

PREVENTION OF SERVICE INTERRUPTIONS
ATTACHMENT WECO HANDBOOK 0, SECTION 11

1. GENERAL

- 1.01** This section face sheet is issued to assign its 9-digit number and title in place of the previous 9-digit number, 201-112-011, which was assigned to the section entitled "Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 11." The previous 9-digit assignment is canceled. Notice of cancellation and a cross reference to this section number will remain in the appropriate Division Index for a minimum of 12 months.
- 1.02** When this section is reissued, it will be issued in a standard format.
- 1.03** Recommendations for changes, additions, or deletions to this section should be forwarded as specified in Section 000-010-015.
- 1.04** The old section and any current addendum and attachments should be removed from their previous place in the file and attached behind this page and then filed by the new number.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

PREVENTION OF SERVICE INTERRUPTIONS
ATTACHMENT WECO HANDBOOK O, SECTION 11

1. GENERAL

1.01 The purpose of this section is to make Western Electric Handbook O, Section 11 dated 10-18-62 available to the central office maintenance force. This handbook section covers planning for restoration of service and may be

used as a guide during installation of equipment by the Western Electric Company.

1.02 This section replaces one of the attachments (Handbook O, Section 11) to Section 201-112-001, Issue 4.

PREVENTING SERVICE INTERRUPTIONS
PLANNING AHEAD FOR RESTORATION OF SERVICE

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1. GENERAL

1.1 A prime responsibility of installation personnel is the prevention of service interruptions. The precautions to insure service protection that are prescribed in this handbook and those specific to particular operations prescribed in other handbooks must be strictly adhered to. If, despite all precautions, a service interruption should occur, it is vital that installers be prepared to restore service promptly.

2. SCOPE OF SECTION

2.1 This section covers general service restoration methods that must be followed with emphasis on the replacement of blown fuses.

3. GENERAL PLANS

3.1 Before attempting any operation that could result in a service interruption, plans should be made for restoring service promptly if an interruption should occur. The plans should cover approved procedures for making defective equipment busy, transferring to emergency, mate or spare equipment, replacing blown fuses in working circuits, etc. The location and condition of fire extinguishers should also be verified.

4. REPLACING BLOWN FUSES

4.1 Determine the location, type and capacity of all fuses serving the equipment to be worked on and the adjacent equipment.

4.2 See that spare fuses of the required type and capacity are available and note their location. Make them more readily available if deemed necessary. See that appropriate tools for replacing the fuses are also available.

4.3 If there is any reason to question the condition of spare fuses, test them for continuity.

4.4 When fuses that may be blown are located out of reach, have a ladder continuously ready: when fuses are located in a locked power room, keep the key available; when they are in enclosed cabinets, guard rails, etc., keep appropriate tools handy.

4.5 When a main fuse blows in circuits having decentralized filters, the surge to charge the filter capacitors may cause the replacement fuse to blow too as if the original trouble had not been cleared. In offices having filters or other large capacitors on the discharge leads, discuss with the telephone company plans for restoring service if a fuse should blow. Plan to remove most of the subsidiary fuses before replacing the blown fuse. Then restore the subsidiary fuses after removing their subsidiary fuses, if deemed necessary. If this does not include removal of fuses for filter capacitors these will probably be blown. Replace filter capacitor fuses last after charging each capacitor through a lamp as described in several handbooks, for example, Handbook 19, Section 10, Paragraph 5.3.

4.6 Discuss all of the foregoing preparations with all affected personnel.

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