

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C64.222
Issue 2, 7-17-36
AT&T Co. Standard

SERVICE ORDER AND REPAIR WORK

50, 150, 161, 162 AND 163 TYPE

COIN COLLECTORS

1. GENERAL

1.01 This section outlines the work operations on coin collectors to which particular attention should be given during service order and repair visits. Section C42.127 covers the detail methods for each work operation of checking, adjusting and testing coin collectors. Section C64.221 covers briefly the requirements referred to herein.

2. GAUGE REQUIREMENTS

2.01 The gauge requirements for testing and adjusting coin collectors are shown in the following table:

Adjustment	Gauge Requirement
Operating Arm Stop Lug	.123" go .129" no go or .125"
Coin Trigger Lever	Trigger shall not restore on .030" Perceptible clearance (1/64") between top of trigger and trigger lever arm
Ground Contacts	Min. contact pressure 5 grams if chute is P-242923, P-243570, D-96591 or D-96720, otherwise 3 grams Min. separation .015"

3. OUTLINE OF WORK OPERATIONS

3.01 The tests, adjustments and other work operations (marked yes) to be performed are given in the table in 3.03 and are in addition to the work called for on the service order or in connection with clearing the reported trouble. The operations preferably should be performed in the order shown and in accordance with the methods described in Section C42.127.

3.02 Where any defect is encountered, the defect should be cleared before proceeding with the next operation.

3.03 Outline of work operations on coin collectors.

Sequence	Work Operations	Paragraph No. of Section C42.127	Service Order Visit		Repair Visit					
			Sets from Shop or Storeroom	Sets Reused or Re-connected	Coin Chute Trouble Reported or Suspected	Coin Relay, Trap or Vane Trouble Reported or Suspected	Other Visits in Connection with Trouble Reports	Repeated Reports on Coin Collector	Periodic Inspection of Coin Collector	
			A	B	C	D	E	F	G	
1	Temporarily disconnect ground wire	1.03				Yes				
2	Brush out loose dirt	1.04			Yes	Yes	Yes			
3	Gauge coin chute	2.01			Yes	Yes				
4	Inspect and clean coin chute	2.02			Yes					
5	See that chute clip is installed	2.03			Yes	Yes				
6	Check coin signal gongs for looseness and alignment	2.04			Yes					
7	Check cords for interference with gongs and chute	2.05			Yes	Yes	Yes			
8	Inspect and check operation of coin vane and coin trap	3.01	Yes		Yes	Yes	Yes			
9	Clean vane and trap	3.02				Yes*				
10	Check vane and hopper clearance	3.03				Yes*				
11	Check coin trap adjustment	3.04				Yes*				
12	Check normal position of armature restoring arms	5.01				Yes				
13	Clean points with paper	5.02			Yes	Yes	Yes			
14	Clean insulating roller	5.03								
15	Clean inner ground contact spring	5.04								
16	Check for magnetic particles	5.05				Yes				
17	Check for burrs and clean operating arm	5.06				Yes*				
18	Check adjustment of coin trigger	5.07				Yes				
19	Center coin relay	5.09				Yes				
20	Check armature side play	5.10				Yes				
21	Check operating arm stop lugs	5.11				Yes				
22	Coin trigger lever	5.12 & 5.13				Yes				
23	Clean ground spring contacts	5.14			Yes	Yes	Yes			
24	Check ground spring alignment requirements and adjustment	5.15 5.16 & 5.17			Yes	Yes				
25	Check adjustment of and clean housing contact springs and equalizing springs	6.								
26	Check switchhook for binding or squeaking clean and check contacts	7.			Yes	Yes	Yes			
27	Check coin return for foreign material	8.			Yes	Yes	Yes			
28	Final tests	9.	Yes		Yes	Yes	Yes			

*Should be done only when the relay is removed