

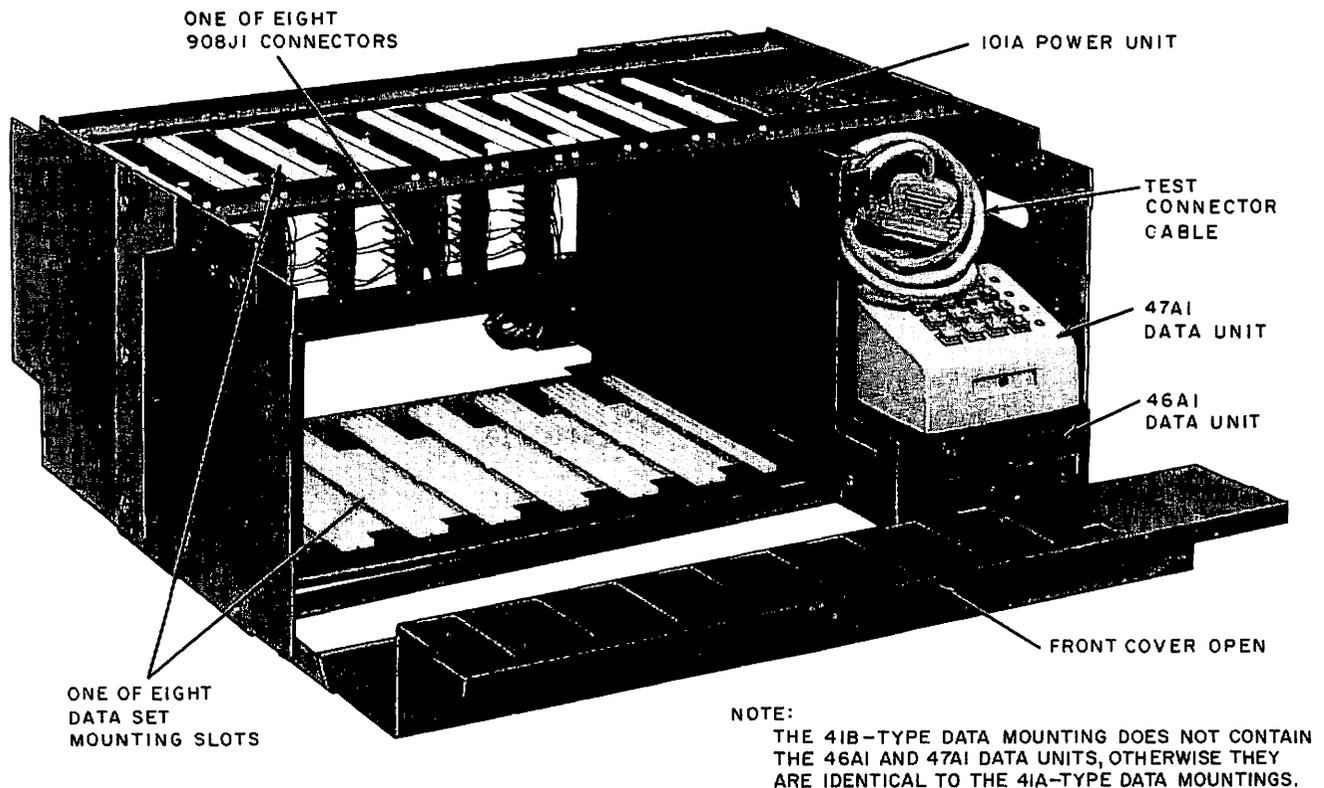
## 41-TYPE DATA MOUNTING IDENTIFICATION

### 1. GENERAL

**1.01** This section provides an identification and a general description of the 41-type data mountings. The 41A1, 41A2, 41B1, and 41B2 data mountings are initially used in conjunction with the 407-type multiple data station. A 41A-type data mounting is shown in Fig. 1. The 41A1 and 41B1 data mountings are rated Manufacture Discontinued (MD) and are replaced by the 41A2 and 41B2 data mountings, respectively. The 41A2 and 41B2 are identical to the 41A1 and 41B1, respectively, except for additional wiring required for data set (DS) 407B.

**1.02** This section is reissued to add coverage on the 41A2 and 41B2 data mountings, which accommodate DS 407B as well as DS 407A.

**1.03** The 41-type data mounting will accommodate up to eight data sets 407-type. It also provides all the backplane wiring. In addition, the 41A1 and 41A2 data mountings contain a 101A power unit, one 46A1 data unit, and one 47A1 data unit. The 41B1 and 41B2 data mountings are the same as the 41A1 and 41A2 data mountings but do *not* contain the 46A1 and 47A1 data units. One P3BJ power cord is provided with the 41B1 and 41B2 data mountings.



**Fig. 1—41A-Type Data Mounting With Front Cover Open**

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**1.04** When 41-type data mountings are mounted in a single cabinet, only one 41A1 or 41A2 data mounting is required. The test unit (46A1 and 47A1 data units) provided with the 41A1 and 41A2 data mountings have the capability of testing all the data sets within a single cabinet. One KS-14532-L16 power cord is also provided with the 41A1 and 41A2 data mountings.

**2. PHYSICAL DESCRIPTION**

**2.01** The 41A1 and 41A2 data mountings (Fig. 1) are approximately 23 inches wide, 8.67 inches high, and 16.5 inches deep. They mount on a 23-inch rack and weigh approximately 42 pounds. The 41B1 and 41B2 data mountings have the same physical dimensions as the 41A1 and 41A2 data mountings and weigh approximately 38 pounds. The 41-type data mountings are provided with eight 908J1 connectors, two KS-16672-L3 50-pin connectors, and one 101A power unit.

**2.02** The 41-type data mountings have a front cover which is removable (by opening to a horizontal position and pulling forward). Decals are attached to the inside of the front cover. One decal provides local test information on the 41A1 while two decals provide this information on the 41A2. Another decal provides data set number location and computer port assignment on all 41-type mountings.

**2.03** The dc voltages are supplied to the data sets via the data mountings by the 101A power unit. The 101A power unit is mounted on the right side of the data mounting and weighs 20 pounds.

**3. FUNCTIONAL DESCRIPTION**

**3.01** The 41-type data mounting is a multiple apparatus housing which will functionally accommodate a maximum of eight data sets. Functionally, the 41A2 and 41B2 data mountings are identical to the 41A1 and 41B1 data mountings, respectively, except for additional factory wiring on the 41A2 and 41B2. The additional wiring connects J3 pins 25 and 50 to pins 5 and 14, respectively, on J5 through J12, inclusive. This provides "computer down" detection wiring, used in DS 407B. Connectors J3 and J4, on the rear of the 41-type data mounting, provide interconnection from the eight mounting slots to the telephone

network via an IDF or connecting block. The 908J1 connectors (eight per data mounting) accept data sets 407-type.

**3.02** Each of the 41-type data mountings is equipped with one 101A power unit. The power unit supplies power to a maximum of eight data sets. Separate outputs on the power unit provide +12 volts, -12 volts, and +5 volts filtered dc power for each data set in the 41-type data mounting. The power unit is powered from .117 volt 60 Hz, three wire (with ground) outlet.

**4. REFERENCES**

**4.01** The following documents pertain to the 41-type data mounting:

SD- & CD-1D240-01 Data Systems Station— 407-Type Data Station

SD- & CD-1D241-01 Power Unit 101A

SECTION	TITLE
314-811-100	1A TRANSACTION* Telephone Test Line Station—Description
476-270-201	2B Automatic Call Distributing System—Identification and Installation
590-100-132	46A1 Data Unit—Identification
590-100-133	47A1 Data Unit—Identification
594-030-100	Data Set 407—Identification
594-800-100	407-Type Multiple Data Station—Description
594-800-101	407-Type Multiple Data Station Using 2B Automatic Call Distributor—Description
594-800-200	407-Type Multiple Data Station—Installation and Connections
594-800-300	407-Type Multiple Data Station—Maintenance

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<b>SECTION</b>	<b>TITLE</b>	<b>SECTION</b>	<b>TITLE</b>
594-800-500	407-Type Multiple Data Station—Test	594-800-501	407-Type Multiple Data Station Using 2B Automatic Call Distributor—System Test