

DATA SET 103A3 MAINTENANCE

1. GENERAL

1.01 This section provides maintenance information for the data set 103A3 and the 565HK, 2565HK, 662A1, and 2662A1 telephone sets.

2. MAINTENANCE

2.01 No routine maintenance of the data set is required.

2.02 For a circuit description and schematic diagram of data set 103A3, refer to CD- and SD-1D245-01.

2.03 Trouble clearing activity on the data set will normally be under direction of a data test center.

2.04 Sets suspected of being in trouble should be tested as outlined in Section 591-014-501. If set meets test requirements:

- (1) Confirm that the data terminal equipment and associated cords test satisfactorily.
- (2) Check for cord and connector defects.
- (3) Check for intermittent trouble in station wiring.
- (4) Refer to plant service center for further analysis and instruction.

Caution: *To prevent damage to transistors, unplug rectifier power cord before connecting or disconnecting KS-type connectors or before making any wiring changes.*

2.05 Sets failing to meet test requirements should be replaced and the replacement set tested as outlined in Section 591-014-501.



Verify that replacement set is wired for proper options.

2.06 Sets requiring repair must be returned to Western Electric Company distribution house. Tag defective set to indicate nature of trouble.

2.07 Exercise care in handling and transporting data sets. If possible, use original cartons to store, transport, or ship data sets.

2.08 Make certain any maintenance spare sets are checked and ready for immediate installation.

2.09 Maintenance information for data auxiliary set 801-type or 565HK, 2565HK, 662A1, or 2662A1 telephone set, used with data set 103A3, can be found in the sections dealing with the particular apparatus.

3. COVER REMOVAL AND REPLACEMENT

Removal

- (1) Loosen but do not remove the four screws located around base of data set.
- (2) Carefully lift cover off base of set.

Replacement

- (1) Position retaining wedges of cover screws so that they may easily receive cover lugs.
- (2) Place cover on data set, being careful to position cover lugs directly over cover screws. Carefully press cover into positions.
- (3) Tighten cover screws.

4. MAINTENANCE AIDS

4.01 The following documents may be of assistance during a maintenance visit:

NUMBER	TITLE
SD- & CD-1D147-01	Data Set 103E5 Transmitter-Receiver Circuit

SECTION 591-014-301

SD- & CD-1D245-01 Data Set 103A3

SECTION	TITLE	SECTION	TITLE
591-025-100	Data Set 103E-Type—Identifi- cation	502-617-402	Service—662-Type Telephone Sets
502-541-415	Service—565HK Telephone Sets	502-619-402	Service—2662-Type Telephone Sets
502-543-405	Service—2565HK Telephone Sets	107-101-100	914-Type Data Test Set— Description and Operation