

INSTRUCTIONS FOR INSTALLING THE 199330 MODIFICATION KIT
TO PROVIDE ALARM AND "DON'T ANSWER" ON LOW TAPE FOR
MODEL 35 ASR SETS

1. GENERAL

a. The 199330 modification kit operates the low paper alarm, already present on units, and places the set in a "don't answer" condition (or optional "busy" condition) when the reperforator tape supply runs low.

b. The 199330 kit is for use on the 35J, 35L, 35AL, 35BA, 35BB 35AM, 35J-X3, 35L-X3, 35BA-X3, and 35BB-X3 ASR Sets.

c. The low tape switch schematic circuitry is shown in the attached Figures 1 and 2. The remainder of the circuitry is to be found in wiring diagrams 6000WD-B9 and 6000WD-B10.

d. The 199330 kit consists of:

| | | | | | |
|---|--------|--------|---|--------|---|
| 4 | 2191 | Washer | 1 | 198458 | Switch Assem., Low Tape (Alarm) |
| 4 | 125015 | Washer | 1 | 199332 | Switch Assem., Low Tape (for "Make Busy" Option) |
| 4 | 151722 | Screw | 1 | 199334 | Cable Assem. (LESU) |

e. For parts ordering information refer to Teletype Parts Bulletin 1187B.

2. INSTALLATION (Figures 3 to 5)

a. Mount the 198458 and 199332 switch assemblies to the 192224 tape container panel as shown in the attached Figure 3. Route the cables inside of the 176700 base along the rear to the keyboard connector.

b. Push the terminals into the keyboard connector as shown in the attached Figure 4.

c. Move wires on the electrical service unit wiring field as follows: (See 5822WD and attached Figure 5).

| Wire | Color | From | Move | To |
|---------------------|--------------|-------|------|-------|
| Distant Termination | | | | |
| R-37 | Black-Red | C-A2 | | C- C5 |
| X-3 | Black | C-A2 | | C- C5 |
| R-29 | Brown-Yellow | C-A6 | | C- C6 |
| X-12 | Yellow-Green | C-A6 | | C- C6 |
| V-9 | Orange-Slate | C-C10 | | C- C7 |

d. Push the terminals of the 199334 cable assembly into the cable connector on the electrical service unit which mates with the keyboard connector as follows: (See attached Figure 4.)

| Color | Terminal |
|--------------------|----------|
| White-Orange-Brown | 25 |
| Blue-Slate | 24 |
| Red-Green | 30 |
| Brown-Blue | 27 |
| Yellow-Green | 26 |

e. Route the 199334 cable along the electrical service unit cable wires which run from the keyboard connector to the main wiring field terminals A through G. Connect the quick connect terminals of the 199334 cable assembly to the electrical service assembly wiring field as follows: (See attached Figure 5.) (Note: The keyboard cable exists from the left end of old style electrical service units, and from the center of new style electrical service units. On new style electrical service units double the excess length of the 199334 cable inside the electrical service unit.)

| Color | Terminal |
|--------------------|----------|
| White-Orange-Brown | C-C10 |
| Blue-Slate | C-C6 |
| Red-Green | C-C7 |
| Brown-Blue | C-C5 |
| Yellow-Green | C-F5 |

f. Make the switch operation adjustment as given in the adjusting and lubrication section of this specification.

3. ADJUSTMENTS AND LUBRICATION

For standard adjustments and lubrication procedure refer to the standardized information. Make the following adjustments and lubrication.

a. Switch Operation Adjustment

Requirements

- (1) The switches shall operate when a tape roll is reduced to between 2-5/16 and 2-7/16 inches in diameter.
- (2) The "tape alarm" switch shall operate before the "don't answer or busy" switch operates.

To Adjust

Loosen the switch assembly mounting screws and position the assemblies in the tape container until the requirements are met. Bend tape arms if necessary. See attached Figure 3.

b. Tape Arm Spring Tension

It shall require 6 to 10 ounces to release the switch.

Hook the pull end of a 32 ounce spring scale over the tape lever at the spring and pull in line with the spring.

c. Place one drop of oil at each tape lever pivot point.

* * *

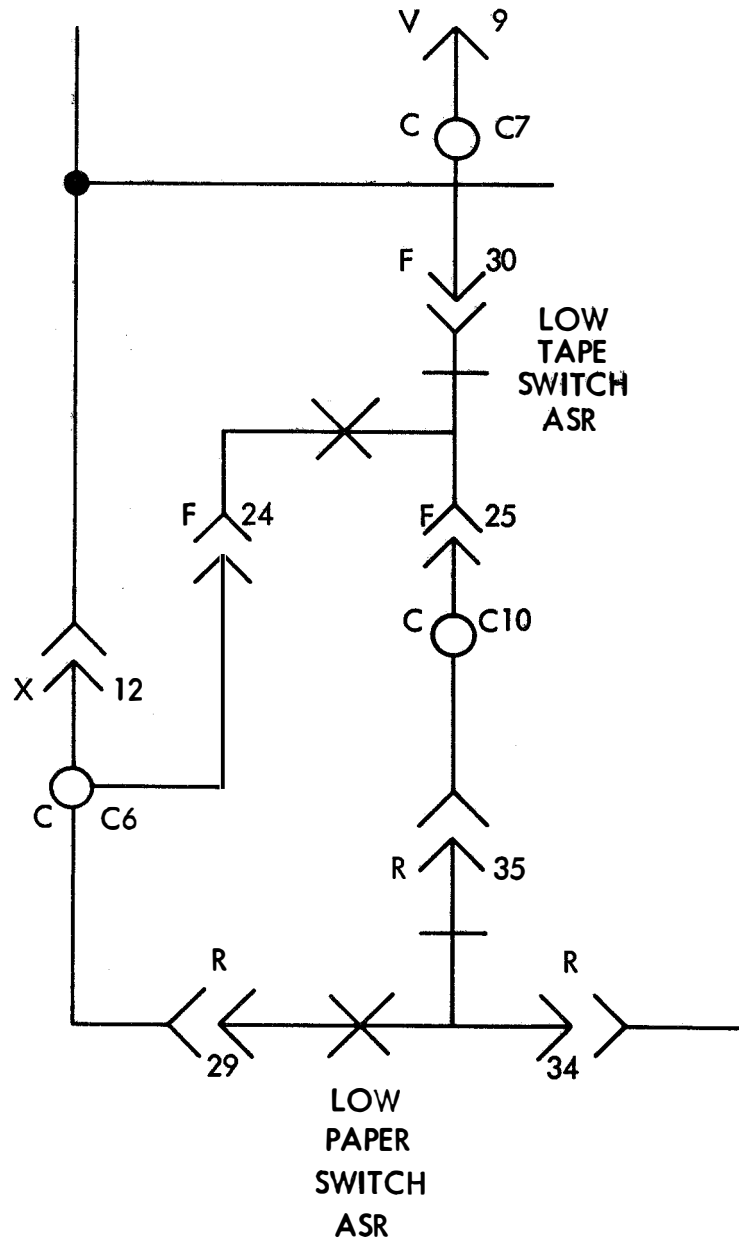
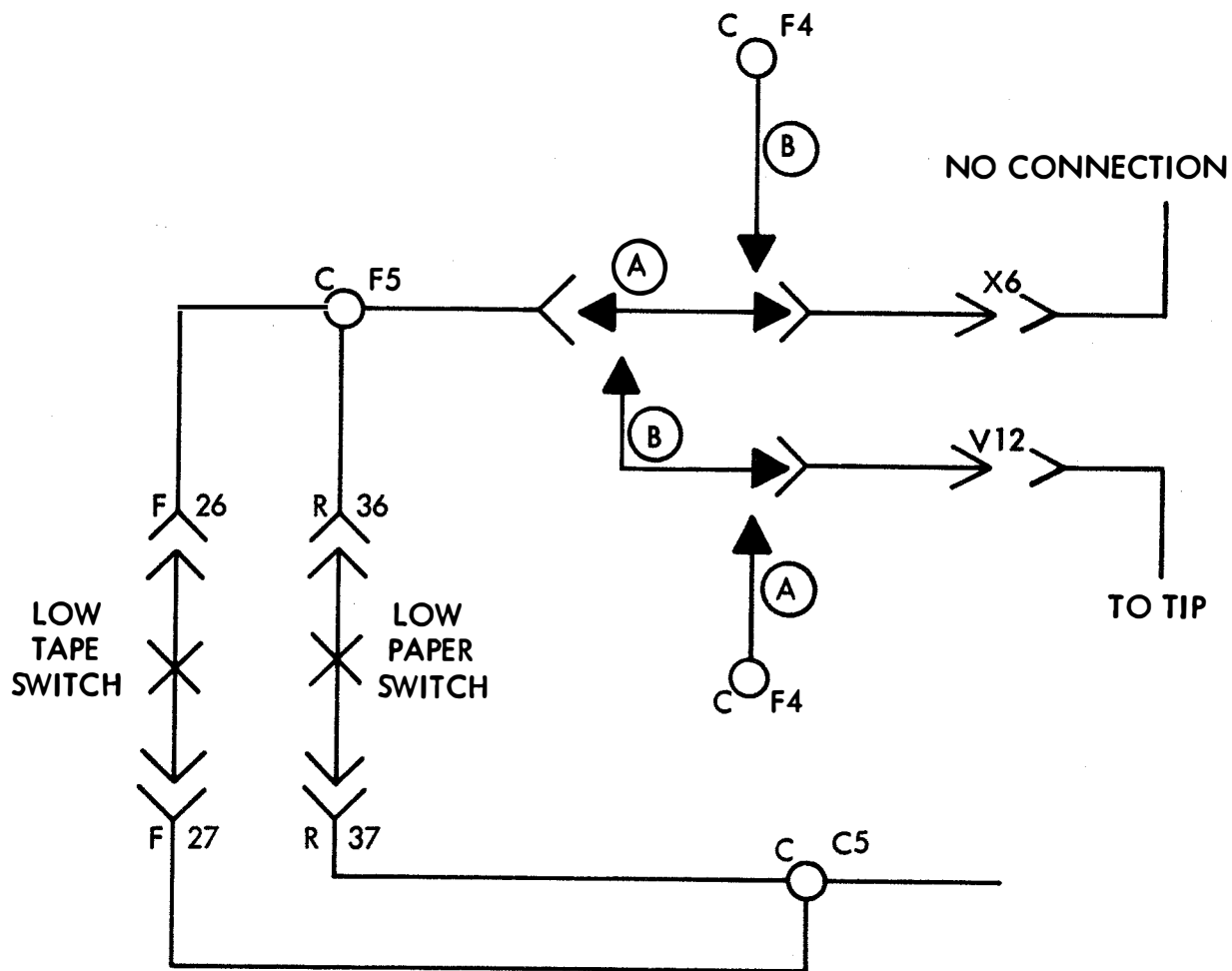


FIGURE 1



NOTE: A OPTION IS "DON'T ANSWER"
 B OPTION IS "MAKE BUSY"

SEE 6000WD-B9

FIGURE 2

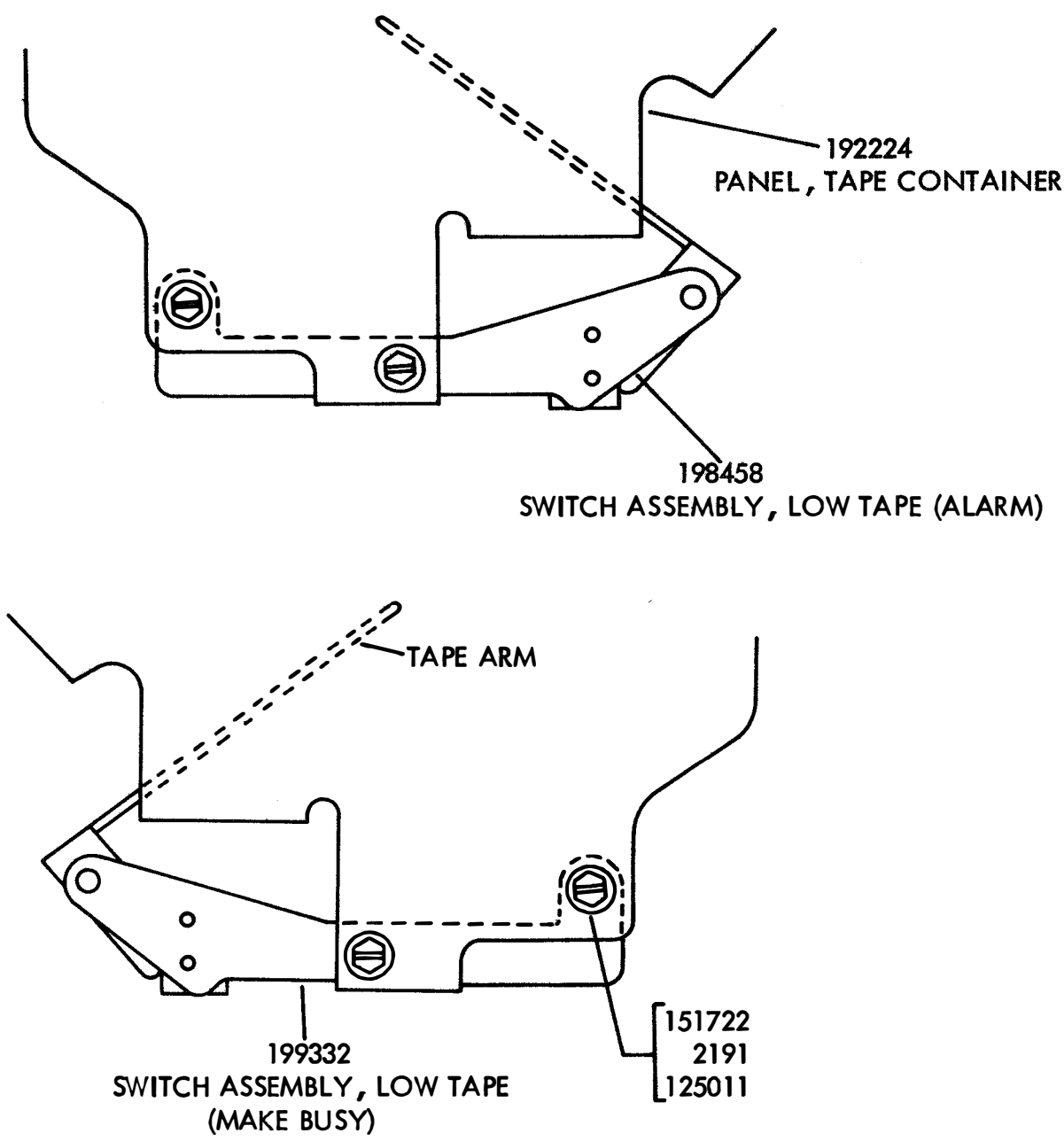
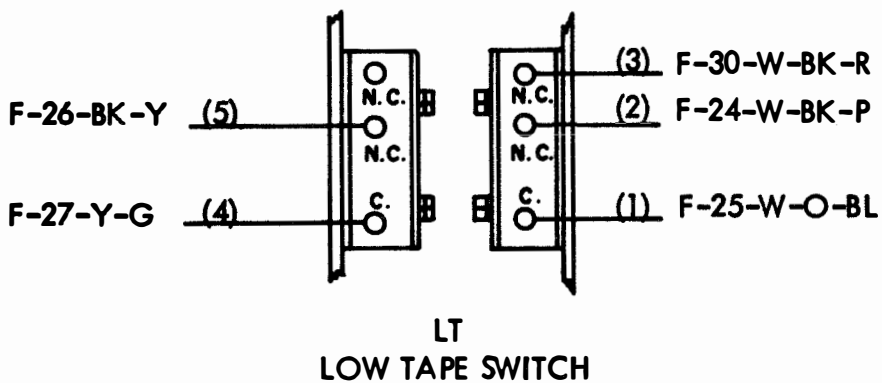
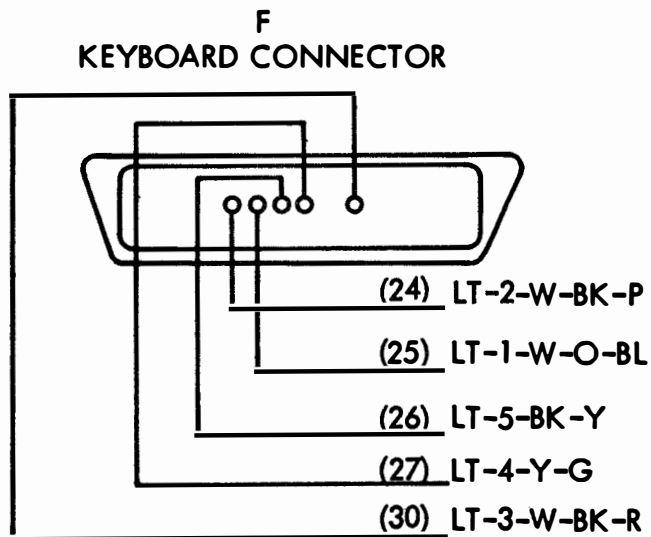


FIGURE 3



NOTE: SEE 5811WD

FIGURE 4

F
KEYBOARD CONNECTOR

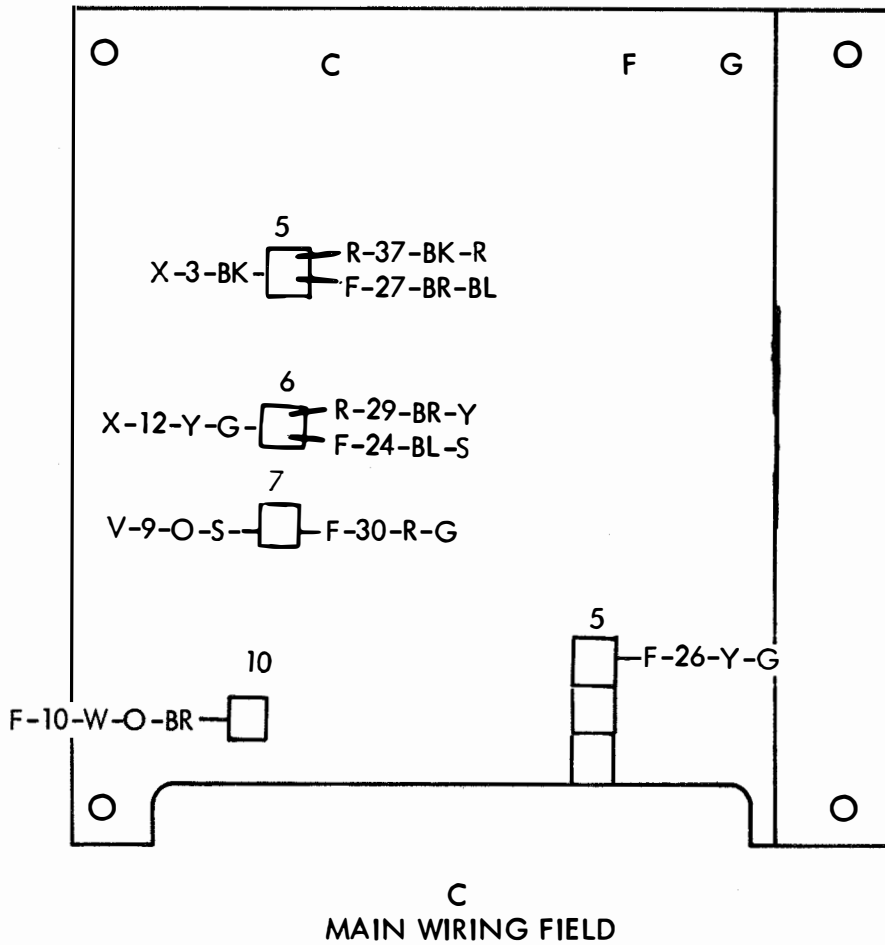
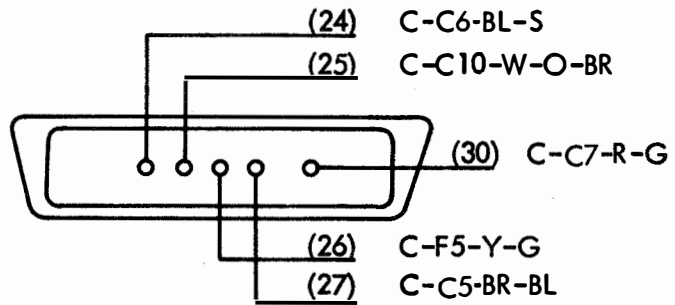


FIGURE 5