

DATA SET 205A
TRANSMITTER-RECEIVER
USED ON PRIVATE SERVICE SYSTEMS
SWITCHING SYSTEM NO. 307
MAINTENANCE

1. GENERAL

- 1.01 Issue 1 of this section received limited distribution. It is being re-issued to make minor changes and add information about checking the crystal oscillator.
- 1.02 No routine maintenance of the data set 205A is required.
- 1.03 For complete circuit information refer to CD- and SD-1D054-01, and SD-1D060-01.
- 1.04 Sets to be held as spare equipment should be tested, tagged, and placed back in their original cartons for protection. The spare equipment must be ready for immediate use in case of an emergency.

2. PROCEDURE

- 2.01 Trouble clearing activity will normally be under the direction of a serving test center.
- 2.02 If a data test center is unavailable, use test procedures listed in Section 592-017-500.

Caution: A hazardous voltage may be present if the customer A plug is removed and a strap has not been placed between E1 and E2. To avoid the possibility of a shock, disconnect the ac power cord of the data set 205A and place the strap between E1 and E2 before removing the customer A plug. When customer A plug is reconnected,

remove strap before connecting the ac power cord of the data set.

- 2.03 If set meets requirements listed in Section 592-017-500 and trouble persists:
- (1) Confirm that business machine and associated equipment test ok.
 - (2) Check that line facilities test ok.
 - (3) Refer to the serving test center for further instruction.
- 2.04 If set does not meet requirements and replacement of circuit boards or other components does not clear trouble, replace set with spare.
- Caution: The weight of this unit is 56 pounds.
- Note: Verify that replacement set is strapped for the proper options.
- 2.05 After trouble has been cleared, verify that the service is satisfactory to customer before clearing trouble report with serving test center.
- 2.06 The serving test center may request a periodic check of the crystal oscillator located on card 051. If an adjustment is necessary, use procedure given in the remote test paragraph in Section 592-017-500.
- 2.07 Oscillator must be checked at least once every three years.