

DATA AUXILIARY SET 824A-TYPE

50 KILOBIT DATA RECOGNIZER

MAINTENANCE

1. GENERAL

1.01 This section contains maintenance procedures for Data Auxiliary Set (DAS) 824A-type. Test procedures are contained in the section entitled Data Auxiliary Set 824A-Type, 50 Kilobit Data Recognizer, Test Procedures (598-060-500).

1.02 Schematics and related information are contained in SD- and CD-1D134-01.

2. SERVICE INSTRUCTIONS

2.01 No routine maintenance is required on DAS 824A-type.

2.02 Sets to be held as spare equipment should be stored in their original cartons for protection. Spare equipment must be ready for immediate use in case of emergency.

2.03 Sets suspected of being in trouble should be tested as directed in Section 598-060-500.

2.04 If the data recognizer meets requirements and trouble persists, confirm that all associated equipment, including customer equipment, is operating properly.

2.05 Data recognizers failing to pass test requirements should be replaced if the difficulty cannot be corrected through appropriate test procedures. When a data recognizer is initially installed, or when a faulty data recognizer is replaced by a new one, the test procedures described in Section 598-060-500 must be performed before the data recognizer is released for customer use.

Note: When replacing a data recognizer, verify that the new set is strapped for the proper option, and refer to the section entitled Data Auxiliary Set 824A-Type, 50 Kilobit Data Recognizer, Installation and Connection (598-060-200).

2.06 Sets to be returned to the distributing house should be packed carefully (in original cartons, if available) to protect sets in transit. Properly tag defective sets and circuit packs with an indication of the trouble.

3. COVER REMOVAL

3.01 The two rear covers on the data recognizer may be removed by unscrewing the four corner screws on each cover.

3.02 The rear covers must be attached during normal operation of the data recognizer. The covers are attached by reversing the operation described in 3.01.

4. REPLACEMENT PROCEDURES

4.01 Replacement procedures are limited to the 26A Power Unit and to circuit packs removed during test procedures. The circuit packs are accessible after the retaining bar has been removed.

4.02 Circuit packs are inserted or removed from the data recognizer by using the keyed grooves which are part of the chassis. The circuit packs are identified on the set by circuit pack numbers (i.e., AR279, AR280, AR281, etc.).

4.03 The 26A Power Unit may be removed by disconnecting the AC twist-lock connector, power connector P1 [four-prong plug on power cable assembly (P95M090) of data recognizer], and the four retaining screws at the rear of the unit. Reassembly is accomplished in the reverse order.

4.04 When necessary replacements have been made, be sure that all circuit packs are firmly seated in their respective connectors. Replace and secure the circuit pack retaining bar.

4.05 If the trouble condition cannot be isolated, or if a multiple trouble condition exists, it

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will be necessary to replace the data recognizer. Figure 8 in Section 598-060-200 shows the mounting assembly between the data auxiliary sets. Four

screws used to secure two mounting bars (P46M668) must be removed to mechanically disconnect DAS 806 from DAS 824.