

DATA SETS 401 B, D

RECEIVERS

MAINTENANCE

1. GENERAL

- 1.01 No routine maintenance of data set is required.
- 1.02 For maintenance of the telephone set refer to sections covering maintenance of 500-type telephone sets.
- 1.03 Complete schematic circuit information is covered in CD- and SD-10002-01.

2. PROCEDURE

- 2.01 Sets suspected of being in trouble should be tested as described in Section 594-011-500.
- 2.02 If set meets requirements and trouble is still present:
 - (1) Confirm that business machine and associated cords have been checked.
 - (2) Check for intermittent trouble in station wiring.
 - (3) Refer to data test center for further analysis.
- 2.03 Sets failing to meet test requirements should be replaced or repaired by changing printed board assemblies. Table A shows the wiring boards and their functions.

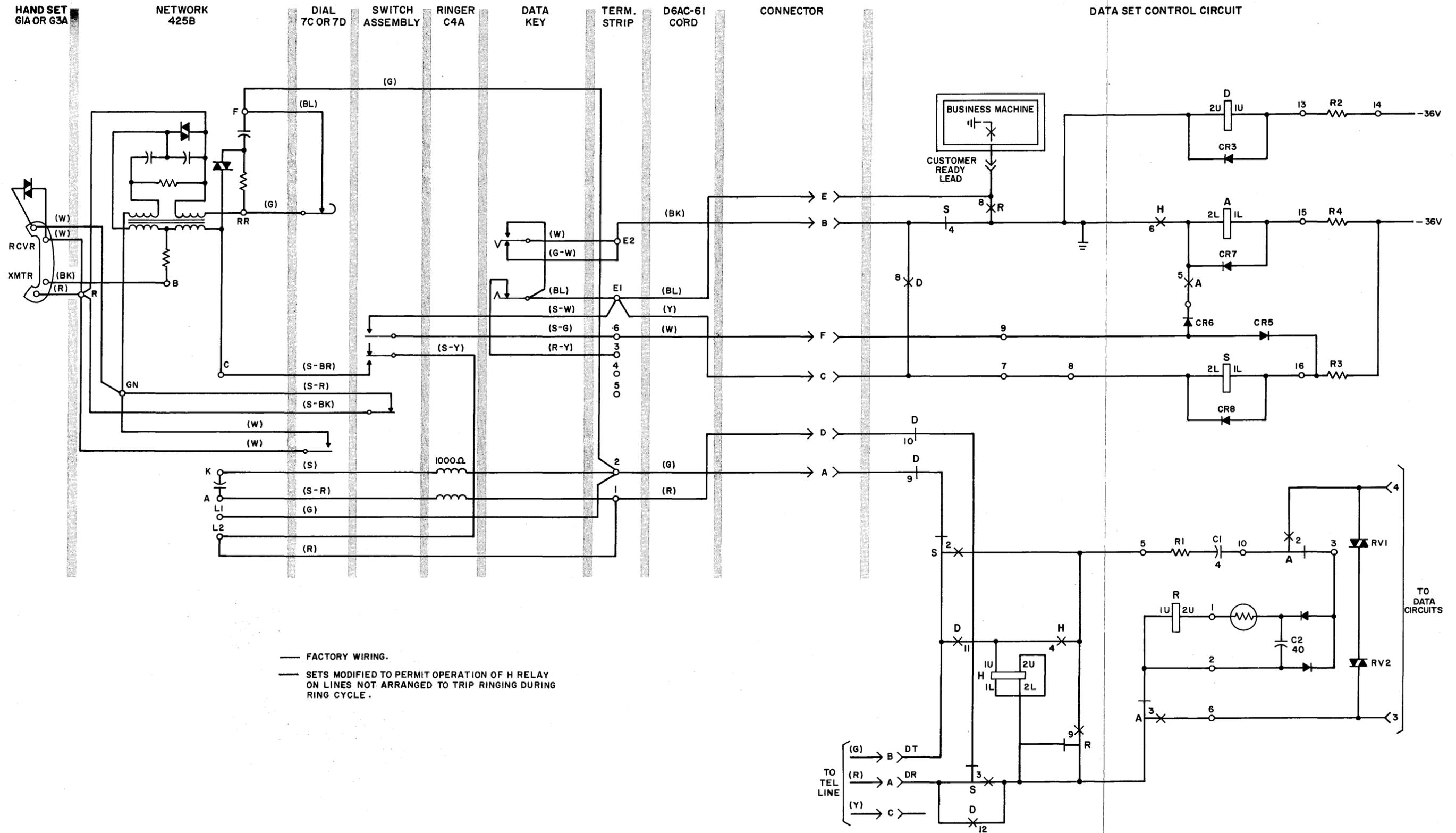
- If changing boards fails to clear the trouble, replace the set.

TABLE A

PRINTED BOARD ASSEMBLIES

Function	Printed Board Assembly
Control	ED-1D001
Answer Back, AGC, and Detector Control	ED-1D002
Data Channels 1-4	ED-1D003, GR 1
Data Channels 5-8	ED-1D003, GR 2
Data Channels 9-12	ED-1D003, GR 3

- 2.04 Exercise care in handling and transporting data sets and wiring boards. If possible, use original cartons to store, transport, or return data equipment.
- 2.05 Fig. 1 shows the circuit schematic for the modified 502BR-61 telephone set together with data set control circuit.
- 2.06 Sequence charts for unattended and attended operation are shown in Fig. 2.



— FACTORY WIRING.
 — SETS MODIFIED TO PERMIT OPERATION OF H RELAY ON LINES NOT ARRANGED TO TRIP RINGING DURING RING CYCLE.

NOTE 1: FOR ATTENDED OPERATION MOVE YELLOW LEAD FROM E1 TO TERMINAL 4.

NOTE 2: ALL NUMBERED TERMINALS IN CONTROL CIRCUIT ARE LOCATED ON CPS 1 (ED-10001).

Fig. 1 - Modified 502BR-61 Telephone Set Circuit and Data Set Control Circuit

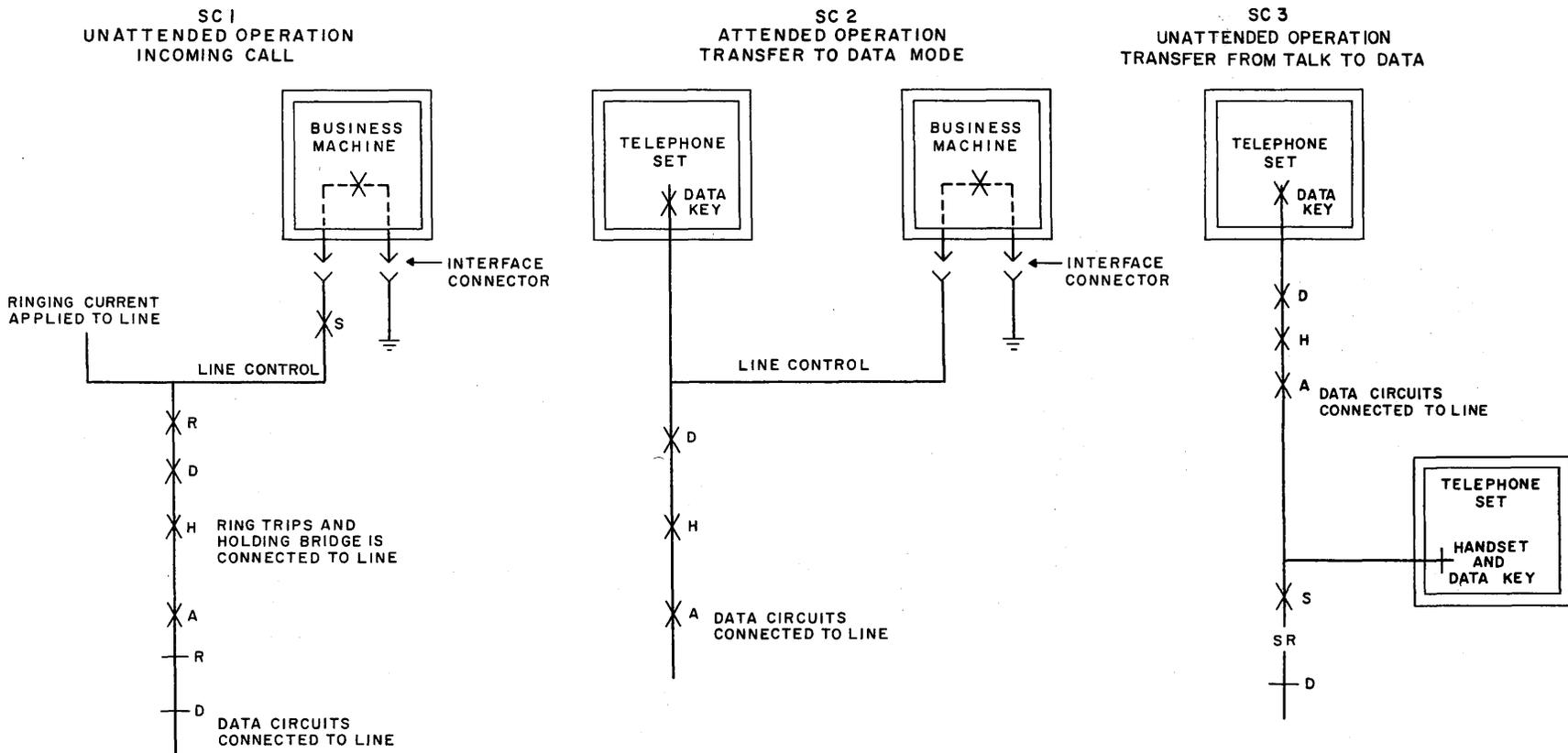


Fig. 2 - Sequence Charts, Data Sets 401B, D