

A.E.CO. TYPE 83 TELEPHONE SET
MODIFICATION FOR USE IN 10A1, 10A2 AND 16A KEY TELEPHONE SYSTEMS

1. GENERAL

1.01 This section describes the modifications required to adapt the A.E.Co. Type 83 compact suspension telephone set for A-lead control in 10A1, 10A2 and 16A key telephone systems. The modified set may be used in conjunction with an external key or key adapter, or be connected permanently to one of the key system lines.

2. PROCEDURE

2.01 The wiring diagram of a Type 83 telephone set is shown in Figure 1 as modified for key system operation. The modification procedure is set forth in steps (1) through (6) below.

- (1) Disconnect the green hookswitch lead and tape it.
- (2) Unsolder the black lead from hookswitch spring 2 and from the .4 μ fd. capacitor.

(3) Unsolder the lead of the 100 Ω resistor from hookswitch spring 3, and solder it to the vacated terminal of the .4 μ fd. capacitor.

(4) Solder a yellow lead to hookswitch spring 2, and terminate it on terminal 3.

(5) Solder a brown lead to hookswitch spring 3, and terminate it on the terminal above terminal 1, which is accessible after removal of the dial.

(6) Connect the station wire as follows:

Red to terminal 1

Green to terminal 2

Yellow to the unmarked terminal above 1

Black to terminal 3.

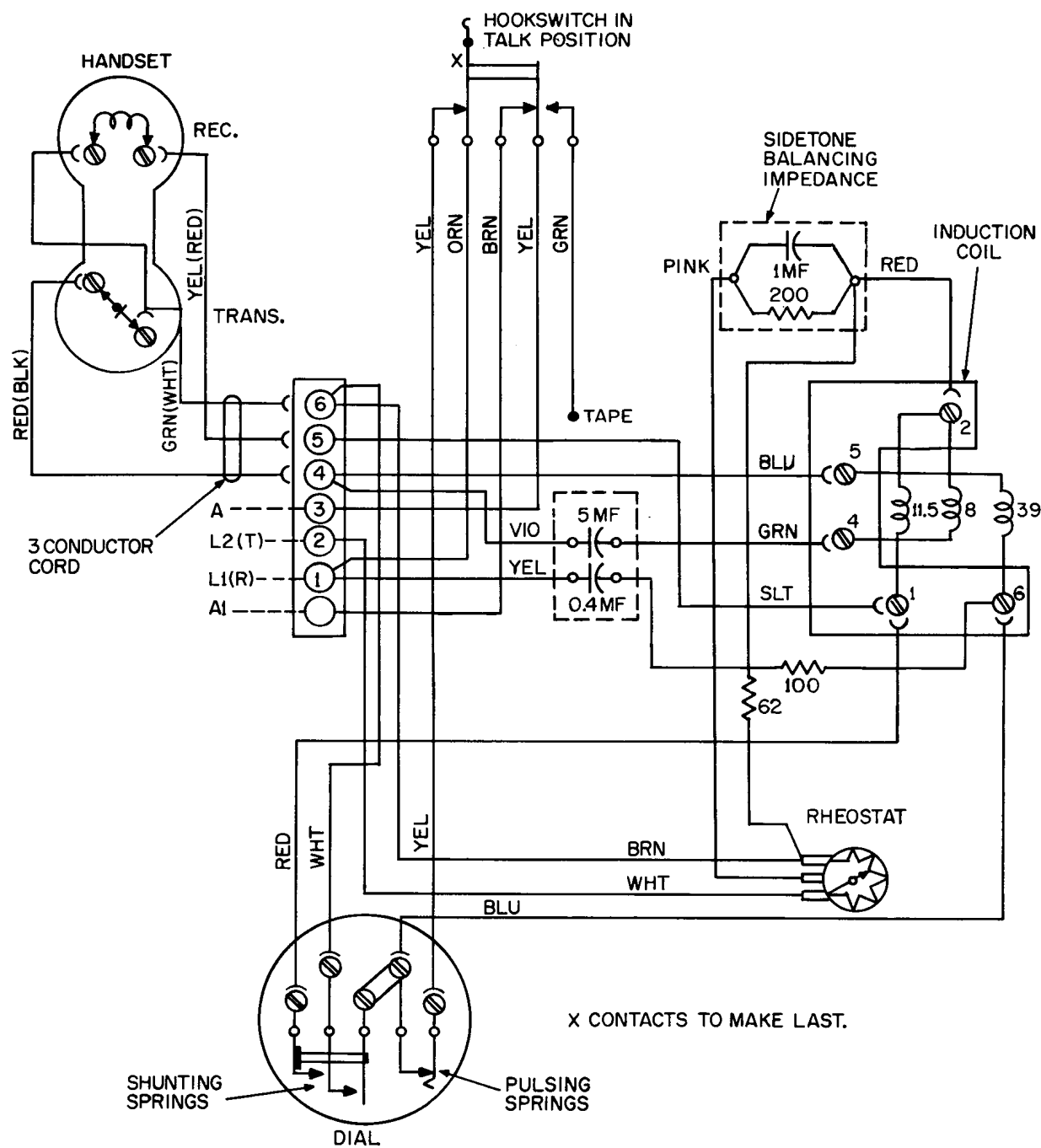


Figure 1. Wiring Diagram of Modified Type 83 Telephone Set.