"DATASPEED*" AP25 PRINTER

INSTALLATION AND REMOVAL

1. GENERAL

1.01   This section provides installation and removal information for the DATASPEED AP25 Printer.

1.02   Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03   Installation should be performed under the direction of a service order indicating USOC code, date, materials required and location.

1.04   For additional information, refer to: Section 582-310-500, DATASPEED AP25 Printer Testing and Section 582-300-500, DATASPEED 4540 Remote Clustered Station Arrangements Testing and Troubleshooting.

1.05   The printer is furnished fully assembled and tested ready to install in its housing and then connect to an SSI cable coming from a station controller. See Fig. 1.

1.06   Reference in the procedures to left or right, up or down and top or bottom, etc., refer to the printer in its normal operating position as viewed by the operator.

1.07   When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP430202).

2. TOOLS REQUIRED

2.01   The only tool required is a screwdriver (1/4 inch, 6 inch blade — 100982) for repositioning the printer shipping brackets.

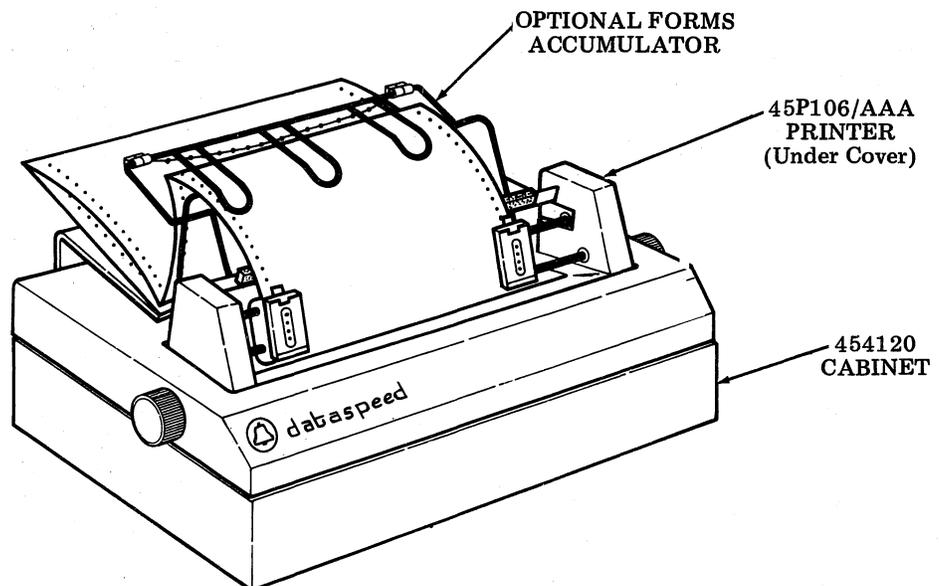The DATASPEED AP25 Printer, after assembly, can be identified as shown below:

OPTIONAL FORMS ACCUMULATOR

45P106/AAA PRINTER (Under Cover)

454120 CABINET

Fig. 1—DATASPEED AP25

*Registered Trademark of AT&TCo.

3.   INSTALLATION PROCEDURE

A.   Unpacking

3.01   Select an area to unpack the cartons so that damage to the equipment will not occur.

3.02   Check the service order and the cartons to be opened, for the presence of at least the following items:

    1 — Printer (45P106/AAA)
    1 — Printer Cabinet (454120)
    1 — Label, DATASPEED (454634)
    1 — Form Feed Tape, 11 Inches (453067)
    1 — Ribbon (453200)
    1 — Manual, How to Operate 999-300-144
    1 — Section 582-310-200, Installation and Removal

3.03   When unpacking be sure to wear approved safety glasses.

Caution: To avoid condensation on the electrical components, the printer should be allowed to assume room temperature before unpacking, for example, when brought into a warm humid room from outside subzero temperatures.

3.04   Unpack the cartons referring to instructions on the container.

3.05   Remove the print head packing detail and the tape securing the paper guide. See Fig. 2.
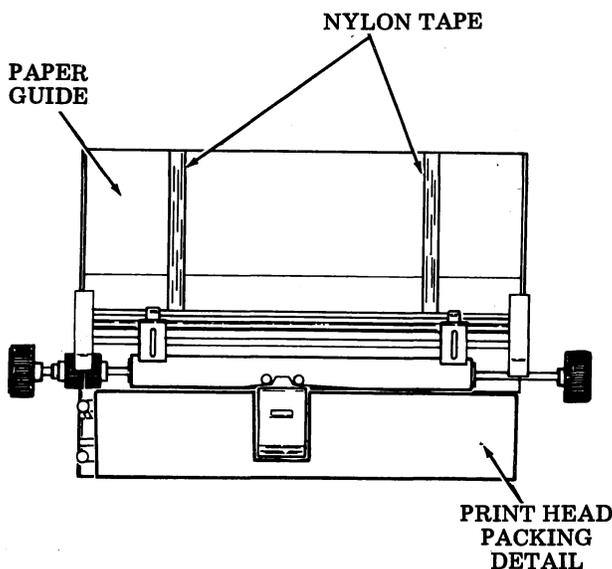

Fig. 2

3.06   A packing detail (foam pad) is located under the black plastic logic card cover. This detail is to be left in place. See Fig. 3.
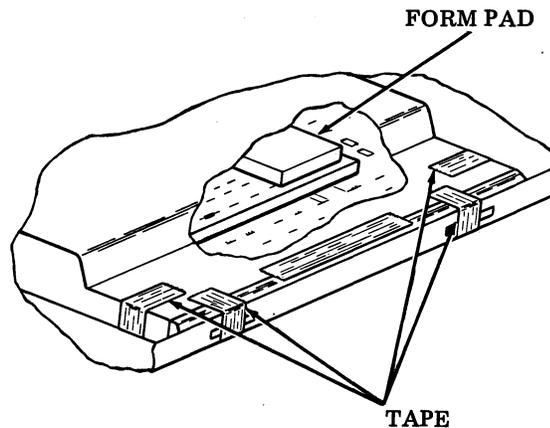

Fig. 3

3.07   Remove tape securing the black plastic logic card covers. See Fig. 3.

3.08   Remove tape from the cover assembly. See Fig. 4.
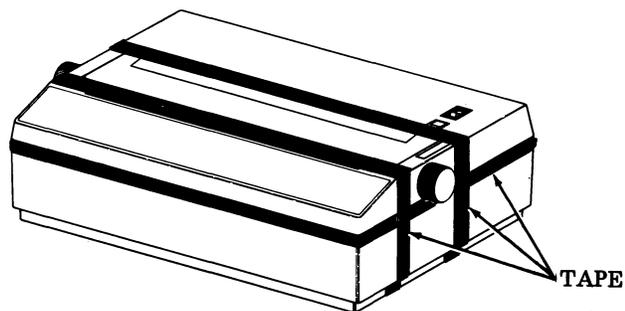

Fig. 4

3.09   The containers and other packing details may be retained and reused by field locations to facilitate movement of stations. It is necessary to retain the print head packing detail. However, packing details for return on service disconnect must be ordered separately. See 5. STATION REMOVAL for packing detail numbers.

B.   Installation

Note: For any additional information that may be required, refer to the following station documents:

Section 582-300-200, DATASPEED 4540 Remote Clustered Station Arrangements or Section 582-300-205, DATASPEED 4540 Single Display Station Arrangements.

3.10 Loosen six printer shipping bracket screws from underneath the printer pan. Open the cover and slide the shipping brackets fully outward and retighten screws. See Fig. 5.
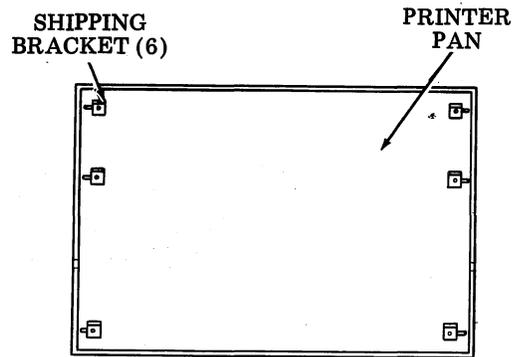
SHIPPING
BRACKET (6)

PRINTER
PAN

Fig. 5

3.11 Install the printer in the housing on the four vibration mounts. See Fig. 6. Route the power cord through the hole in the right rear of the cabinet and snap in the cover plate. If the printer and its cabinet are to be shipped to another location, loosen the six printer shipping brackets, (see Fig. 5) and slide the brackets inward into the openings on the printer side frames. Tighten the screws. Otherwise, proceed to 3.12.
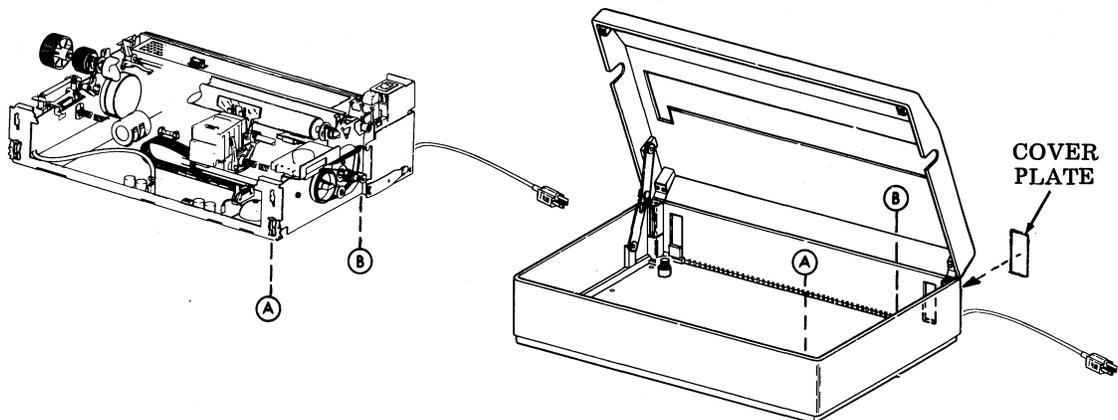
COVER
PLATE

Fig. 6

3.12 Remove the protective backing from the 454634 nameplate label. Apply the label to the cover as shown in Fig. 7. Press firmly on the label to insure all areas are adhered to the cover.
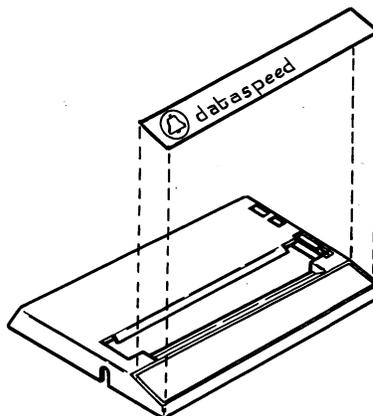
Fig. 7

3.13   Plug the SSI cable connector, coming from the station controller, into the mating connector located at the left rear of the printer. See Fig. 8.

PRINTER (Rear Frame)
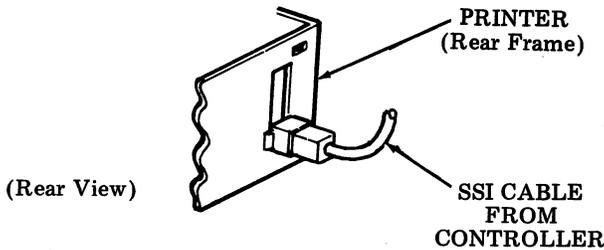
(Rear View)

SSI CABLE FROM CONTROLLER

Fig. 8

3.14   If the 454172 optional forms accumulator is to be installed, install according to the procedures in Specification 51057S included with the forms accumulator, then proceed to 3.15.

3.15   Position the printer in the location specified by the customer. A minimum of 3 inches of space behind the printer is required to open the cover.

3.16   Install the ribbon, form feed tape loop, and paper (if present). Refer to How to Operate Manual, 999-300-144 for ribbon, form feed tape loop, and paper installation information.

C.   Checkout Procedure

3.17   Plug the auxiliary character printer into a properly grounded and polarized 3-wire 115 Vac ± 10% 50-60 hertz electrical power source.

3.18   Perform the appropriate station installation checkout procedures found in Section 582-300-500, DATASPEED 4540 Remote Clustered Station Arrangements — Testing and Troubleshooting.

D.   Initiate Service

3.19   Turn the printer over to the subscriber.

3.20   Provide the customer with the How to Operate Manual 999-300-144. Advise the customer to order spare ribbons and paper as soon as possible (quantities depending on expected usage).

3.21   Provide the customer with a telephone number to call in case trouble is encountered with the printer.

3.22   Retain Section 582-310-200, Installation and Removal for future use.

4. PRINTER OPTIONS

4.01 There are no options for the printer used in a 4540 application. Switches must remain in factory furnished position as shown in Fig. 9.
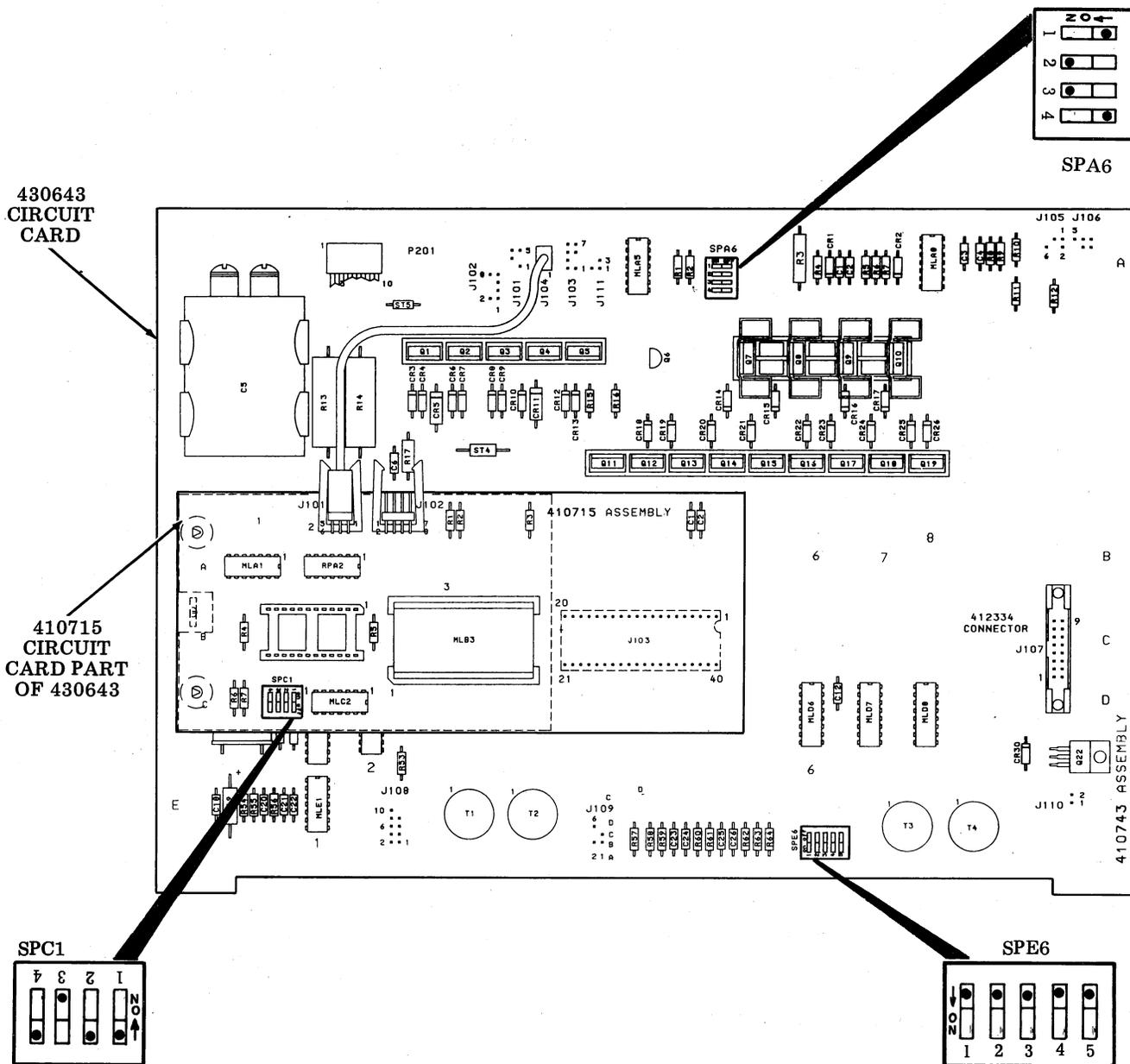

Fig. 9

5. STATION REMOVAL (Serivce Disconnect)

5.01 Loosen six printer shipping bracket screws from underneath the printer pan. Open the cover and slide the shipping brackets fully inward into the openings on the printer side frames. Tighten the shipping bracket screws. See Fig. 10.
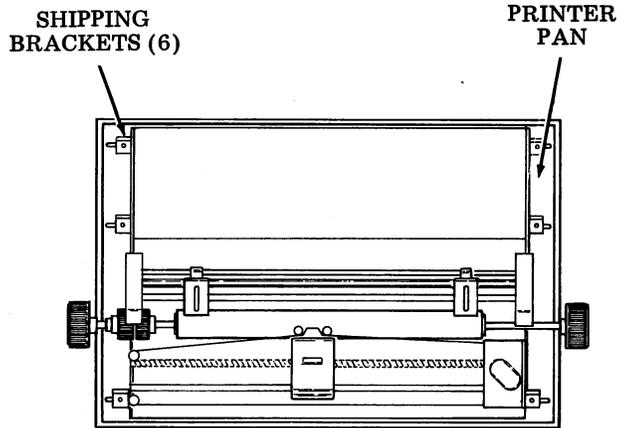
Fig. 10

5.02 Before repacking the printer, move the print head to the center of the printer and insert the packing detail removed in 3.05.

5.03 Apply two strips of nylon tape to secure the paper guide as shown in Fig. 11.

5.04 Using the containers and packing details ordered separately, pack the printer. See Fig. 12.

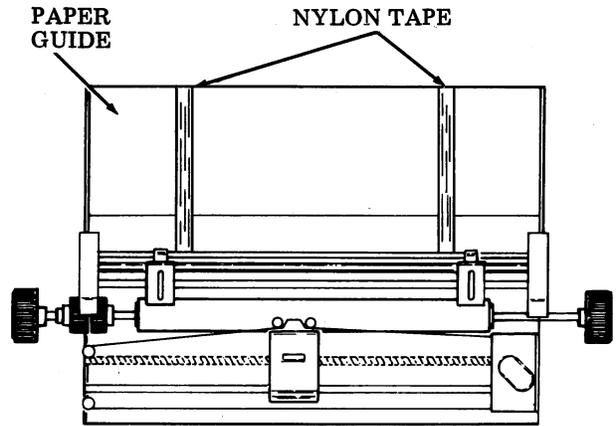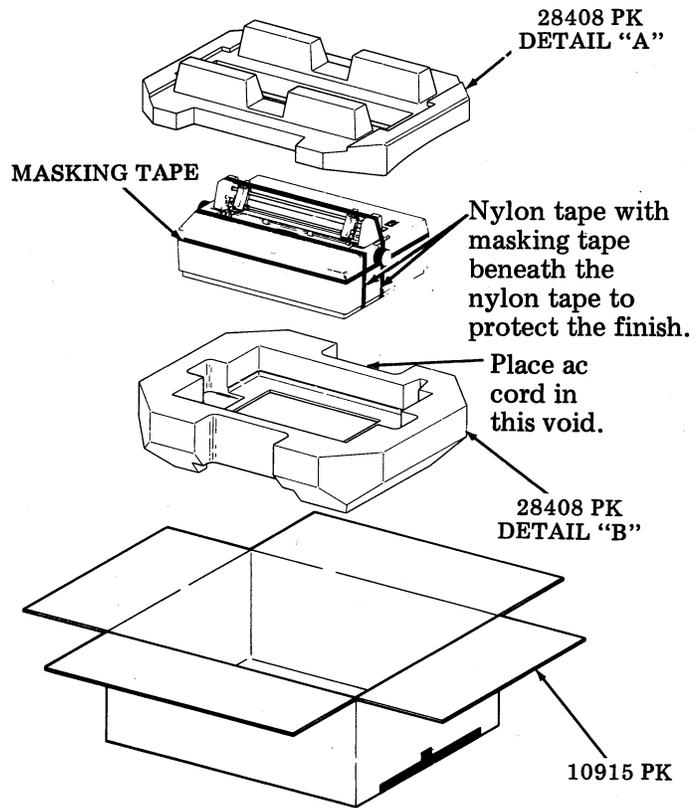5.05 Mark the outside of the carton reflecting its contents.

Fig. 11

Fig. 12