

**KS-15689, L1, RECTIFIER  
AND  
KS-15689, L3, ELECTRONIC CONTROL  
OPERATING METHODS**

**1. GENERAL**

**1.001** This addendum supplements Section 169-685-301, Issue 4. Place this pink sheet ahead of Page 1 of the section.

**1.002** This addendum is issued to add a note referencing the KS-20522 controller.

This addendum does not affect the Equipment Test List.

**2. CHANGES TO SECTION**

**2.001** On the bottom of Page 1, delete the Copyright Notice and add the following:

**NOTICE**

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

**2.002** On page 2, add the following note to paragraph 1.08:

**Note:** The KS-20522 controller has been developed to provide, in a solid-state unit, the same functions as contacts in the ammeter relays. The controller contains no moving parts or heated filaments; therefore, it should provide more reliable service than the mechanical contacts. The KS-20522 controller is available as part of a modification kit which includes mounting hardware, wire, installation and wiring information, and, where required, some minor external components. There will be a modification kit available for several different applications. For additional information, see Section 024-360-201 and SD-82023-01 and the associated circuit description.

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