

LINE ADAPTER CIRCUIT SD-32072-01
ARRANGED FOR RIGHT OF WAY ON EMERGENCY CALLS
OPERATION TESTS
USING DIAL HAND TEST SET
STEP-BY-STEP SYSTEMS

1. GENERAL

1.01 This section covers a method of testing line adapter circuit SD-32072-01 arranged for right of way on emergency calls from a specific subscriber to an operator office and intended for use in No. 1 350A, 355A, 360A, 370A, 370B, 32A32, 32A44, 35E97, 375A, 375B, 385A, 385B, 386A, 386B or North Electric Co. type offices.

1.02 This section is reissued to specify a means for supplying ground necessary for the operation of the No. 204C selector, when making these tests.

1.03 These tests are primarily to check the continuity of the circuit for emergency operation and the restoral to the normal condition. If it is desired to check the pulsing A relay of this circuit, it should be done in accordance with the information given on the circuit requirement table,

1.04 Tests should be made during periods of light traffic to prevent interference with both originating and terminating service. All tests should be completed without delay in order to keep the circuit available for service calls.

2. APPARATUS

2.01 D-81760 dial hand test set (or equivalent) equipped with D-96823 slider.

2.02 A W2CF cord, 1 foot long, equipped with a No. 310 plug on one end and a No. 360B and No. 360C tool on the other (2W17D cord) and two KS-6278 tools. Insulate the KS-6278 tools with No. 108 cord tips.

2.03 No. 893 cord, 3 feet long, equipped with two No. 360A tools (1W13A cord) and two KS-6278 tools. Insulate the jaws of the KS-6278 tools with No. 108 cord tip.

3. METHOD

3.01 Use a No. 893 cord and strap springs 1T and 4T of the B relay at the rear of the frame.

3.02 Connect the dial hand test set, with the C button operated, to the line terminals, top terminals 1 and 2 on the terminal strip on the line adapter equipment unit. If ringing, dial tone or conversation is not heard, release the C button. If dial tone is then heard the line is idle, if not, challenge on the line and determine, if the line is in use. If in use discontinue the test.

3.03 Insert the plug of a W2CF cord in the T jack on the line adapter equipment unit. Disconnect the dial hand test set from the terminal strip.

3.04 Connect the dial hand test set, with the C button released, to the connecting clips attached to the W2CF cord. Observe that dial tone is heard.

Note: Use care in connecting the clips of the W2CF cord and the dial hand test set, to prevent the conductors becoming shorted at the clips.

3.05 Dial the digit reserved for transferring the line from the regular connection to an emergency operator. Inform the operator on the emergency connection that a test is being made and to disconnect when a disconnect signal is observed.

3.06 Operate the C button of the dial hand test set for about two seconds in order to restore the circuit to the normal condition. After restoring the C button observe that dial tone is heard.

3.07 Repeat tests 3.05 and 3.06 as often as required, using the proper digits, to test the transfer of the circuit to the operator over other emergency circuits, if provided.

3.08 Remove the W2CF cord from the T jack and then disconnect the No. 893 cord from the B relay. Test for ground at the 4T spring of the B relay using the dial hand test set.

4. REPORTS

4.01 The required record of these tests should be entered on the proper forms.