

PROCEDURE FOR FIELD
CHANGE OF 19D PAD LOSS

CONTENTS

1. GENERAL

- 1.1 Scope of Section
- 1.2 Arrangement of Tools, Precautions,
and Verification

2. INSTALLING EQUIPMENT

3. REQUIREMENTS AND METHODS

1. GENERAL

1.1 Scope of Section

1.11 This section covers the procedure to be followed when the attenuation of an existing 19D cable pad requires changing because of office re-engineering due to facilities reassignment or because the cable pad assembly does not pass its required installation tests.

1.12 This procedure allows the use of any 19 type pad to be the donor of the proper resistive network.

1.2 Arrangement of Tools, Precautions and Verification

1.21 Refer to Section 700 of Handbook 9 for information pertaining to these items.

2. INSTALLING EQUIPMENT

2.1 In addition to the tools and supplies ordinarily required for connecting and soldering operations, the following is required for the operations covered in this section.

2.11 Tools

R-58633 Rubber Stamps, 1/8" Characters,
Alphabet
R-1379 Rubber Stamps, 1/8" Characters,
Numerals
(May be found in Tool Kits: 32, 32A and
R-7515)

3. REQUIREMENTS AND METHODS

3.01 On the installed pad, remove the four screws that retain the top cover to the 211A terminals. Loosen the four screws holding the bottom cover. Remove the two screws capturing the two covers and remove the top cover. Keep all pieces.

3.02 Remove the two screws retaining the outer sleeves to the 211A terminals and slide back the sleeves onto the cable.

3.03 Ease any tension on the cable or pad and remove the two screws retaining one end of the bottom cover to the 211A terminal. Hold soldering iron to resistor side of inner sleeve and pull resistor assembly free when solder melts.

3.04 Repeat Paragraph 3.03 at other end of assembly.

3.05 Repeat Paragraphs 3.01 through 3.04 for the donor pad.

3.06 Remove excess solder from resistor leads and inner sleeves of both assemblies.

3.07 Take bottom cover and resistive network assembly of donor pad, hold soldering iron against inner sleeve and slide the resistor lead in until the cover meets the cable mounted terminal of the installed pad. Add only enough solder to insure a proper joint and allow no beads to form.

CAUTION: Resistor leads must not have any bends or nicks.

3.08 Loosely reinstall the two screws to retain the bottom cover to the 211A terminal.

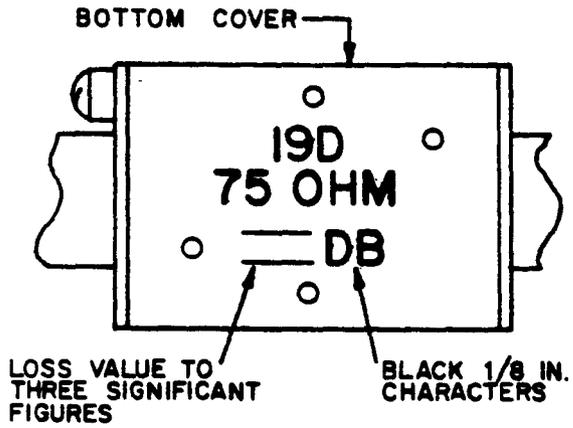
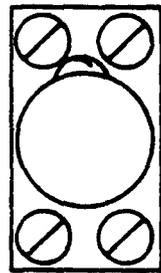
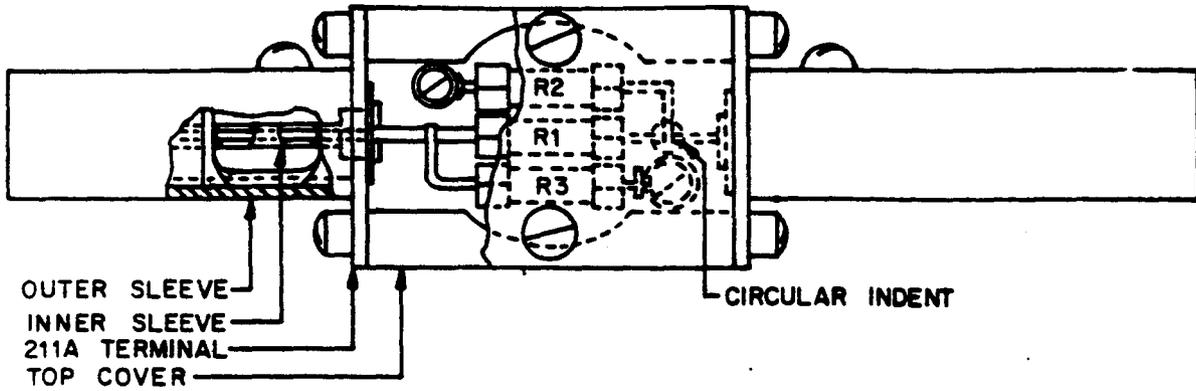
3.09 Repeat Paragraphs 3.07 and 3.08 at the other end of the bottom cover.

3.10 Reposition the outer sleeves on the 211A terminals and reinstall the screws.

3.11 Reinstall top cover, ascertaining that the circular indent on it is located at the same end of the assembly as the indent on the bottom cover. Reinstall the remaining screws and tighten all screws.

3.12 Repeat Paragraphs 3.07 through 3.11 with the remaining pieces for the assembling of a new donor pad.

3.13 Ascertain that the proper pad value and code are on the bottom cover of each pad assembly and, if required, make the necessary changes with the rubber stamp.



(MVI-1527)

FIGURE 1 19D PAD