

INSTRUCTIONS FOR INSTALLING THE  
199409 MODIFICATION KIT TO PROVIDE IMPROVED  
FUSING ON THE CALL CONTROL UNITS UCC3, 4, 5, 6, 11, 15  
17, AND 18 AND LCCU300-303 IN MODEL 32, 33, AND 35 SETS

1. GENERAL

a. The 199409 modification kit provides individual fusing of the primary winding to provide increased protection for both the transformer and components in the secondary circuits.

b. The 199409 modification kit is for use with Call Control Units UCC3, 4, 5, 6, 11, 15, 17, and 18 and LCCU300-303 in Model 32, 33, and 35 Sets in many of which the 182657 and 181879 transformers are fused through the primary set fuse.

c. The 199409 kit consists of:

1	117176	Fuse, 1/2 Amp. , SL-BL	2	185679	Identification Plate,
1	162360	Fuse, 8/10 Amp. , SL-BL			1/2A SL-BL
2	181241	Screw w/Washer	1	185688	Identification Plate,
1	181374	Terminal			8/10A SL-BL
1	182182	Holder, Fuse	1	197054	Strap, Wire
1	185678	Identification Plate	1	199397	Bracket,
		3/8A SL-BL			Fuse Holder

d. For parts ordering information see Teletype Parts Bulletin 1184B (Bell System refer to Section 574-123-800) for Model 32 and 33 equipment and Teletype Parts Bulletin 1187B (Bell System refer to Section 574-227-800) for Model 35 equipment.

2. INSTALLATION (Figure 1)

NOTE

Disconnect power cord.

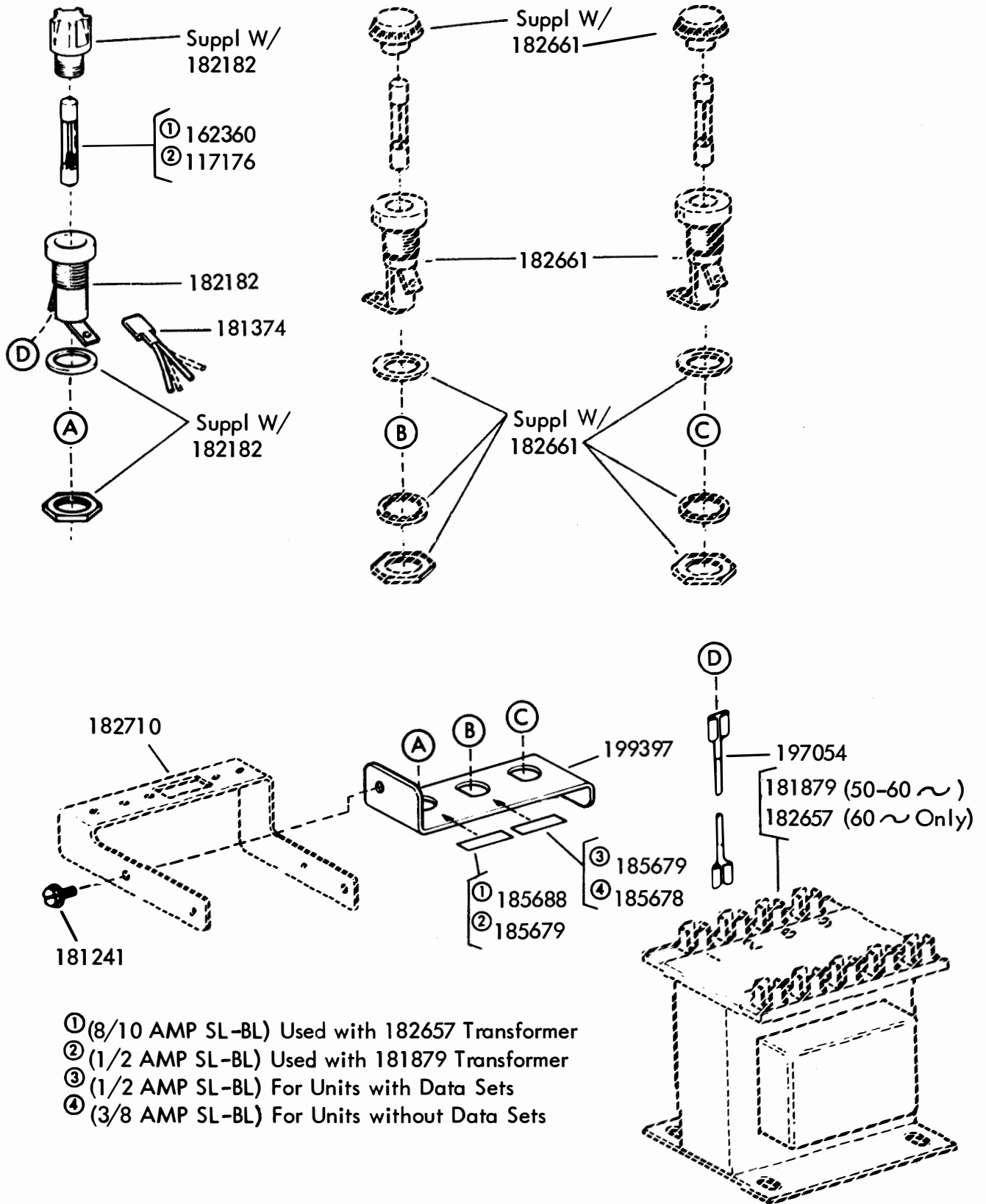
a. Remove the 182768 fuse holder bracket from the 182710 upper bracket and retain the mounting screws. Unsolder the wires from the two 182661 fuse holders and tag the wires and fuse holders for identification. Remove the two 182661 fuse holders and associated nameplates. Discard the 182768 fuse holder bracket. Assemble the two 182661 fuse holders in the right and center hole of the 199397 fuse holder bracket so that the bottom fuse terminal faces the rear of the call control unit. Use the existing identification plate for the right hand fuse holder. Adjacent to the center fuse holder attach a 1/2 amp. SL-BL 185679 identification plate in sets designed for operation with a

Data Set or a 3/8 amp. 185678 SL-BL identification plate in sets not designed for operation with a Data Set. Solder the wires, previously removed, to their respective terminals.

b. Install the 182182 fuse holder in the left mounting hole of the 199397 bracket. Remove all wires from terminal 2 of the 182657 or 181879 transformer. If only one quick connect terminal was attached to terminal 2 of the transformer, attach this quick connect terminal to the lower terminal of the 182182 fuse holder. If more than one quick connect terminal was attached to terminal 2 of the transformer, cut and remove the quick connect terminals from these wires directly at the base of the terminal crimp, skin and twist 3/16 inch from the end of each wire, and solder all the wires into the one 181374 quick connect terminal provided. Attach this 181374 quick connect terminal to the lower terminal of the fuse holder. Bend the lower fuse terminal downward to provide adequate clearance from adjacent terminals. Attach the 197054 wire strap to terminal 2 of the transformer and to the upper terminal of the fuse holder. Assemble the 199397 fuse bracket with fuse holders to the 182710 upper bracket using the mountings previously removed. In the left fuse holder install the 162360 8/10 amp. SL-BL fuse and the 185688 nameplate in sets equipped with the transformer identified by the General Electric label or stamped 182657. Install the 117176 1/2 amp. SL-BL fuse and 185679 nameplate in sets equipped with 181879 transformer.

c. For call control units in receive-only sets, follow the instructions in paragraph 2. b. and the following: Assemble the 199397 fuse bracket with fuse holder and nameplates to 182710 upper bracket (located above the transformer) with two 181241 screws provided.

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- ① (8/10 AMP SL-BL) Used with 182657 Transformer
- ② (1/2 AMP SL-BL) Used with 181879 Transformer
- ③ (1/2 AMP SL-BL) For Units with Data Sets
- ④ (3/8 AMP SL-BL) For Units without Data Sets

FIGURE 1.