

SERVICE
513-, 514-, AND 515-TYPE KEY SERVICE UNITS
IDENTIFICATION, CONNECTION, AND MAINTENANCE
1A2 KEY TELEPHONE SYSTEM

1. GENERAL

1.001 This addendum supplements Section 518-215-405, Issue 7. Place this pink sheet ahead of Page 1 of the section.

1.002 This addendum is reissued to:

- Revise grounding information in paragraphs 3.02, 3.13, and 3.14
- Make changes on Fig. 1 to show local ground.

1.003 Issue 1 of this addendum was issued to add information related to the Federal Communications Commission (FCC) Registration Program.

2. CHANGES TO SECTION

ISSUE 1 CHANGES

2.001 On Page 6, following paragraph 1.02, add the following:

1.03 The 513-, 514-, and 515-type key service units (KSUs) have not been registered with the FCC and new units will not be manufactured after January 1, 1980. Also after January 1, 1980, connection of customer-provided equipment (CPE) or telephone company-provided equipment requires the use of a 33B voice coupler when providing music-on-hold and a 401B, 415B, 471C, and 479C key telephone units (KTUs) when providing their related services. Previously connected or Class C units may be used for additions and maintenance at grandfathered installations for the life of the equipment, provided they are not modified. Class C stock may also be used in new installations after January 1, 1980.

ISSUE 2 CHANGES

2.002 On Page 8, change paragraph 3.02 to read as follows:

3.02 Customer must provide a 3-prong grounded 110-volt ac outlet. This grounds the case or framework of the power supply through the ac green wire. If only a 2-conductor power outlet is available and the outlet box is known to be grounded, a Hubbell BL12433 (or equivalent), may be used to match the 3-prong plug to the outlet. When the available power outlet box is not grounded, the framework ground of the power supply must be directly connected to the nearest single-point ground through a No. 12 gauge wire. The 110-volt ac outlet must be under the control of a wall switch and must be separately fused for at least 2 amperes, if possible.

2.003 On Page 9, change paragraph 3.13 to read as follows:

3.13 Connect the circuit ground to the single-point ground and the coupled bonding conductor.

2.004 On Page 9, change subparagraph 3.14(1) to read as follows:

- (1) Prepare a separate ground wire by attaching a lug (supplied) to a No. 12 gauge wire of sufficient length to reach from the KSU to the single-point ground terminal and coupled bonding conductor. (This should be the same as the protector and electrical ground.)

2.005 On Page 11, Fig. 1 is obsolete. A new Fig. 1 is shown in this addendum.

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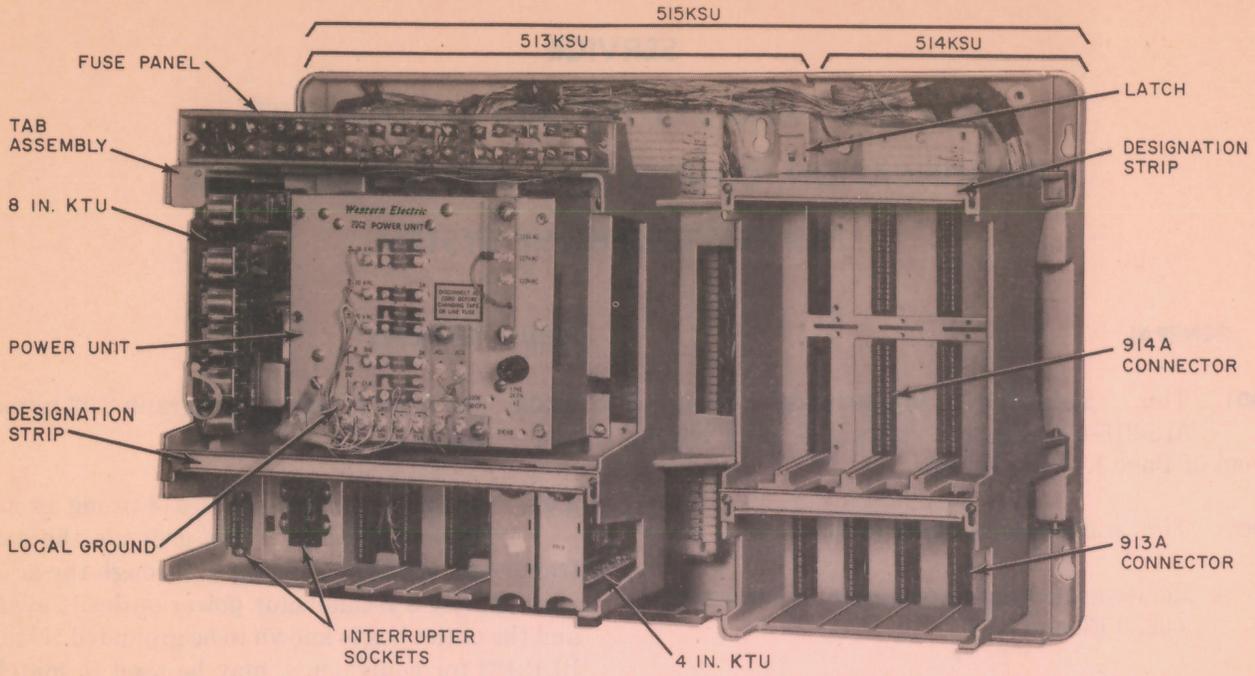


Fig. 1—515A3 Key Service Unit, Cover Removed