

SECTION 702.008

3. DESCRIPTION OF APPARATUS AND FUNCTIONS:

3.1 The HV and LV key is locking. It is operated to the HV position for applying a high voltage test. It is operated to the LV position for applying a low voltage test.

3.2 The FUSE, G and BAT key is locking. In the normal, G position of the key, the ground application tests are made by connecting ground to the selectors having one side of their windings wired to battery. The key is operated to the FUSE position when making fuse application tests by removing the individual fuse and connecting the test set in series with the central office battery and the selector at this point. The key is operated to the BAT position for making battery application tests by connecting battery to the selector having one side of their windings wired to ground.

3.3 The VM and BAT-TST key is locking in the VM position. The key is operated to the VM position for connecting the voltmeter across the selector under test. The key is operated to the BAT-TST position for connecting the voltmeter across an individual dry cell when making a check test of the auxiliary battery.

3.4 The voltmeter is for measuring the voltage across a selector under test and for measuring the voltage across the terminals of an individual dry cell when making a check test of the auxiliary battery.

3.5 The 32-A test set is used as an extension key set and performs the same functions as the HV and LV keys. It is used when testing and adjusting selectors at a distance from the test set.

3.6 The HV and LV rheostats are for obtaining a closer potential range than is possible by moving the conductors of the auxiliary battery patching cord D from one cell to the next.

4. DESCRIPTION OF CIRCUIT:

4.1 Fig. 1 illustrates in schematic the circuit of the No. 200 and 206 type selector test set.

4.2 Fig. 2 illustrates the ground application of the test set.

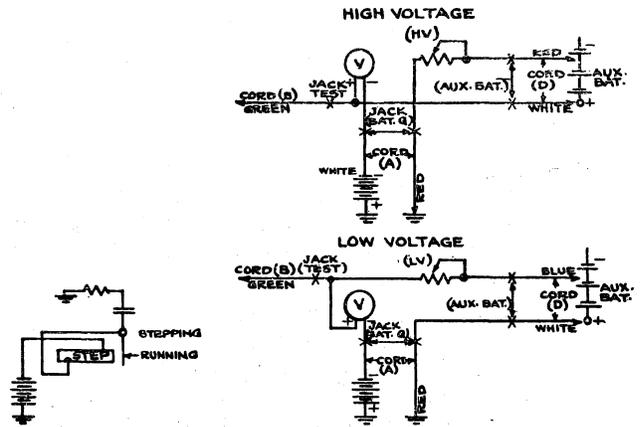


Fig. 2

4.3 Fig. 3 illustrates the fuse application of the test set.

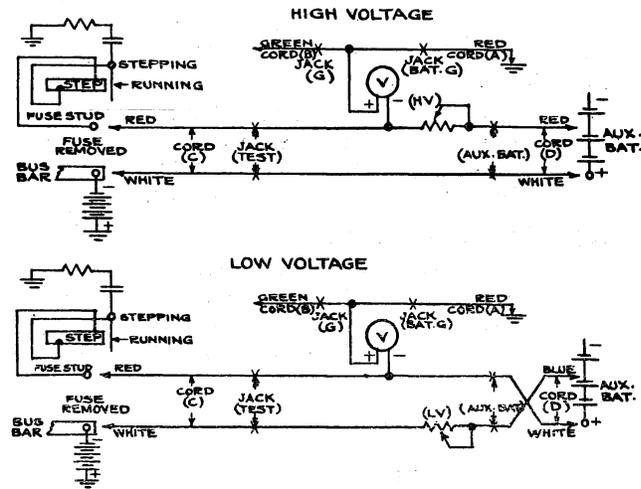


Fig. 3

4.4 Fig. 4 illustrates the battery application of the test set.

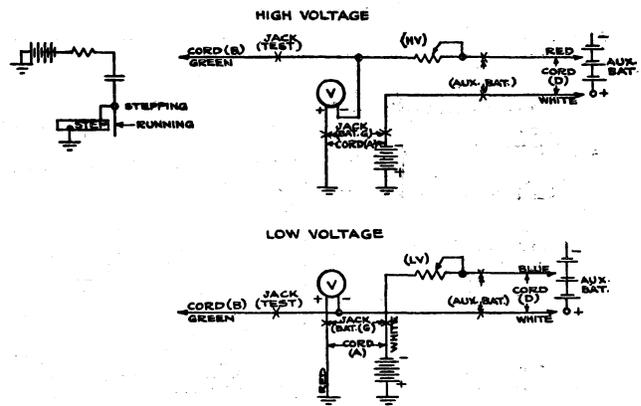


Fig. 4

4.5 The details of the circuit operation of the No. 200 and 206 type selector test set are found in CD-90013-01.