BELL SYSTEM PRACTICES
Central Office Maintenance
Work Items

ADDENDUM A504.101.3
Issue 1, September, 1959
AT&TCo Standard

REPLACING CONTACTS
RELAYS (WIRE SPRING TYPE)

1. GENERAL

1.001 This addendum supplements Section A504.101.3, Issue 4.

1.002 This addendum is issued to cover the use of the KS-16735 List 1 cutting pliers.

4. CONTACT REPLACEMENT

The following changes apply to Part 4 of the section:

(a) 4.11.1, 4.11.2, and 4.11.3 — added

CUTTING END OF FIXED CONTACT SPRINGS AFTER REMOVAL OF CONTACT

All Relays

4.11.1 If the contact removed is the original contact and not a replacement (U shaped) contact, cut the stripped end of the fixed contact spring as covered in 4.11.2 and 4.11.3 to obtain a better alignment between the replacing (U shaped) contact on the fixed spring and the mating contacts on the movable springs.

4.11.2 On all fixed contact springs except those in the left vertical row of 286-, 287-, 288-type relays and positions 13 through 24 (right row) of 24-position AJ-type relays, apply the hooked jaw of the KS-16735 List 1 pliers on the left side of the spring when cutting off the end of the spring as covered in 4.11.3. On fixed contact springs in the left vertical row of 286-, 287-, and 288-type relays apply the hooked jaw of the pliers on the right side of the spring. On fixed contact springs in positions 13 through 24 (right row) of 24-position AJ-type relays, move the mating pair of movable twin springs out of the comb with a toothpick sufficiently to apply the hooked jaw of the pliers to the right side of the fixed spring.

4.11.3 Open the KS-16735 List 1 cutting pliers so that the end of the hooked jaw just clears the straight jaw of the pliers. Place the pliers on the spring so that the end of the hooked jaw rests on the proper side of the spring (see 4.11.2) and push the pliers forward to bottom the end of the spring in the recess in the end of the straight jaw. Hold the pliers in line with the spring and cut off the portion of the spring in the recess by compressing the pliers.

Caution: This procedure does not apply to springs from which a replacement (U shaped) contact has been removed.