Back Plane

					J-88	J-87
J 84	J 83	J-82 CONSOLE PRINTER	J 81 DATA COMM	J 80	J-79 SELF SCAN	J-78 Keyboard
J 75 MINI'S	J 74	J 73	J 72 CONSOLE PRINTER	J 71	J 70	J-69 F DISK
J 66 Power	J 65	J 64	J 63 Power	J 62	J-61 POWER	J. 60

Self scan plugs in below - near Power supply

Console Keyboard - 2 plugs on Keyboard

Console Printer - Above Mother board

AIR FILTER

Part No - 2857-1057

$ 143.50

9/26-85
Clyde Lener

~~Hb C19 1C~~

Number 216-12791 AD REV-A	Customer	Mfg. Check	Q.C. Check
Serial Number	Qty 1	MFG. 13	QA No. 6 JUL 0 2 1981
Cust. P.O	R.O.		

HEAD ASSEMBLY

INFORMATION MAGNETICS CARIBE, INC.
A subsidiary of CCT

Part #2857-1057

16C1916

Part Number 216-12791 REV-A AD	Customer	Mfg Check	QC Check
Serial Number	Qty 1		QA No. 6 JUL 0 2 1981
Cust. P.O.	R.O.		

INFORMATION MAGNETICS CARIBE, INC.
A subsidiary of CCT

Top platter is DFB (RJ545)

Bottom platter is DFA (Work)

Head Positioner Assembly Replacement

a. Lift the disk shroud.

CAUTION

Do not allow the positioner to hit the disk(s).

b. Slide the positioner into place.

c. Install the three 1/4-20 screws from the underside of the baseplate.

d. Push the positioner base flush with the alignment bar and tighten the three screws.

e. Connect the head cable connectors to the backplane. Figure 5-2 shows the proper location of the connectors for the S card cage.

f. Connect the transducer connector (P27) to backplane S03.

g. Connect the positioner motor connector (P31) to the power amplifier module.

h. Replace the disk shroud.

READ/WRITE HEAD

Heads are constructed such that the angle of the head arm is precisely measured to provide the correct head gram loading force required for operation of a drive unit.

Head insertion and removal tools are provided to protect the arm angle. Failure to use the insertion/removal tool subjects the heads to unusual and unnecessary risk. Once the precise angle is disturbed, the flying characteristics of the head itself are disturbed.

Damaged, distorted, or disturbed head arm angle results in errors or head crashes. The head insertion/removal tool must be used whenever heads are to be changed (see figure 5-3).

Read/Write Head Removal

a. Remove the head positioner assembly as described in this section.

b. Loosen the spring clamp located on the head positioner assembly as shown in figure 5-1.

c. Remove the head mounting clamp.

d. Using the head insertion/removal tool, remove the head.

e. Refer to Read/Write Head Replacement in this section for the replacement of the head.

Read/Write Head Replacement

a. Install heads (lower head first) with the head insertion/removal tool.

NOTE

Locate the head(s) in the carriage so that the arm is relatively centered. See figure 5-4.

b. Torque the head mounting clamp screws to 5.5 ±0.1 inch/pounds.

c. Route the heads leads through the spring clamp located on the head positioner assembly as shown in figure 5-1 and tighten the screw.

d. Replace the head positioner assembly as described in this section.

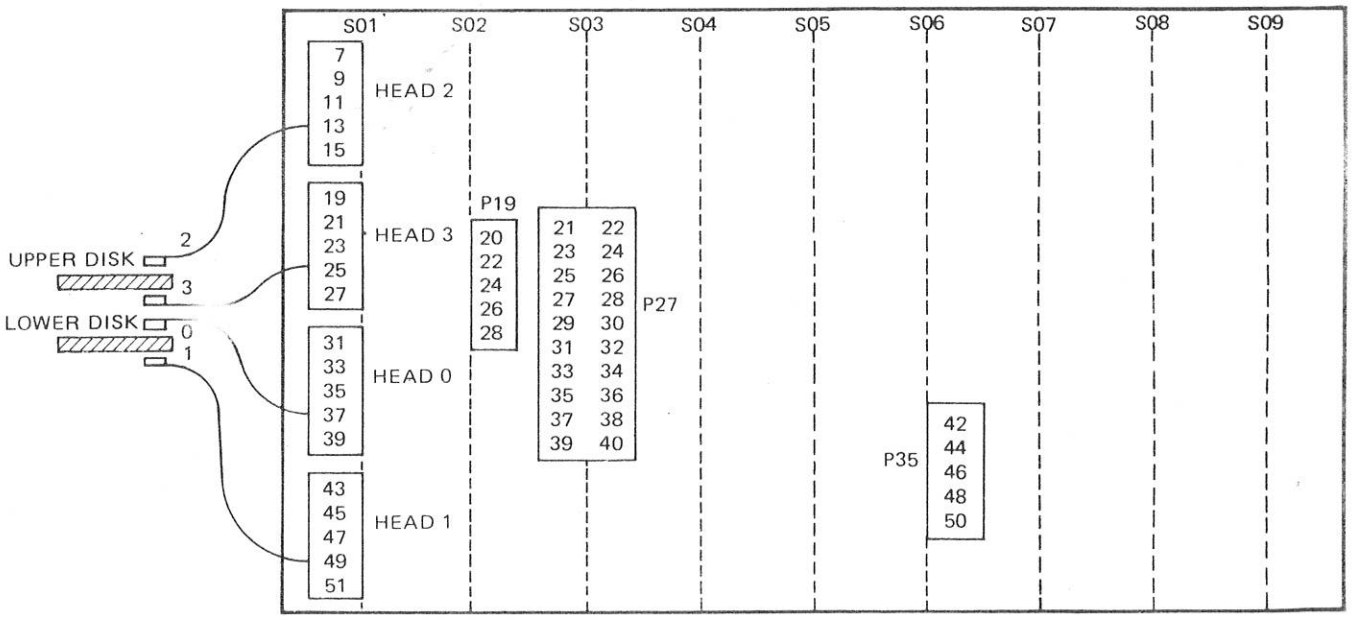
e. Connect the read/write head connectors in accordance with figure 5-2.

f. Remove the positioner motor connector (P31) from the power amplifier module.

g. Apply ac power.

h. After the disk(s) have come up-to-speed, carefully load the heads onto the disk(s) manually. Slowly push the carriage in and out from cylinder 000 to cylinder 405. Verify that the heads fly without any unusual noise.

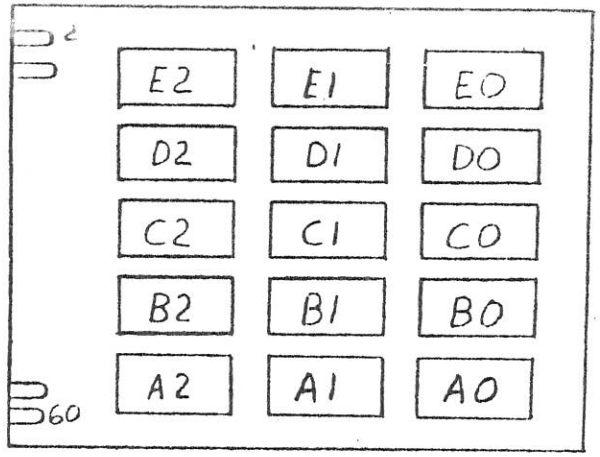
i. Unload the heads manually.

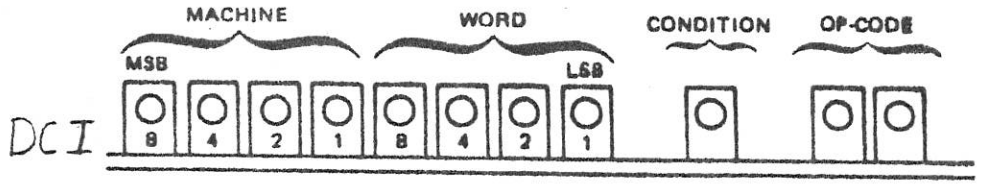


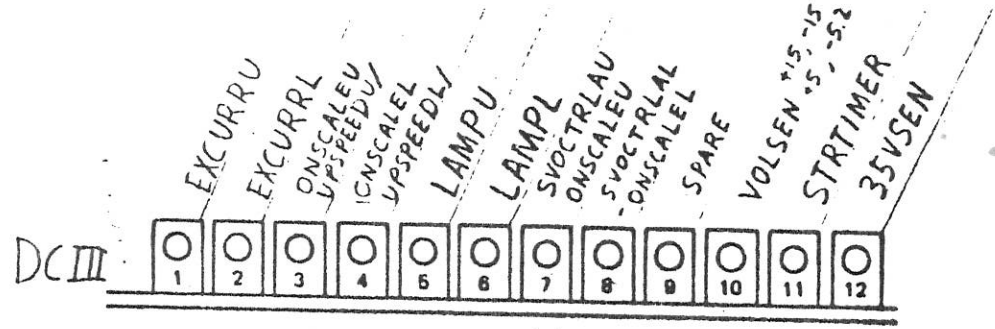
W10866

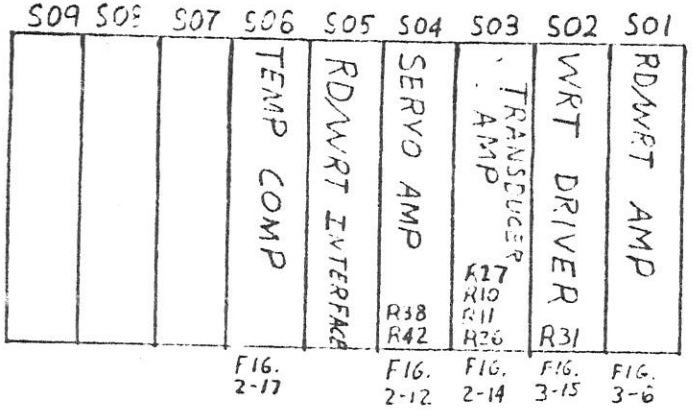
Figure 5-2. Connector Locations for S Card Cage

COMPONENT SIDE

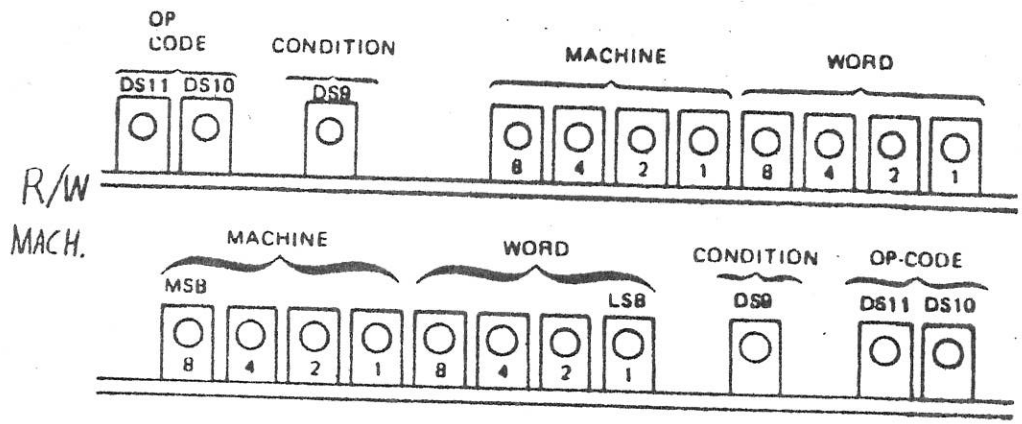


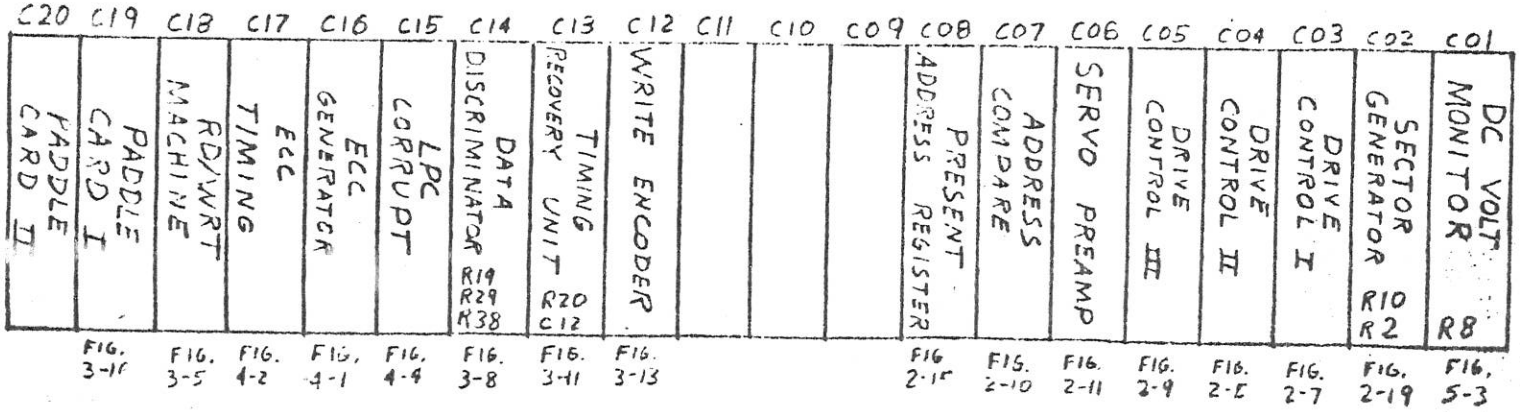






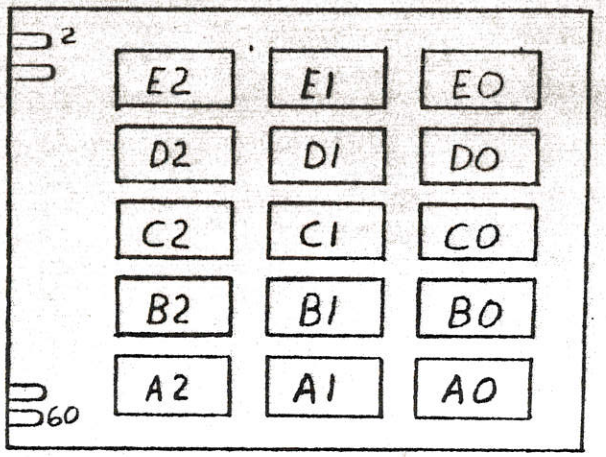
R10	p. 7-5
R11	p. 7-5
R26	p. 7-6
R27	p. 7-5
R31	p. 7-6
R38	p. 7-6
R42	p. 7-5

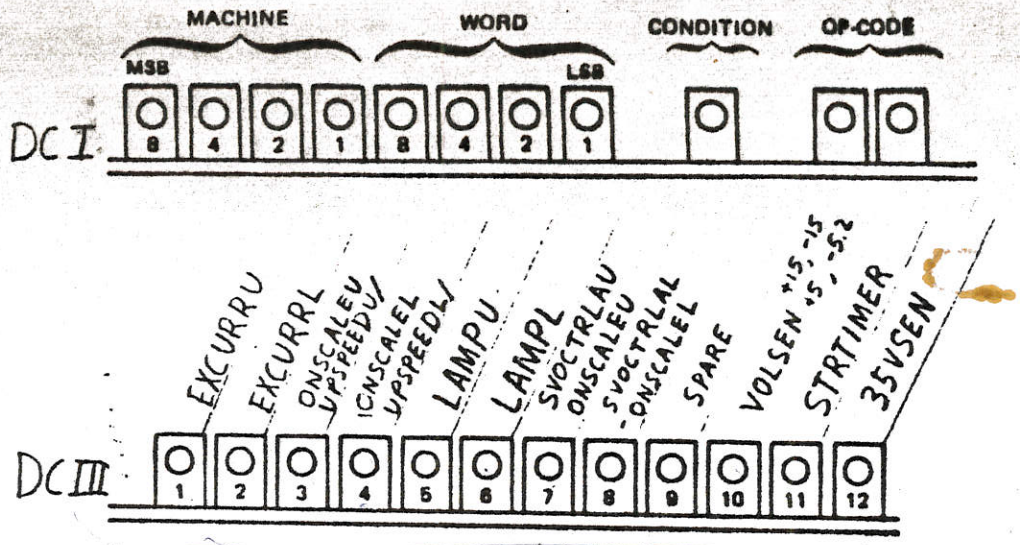


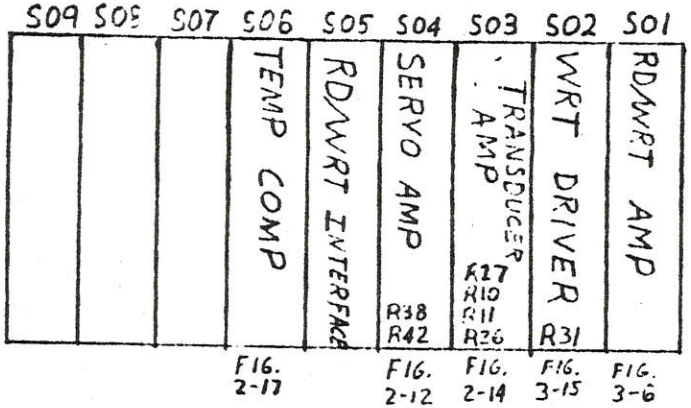


R2	p. 2-11
R8	p. 2-6, p. 8-4
R10	p. 2-12
R19	p. 8-3
R20	p. 8-3
R29	p. 8-3
R38	p. 8-3
C12	p. 8-3

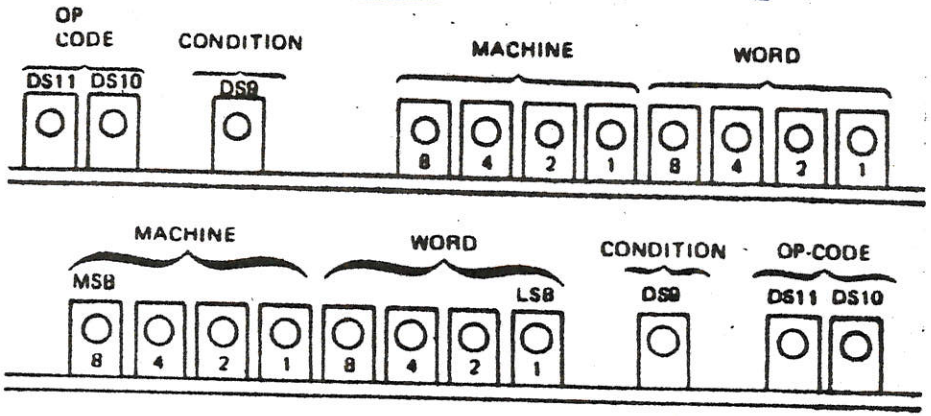
COMPONENT SIDE

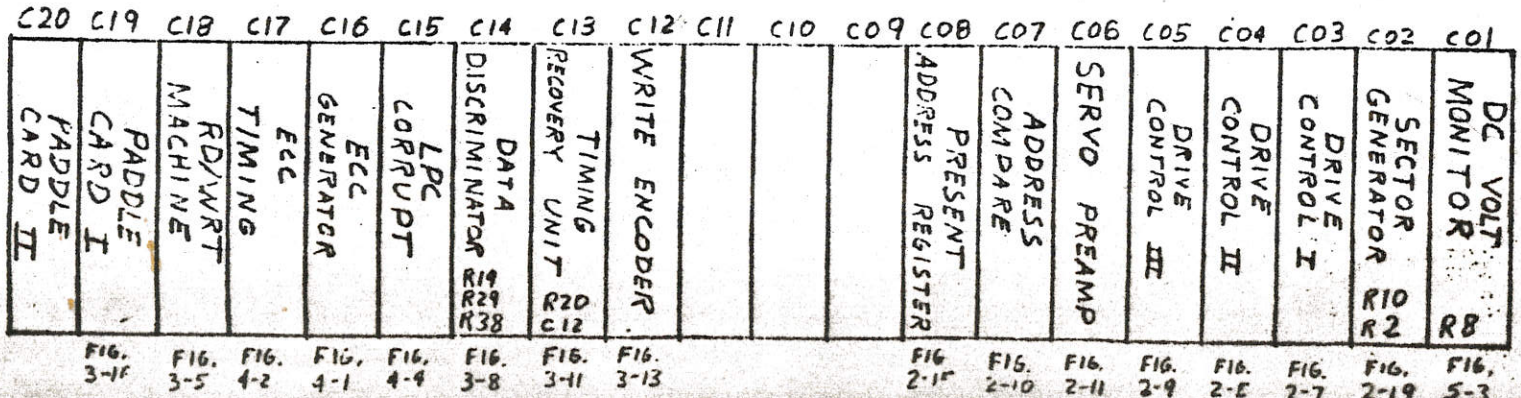






R10	p. 7-5
R11	p. 7-5
R26	p. 7-6
R27	p. 7-5
R31	p. 2-6
R38	p. 7-6
R42	p. 7-5





R2	p. 2-11
R8	p. 2-6, p. 8-4
R10	p. 2-12
R19	p. 8-3
R20	p. 8-3
R29	p. 8-3
R38	p. 8-3
C12	p. 8-3