

POSITION DIAL CIRCUITS

USED WITH TYPE A CORDS

NO. 1 TOLL OFFICE

1. GENERAL

1.01 This section describes circuit operation tests of the position dial circuit used with type A cord circuits. These tests also apply to position dial circuits, in positions not equipped with type A cords, when the dial circuits are modified to give the same operation as the dial circuits in type A cord positions. The tests are as follows:

- (A) Loop Dialing Test
- (B) Repeated Dialing Test Using Toll Switching or Intertoll Trunks
- (C) Repeated Dialing Test Using Community Dial Trunks

1.02 When toll switching trunks or intertoll dialing trunks arranged for repeated dialing are available, test (B) shall be made. When the only repeated dialing trunks available are trunks to community dial offices, test (C) shall be made.

2. APPARATUS

2.01 One operators telephone set.

3. METHOD

3.01 Insert the plug of an operators telephone set into the operators telephone set jacks of the position to be used for test.

(A) Loop Dialing Test

3.02 Operate the talking key and insert the plug of an associated cord, arranged for dialing, into the OGT jack of an idle toll switching loop dialing trunk. Operate the dial key as required to associate the dial circuit with the cord to be tested. The dial pilot lamp should light.

3.03 Dial the code for connection to a connector multiple test line circuit. Restore the dial key to normal before the dial returns to normal after dialing the last digit of the code. When the dial has returned to normal, the dial pilot lamp should be extinguished, interrupted test tone should be heard and the cord circuit supervisory lamp should flash at a rate determined by the particular test line in use.

3.04 Remove the plug of the cord from the OGT jack and restore the talking key to normal.

(B) Repeated Dialing Test Using Toll Switching or Intertoll Trunks

3.05 Operate the talking key and insert the plug of an associated cord, arranged for dialing, into the OGT jack of an idle intertoll repeated dialing trunk or an idle toll switching repeated dialing trunk. Operate the dial key as required to associate the dial circuit with the cord in the jack. The dial pilot lamp should light.

3.06 When the start dialing feature is provided, dial the code for connection to a connector multiple test line circuit. The dial pilot lamp should flash at a rate determined by the particular test line in use.

3.07 When the start dialing feature is provided, remove the plug of the cord from the OGT jack and restore the dial key to normal. Reinsert the plug in the same OGT jack and operate the associated dial key.

3.08 Dial the code for connection to a connector multiple test line circuit. Restore the dial key to normal before the dial returns to normal after dialing the last digit of the code. When the dial has returned to normal, the dial pilot lamp should be extinguished and the cord circuit supervisory lamp should flash at a rate determined by the particular test line in use.

3.09 Remove the plug from the OGT jack and restore the talking key to normal.

(C) Repeated Dialing Test Using Community Dial Trunks

3.10 Operate the talking key and insert an associated cord, arranged for dialing, into the OGT jack of a community dial trunk circuit. Operate the dial key as required to associate the dial circuit with the cord in the jack. The dial pilot lamp should light.

3.11 Dial the code of the office telephone in the community dial office. Restore the dial key to normal before the dial returns to normal after dialing the last digit of the code. When the dial has returned to normal, the dial pilot lamp should be extinguished. Remove the plug from the OGT jack and restore the dial key to normal.

3.12 When the start dialing feature is provided, determine that someone is present at the community dial office and proceed as follows.

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3.13 Insert a dialing cord, associated with the operated talking key, into the OGT jack of a community dial trunk. Operate the dial key as required to associate the dial circuit with the cord in the jack. The dial pilot lamp should light.

3.14 Dial the code of the office telephone in the community dial office and restore the dial key to normal.

3.15 When the person at the community dial office answers, instruct him to hang up and wait for another call at which time he is to remove the receiver from the hook and move the hook up and down slowly until further instructed.

3.16 Remove the plug from the OGT jack and restore the dial key to normal.

3.17 Repeat 3.13 and 3.14. The dial pilot lamp should flash at a rate determined by the person at the community dial office.

3.18 Restore the dial key to normal and instruct the person at the community dial office to hang up.

3.19 Remove the plug from the OGT jack and restore the talking key to normal.

4. REPORTS

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

Bell Telephone Laboratories, Inc.