DATA SET 202E-TYPE
TRANSMITTER
MAINTENANCE

1. GENERAL

1.01 This section contains information concerning the maintenance of Data Set (DS) 202E-type. The purpose of this section is to aid the craft employee, in coordination with the data test center (DTC), in locating and eliminating trouble reported by a DS 202E-type station.

1.02 This section is reissued to add a flow chart (Fig. 1) for the craft employee to follow when dispatched to a defective DS 202E-type station. Because of extensive revision, change arrows, ordinarily used to indicate changes, have been omitted.

1.03 No routine maintenance is required for DS 202E-type.

2. MAINTENANCE PROCEDURE

2.01 Refer to Fig. 1 when investigating a trouble report. Information concerning the test procedures necessary to locate the trouble can be found in the section entitled Data Set 202E-Type, Test Procedures (592-018-500).

2.02 The craft employee, when dispatched to the defective data station, should be equipped with a DS 202E-type identical to the data set being tested or replaced. If the data set has to be replaced, tests should be performed to verify that service is satisfactory after replacement.

2.03 When installing the data set replacement, make loop-loss and power-level adjustments as specified in the section entitled Data Set 202E-Type, Transmitter, Installation and Connections (592-018-200).

2.04 When the defective data set is replaced, it should be tagged with the nature of the trouble, carefully packed, and returned to the distributing house.

2.05 Verify to the customer that data transmission is satisfactory by placing a data call.

Take proper steps to ensure that the customer is not billed for test calls. Refer to the section entitled Crediting Charges on Test Calls (010-250-001).

2.06 If trouble persists:

(a) Confirm that the business machine has been tested and checks satisfactorily.

(b) Check for cord and connector defects.

(c) Check for intermittent trouble in the station wiring.

(d) Refer to the data test center for further analysis.

2.07 To minimize the spare parts inventory and the cost of repairing, it may be advantageous to locate the defective circuit pack by means of supplemental tests in the company shop. Thus, only the defective circuit pack need be returned to WECo for repair, and the remaining circuit packs will be available for repair service on subsequent trouble reports.

3. COVER REMOVAL AND REPLACEMENT

3.01 To remove the covers, loosen the six captive retaining screws located around the base of the housing. Lift the covers, removing the rear half first.

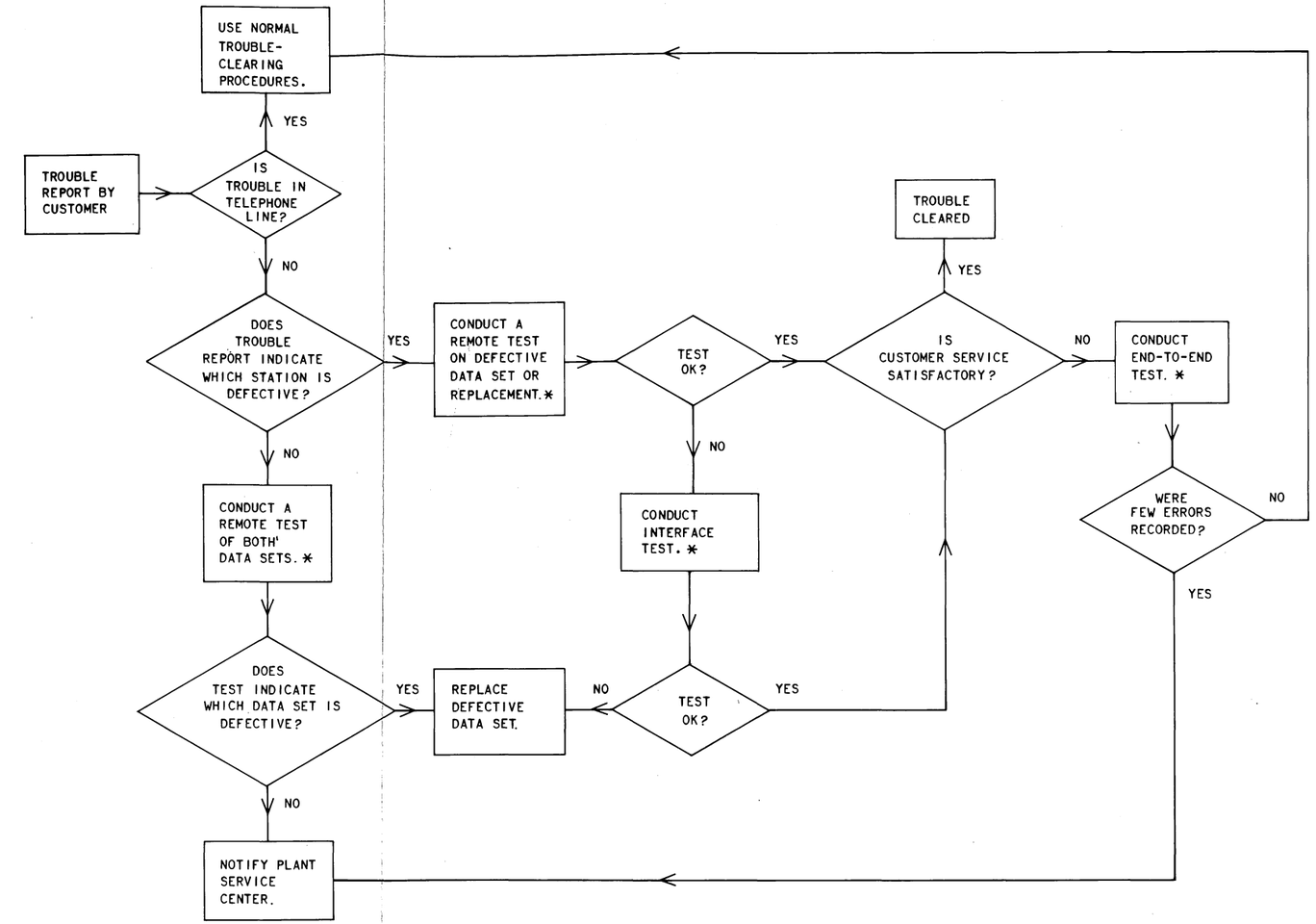
3.02 To replace the covers, position the retaining wedges so that they will receive the cover lugs easily. Lower the front cover over the dial and keys by tilting the cover forward as it is lowered. Lower the rear cover in place by positioning the two rear retaining wedges first. Tighten the six captive retaining screws.

4. REFERENCES

4.01 The following Bell System Practices provide additional information concerning DS 202E-type:

SECTION	TITLE
592-018-100	Data Set 202E-Type, Description and Operation
592-018-150	Data Set 202E-Type, Transmitter, Theory of Operation and Supplementary Information
592-018-200	Data Set 202E-Type, Transmitter, Installation and Connections

4.02 For detailed information concerning DS 202E-type, refer to SD- and CD-1D078-01.



* SEE SECTION 592-018-500 IF DS 202E-TYPE IS TESTED. IF RECEIVER IS BEING TESTED, CONSULT TEST PRACTICE CONCERNING THAT DATA SET.

Fig. 1—Craft Employee Analysis for Clearing a Trouble Report