

DATA AUXILIARY SET 811B-TYPE MAINTENANCE

1. GENERAL

1.01 This section provides maintenance information on the Data Auxiliary Set 811B-type, hereafter referred to in this section as a DAS 811B-type (or appropriate model number). This section also

includes information on removing and installing the cover on the DAS 811B1 or DAS 811B3 model shown by Fig. 1. For additional information on the model differences, refer to the practice entitled Data Auxiliary Set 811B-Type—Description and Operation (598-049-100).

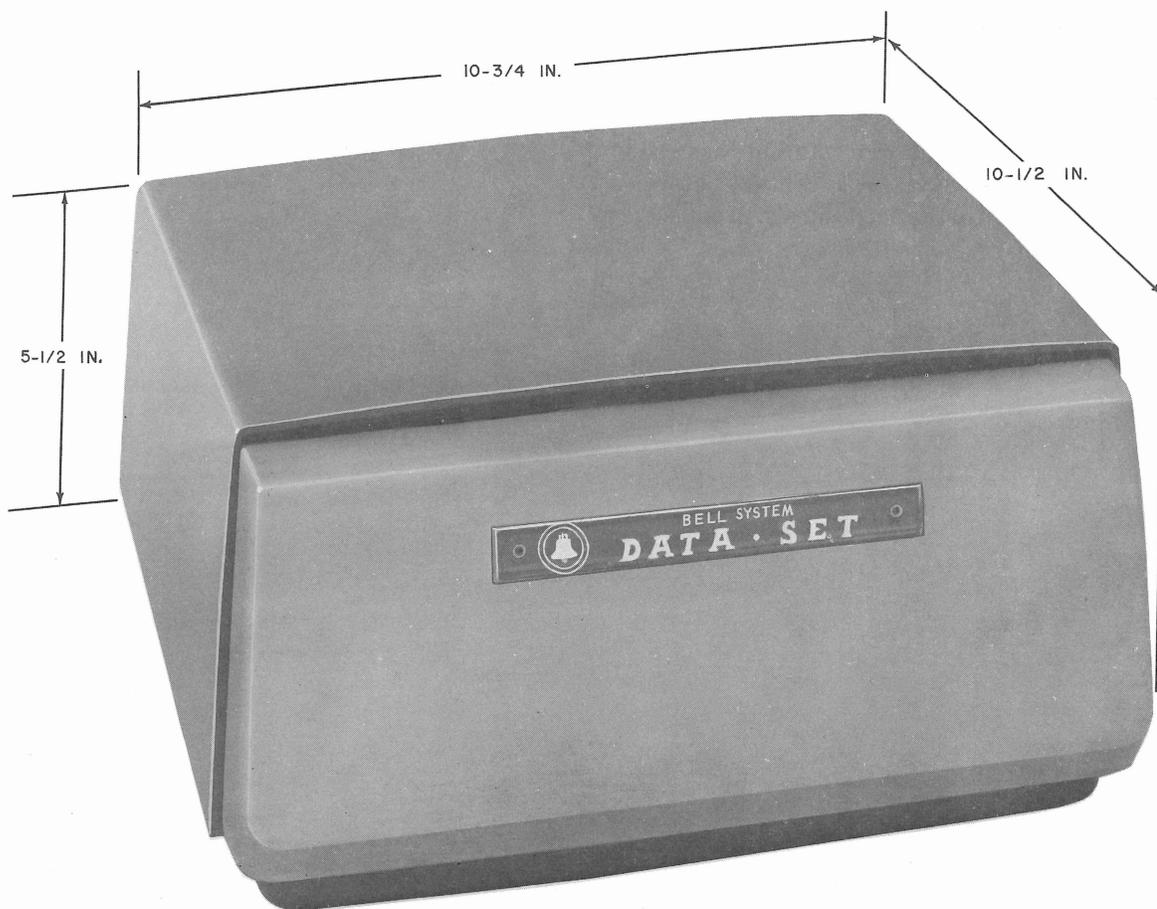


Fig. 1—Data Auxiliary Set 811B1 or Data Auxiliary Set 811B3—Front View

1.02 This section is reissued to include coverage on the Data Auxiliary Set 811B3 and Data Auxiliary Set 811B4 and to update the information

provided on the Data Auxiliary Set 811B1 and Data Auxiliary Set 811B2. Due to extensive changes, marginal arrows have been omitted.

SECTION 598-049-300

1.03 No routine maintenance of the DAS 811B-type is required; therefore, maintenance of the set is limited to the replacement of a major component such as a printed circuit board, cord, etc. If trouble is encountered that cannot be corrected by the replacement of a major component, the data auxiliary set must be replaced.

1.04 Any data auxiliary set or printed circuit board that is to be returned to the distributing house should be carefully packed (in original cartons, if available) to protect the units in transit. Properly tag defective units and describe the nature of the trouble as completely as possible.

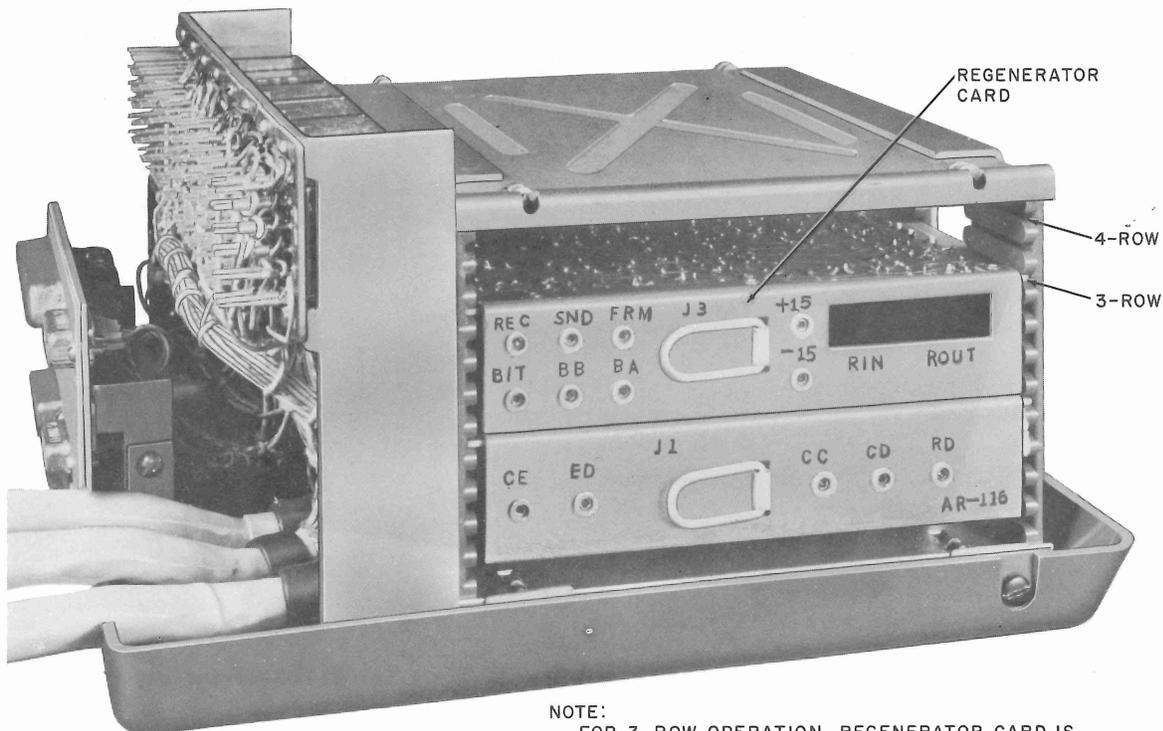
1.05 For a detailed description of the DAS 811B-type, refer to CD- and SD- 3D047.

2. SERVICE INSTRUCTIONS

2.01 It is assumed that the station has been tested by the data test center before a repair visit is made to the customer's premises.

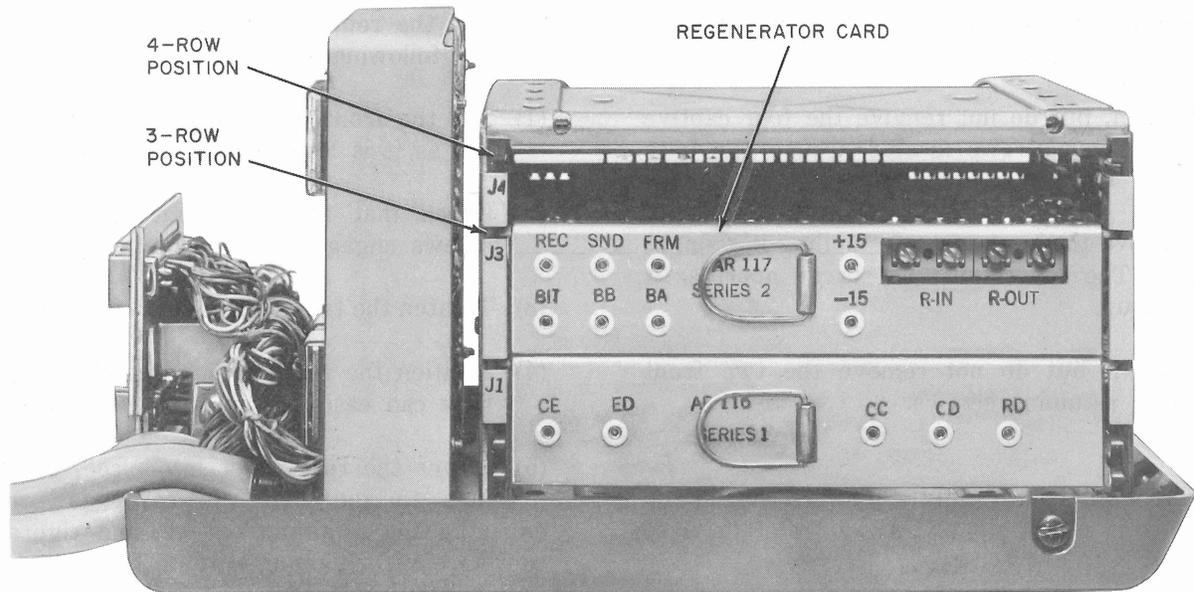
2.02 If the tests indicate that the DAS 811B-type is the cause of the trouble, the following items should be checked:

- (1) Check for cord and connector defects.
- (2) Visually inspect the data auxiliary set for damaged components or loose wires and connectors.
- (3) Check that the regenerator card is correctly positioned, ie, placed in the 3-row position for 3-row operation, or in the 4-row position for 4-row operation. Refer to Fig. 2 and Fig. 3 for information on correctly positioning the regenerator card.



NOTE:
FOR 3-ROW OPERATION, REGENERATOR CARD IS POSITIONED AS SHOWN. FOR 4-ROW OPERATION, REGENERATOR CARD IS PLACED IN 4-ROW POSITION.

Fig. 2—Data Auxiliary Set 811B1 or Data Auxiliary Set 811B2—Regenerator Card Position



NOTE:
FOR 3-ROW OPERATION, REGENERATOR CARD IS POSITIONED AS SHOWN. FOR 4-ROW OPERATION, REGENERATOR CARD IS INSERTED IN J4 (4-ROW) POSITION.

Fig. 3—Data Auxiliary Set 811B3 or Data Auxiliary Set 811B4—Regenerator Card Position

(4) Check to insure that the X option is installed when the data auxiliary set is to be used without an automatic calling unit. The X option must be removed when an automatic calling unit is provided. For information on the installation and removal of the X option, refer to the section entitled Data Auxiliary Set 811B-Type—Installation (598-049-200).

(5) If the regenerator card is suspected of causing trouble, this can be checked by substitution of a regenerator card that is known to be good.



When substituting or replacing the regenerator card, make sure that the new card is inserted in the correct slot and seated properly in the connector. This is very important as the position of the regenerator card conditions the data auxiliary set for either 3-row or 4-row operation.

2.03 If trouble with the data auxiliary set cannot be cleared as outlined, the entire DAS 811B-type should be returned to the distributing

house as prescribed in 1.03 of this section.

Note: Do not attempt to repair individual components of the data auxiliary set.

2.04 When replacing the data auxiliary set, make sure the replacement set is properly conditioned for the station it is to be used with, ie, the regenerator card must be positioned in the correct slot for 3-row or 4-row operation, etc. Install the data auxiliary set in accordance with the section entitled Data Auxiliary Set 811B-Type—Installation (598-049-200).

2.05 Upon completion of the trouble-clearing procedures, the data facility must be tested in accordance with the procedures outlined in the section entitled Data Auxiliary Set 811B-Type—Test Procedures (598-049-500).

3. COVER REMOVAL AND REPLACEMENT PROCEDURE

Note: Cover removal and replacement procedures are the same for all models of the DAS 811B-type.

SECTION 598-049-300

3.01 For the removal of the cover, perform the following operations:

- (1) Loosen, but do not remove the four captive rear cover screws located around the base pan (Fig. 4).
- (2) Remove the rear cover by pulling it straight up. The cover must be spread apart as it is pulled up.
- (3) Loosen, but do not remove the two front cover retaining screws.
- (4) Tilt front cover slightly forward at the top as it is pulled up and away from the base pan.

3.02 For the replacement of the cover, perform the following steps:

- (1) Tilt the front cover slightly forward at the top as it is lowered over the base pan.
- (2) Check that the two front cover retaining screws engage the brackets properly.
- (3) Tighten the two front cover retaining screws.
- (4) Position the rear cover retaining wedges so they can easily receive the cover lugs.
- (5) Lower the rear cover into place, check the lugs to see that the cover is properly engaging the retaining screws, and tighten the captive cover retaining screws.

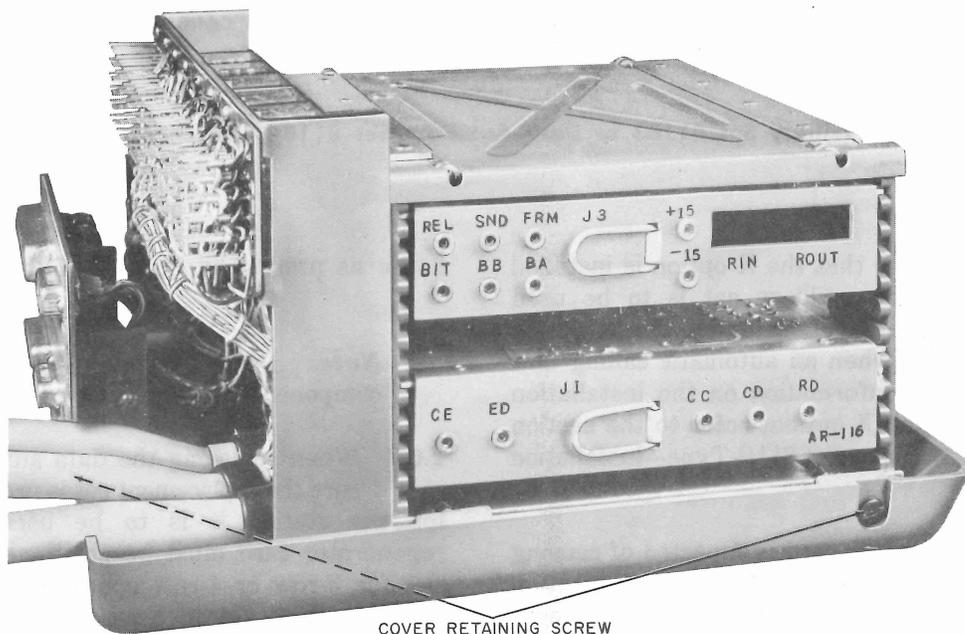


Fig. 4—Data Auxiliary Set 811B1 or Data Auxiliary Set 811B2—Cover Retaining Screw Locations