

LEICH 100-SERIES 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 Leich 100-series desk or wall 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 circuit drawing of a Leich 100-series 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, in which all terminals referred to are on the panel of the steel-cased, potted self-compensating network with which the set is equipped.

- (1) Terminate the black capacitor lead on terminal L1.

- (2) Terminate the brown hookswitch lead on terminal G.
- (3) Terminate the yellow hookswitch lead on terminal S.
- (4) Terminate the red ringer lead on terminal L2.
- (5) Connect a length of green wire between terminals L2 and X.
- (6) Replace the 3-conductor line cord with a 4-conductor NL-18069-\* line cord of appropriate color as indicated by the usual A.E.Co. suffix letter (not the original Leich suffix letter) in place of the asterisk. Connect as follows:

Red to terminal L1  
Green to terminal L2  
Yellow to terminal G  
Black to terminal S.

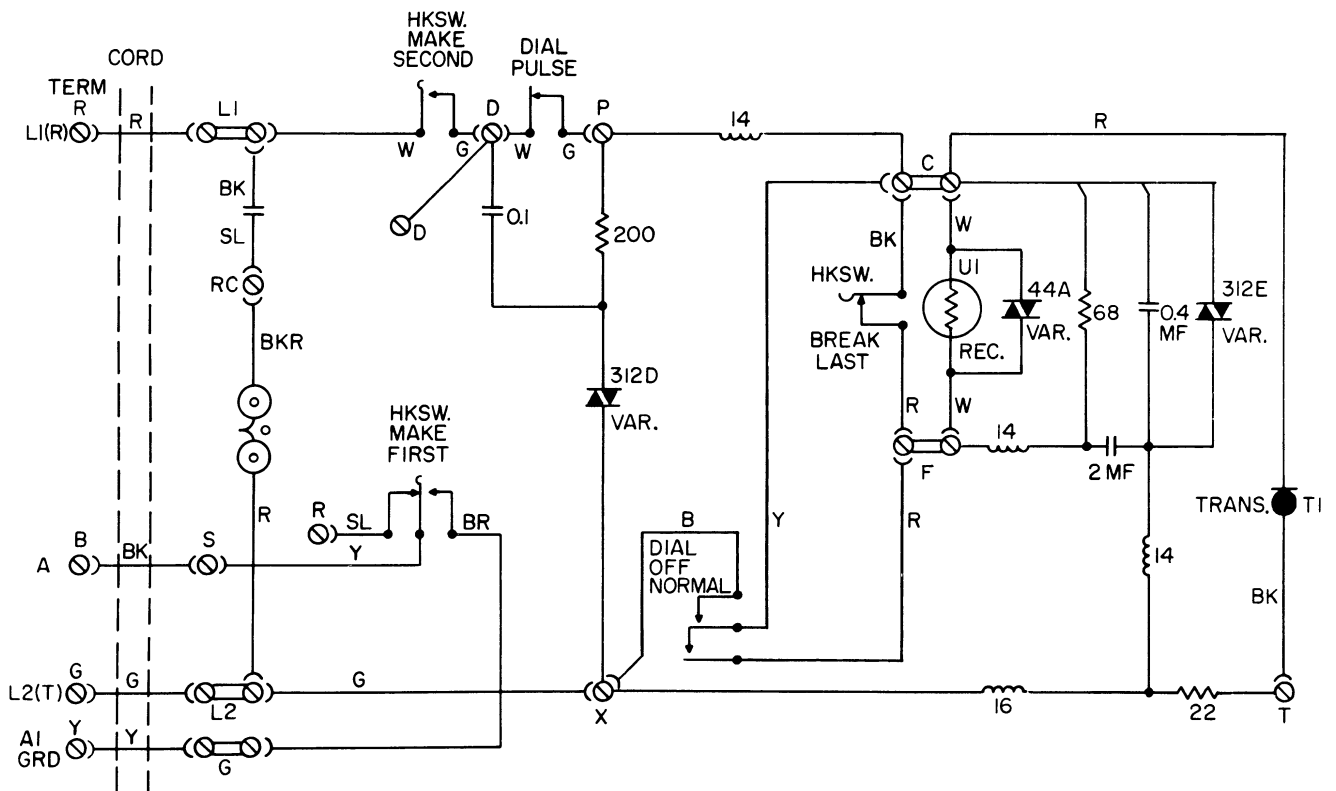


Figure 1. Circuit Drawing of Modified Leich 100-Series Telephone Set.