

PREPAY COIN TRUNKS
OPERATION TESTS
USING TRUNK TEST SET SD-90469-01 OR
SD-90469-02 (J94710A)
STEP-BY-STEP SYSTEMS

1. GENERAL		PAGE
1.01	This section describes a method of testing the operating features of prepay coin trunks.	and also the feature that provides the operator with a means of holding the trunks and ringing back through it. 11
1.02	This section is reissued to add Test H, which is to be performed in offices that have been arranged for "dial tone first" operation. Dial tone first is an improved coin service which eliminates the requirement for a coin deposit at the coin station for service code, operator, or free code calls. This reissue affects the Equipment Test List.	<p><i>E. Stuck Coin Alarm and Coin Trunk Timed Release Circuit:</i> This test checks the function of the coin trunk timed release circuit to release the trunk having a stuck coin after a prescribed time interval. 12</p>
1.03	The tests covered are:	<p><i>F. Busy Trunk Alarm:</i> This test applies to trunks associated with primary line switches only, and checks the alarm feature of the trunk if an attempt is made to test the trunk while a call is progressing. 14</p>
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<i>A. BT Relay Operate and Coin Collect:</i>	4
<i>B. P1 Relay Release, Trunk Cut-Through, and Reversal-Loop:</i>	7
<i>C. Coin Return, BT Relay Nonoperate, and Stuck Coin Alarm—Leak:</i>	This test, in addition to a coin return test, covers pulsing under a leak condition. A delayed stuck coin alarm test is included for use when making routine tests in offices where only one trouble lamp per group of trunks is provided. In clearing certain types of troubles encountered in this test, it may be necessary to use Test E to locate the cause of failure.	9
<i>D. Cut-Through and Ringback:</i>	This test checks the metallic cut-through over which the operator controls the coin	<p><i>G. Overtime Charge:</i> This test checks the overtime charge feature of the trunk and the ability of the trunk to return a coin if deposited after the 4-1/2 minute collection interval but a disconnect is received before the 5-minute interval has lapsed. 14</p> <p><i>H. Auxiliary Coin Trunk Test:</i> This test checks the ability of auxiliary coin trunk circuit to allow a 3-digit service code call to be completed without the insertion of a coin at the coin station. It also checks the ability of the connecting coin trunk circuit to collect or return a coin. 16</p>
	1.04	The test equipment specified in this section is designed to apply proper marginal tests (simulated critical circuit conditions) when the circuit

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under test and the test equipment have applied voltage of 48.5 to 50 volts. In those offices where power plants are normally operated at more than 50 volts, the battery voltage should be reduced and maintained within the required limits while tests are being made.

1.05 When testing coin trunks which are reached through secondary line switches, the key which is provided at the trunk relay rack for rotating the secondary master switch associated with the trunk to be tested should be operated momentarily to pick up disengaged plungers.

1.06 For Tests A, B, C, D, and G, spaces are provided in the ACTION column for entering the test line number or office code to be dialed when specified. These spaces should be filled in where required.

1.07 The methods of testing the P1 relay under Test B assume that the trunk is equipped with a test jack (TT) through which the outgoing tip and ring conductors are wired and which is arranged to ground the sleeve. Failure of the P1 relay to release would prevent the tip and ring reversal in the coin trunk that should take place under any battery reversal condition in order that the coin ground will remain on the ground side of the connection. Such a failure is most likely to occur on the open circuit condition which is encountered when the calling party disconnects first and the called party disconnects before the B relay of the connector has released. If this condition occurs, the switch train will be held up from battery at the connector A relay to the coin ground and will simulate a calling party hold condition at the connector.

1.08 Test B requires the use of a special test cord when using test set SD-90469-01 or SD-90469-02 not equipped with a CL jack. The special test cord is to be made up locally as shown in Fig. 1.

1.09 When performing Test C or E in an office arranged for extending the alarms to another office, the proper persons should be notified before starting and after completing these tests so that any alarms caused by performing these tests can be disregarded.

1.10 When performing Test C or E in an office where only one trouble lamp per group of

trunks is provided and the alarms are extended to another office, operate the audible alarm switch to the position that lights the associated red pilot lamp and brings the alarm signals into the office where the tests are being conducted. On alternate routine test periods, the transfer key of the alarm circuit should be operated to test the duplicate equipment.

1.11 When testing coin trunks equipped with coin trunk timed release circuits, on a routine basis, test one trunk in each group in accordance with the entire procedure of Test E, then test the remaining trunks, omitting the operation which makes the coin trunk timed release circuit ineffective.

1.12 When testing coin trunks not equipped with coin trunk timed release circuits, on a routine basis, perform Test E on only one coin trunk in each group.

1.13 During Test E, the check of the coin trunk timed release circuit register, if provided, will cause the register to advance. The reporting of this register operation should be in accordance with local instructions.

1.14 Test F is based upon the use of a special patching cord to be made up locally as shown in Fig. 2.

1.15 When performing Test D, actions and verifications will be required at the toll switchboard.

1.16 Trunk Test Set SD-90469-02 equipped with ZH and ZK options or SD-90469-01 equipped with ZH option must be used to perform Test H.

1.17 Lettered Steps: A letter a, b, c, etc, added to a step number in Part 4 of this section, indicates an action which may or may not be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

2. APPARATUS

Tests A Through E, G, and H

- 2.01** Trunk test set J94710A (SD-90469-01 or SD-90469-02).
- 2.02** Head telephone set associated with test set.
- 2.03** Patching cord, P3E cord, 6 feet long, equipped with two 310 plugs (3P7A cord).
- 2.04** Patching cord, P3K cord, 12 feet long, equipped with two 310 plugs (3P15B cord), used when battery and ground jack is used to provide battery and ground to test set.
- 2.05** Patching cord, W2M cord, 9 feet long, equipped with one 310 plug and two 59 and two 108 cord tips (2W12A cord), used when battery and ground block or spare fuse (not to exceed 5 amperes) and frame ground is used to provide battery and ground to test set.

Test B

2.06 Special test cord, for use with test set SD-90469-01 or SD-90469-02 not equipped with a CL jack, made up locally as in Fig. 1. The physical arrangement of the lamp, key, and resistor can be determined locally. In offices where a battery and ground jack is not available, two KS-6780 connecting clips and two 108 cord tips should be used in place of the 310 plug with the black shell.

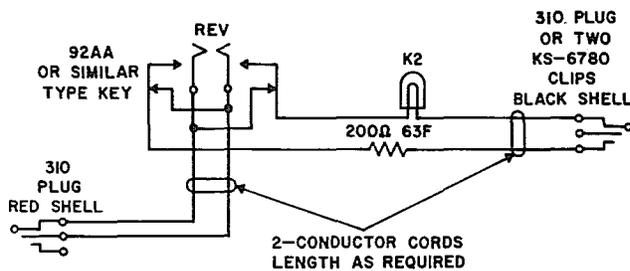


Fig. 1—Test Cord

2.07 Patching cord, P3E cord, 6 feet long, equipped with two 310 plugs (3P7A cord), for use when performing the P1 relay release test using test set SD-90469-02 not equipped with a CL jack.

Test C

2.08 349A plug, for use when dialing the connector test line and then only if the connector test line is not normally busy.

Test F

2.09 Special patching cord made up locally as shown in Fig. 2.



Fig. 2—Patching Cord

Test G

2.10 32A (remote control) test set.

2.11 Patching cord, P3E cord, 6 feet long, equipped with two 310 plugs (3P7A cord), for use where the test line is equipped with a TL jack at the coin trunk frame.

Test H

2.12 Trunk test set J94710, SD-90469-02 equipped with ZH and ZK options or SD-90469-01 equipped with ZH option.

3. PREPARATION

STEP	ACTION	VERIFICATION
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All Tests Except Test F

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|---|--|--|
| 1 | Connect battery and ground to test set.

<i>Note 1:</i> If W2M cord is used, connect white (tip) conductor to battery and red (sleeve) conductor to ground.

<i>Note 2:</i> Connect cord to test set first and disconnect cord from test set last to avoid possible grounding of the battery supply. | |
| 2 | Connect head telephone set to TEL jacks of test set. | |
| 3 | Connect 310 plug of P3E cord to T jack of test set. | |

4. METHOD

STEP	ACTION	VERIFICATION
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A. BT Relay Operate and Coin Collect

Note: When testing coin trunks which are connected directly to primary line switches and the associated alarm bell rings at any time during the progress of the tests, the indication might be that a line switch has plunged on the trunk under test. If the trunk is in a condition to receive dial tone, remove the plug from the test jack immediately in order to avoid interference with service. If no dial tone is heard, request the customer to wait a moment for dial tone before starting a new call. Leave the plug in the test jack, manually restore the line switch, and rotate the master switch to direct the plunger to an idle trunk.

- | | | |
|---|---|--|
| 4 | Connect free 310 plug of P3E cord to test jack associated with incoming end of coin trunk to be tested. | BSY lamp not lighted.

<i>Note:</i> If BSY lamp lights, remove plug immediately and proceed to next trunk. |
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Trunks Equipped With BT Relay

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|----|--|--|
| 5a | If trunk is arranged to hold switchtrain after BT relay operates—
Operate TP BT, CBT LP keys. | |
| 6a | Operate, restore DL ST key. | SL lamp lighted.
Dial tone may or may not be heard.

<i>Note:</i> Presence of dial tone depends upon whether trunk is arranged to provide dial tone before or after coin deposit. |
| 7a | Operate CN key. | SL lamp remains lighted. |

STEP	ACTION	VERIFICATION
8a	Dial "0".	Operator not reached.
9a	Restore CN, TP BT keys.	
10a	Operate FL key.	SL lamp extinguished.
11a	Restore FL key.	
12a	Operate, restore DL ST key.	SL lamp lighted.
13b	If trunk is arranged to release switchtrain after the BT relay operates— Operate TP BT, CBT LP keys.	
14b	Operate, restore DL ST key.	SL lamp lighted. Dial tone may or may not be heard.
		<i>Note:</i> Presence of dial tone depends upon whether trunk is arranged to provide dial tone before or after coin deposit.
15b	Operate CN key.	SL lamp extinguished.
16b	Restore CN, TP BT keys.	
17b	Operate, restore DL ST key.	SL lamp lighted.
Trunks Not Equipped With BT Relay		
18	Operate CBT LP key.	
19	Operate, restore DL ST key.	SL lamp lighted. Dial tone may or may not be heard.
		<i>Note:</i> Presence of dial tone depends upon whether trunk is arranged to provide dial tone before or after coin deposit.
Trunks With or Without BT Relay		
20c	If trunk is arranged to provide dial tone before coin deposit— Dial "0".	Dial tone heard before and after dialing.
21d	If trunk is arranged to provide dial tone after coin deposit— Dial "0".	Dial tone not heard before or after dialing.
22	Operate CN key.	Dial tone heard.
23	Dial connector multiple test line in a reverse battery connector group ().	If test line ES-241791 or SD-31230-01 is provided—

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STEP	ACTION	VERIFICATION
Restore CN key.		Ringing tripped immediately. Tone heard during test line loop closures. If test line SD-31263-01, SD-31425-01, SD-31636-01, or SD-31642-01 is provided— Ringing induction heard. Ringing trips. Tone heard during test line loop closures.
		<i>Note:</i> If ringing induction is heard and a customer or operator answers, operate TRS key and advise that a test is being made.
		During period required for at least 3 loop closures, REV lamp remains extinguished.
		<i>Note:</i> Flickering may be disregarded but if lamp remains lighted during a full tone or full silent period, improper operation of trunk reversing relay is indicated.

Coil Collect Test Using Test Line SD-31636-01 or SD-31642-01

24	Operate CN, REV keys.	REV lamp lighted.
25	Operate ID key.	
26e	If trunk is arranged for delay interval before setting coin collect condition (test line SD-31425-01 only)— After first 5-second closed interval— Operate SW key.	SL, REV lamps extinguished. BSY lamp lighted. CC lamp flashes during 2-second open interval, does not flash during 5-second closed interval. Trunk trouble lamp lighted steadily during the following 2-second open interval.
27f	If trunk is arranged for setting coin collect condition without delay interval— Operate SW key.	SL, REV lamps extinguished. BSY lamp lighted. CC lamp flashes during 2-second open interval, does not flash during 5-second closed interval. Trunk trouble lamp lights steadily during the following 2-second open interval.
28	Restore CN key.	CC, BSY lamps extinguished. Trunk trouble lamp extinguished.
29	Restore SW, ID, REV, CBT LP keys.	

Coin Collect Test Using Test Line ES-241791, SD-31230-01, SD-31263-01, or SD-31425-01

30 Operate CN key.

STEP	ACTION	VERIFICATION
31e	If trunk is arranged for delay interval before setting coin collect condition (test line SD-31425-01 only)— After first 5-second closed interval— Operate, hold operated FL key.	CC lamp flashes. Trunk trouble lamp lighted steadily.
32f	If trunk is arranged for setting coin collect condition without delay interval— Operate, hold operated FL key.	CC lamp flashes. Trunk trouble lamp lighted steadily.
33	While holding operated FL key, restore CN key.	CC, SL lamp extinguished. Trunk trouble lamp extinguished.
34	Restore FL, CBT LP keys.	
All Trunks		
35	Unless further tests are to be made— Remove all cords, restore all keys.	
B. P1 Relay Release, Trunk Cut-Through, and Reversal—Loop		
4	Connect free 310 plug of P3E cord to test jack associated with incoming end of coin trunk to be tested.	BSY lamp not lighted. <i>Note:</i> If BSY lamp lights, remove plug immediately and proceed to next trunk.
Using Test Set Not Equipped With a CL Jack		
5	Connect battery and ground to special test cord shown in Fig. 1. <i>Note:</i> If KS-6780 clips are used, connect tip conductor to battery.	
6	Operate, restore DL ST key.	SL lamp lighted.
7	Operate CN key.	Dial tone heard.
8	Dial connector multiple test line ().	Ringing tripped immediately or delayed depending on test line used. Tone heard during test line loop closures.
9	Operate TP BT key.	
10	On special test cord— Operate REV key to normal position.	
11	During a closed interval of test line— With a quick positive motion, insert 310 plug (red shell) of special test cord into TT jack	On special test cord— Lamp lighted. Interrupted tone no longer heard.

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STEP	ACTION	VERIFICATION
	associated with outgoing end of trunk under test.	
12	Within 3 seconds after connecting 310 plug to TT jack— Operate SW key.	SL lamp extinguished. BSY lamp lighted. On special test cord— Lamp extinguished.
13	On special test cord— Operate REV key.	On special test cord— Lamp remains extinguished.
		<i>Note:</i> If lamp on special test cord relights, it is usually an indication that P1 relay failed to release.
14	On special test cord— Restore REV key.	Tone may or may not be heard.
15	At trunk equipment— Remove plug from TT jack.	Coin control current may or may not be heard.
16	Restore CN, TB BT, SW keys.	BSY lamp extinguished.
Using Test Set Equipped With CL Jack		
17	Operate, restore DL ST key.	SL lamp lighted.
18	Operate CBT LP key then CN key.	Dial tone heard.
19	Dial connector multiple test line ().	Ringing tripped immediately or delayed depending on test line used. Tone heard during test line loop closures.
20	Operate TP BT key.	
21	Connect 310 plug of P3E cord to CL jack.	
22	During a closed interval of test line— With a quick positive motion, insert free 310 plug of P3E cord into TT jack associated with outgoing end of trunk under test.	C lamp lighted. Tone no longer heard.
23	Within 3 seconds after connecting 310 plug to TT jack— Operate C key, then SW key.	SL, C lamps extinguished. BSY lamp lighted.
24	Restore C key.	
25	Operate RR key.	C lamp remains extinguished.
		<i>Note:</i> If C lamp lights, the indication usually is that P1 relay failed to release.

STEP	ACTION	VERIFICATION
26	At trunk equipment— Remove plug from TT jack.	Interrupted tone may or may not be heard. Coin current may or may not be heard in receiver.
27	At test set— Restore RR, CN, TP BT, SW keys.	BSY lamp extinguished.
28	Remove test cord from CL jack.	

Using Test Set With or Without CL Jack

- 29 Unless further tests are to be made—
Remove all cords, restore all keys.

C. Coin Return, BT Relay Nonoperate, and Stuck Coin Alarm—Leak

4a	If testing in an office arranged for extending alarms— Notify proper persons to disregard alarms until further notice.	
5b	If only one trouble lamp per group of trunks is provided— Operate audible alarm switch.	Red pilot lamp lighted.
6c	If a coin trunk timed release circuit is provided— Operate associated key to make release circuit ineffective.	
7	Connect free 310 plug of P3E cord to test jack associated with incoming end of coin trunk to be tested.	BSY lamp not lighted. <i>Note:</i> If BSY lamp lights, remove plug immediately and proceed to next trunk.
8d	If trunk is equipped with BT relay— Operate ID key.	
9	Operate, restore DL ST key.	SL lamp lighted. Dial tone may or may not be heard. <i>Note:</i> Presence of dial tone depends upon whether trunk is arranged to provide dial tone before or after coin deposit.
10	Operate CN key.	Dial tone heard.
11	Operate LK key.	

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STEP	ACTION	VERIFICATION
Trunks Arranged for Setting Coin Collect Condition Immediately When Called Party Answers		
12e	If coin trunk pulsing tests are scheduled in accordance with Section 226-517-500— Dial vacant selector level which provides tone.	Tone heard.
13f	If pulsing tests are not scheduled— If connector test line is not normally busy— Insert 349A plug into No. 4 test jack of connector test line.	
14f	Dial connector test line made busy in Step 13f.	Busy signal heard. If ringing induction is heard and a customer or operator answers— Operate TRS key and advise that a test is being made.
15	Operate SW key.	CR lamp flashes—first flash same duration as succeeding flashes. SL lamp extinguished. BSY lamp lighted. Trunk trouble lamp lighted. In offices where only one trouble lamp per group of trunks is provided— After short interval— Audible stuck coin alarm operated. Pilot lamp lighted. (See 1.10)
16	Operate REV key.	CR lamp continues to flash.
Trunks Arranged for Delayed Interval Before Setting Coin Collect Condition		
17	Dial connector multiple test line in a reverse battery connector group ().	Ringling tripped. Tone heard during test line loop closures. If ringing induction is heard and a customer or operator answers— Operate TRS key and advise that a test is being made.
18	At any time during the three short intervals of tone following the noncharge interval— Operate SW key.	CR lamp flashes. SL lamp extinguished. BSY lamp lighted. Trunk trouble lamp lighted. In offices where only one trouble lamp per group of trunks is provided— After short interval— Audible stuck coin alarm operates. Pilot lamp lighted. (See 1.10)

STEP	ACTION	VERIFICATION
19	Operate REV key.	CR lamp continues to flash.
Trunks Arranged for Either Immediate or Delayed Interval Before Setting Coin Collect Condition		
20	Restore LK key, then restore CN key.	CR, BSY lamps extinguished. Trunk trouble lamp extinguished. If alarm previously operated— Alarm retired.
21	Restore SW, REV keys.	
22d	If trunk is equipped with BT relay— Restore ID key.	

All Trunks

23g	If Step 13f was performed and Test C is not to be performed on other trunks— Remove plug from No. 4 jack of connector test line.	
24	Unless further tests are to be performed— Remove test cord from test jack of trunk.	
25a	If testing in an office arranged for extending the alarms— Notify proper persons that tests are completed.	
26b	If only one trouble lamp per group of trunks is provided— Restore audible alarm switch.	Red pilot lamp extinguished.
27c	If a coin trunk timed release circuit is provided— Restore associated key to make release circuit effective.	

D. Cut-Through and Ringback

4	Connect free plug of P3E cord to test jack associated with incoming end of coin trunk to be tested.	BSY lamp not lighted. <i>Note:</i> If BSY lamp lights, remove plug immediately and proceed to next trunk.
5	Operate TRS key.	
6	Operate DL ST, CN keys.	SL lamp lighted. Dial tone heard.
7	Restore DL ST key.	

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STEP	ACTION	VERIFICATION
8	Dial toll office code ().	At toll switchboard— Call answered. No excessive clicks in receiver. If automatic coin return feature is provided— During coin return period— CR lamp lighted.
9a	If automatic coin return feature is not provided— At switchboard— Return coin.	
10	At test set— Operate RR key.	
11	Operate, hold operated FL key.	
12	At switchboard— When disconnect signal is received— Ring back on trunk.	At switchboard— No excessive clicks heard. At test set— When ringing applied— RR lamp lighted.
13	Release FL and RR keys.	
14	At switchboard— Disconnect from trunk.	
15	Operate, hold operated FL key.	CC lamp flashes.
16	Restore CN key.	CC, SL lamps extinguished.
17	Restore FL key.	
18	Unless other tests are to be made— Remove all cords, restore all keys.	

E. Stuck Coin Alarm and Coin Trunk Timed Release Circuit

4a	If testing in an office arranged for extending alarms— Notify proper persons to disregard alarms until further notice.	
5b	If only one trouble lamp per group of trunks is provided— Operate audible alarm switch.	Red pilot lamp lighted.
6c	If a coin trunk timed release circuit is provided— Operate associated key to make release circuit ineffective.	

STEP	ACTION	VERIFICATION
7d	If additional trunks in the same groups are to be tested— Omit Step 6c.	
8	Connect free plug of P3E cord to test jack associated with incoming end of coin trunk to be tested.	BSY lamp not lighted. <i>Note:</i> If BSY lamp lights, remove plug immediately and proceed to next trunk.
9	Operate SW key.	BSY lamp extinguished.
10	Operate CN, DL ST keys.	BSY lamp lighted. Dial tone heard.
11	Restore DL ST key.	BSY lamp remains lighted. CR lamp flashes. Trunk trouble lamp lighted. Audible stuck coin alarm operated. After an interval of not more than 48 seconds— Associated pilot lamp lighted. <i>Note 1:</i> When making this test in an office where only one trouble lamp per group of trunks is provided, operation of stuck coin alarm and lighting of pilot and trunk trouble lamps will be delayed. <i>Note 2:</i> When additional trunks in same group are tested, audible stuck coin alarm does not operate. CR lamp does not flash more than 3 or 4 times.
12e	If a coin trunk timed release circuit is provided and circuit register is provided— Note reading on register. <i>Note:</i> When testing additional trunks in the same group, omit Step 12e.	
13e	Operate associated key to position which makes release circuit effective.	CR lamp does not flash more than 3 or 4 times. BSY, coin pilot lamps extinguished. Trunk trouble lamp extinguished. Audible alarm retired.
14f	If no additional trunks in group are to be tested and circuit register is provided— Note reading on register.	Register advanced one digit from reading of Step 12c.
15	Restore CN key.	If Step 13c was not performed— CR, BSY, coin pilot lamps extinguished.

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STEP	ACTION	VERIFICATION
		Trunk trouble lamp extinguished. Audible alarm retired.
16	Unless Test E is to be performed on additional trunks— Restore SW key.	
17	Remove test cord from test jack.	
18a	If testing in an office arranged for extending the alarms— Notify proper persons that tests are completed.	
19b	If only one trouble lamp per group of trunks is provided— Restore audible alarm switch.	Red pilot lamp extinguished.

F. Busy Trunk Alarm

Trunks Associated With Primary Line Switches Only

1	Connect clip of special test cord, shown in Fig. 2, to battery.	
2	Insert 347A plug of special test cord into test jack of coin trunk just far enough to operate ring spring combination without operating tip spring combination.	Audible alarm sounds.
3	Remove plug from test jack.	Audible alarm retired.
4	Disconnect special test cord.	

G. Overtimer Charge

4	Connect free plug of P3E cord to test jack associated with incoming end of coin trunk to be tested.	BSY lamp not lighted. Note: BSY lamp lighted, remove plug immediately and proceed to next trunk.
5	Connect 32A (remote control) test set to OT jack of trunk under test.	
6a	If test line is equipped with TL jack at the coin trunk frame— Insert 310 plug of P3E cord into TL jack of test set.	
7a	Insert free 310 plug of P3E cord into TL jack associated with test line on coin trunk frame.	
8	Operate CBT LP key.	

STEP	ACTION	VERIFICATION
9	Operate CN key.	
10	Operate, restore DL ST key.	SL lamp lighted. Dial tone heard.
11	Dial the connector multiple test line in a reverse battery grou ().	Test line seized. Ringing tripped. Tone heard during test line loop closures.
12b	If test line is arranged for control from trunk— On trunk equipment— Operate LP key (associated with test line).	
13c	If test line is arranged for control from test set— On test set— Operate T key.	
14	Operate, hold operated, white button of 32A test set until trunk finder connects to trunk.	CC lamp momentarily lighted. Tone heard while CC lamp is lighted.
15	Momentarily operate red button of 32A test set.	Operator not summoned. Trunk finder releases.
16	Operate, hold operated, white button of 32A test set until trunk finder connects to trunk.	CC lamp momentarily lighted. Tone heard while CC lamp is lighted.
17	Operate, hold operated, FL key.	CR lamp flashes.
18	Restore CN key.	CR, SL lamps extinguished.
19	Restore FL key.	
20b	If test line is arranged for control from trunk— On trunk equipment— Restore LP key.	
21c	If test line is arranged for control from test set— On test set— Restore T key.	
22d	If no further tests are to be made on this trunk— Disconnect test sets, restore all keys.	

STEP	ACTION	VERIFICATION
H. Auxiliary Coin Trunk Test		
4	At auxiliary coin trunk— Operate MB key associated with auxiliary trunk to be tested.	MB lamp lighted.
5a	If MB lamp does not light in Step 4— Restore MB key and operate MB key of another auxiliary trunk until one can be found which causes MB lamp to light. <i>Note:</i> A lighted MB lamp indicates an idle auxiliary coin trunk circuit.	
6	Connect free end of P3E cord (other end connected to T jack of test set) to TST jack of auxiliary trunk circuit.	
7	At test set— Operate DL ST key.	
8	Operate and hold FL key.	
9	Operate CN and RCK keys.	
10	Restore FL key.	SL lamp lighted. Dial tone heard in head telephone set.
11	Dial first three digits assigned to test line in a reverse battery connector group.	After third digit has been dialed— CTCK lamp momentarily lighted.
12	Continue to dial last four digits assigned to test line number.	Connector connects to terminating test line number. Ringing heard in head telephone set.
13	After ringing is tripped— Operate FL key.	
14	Restore DL ST, FL, RCK, and CN keys.	Switch train releases.
15	Operate DL ST key.	
16	Operate and hold FL key.	
17	Operate CN and RCK keys.	
18	Restore RL key.	SL lamp lighted. Dial tone heard in head telephone set.
19	Dial telephone number assigned to test line in a nonreversing connector group.	Connector connects to terminating test line number. Ringing heard in head telephone set.

STEP	ACTION	VERIFICATION
20	After ringing is tripped— Operate FL key.	CTCK lamp momentarily lighted. CR lamp momentarily lighted.
22	Restore DL ST, FL, RCK, and CN keys.	
22	Operate DL ST key.	
23	Operate and hold FL key.	
24	Operate CN and RCK keys.	SL lamp lighted.
25	Restore FL key.	Dial tone heard in head telephone set.
26	Dial 0 (operator).	Audible ringing heard. After operator answers, CR lamp momentarily lighted. REV lamp lighted.
27	Advise operator of test being made.	
28	Restore DL ST, FL, CN, and RCK keys.	
29	Operate DL ST key.	
30	Operate and hold FL key.	
31	Operate CN and RCK keys.	SL lamp lighted. Dial tone heard in head telephone set.
31	Operate CN and RCK keys.	
32	Restore FL key.	
33	Dial digits assigned to 3-digit service code (such as 411).	After third digit is dialed— CTCK lamp not lighted. Ringing heard in head telephone set.
34	After ringing is tripped— Operate TRS key and restore RCK key.	Operator answers call.
35	Inform operator of test call being made.	
36	Operate FL key.	CTCK and CR lamps momentarily lighted.
37	Restore all keys; remove cord from TST jack of auxiliary trunk under test.	
38	Repeat Steps 1 through 37 for other auxiliary coin trunk circuits to be tested.	
39	Remove all cords, restore all keys.◀	

