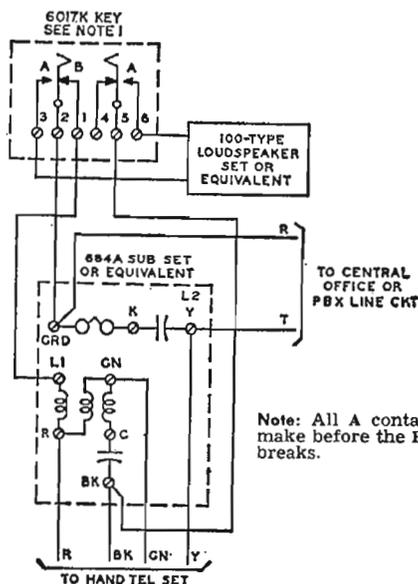


## 5A AND 5B KEY EQUIPMENTS CONNECTIONS

### 1.00 INTRODUCTION

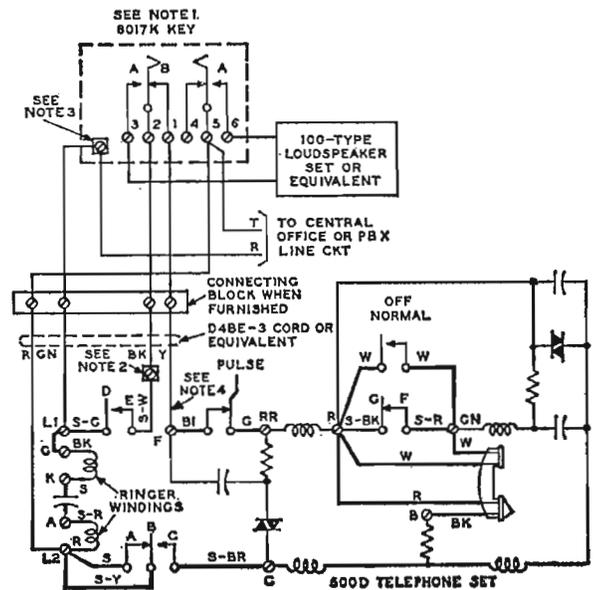
Connections for 5A and 5B key equipments are covered on the following circuit drawings.

- | Fig. | Title   | Fig. | Title   |
|------|---|------|---|
| 1    | 5A Key Equipment — Connections to 684A Subscriber Set and Hand Telephone Set                              | 9    | 5B Key Equipment Using Alternate Circuit — Connections to 440- or 460-type Telephone Set  |
| 2    | 5A Key Equipment — Connections to 500C or D Telephone Set   | 10   | 5B Key Equipment — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System   |
| 3    | 5A Key Equipment — Connections to 440- or 460-type Telephone Set Used with 1A or 1A1 Key Telephone System | 11   | 5B Key Equipment Using Alternate Circuit — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System                                   |
| 4    | 5A Key Equipment — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System | 12   | 5B Key Equipment Using Alternate Circuit — Connections to 211- or 213-type Hand Telephone Set and Separately Mounted Keys Used with 1A and 1A1 Key Telephone System |
| 5    | 5B Key Equipment — Connections to 684A Subscriber Set and Hand Telephone Set                              |      |   |
| 6    | 5B Key Equipment — Connections to 500C or D Telephone Set   |      |   |
| 7    | 5B Key Equipment Using Alternate Circuit — Connections to 500C or D Telephone Set                         |      |   |
| 8    | 5B Key Equipment — Connections to 440- or 460-type Telephone Set Used with 1A or 1A1 Key Telephone System |      |   |



Note: All A contacts shall make before the B contact breaks.

**Fig. 1 — 5A Key Equipment — Connections to 684A Subscriber Set and Hand Telephone Set**



Note 1: All A contacts shall make before the B contact breaks.

Note 2: Use D-161488 connector, or equivalent, to connect S-W lead removed from terminal F to black cord conductor.

Note 3: Use D-161488 connector, or equivalent.

Note 4: If telephone set is manual, connect yellow cord conductor to terminal RR.

**Fig. 2 — 5A Key Equipment — Connections to 500C or D Telephone Set**

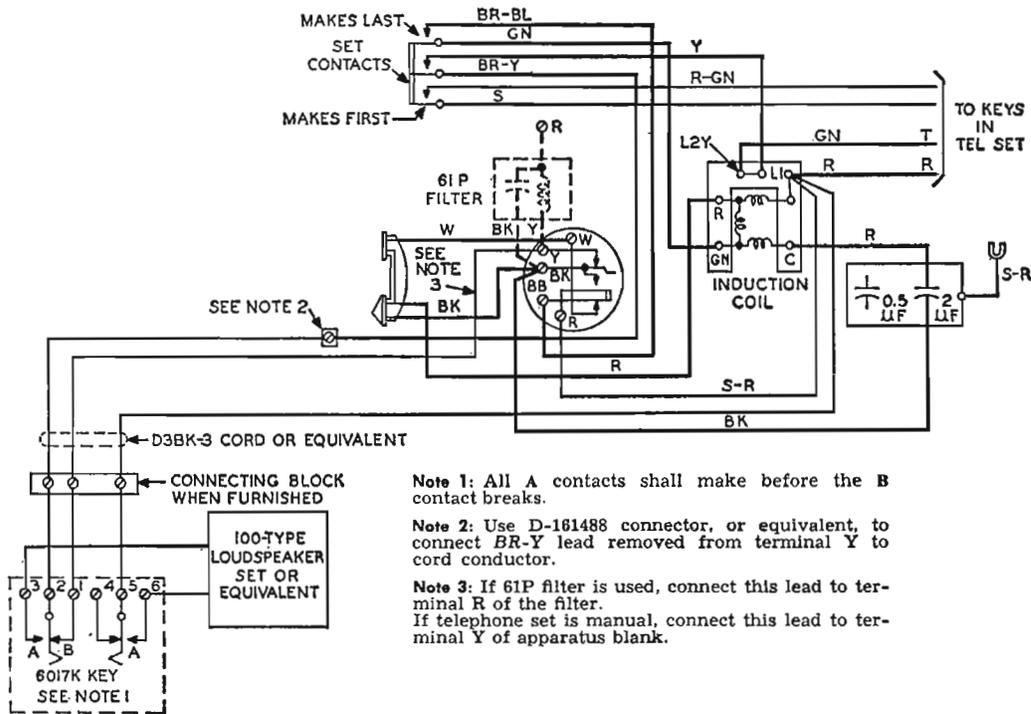


Fig. 3 — 5A Key Equipment — Connections to 440- or 460-type Telephone Set Used with 1A or 1A1 Key Telephone System

- Note 1: All A contacts shall make before the B contact breaks.
- Note 2: Use D-161488 connector, or equivalent, to connect S-BR lead removed from terminal C to cord conductor.
- Note 3: Lead from terminal C may be cut or unsoldered. Use D-161488 connector, or equivalent, to connect cord conductor to terminal C lead.
- Note 4: If telephone set is manual, connect this lead to terminal RR.

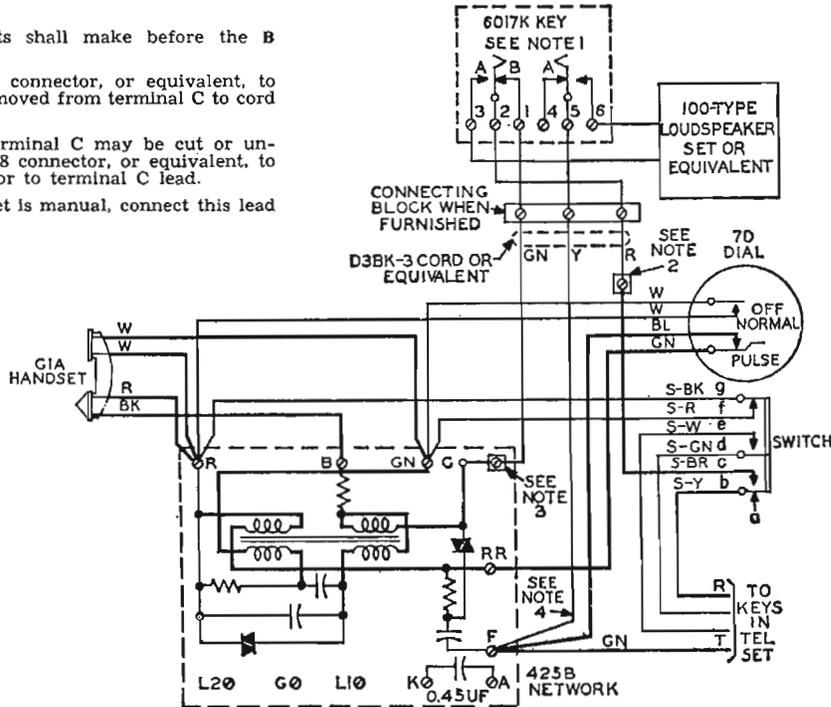


Fig. 4 — 5A Key Equipment — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System

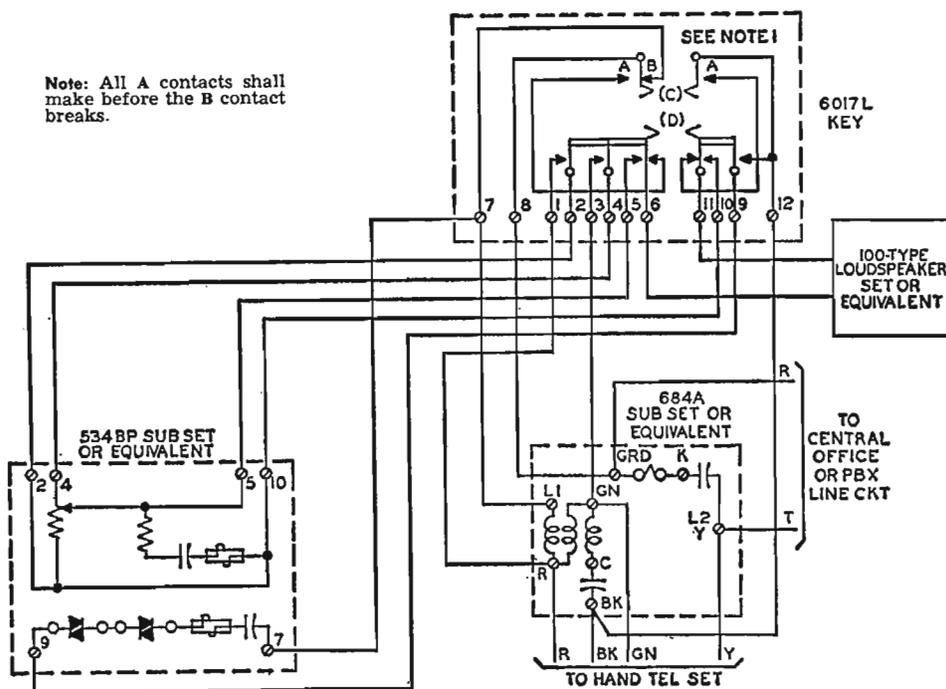


Fig. 5 — 5B Key Equipment — Connections to 684A Subscriber Set and Hand Telephone Set

Note 1: All A contacts shall make before the B contact breaks.

Note 2: Use D-161488 connector, or equivalent, to connect S-W lead removed from terminal F to black cord conductor.

Note 3: Use D-161488 connector, or equivalent.

Note 4: If telephone set is manual, connect yellow cord conductor to terminal RR.

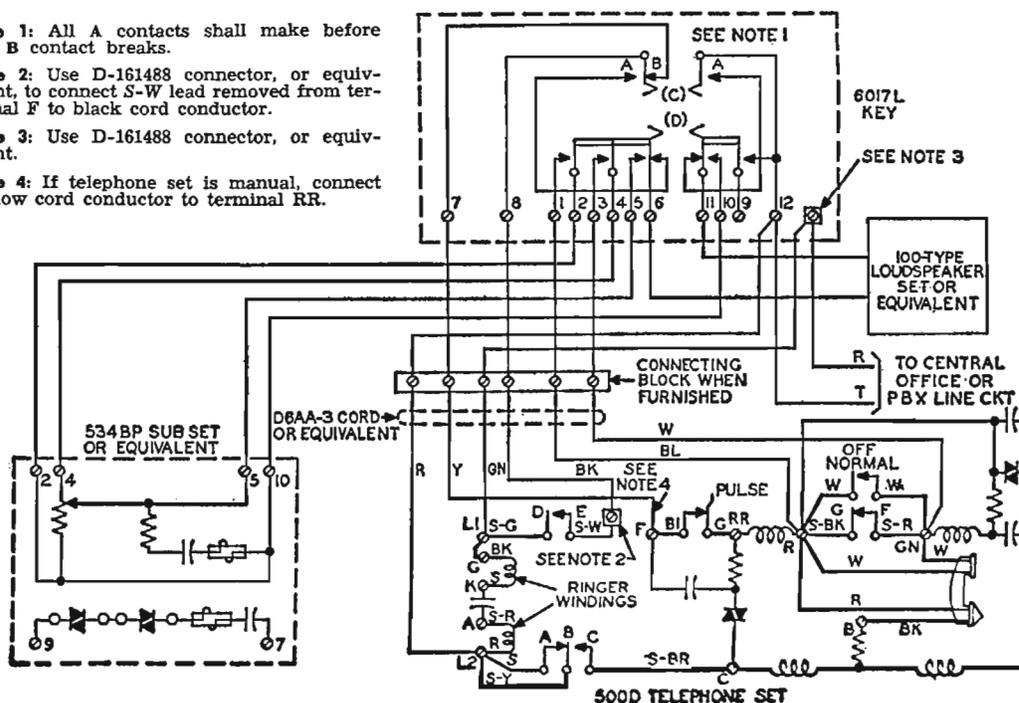


Fig. 6 — 5B Key Equipment — Connections to 500C or D Telephone Set

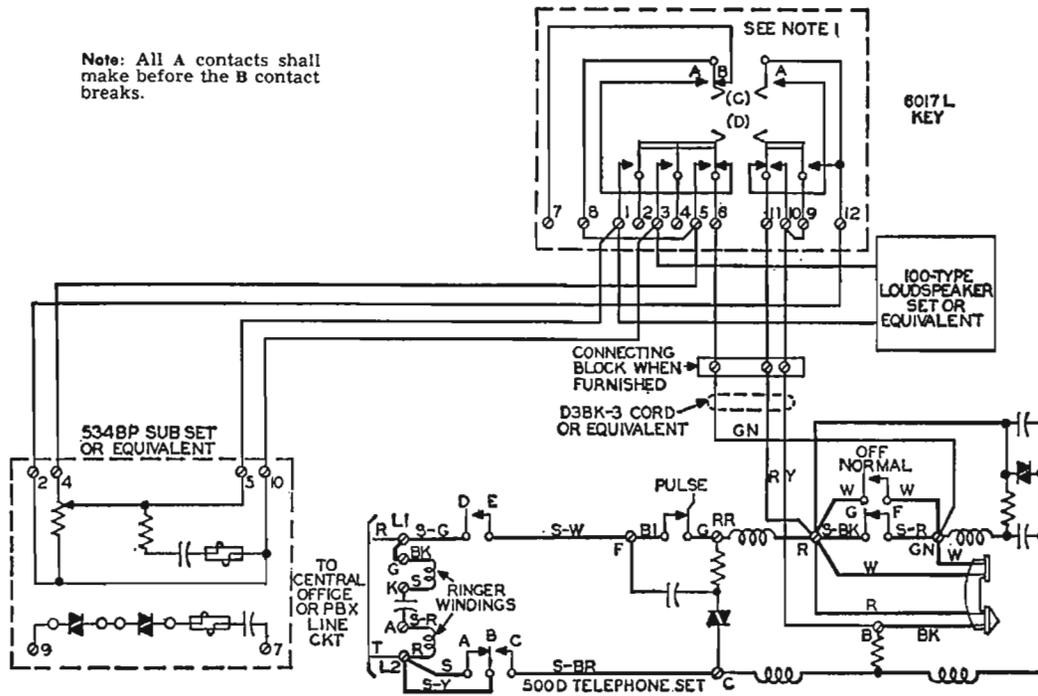


Fig. 7 — 5B Key Equipment Using Alternate Circuit — Connections to 500C or D Telephone Set

Note 1: All A contacts shall make before the B contact breaks.

Note 2: Use D-161488 connector, or equivalent, to connect BR-Y lead removed from terminal Y to cord conductor.

Note 3: If 61P filter is used, connect this lead to terminal R of the filter. If telephone set is manual, connect this lead to terminal Y of apparatus blank.

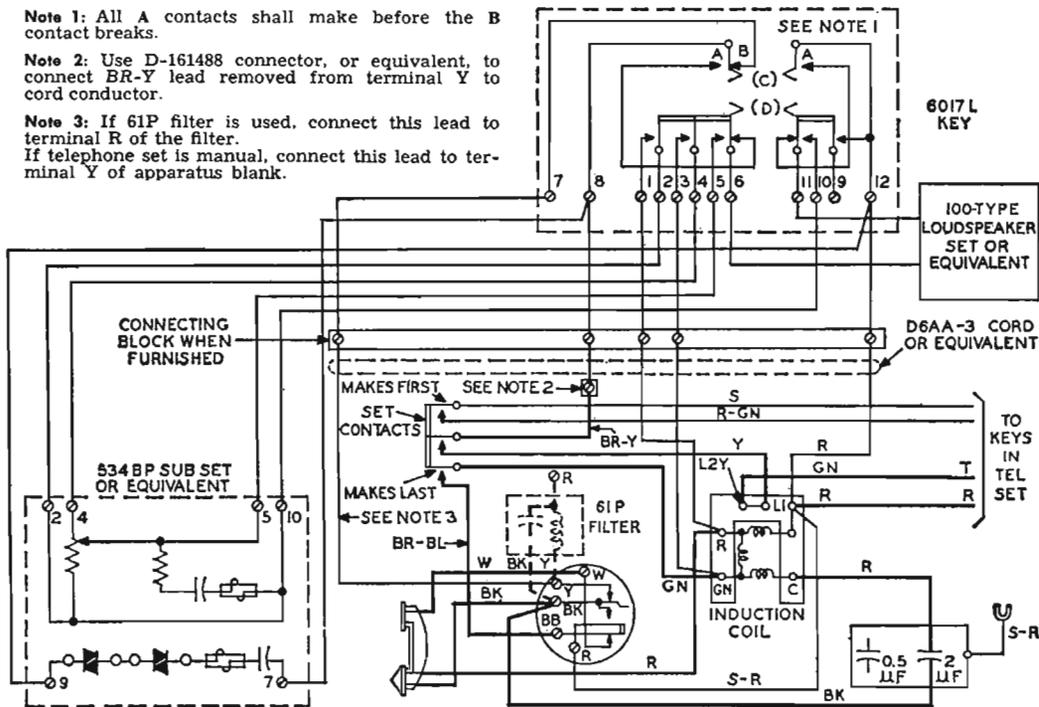
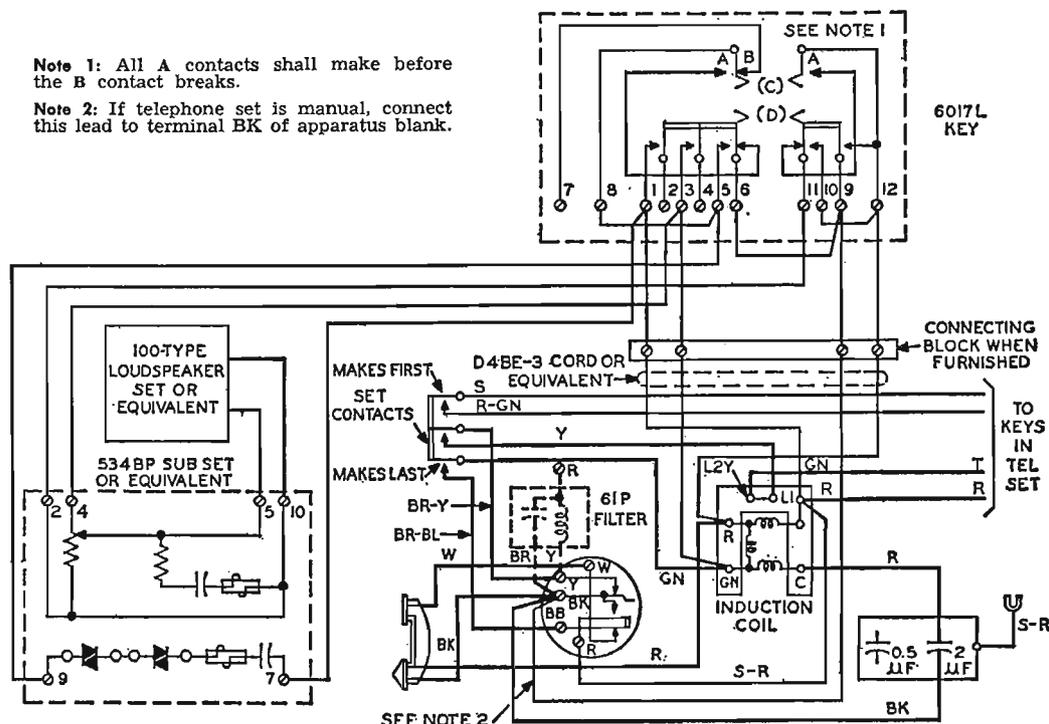
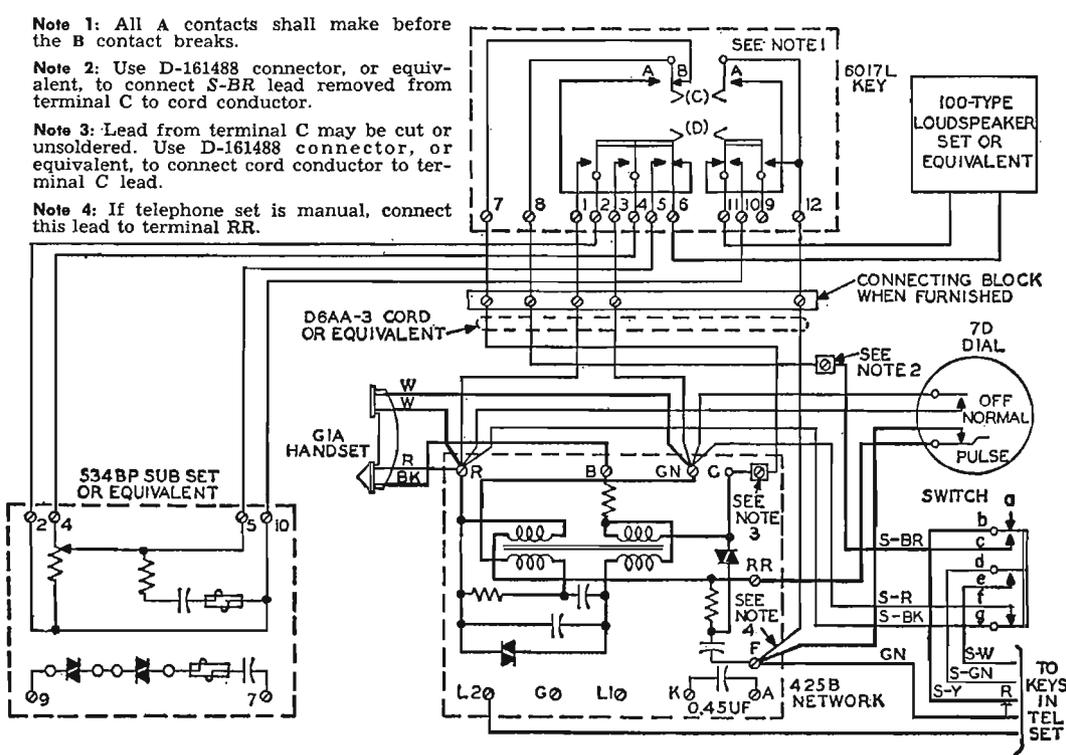


Fig. 8 — 5B Key Equipment — Connections to 440- or 460-type Telephone Set Used with 1A or 1A1 Key Telephone System



**Fig. 9 — 5B Key Equipment Using Alternate Circuit — Connections to 440- or 460-type Telephone Set**



**Fig. 10 — 5B Key Equipment — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System**

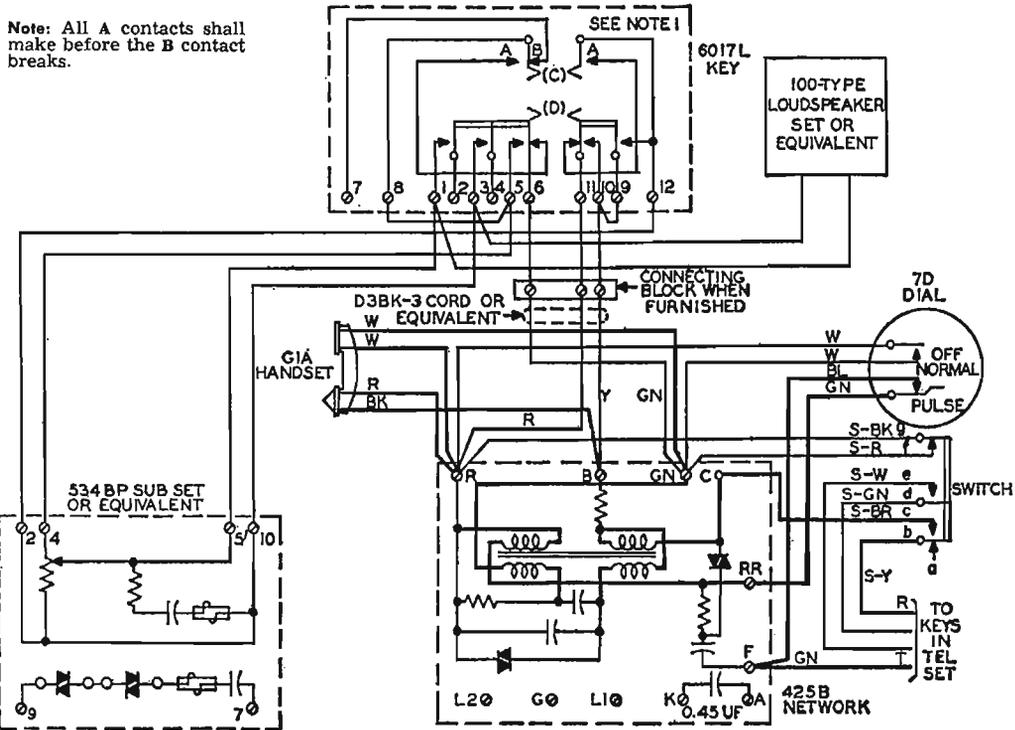


Fig. 11 — 5B Key Equipment Using Alternate Circuit — Connections to 540- or 560-type Telephone Set Used with 1A or 1A1 Key Telephone System

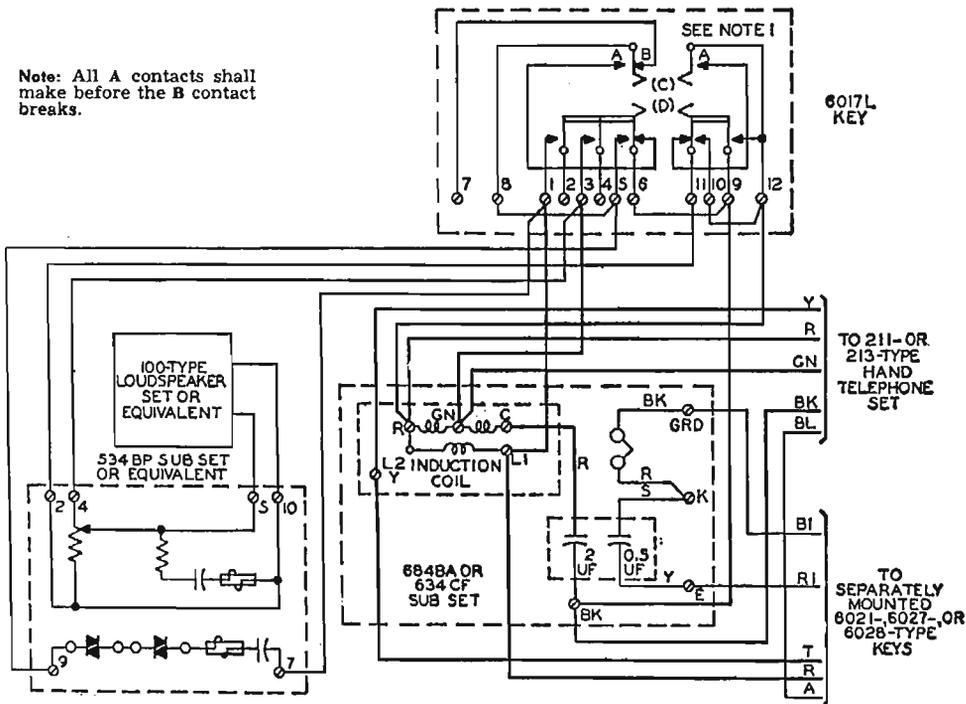


Fig. 12 — 5B Key Equipment Using Alternate Circuit — Connections to 211- or 213-type Hand Telephone Set and Separately Mounted Keys Used with 1A or 1A1 Key Telephone System