

DATA SET 603B-TYPE MAINTENANCE

1. GENERAL

1.01 This practice provides maintenance procedures for Data Set 603B-type. Test procedures are contained in the section entitled Data Set 603B-Type, Test Procedures (596-013-500).

1.02 This section is reissued to add information concerning the maintenance of Data Sets 603B3 and 603B4.

1.03 Schematics and related information are contained in SD- and CD-1D071-01.

2. SERVICE INSTRUCTIONS

2.01 No routine maintenance is required. For maintenance of telephone set portion of data set, refer to sections covering maintenance of 700-type telephone sets for Data Sets 603B1 and 603B3, or 1700-type telephone sets for Data Sets 603B2 and 603B4.

2.03 Ringer repair and adjustment is outlined in maintenance practices for the M1A ringer.

2.03 Sets to be held on company premises as spare equipment must be ready for immediate use in case of trouble. They should be tested, tagged, and placed back in their original cartons for protection.

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



Testing of data set is controlled by the plant test center. The plant test center or data test center should be the contact for test procedure.

2.05 It is assumed that a loop-back test has been performed by data test center with the customer before a repair visit is made to customer premises.

2.06 Sets suspected of being in trouble should be tested as directed by data test center.

(a) If set meets test requirements specified in the section entitled Data Set 603B-Type, Test Procedures, (596-013-500), and trouble persists:

(1) Confirm with customer that business machine and associated cords test satisfactorily.

(2) Check for cord and connector defects.

(3) Check for intermittent trouble in station wiring, protector, etc.

(4) Refer to data test center for further analysis and instruction.

(5) Refer to supervision for further action.

(b) Sets failing to pass test requirements should be replaced.

(c) New data sets should be tested with data test center before being turned over for customer use.



When replacing set, verify that new set is strapped for proper options.

2.07 After trouble has been cleared, verify that data transmission is satisfactory between customer locations before leaving the customer premises.

2.08 Sets to be returned to distributing house should be packed carefully (in original cartons, if available) to protect sets in transit. Properly tag defective sets and printed board assemblies, describing nature of trouble as completely as possible.

SECTION 596-013-300

3. REPLACEMENT PROCEDURES

3.01 Component replacement is limited to the handset. Replace the handset when required with an identical unit known to be good.

3.02 To remove cover of data set:

- (1) Loosen but do not remove captive screws located around base.
- (2) Remove covers, rear cover first.

3.03 To replace cover of data set:

- (1) Position retaining wedges so they may easily receive the cover lugs.

(2) Position front cover over the wedges, tilting the cover slightly forward. The key mounting assembly is flexible and can be moved to facilitate positioning the cover. When buttons and dial are aligned in their respective holes, press cover in place.

(3) Slide rear cover straight down over circuit boards until it rests on base of set.

(4) Tighten cover screws.