

**LINE CONCENTRATOR-IDENTIFIER (J93021)**  
**APPLIED TO TELEPHONE SECRETARIAL ANSWERING SERVICE**  
**CIRCUIT TESTS AND TROUBLE ANALYSIS**

**1. GENERAL**

**1.01** This section is issued to advise central office personnel where routine maintenance information covering the line concentrator-identifier (J93021), when applied to the telephone secretarial answering service, can be found. This information is contained in Section 473-501-501, Issue 3 and Addendum 1 which describes the circuit tests required to test the line concentrator-identifier and trouble analysis to assist if trouble conditions occur.

**1.02** Whenever Section 473-501-501 is reissued, the reason for its reissue will be listed in this paragraph. This issue does not affect the Equipment Test List.

**1.03** The concentrator-identifier system consists of two units interconnected with two, four, or six talking trunks and a maximum of four signaling pairs. The originating equipment (concentrator) is located in the central office and the terminating equipment (identifier) is located at the Telephone (Secretarial) Answering Service location.

**NOTICE**

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