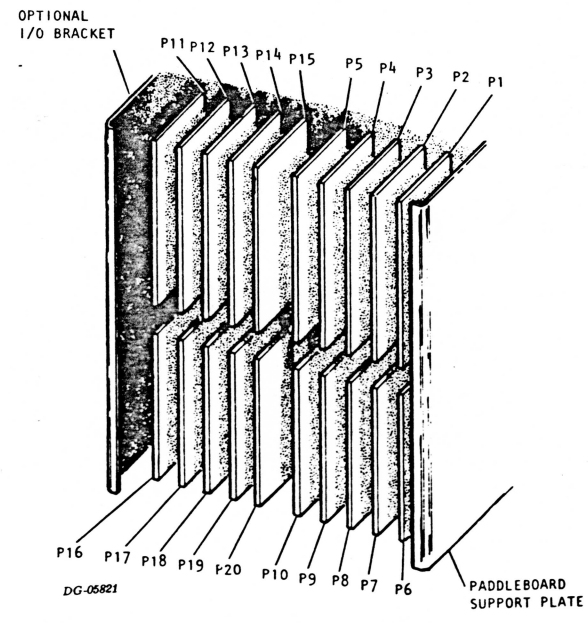
NOVA 4 I/O PADDLEBOARDS

ASSEMBLY NO.	TYPE
005 012472	GENERAL PURPOSE I/O
005 012751	EXTERNAL I/O BUS**
005 012765	UNIVERSAL LINE MUX MODEL 4241, 4241A, 4242, 4243***
005 012476	I/O BUS REPEATER MODELS 8315
005 012590	DCU-50 MODELS 4250, 4254
005 012473*	ASYNCHRONOUS INTERFACE MODELS 4007, 4010, 4023, 4075, 4077, 4078
005 012585	MCA MODEL 4206

* THIS PADDLEBOARD MUST BE PLACED IN THE OUTSIDE POSITION: i.e. THE FURTHEST AWAY FROM THE PADDLEBOARD SUPPORT PLATE.

** EXTERNAL I/O BUS MUST BE TERMINATED AT THE END AWAY FROM THE COMPUTER BY TERMINATOR NO. 005-9067, OR EQUIVALENT.

*** REQUIRES TWO PADDLEBOARD LOCATIONS.



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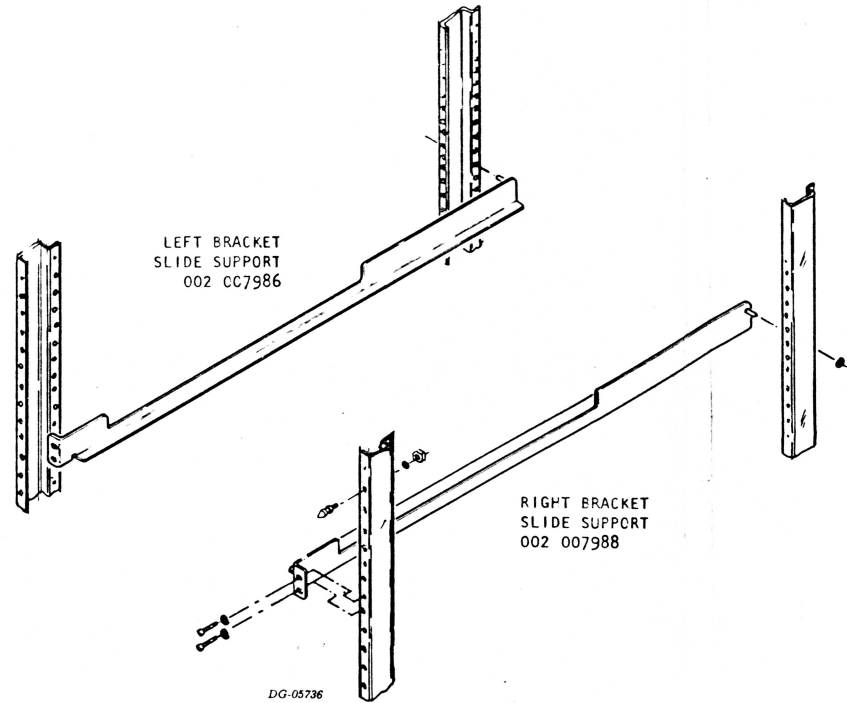
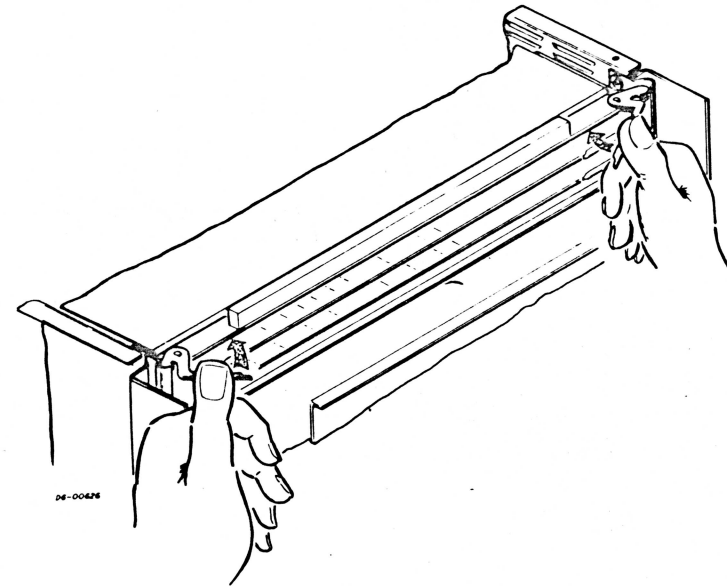
REV	DATE	ENGINEER	APPROVED	FIRST USED ON	CODE IDENT
ECO					34984
APP					
DATE					

TITLE
 INSTALLATION DATA SHEET
 NOVA 4 16-SLOT

DATA GENERAL CORPORATION
 WESTBORO, MASSACHUSETTS 01581
 SIZE C CODE 010 DRAWING NUMBER 000213 REV 02

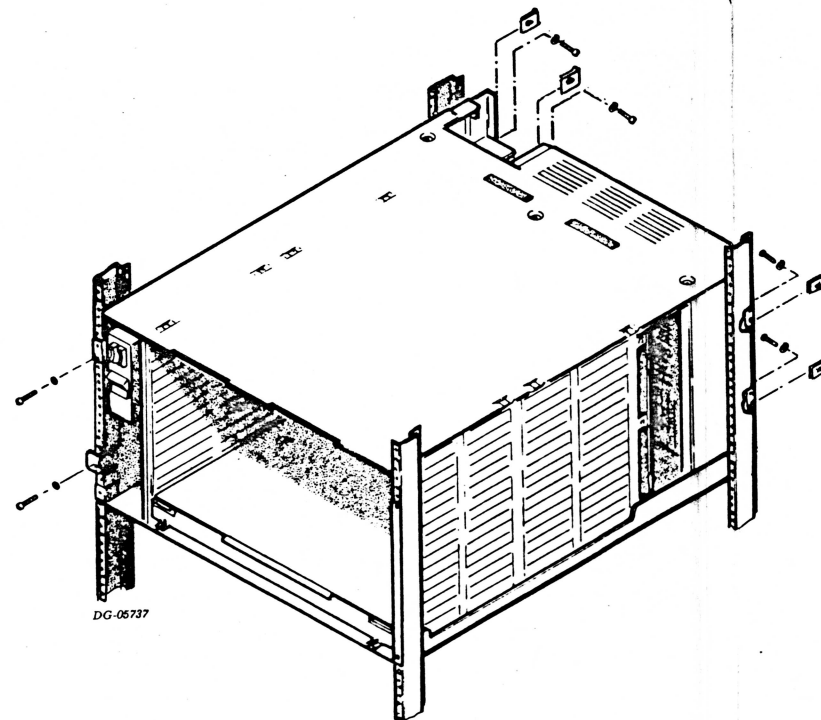
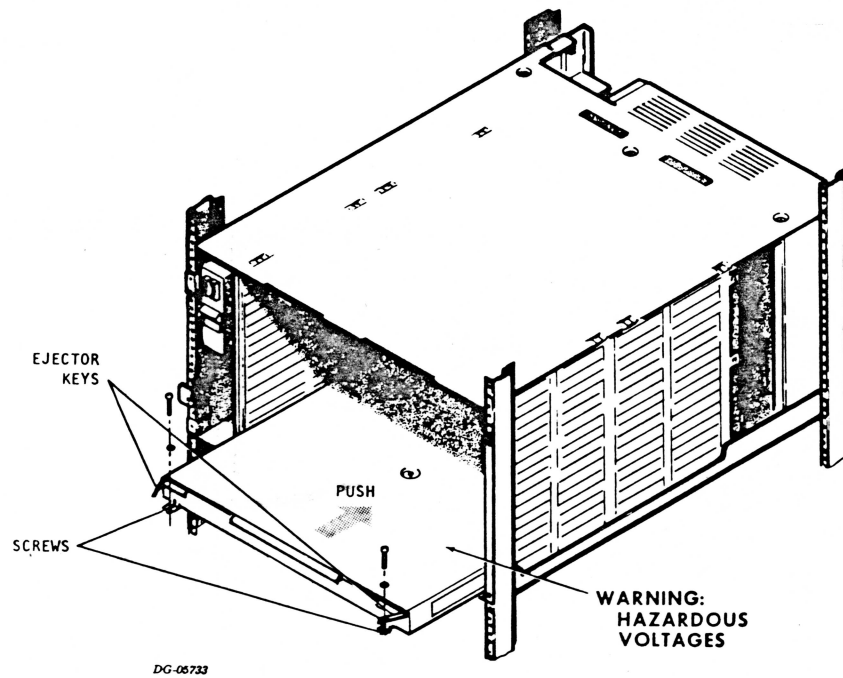
CABINET MOUNTING

INSERTING PC BOARD



HARDWARE MOUNTING KIT
005 012068

INSERTING POWER SUPPLY PCB



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ECO		CHECKED	FIRST USED ON
APP		ENGINEER	CODE IDENT 34984
DATE			

TITLE
INSTALLATION DATA SHEET
NOVA 4 16-SLOT

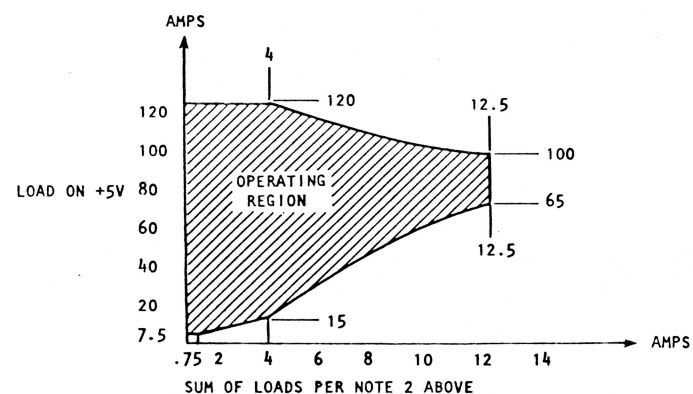
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SIZE	CODE	DRAWING NUMBER	REV
C	010	000213	02

16-SLOT CHASSIS LOAD BALANCING RULES

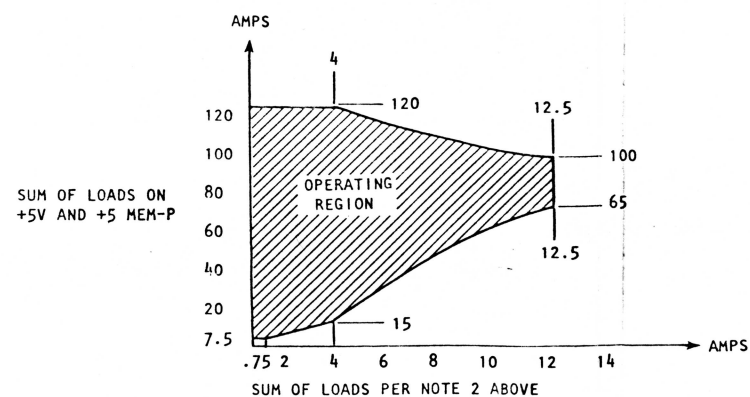
WITH BATTERY BACKUP:

1. THE LOAD OF -5V MUST NOT EXCEED 3.0 AMPS.
2. THE SUM OF THE LOADS ON +12V, +12 MEM, +15V AND 0.55 (SUM OF CURRENT FROM +5 MEM-P AND -5 MEM-P) MUST NOT EXCEED 12.5 AMPS.
3. THE LOAD ON -5 MEM-P MUST NOT EXCEED 0.3 AMPS.
4. THE LOAD ON +5 MEM-P MUST NOT EXCEED 4.5 AMPS AND MUST BE AT LEAST 0.25 AMPS.
5. THE LOAD ON +5V MUST NOT EXCEED 120 AMPS AND MUST BE AT LEAST 15 AMPS.
6. THE LOADS MUST BE WITHIN THE OPERATING REGION SHOWN BELOW:

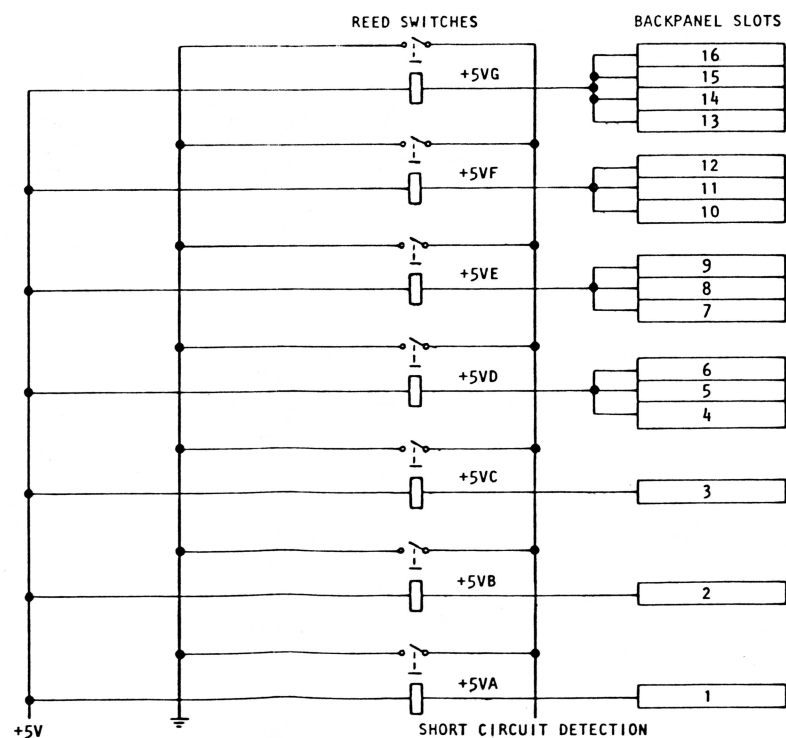


WITHOUT BATTERY BACKUP:

1. THE SUM OF THE LOADS ON -5V AND -5 MEM-P MUST NOT EXCEED 3.0 AMPS.
2. THE SUM OF THE LOADS ON +12V, +12 MEM, AND +15V MUST NOT EXCEED 12.5 AMPS.
3. THE SUM OF THE LOADS ON +5V AND +5 MEM-P MUST NOT EXCEED 120 AMPS AND MUST BE AT LEAST 15 AMPS.
4. THE LOADS MUST BE WITHIN THE OPERATING REGION SHOWN BELOW:



SLOT LOADING RESTRICTIONS



NOTE: REED SWITCH TRIPS AT 22 AMPS.
REFERENCE DG 001-001563.

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DATA GENERAL CORPORATION WESTBORO, MASSACHUSETTS 01581			
SIZE C	CODE 010	DRAWING NUMBER 000213	REV 02