

600-SERIES NIU (NETWORK INTERFACE UNIT) DESCRIPTION AND INSTALLATION

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1. GENERAL

1.01 This practice covers the description and installation of the 600-Series NIU (Network Interface Unit). The 600-Series NIU consists of the four following configurations:

- (1) Six-pair unit configured for 128-type protectors and has no inner security covers on the customer side of unit. DA (Discontinued Availability) as of February 1989 (Fig. 1).
- (2) Six-pair unit configured for 125-type protectors and has no inner lockable security covers on the customer side of unit. This unit is available as of February 1989 (Fig. 2).
- (3) Six-pair unit equipped with 125-type protectors and six lockable security covers on the customer side of unit (Fig. 3).
- (4) Twelve-pair unit equipped with 125-type protectors and has six lockable security covers on the customer side of the unit (Fig. 4).

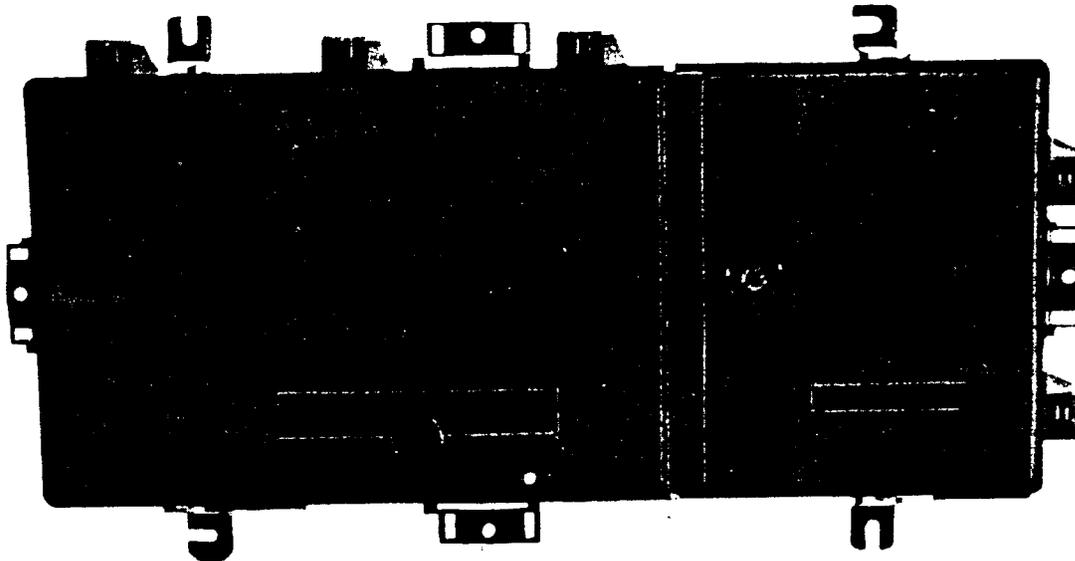
1.02 ♦ This practice is reissued to add coverage on:

- Six-pair unit configured for 125-type protectors and has no inner lockable security covers on the customer side of unit.
- Six-pair unit with six individual lockable security covers on the customer side of the unit.
- Twelve-pair unit with six lockable security covers on the customer side of the unit (Each cover services two lines).
- Announcement of the DA of 6-pair unit configured to mount 128 protectors with no inner individual security covers (DA as of February 1989).
- Replacing covers in the event of damage (both network and distribution covers).
- Upgrading earlier 6-pair 600-Series NIUs to 6-pair units with individual lockable covers.
- Conveying customer wiring and locking information.♦

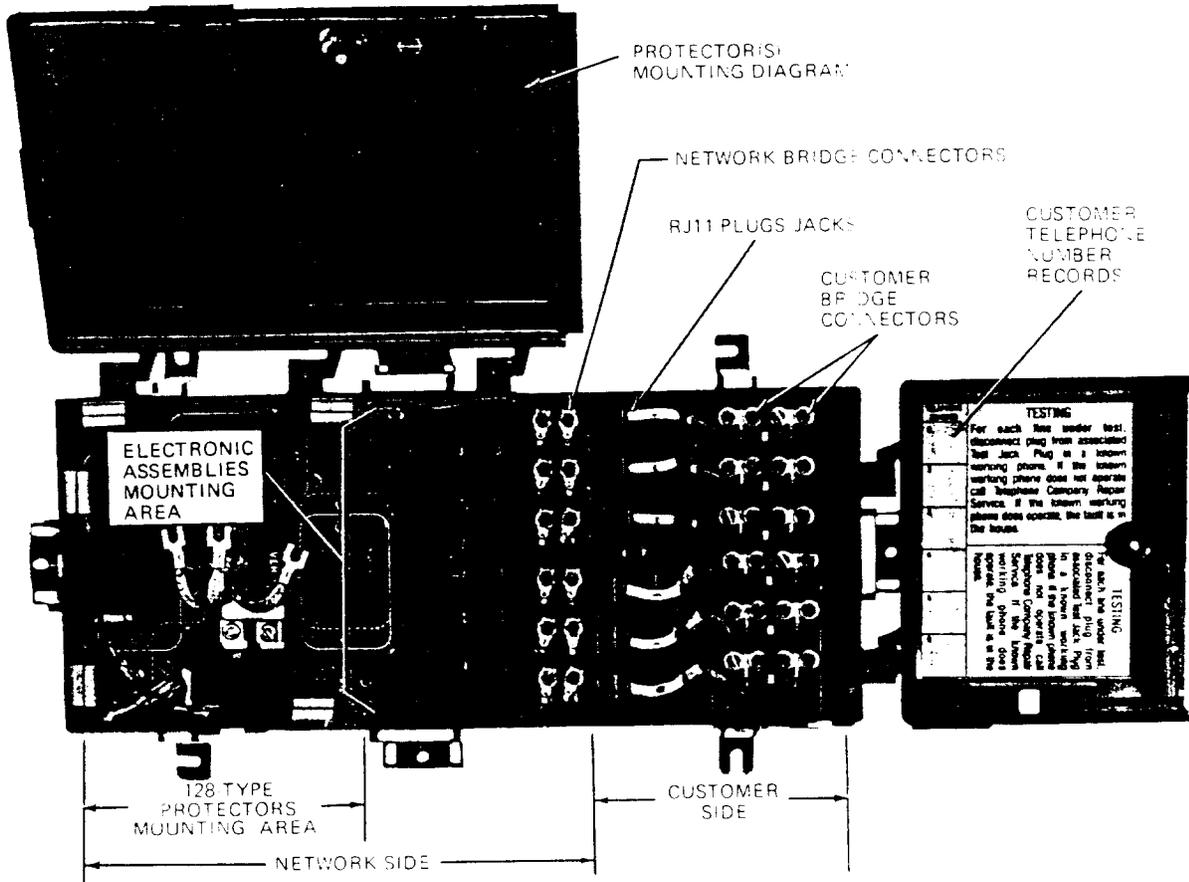
Change arrows are used to indentify the major changes. follows:

1.03 The 600-Series NIU provides the following features:

- Modular design
- Molded from high-impact, flame-retardant plastic
- ♦ Provision for mounting 125-type station protectors♦
- Provides binding post termination points for subscriber-provided wiring
- Equipped with U-shaped plastic grommets for easier service and ground wire entrance
- ♦ Provides up to 12 modular RJ11 network interface plugs/jacks♦
- Provides up to 12 electronic card slots for maintenance termination units for remote testing and fault sectionalization, compatible with MLT, MLT-2, and local test desk♦
- Provision for customer identification
- Equipped with cover for telephone company wiring, protection, and electronics
- All material capable of withstanding sprays and cleaning agents used in communications industry
- Provision for mounting either horizontally or vertically on building surface or on conduit; also, provision for pole mounting (Fig. 5)
- Environmentally secure
- RJ11 plug and jacks equipped with additional moisture and dust/dirt protection, both top and bottom
- ♦ Provision for terminating 1-pair drop, multidrop, buried service wire and 25-pair or smaller cable.♦
- Provides up to 12 replaceable customer bridge connectors, each equipped with binding post terminations for each of the 12 pairs

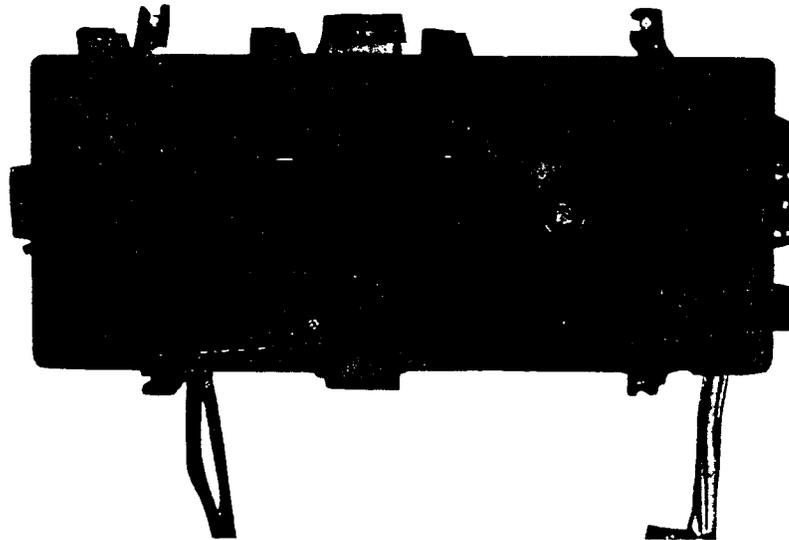


(A) COVERS CLOSED

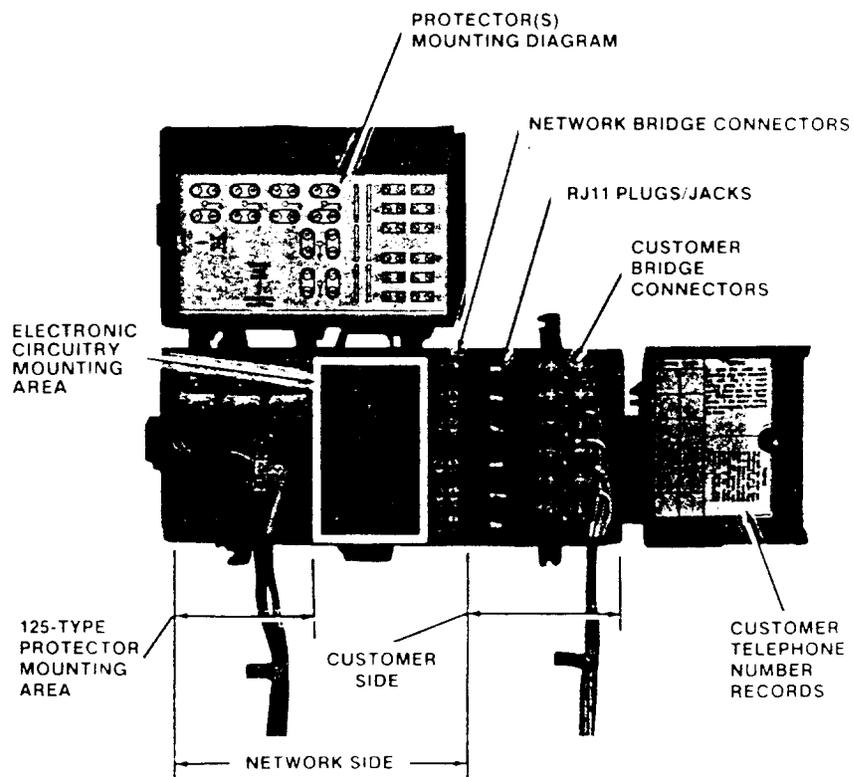


(B) COVERS OPEN

Fig. 1—600-Series NIU Configured for 128-Type Protectors — With No Inner Lockable Security Covers (DA as of February 1989)◆

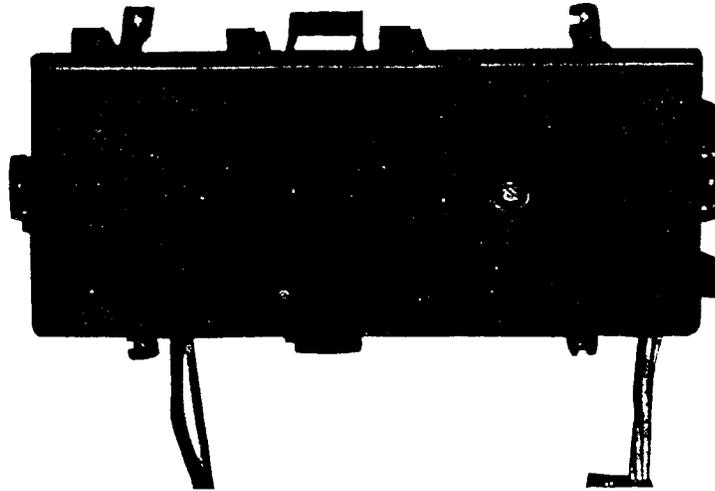


(A) COVERS CLOSED

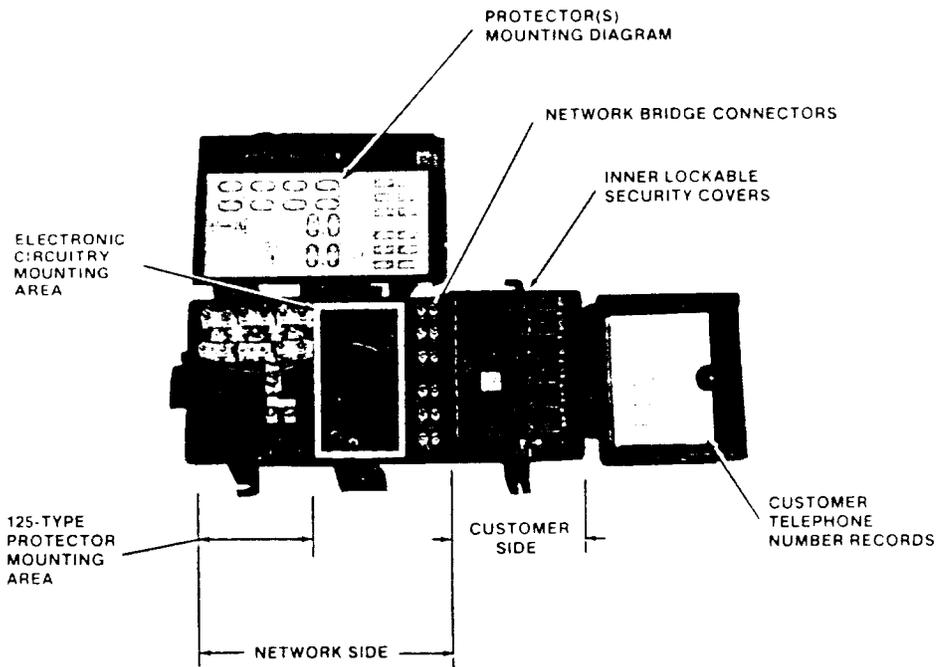


(B) COVERS OPEN

Fig. 2—600-Series NIU — Six-Pair Unit Configured for 125-Type Protectors — No Inner Lockable Security Covers on the Customer Side of Unit (Available as of February 1989)▲

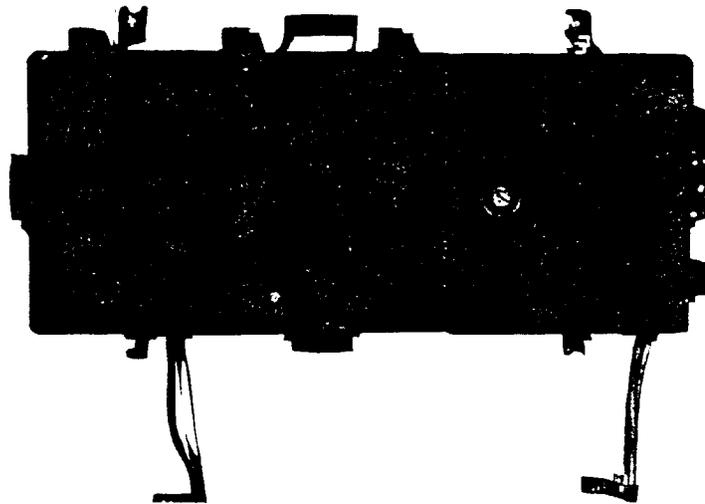


(A) COVERS CLOSED

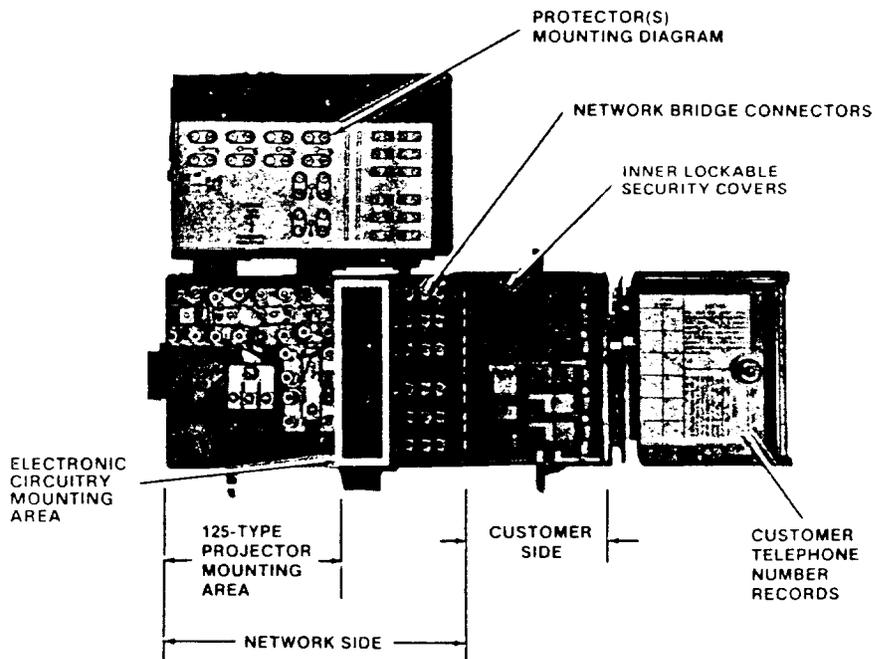


(B) COVERS OPEN

Fig. 3—600-Series NIU — Six-Pair Unit Equipped With 125-Type Protectors — Has Inner Lockable Security Covers on Customer Side of Unit. (Available as of February 1989)



(A) COVERS CLOSED



(B) COVERS OPEN

Fig. 4—600-Series NIU — Twelve-Pair Unit With Inner Security Covers on Customer Side of Unit (Available as of February 1989)

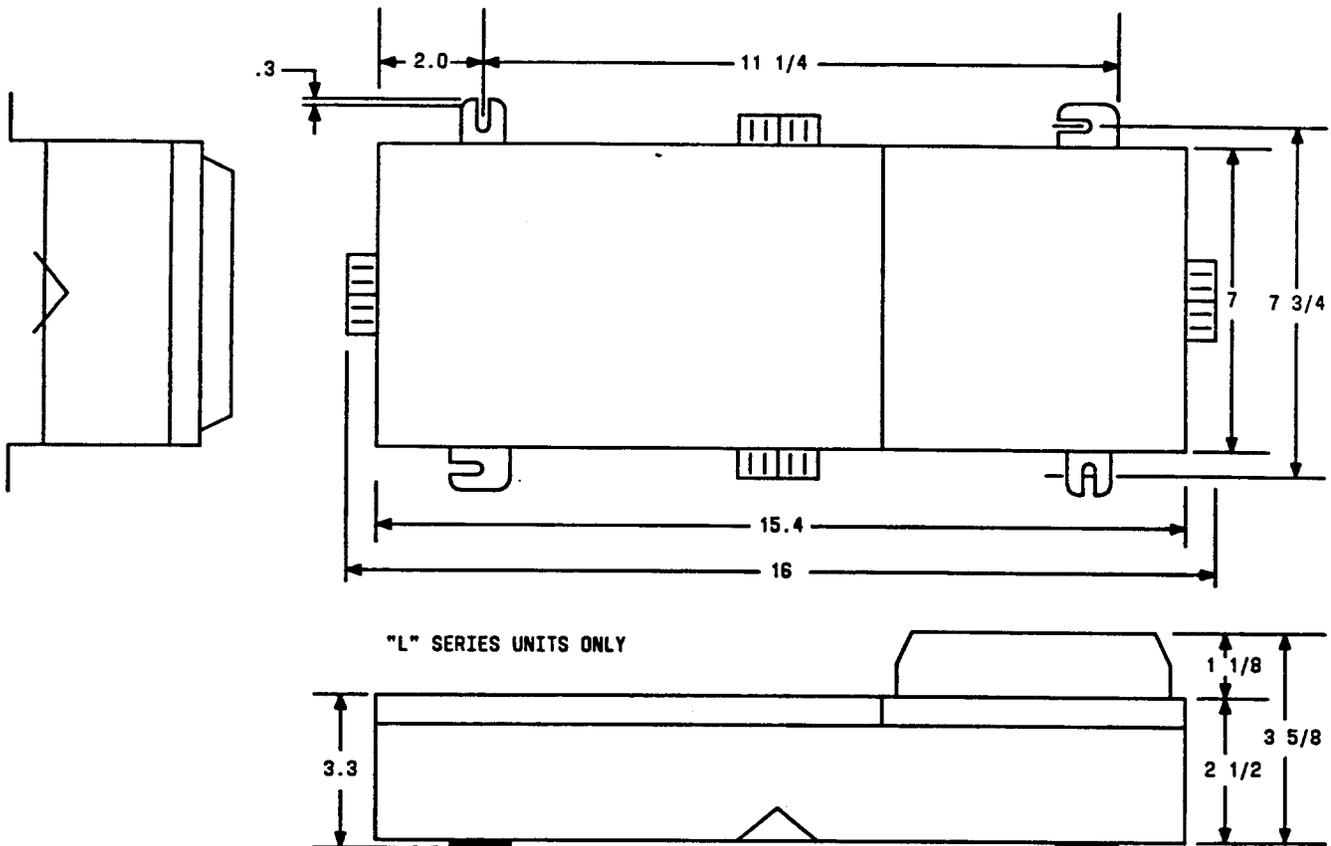


Fig. 5—600-Series NIU Dimensions

- Available in the following three configurations:

Outer Cover Lockable Only

- (1) 600-Series NIU configured to mount up to six 125-type protectors under one lockable cover (Available as of February 1989)

Individual and Outer Covers Lockable

- (2) 606-Series NIU — a 6-line unit features six lines individually lockable under six covers. An overall lockable cover is provided.
- (3) 612-Series NIU — a 12-line unit features 12 lines securable in groups of two under six covers. Also an overall lockable cover is provided.◀

2. PRECAUTIONS

2.01 **DANGER:** Station protectors have the risk of electrical shock. Only trained telephone company craftspersons should attempt to service protector units.

2.02 **DANGER:** NIUs may be mounted in close proximity to electrical wiring, outlets, or meters. Craftspersons should be alert for these electrical hazards and take the necessary actions to prevent accidental electrical shock.

2.03 **Caution:** 6-pair NIUs may use No. 6 or No. 10 ground wire. 12-pair units must use No. 6 ground wire.

3. DESCRIPTION

3.01 The 600-Series NIU is a unit offering 1- to 6-pair and 12-pair options. The unit is of compact, modular design for multiline applications. It

TABLE A					
600-SERIES NIUs AND FEATURES					
		BASIC UNIT EQUIPPED WITH			
CODE	COMCODE	CWB	RJ11	NET BRID	GND HAR
601WA-1	104427968	1	1	1	1
602WA-2	104427976	2	2	2	1
603WA-3	104427984	3	3	3	1
604WA-4	104427992	4	4	4	1
605WA-5	104428008	5	5	5	1
606WA-6	104428016	6	6	6	1
600D7L(KOP)	104428535	1	1	1	
606WA-L	105701684	6	6	6	1
606MA-L	105701692	6	6	6	1
606MB-L	105701700	6	6	6	1
606MC-L	105701718	6	6	6	1
612WA-L	105701643	12	12	12	2
612MA-L	105701650	12	12	12	2
612MB-L	105701668	12	12	12	2
612MC-L	105701676	12	12	12	2

Legend:
 CWB—Customer Wiring Bridge
 RJ11—Plug and Jack With Moisture Barrier Boots
 NET BRID—Two Wire Network Bridge and Interconnect Wires
 GND HAR—Protector Grounding Harness
 KOP—Kit of Parts

5. INSTALLATION

5.01 The 600-Series NIU can be horizontally or vertically mounted on a wall or a conduit. In addition, the 600-Series NIU can be pole-mounted. See Fig. 6 for the various mounting configurations.

A. Mounting the 600-Series NIU

5.02 The 600-Series NIU can be horizontally or vertically wall mounted as shown in Fig. 6. Use locally provided No. 8 screws to mount the units. Also, the 600-Series NIU can be horizontally or vertically

conduit-mounted using two C lashed cable supports for each mount. In addition, this NIU is suitable for pole mounting using locally provided mounting hardware.

5.03 See Fig. 6 for detailed instructions for the different suitable mounts.

B. Installing the 128-Type (2-Pair) Protectors—Horizontal Mount (DA as of 1989)

Note: For maintenance purposes the 128-type protectors can be replaced with 125-type protectors equipped with B2 adapters.

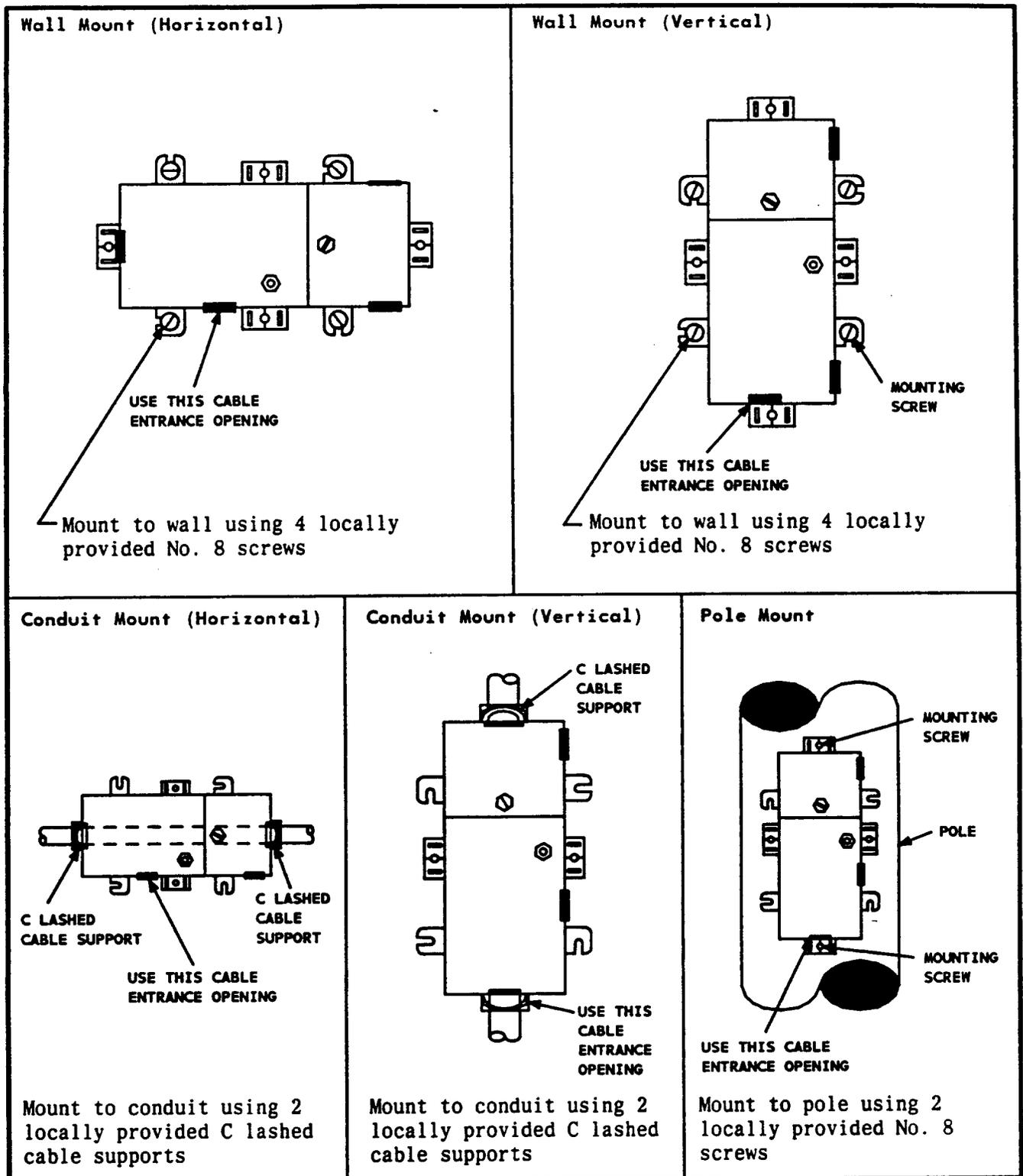


Fig. 6—Mounting the 600-Series NIU

5.04 To install the 128-type (2-pair) protectors in the horizontal mount (Fig. 7), use the following procedures:

- (1) Open the customer access cover.
- (2) Open the telephone company access cover using the KS-19192, L1 wrench.
- (3) Locate the protector mounting holes as shown.
- (4) Mount the 1st, 2nd, and 3rd protector as shown in Fig. 7 and on the left cover of the unit.
- (5) Route the wire from the network bridge to the protector and terminate on the protector binding post as shown.
- (6) Dress the wire into the wire guides.

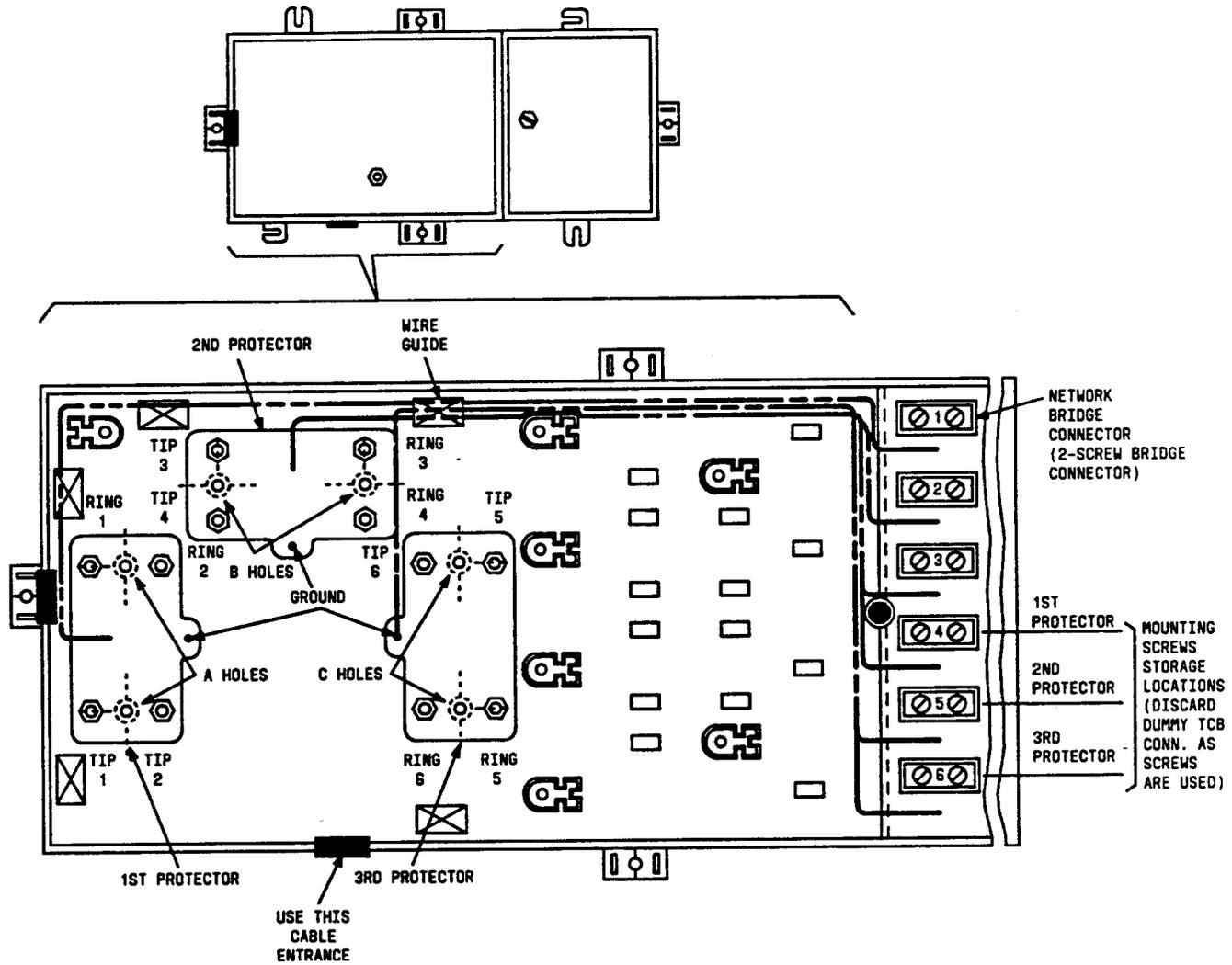


Fig. 7—Installing the 128-Type (2-Pair) Protectors — Horizontal Mount (DA as of February 1989)

C. Installing 125-Type Protectors — 6-Pair Configuration — Horizontal or Vertical Mount

5.05 To install the 125-type protector — 6-pair configuration in a horizontal or vertical mount (Fig. 8) use the following procedure

(1) Open customer access cover.

(2) Open telephone company access cover using a KS-19192, L1 wrench.

(3) Locate protector mounting studs as shown.

(4) Mount 1st through 6th protector as shown in Fig. 8 and on telephone company access cover.

(5) Route wire from the network bridge to the protector binding posts as shown.

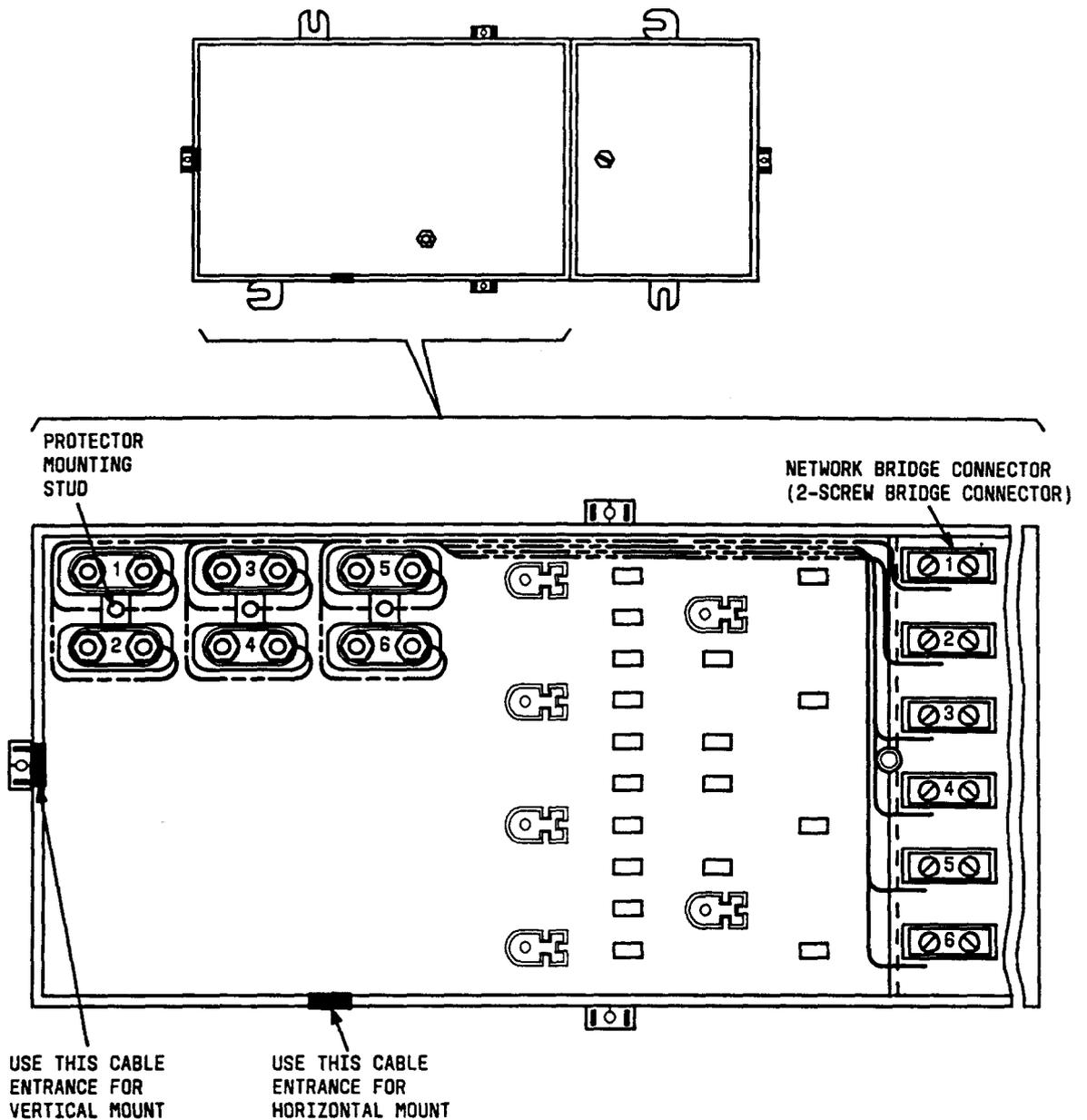


Fig. 8—Installing the 125-Type Protectors — 6-Pair Configuration — Horizontal or Vertical Mount

D. Installing 125-Type Protectors — 12-Pair Configuration — Horizontal or Vertical Mount

5.06 The 12-pair unit is factory wired. Figure 9 is provided to show protector pair-number assignment.

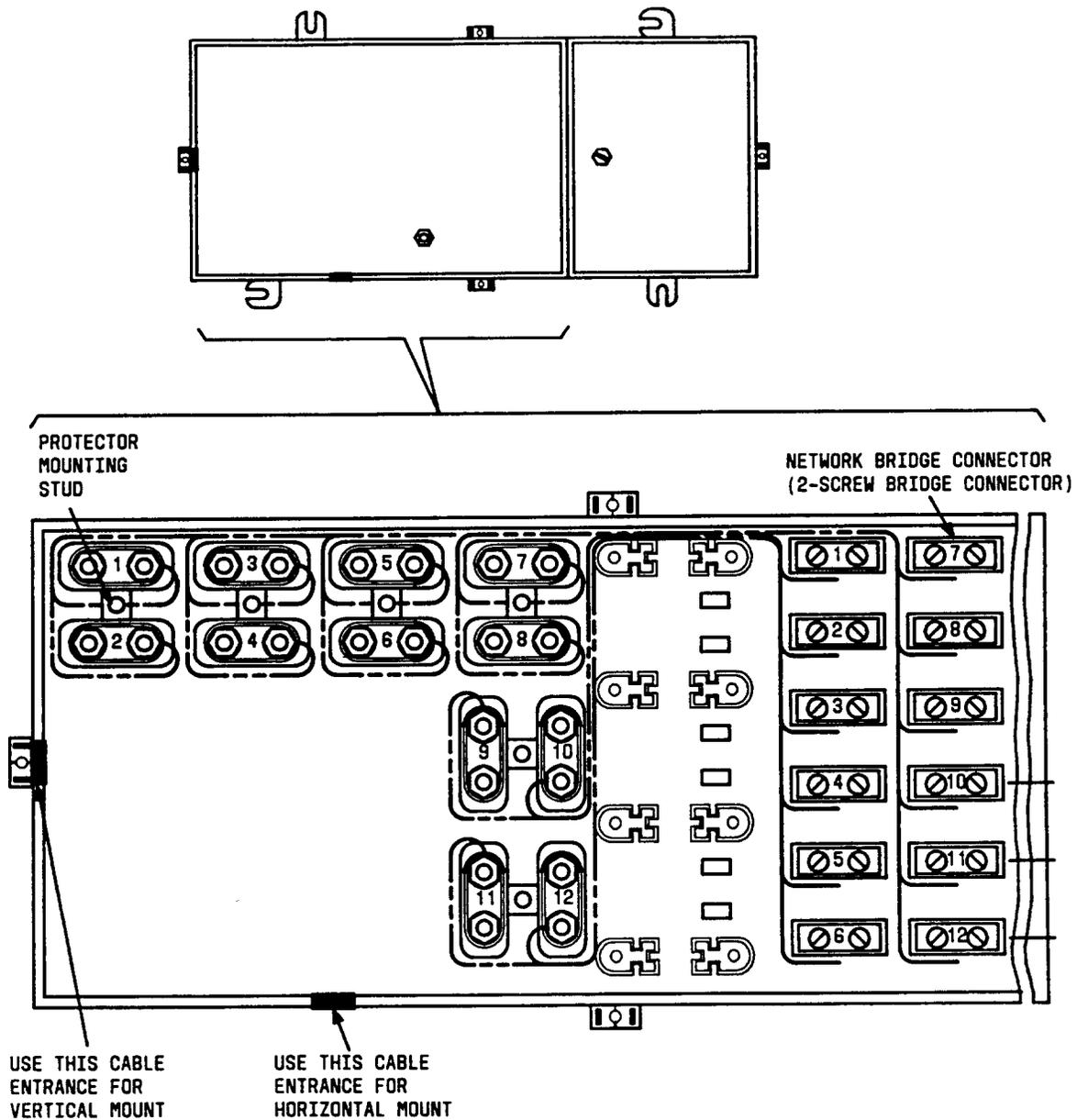


Fig. 9—12-Pair Factory Wired Unit

E. Installing the 128-Type (2-Pair) Protectors — Vertical Mount (DA as of 1989)

Note: For maintenance purposes the 128-type protectors can be replaced with 125-type protectors equipped with B2 adapters.

5.07 To install the 128-type (2-pair) protector in a vertical mount (Fig. 10), use the following procedures:

- (1) Open the customer access cover.

- (2) Open the telephone company access cover using the KS-19192, L1 wrench.
- (3) Rotate the bond ground connector.
- (4) Locate the protector mounting holes as shown.
- (5) Mount the 1st, 2nd, and 3rd protector as shown in Fig. 10 and 11, and on the left cover of the unit.
- (6) Route the wire from the network bridge to the protector binding posts as shown.

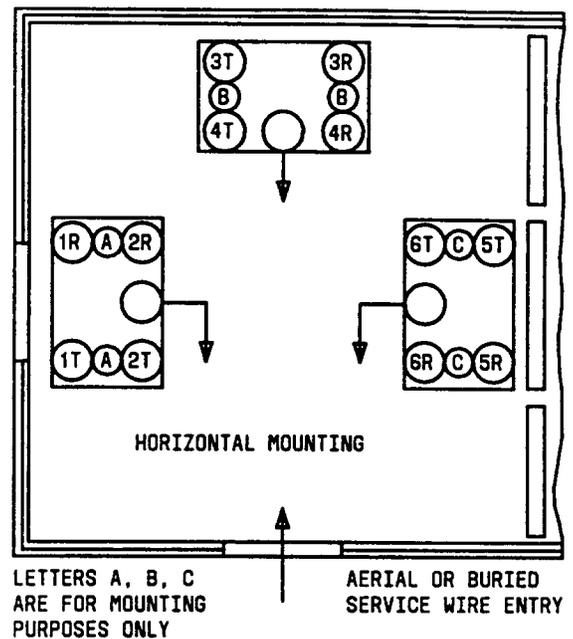
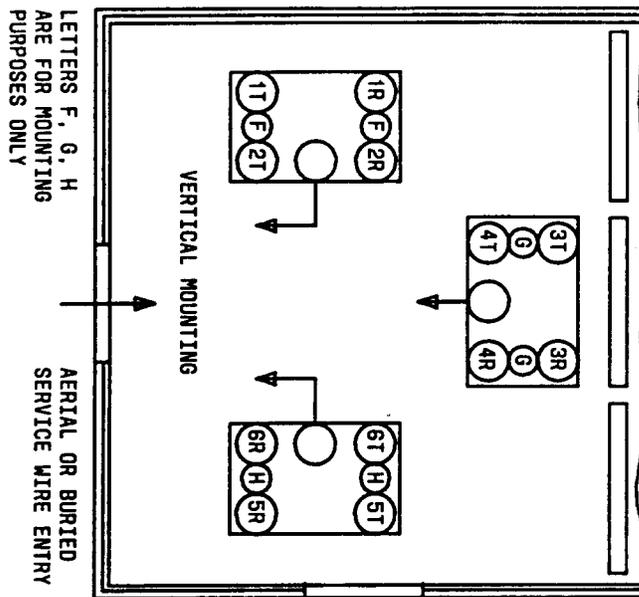


Fig. 10—128-Type Protector(s) Mounting Diagram (DA as of February 1989)

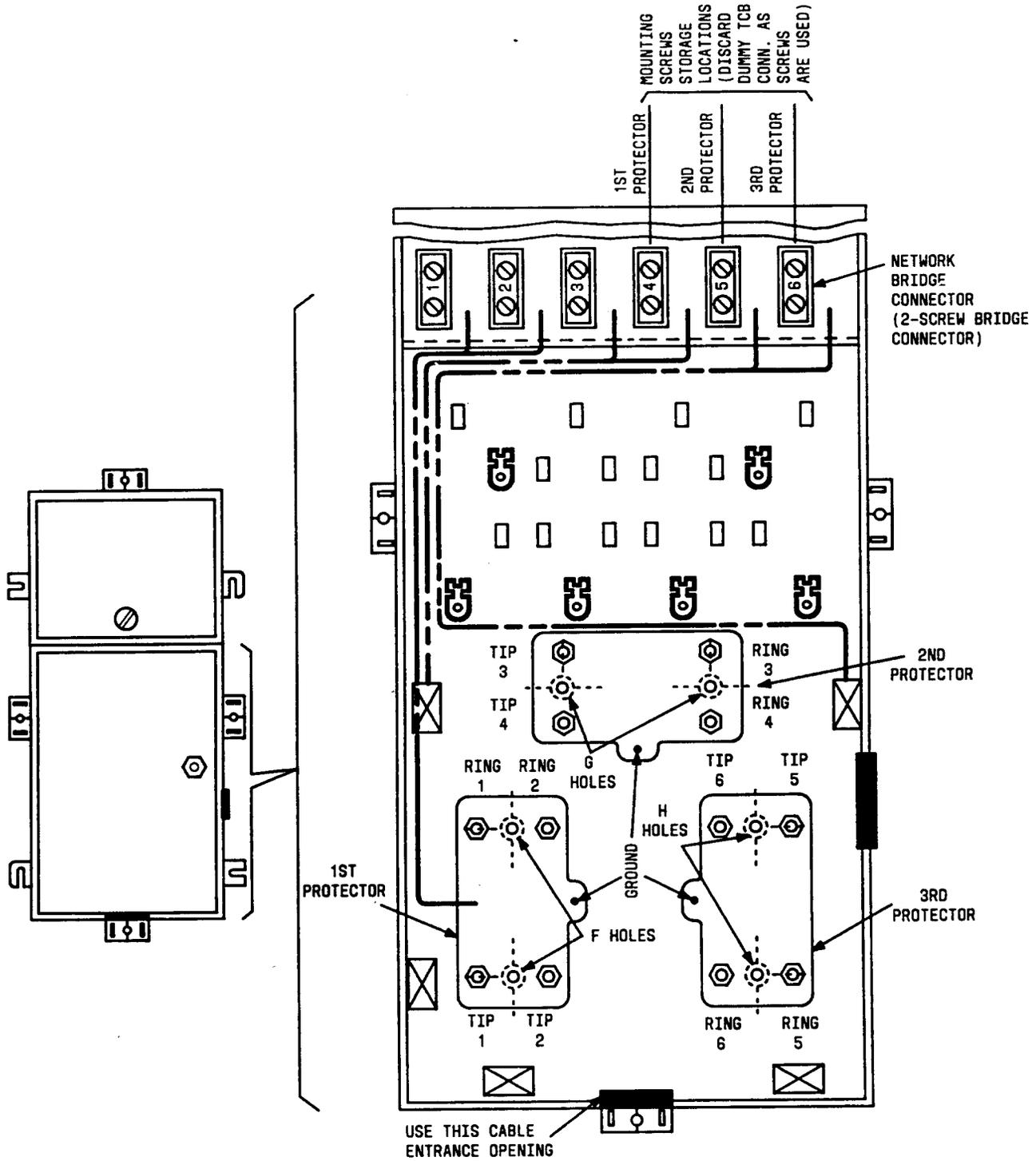


Fig. 11—Installing the 128-Type (2-Pair) Protectors — Vertical Mount (DA as of February 1989)

F. Bonding of Service Wire and Protector Grounding in Earlier 600-Series NIUs (DA as of 1989)

5.08 After the 128-type protectors are installed, the protectors must be bonded and grounded (Fig. 12) as follows:

- (1) Punch a hole in the grommet.
- (2) Insert the service or drop wire through the grommet as indicated in horizontal or vertical mounting information (paragraphs 5.06 and 5.07).

(3) A bond-ground connector is provided. If the unit is vertically mounted, loosen the screw and rotate the connector. See Table B and Fig. 12 for other termination combinations.

(4) Connect the braided strap on the ground connector to the protector ground posts.

TABLE B BURIED SERVICE WIRE AND GROUND WIRE TERMINATION FOR 6-PAIR CONFIGURATIONS					
SERVICE PROVIDED VIA NUMBERS OF:		TERMINATE SERVICE WIRE SHIELD		TERMINATE GROUND WIRE	
SERVICE WIRE SIZE					
2 PAIR	5 PAIR	COLLAR A	COLLAR B	COLLAR B	WITH MOUNTING SCREW C
—	1*	1*	—	1*	
1*	—	1*	—	1*	—
1	1	1	1	—	1
—	2	1	1	—	1
2	—	1	1	—	1
3	—	2	1	—	1
4	—	2	2	—	1

* Shown in Fig. 12 for the DA unit and Fig. 13 for the 6-pair units available as of February 1989.

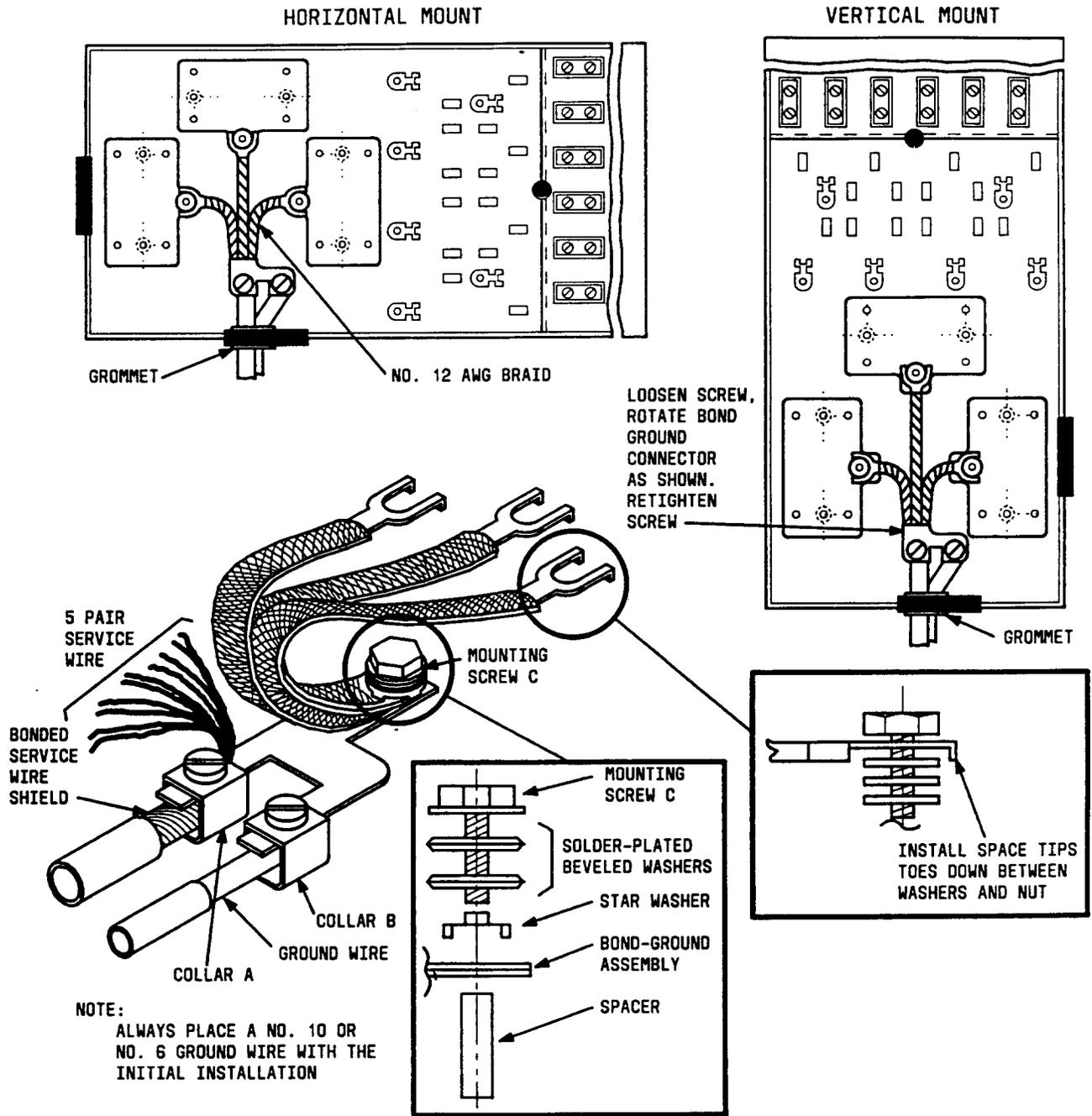


Fig. 12—Bonding of Service Wire and Protector Grounding in Earlier 600-Series NIUs (DA as of February 1989)

G. Bonding and Protector Grounding In Units E/W 125-Type Protectors — Horizontal and Vertical Mounts

5.09 When 125-type protectors are installed for use with buried service wire or aerial wire, the protectors must be bonded and grounded. Figure 13 and Table B should be used when bonding and grounding a 6-pair configuration. Figure 14 and Table C should be used when bonding and grounding

a 12-pair configuration. Both the 6- and 12-pair configurations use the following procedure:

- (1) Punch a hole in the grommet.
- (2) Insert service or drop wire through grommet as shown in horizontal or vertical mount drawings on Fig. 13 or Fig. 14.
- (3) Terminate ground wire and bond service wire shield(s) using Table B or Table C.

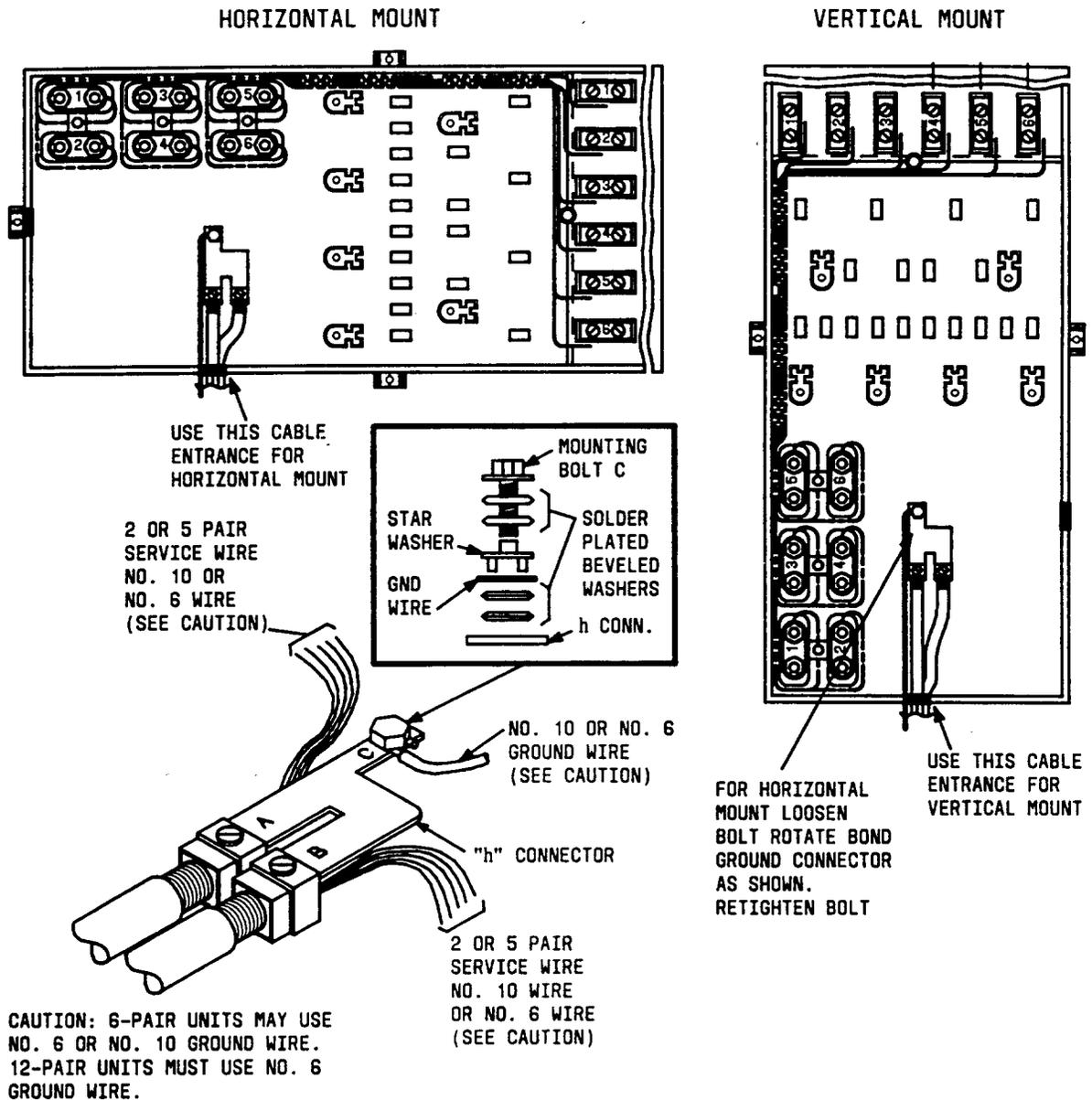


Fig. 13—Bonding of Service Wire and Protector Grounding for 125-Type Protectors in a 6-Pair Configuration

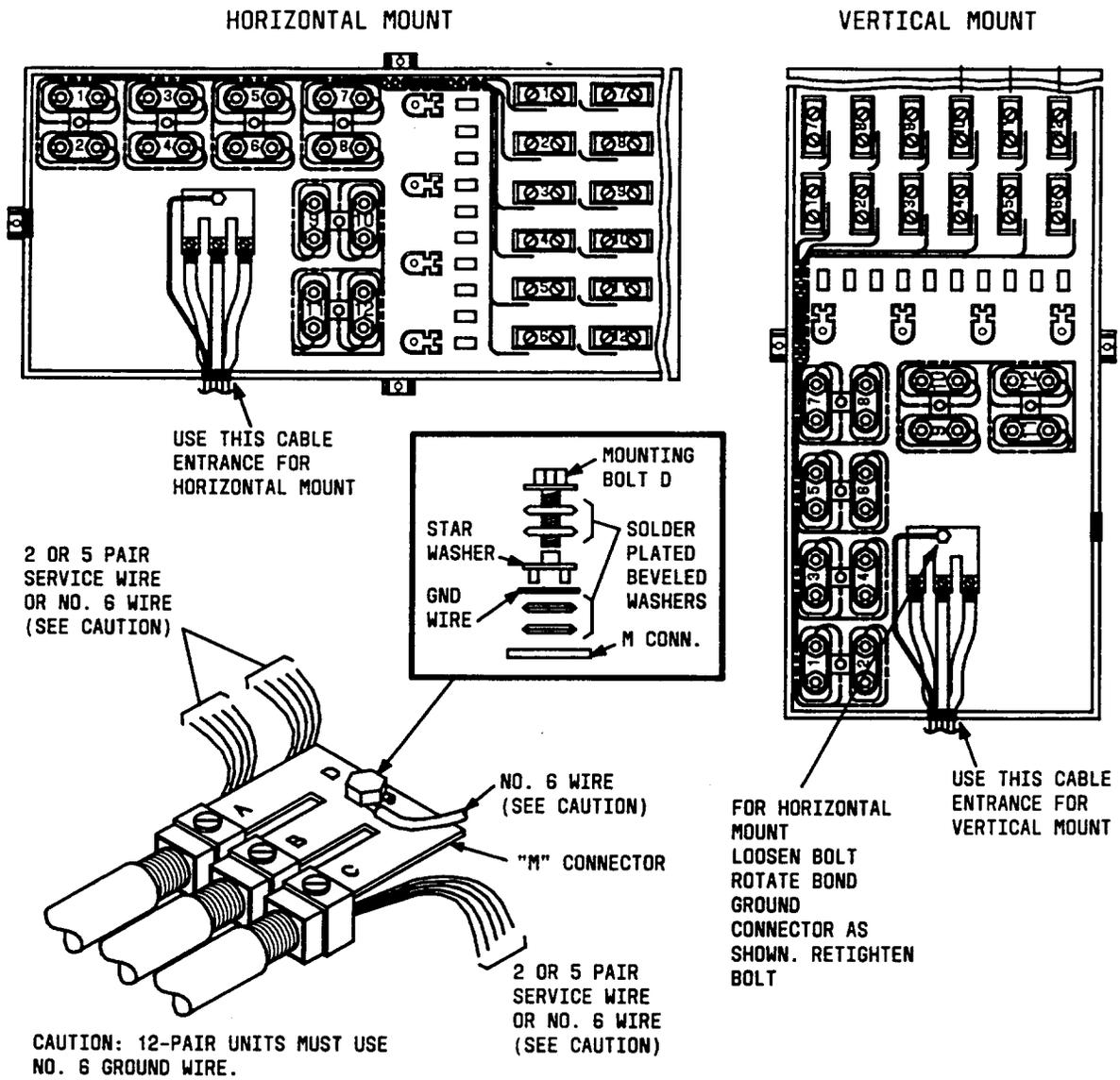


Fig. 14—Bonding of Service Wire and Protector Grounding for 125-Type Protectors in a 12-Pair Configuration

♦TABLE C♦ BURIED SERVICE WIRE AND GROUND WIRE TERMINATION FOR 12-PAIR CONFIGURATION						
SERVICE PROVIDED VIA NUMBERS OF:		TERMINATE SERVICE WIRE SHIELD			TERMINATE GROUND WIRE	
SERVICE WIRE SIZE						
2 PAIR	5 PAIR	COLLAR A	COLLAR B	COLLAR C	COLLAR B	WITH MOUNTING SCREW D
—	1	1	—	—	1	—
1	—	1	1	—	1	—
1	1	1	—	1	1	—
—	2	1	—	1	1	—
2	—	1	—	1	1	—
3*	—	1*	1*	1*	—	1*
4	—	2	1	1	—	1
—	3*	1*	1*	1*	—	1*
1	2	1	1	1		1

*Shown in Fig. 14

5.10 When 125-type protectors are used with cable, the protectors and cable must be bonded and grounded as follows (Fig. 15):

- (1) Remove the grommet from the unit and then punch a hole in the grommet and place onto cable.
- (2) Lay cable into grommet mounting slot.
- (3) Mark cable for sheath removal in preparation for bond clamp placement.
- (4) Remove cable from unit and remove the cable jacket and sheath per local practice.
- (5) Install bond clamp per local instructions.
- (6) Attach end of 3-inch piece of locally provided perforated bond ribbon to bond clamp screw.
- (7) Place cable and grommet back into grommet mounting slot.
- (8) Remove insulation from No. 6 ground wire and form mounting loop.
- (9) Route No. 6 ground wire through grommet and up to mounting post.
- (10) Secure upper end of bond ribbon and No. 6 ground wire to ground mounting post with ground mounting screw.
- (11) Clear ends of unused pairs by terminating into 5-pair 710 connector modules.
- (12) Dress 710 connector modules for good house-keeping and place in unused corner of unit.

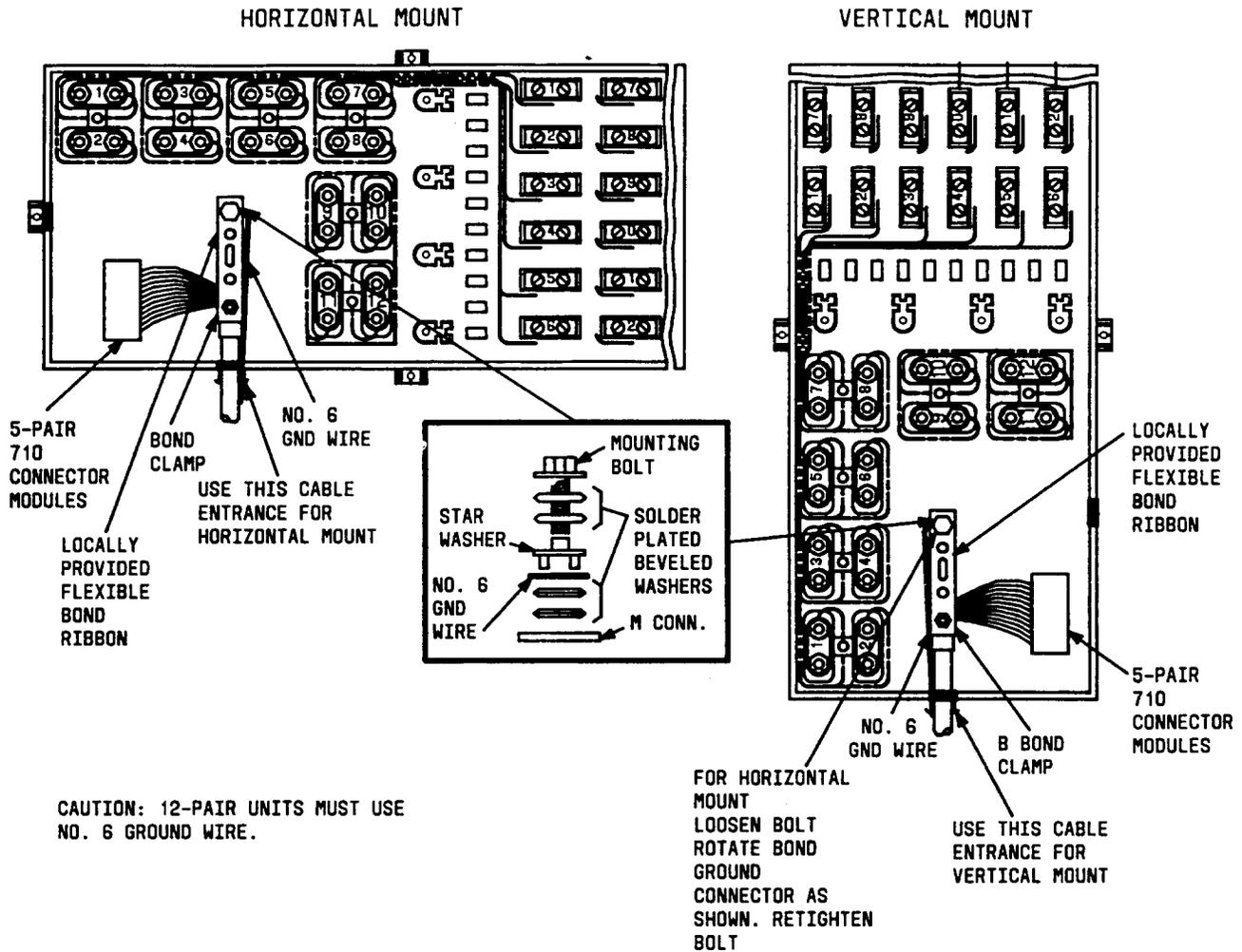


Fig. 15—Bonding and Grounding of 125-Type Protectors When Used With 25-Pair (or Smaller) Cable

H. (Optional) Installing the MTUs (Maintenance Termination Units) and PWBs (Printed Wiring Boards) and Electronic Assemblies in 6- and 12-Pair Configurations

5.11 In 6-pair units, the MTU components should be facing the protector(s). In 12-pair units, the

MTU components must face each other as shown in Fig. 17. Install the MTUs as follows:

- (1) Install MTUs into PWB posts in a stacked edge-wise arrangement as shown in Fig. 16 and 17.
- (2) Install MTU components as shown in Fig. 16 or 17.
- (3) Wire termination as noted in Fig. 16 or 17.

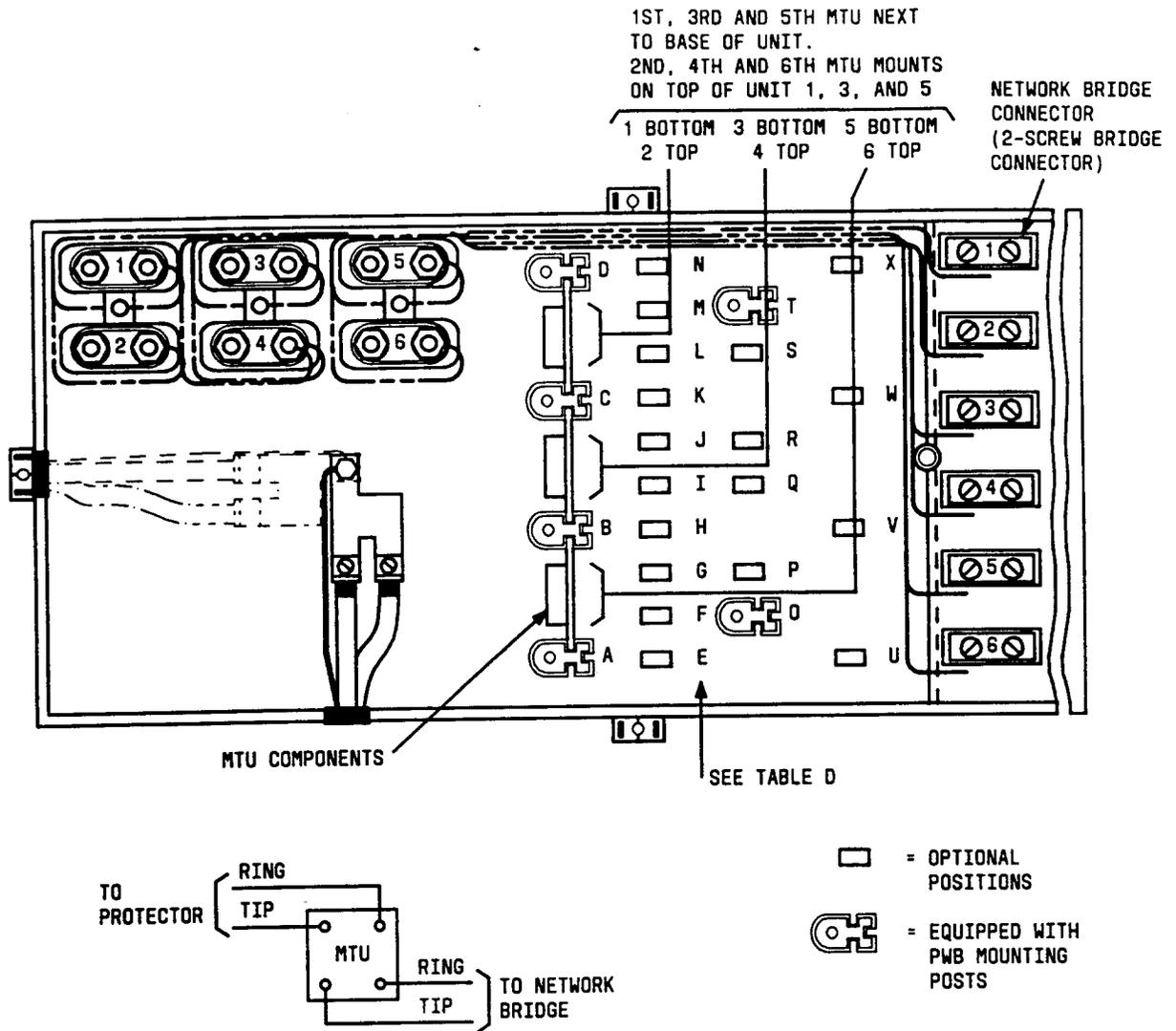


Fig. 16—Installing MTUs In 6-Pair Configuration — Horizontal or Vertical Mount

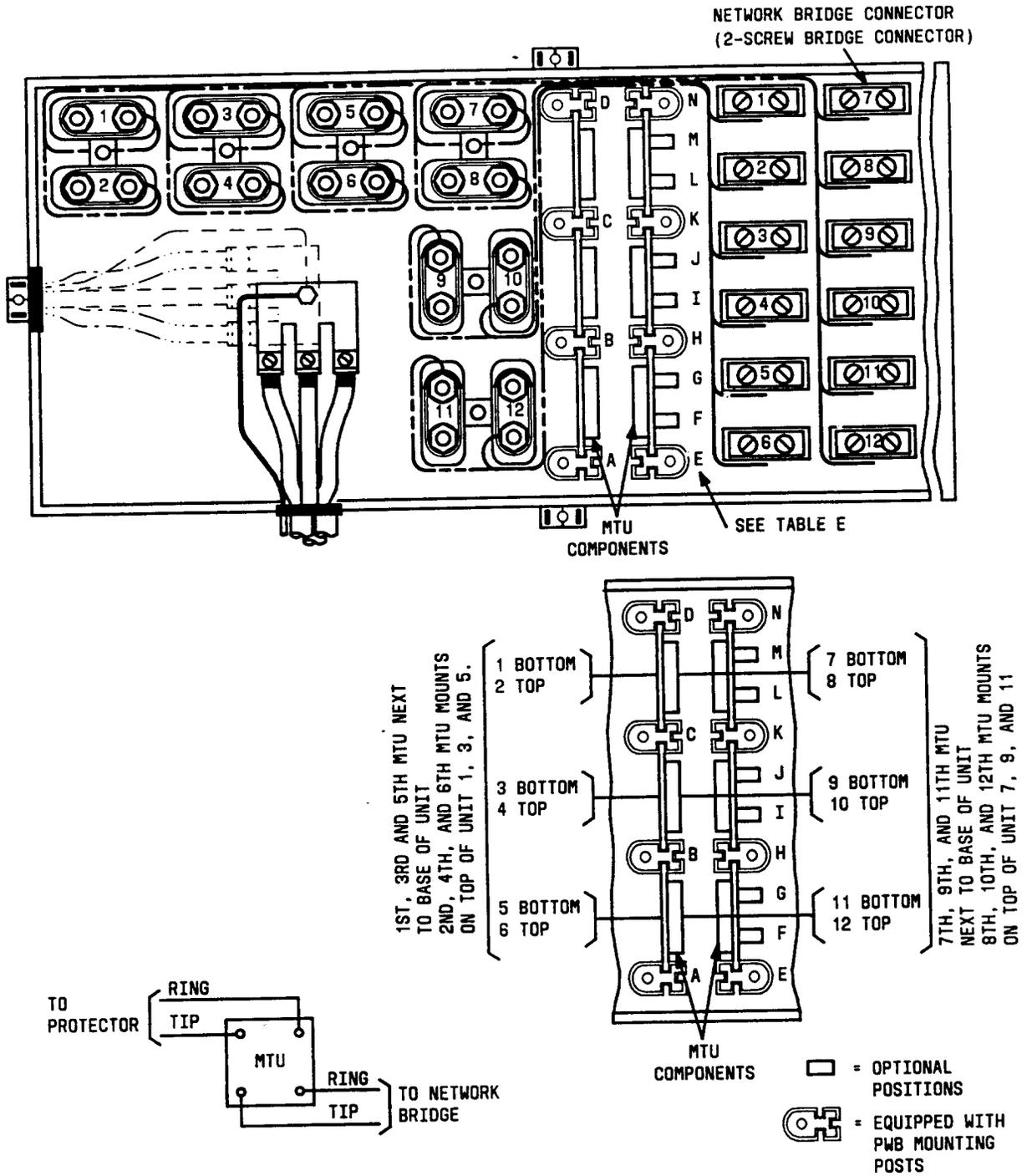


Fig. 17—Installing MTUs In 12-Pair Configuration — Horizontal or Vertical Mount

5.12 Install the PWBs as required. Table D shows some examples of board mountings in a 6-pair configuration; however, it should be noted that other arrangements are possible, but not simultaneously.

5.13 Install the PWBs as required. Table E shows some examples of board mountings in a 12-pair configuration; however, it should be noted that other arrangements are possible, but not simultaneously.

TABLE D EXAMPLES OF BOARD MOUNTINGS 6-PAIR CONFIGURATION			
		EXAMPLES OF OTHER 0.060" THICK BOARD MOUNTINGS (NOTE 1)	
STANDARD PRINTED WIRE BOARD 1.6" WIDE X 1.5" MAX. HIGH X 0.060" THICK	STANDARD PRINTED WIRE BOARD 3.875" WIDE X 1.5" MAX. HIGH X 0.060" THICK	BOARD MOUNTING 1.5 MAX. HIGH	BOARDLENGTH
A-B, B-C, C-D, D-X, C-W, B-V, A-U, E-H, J-M, O-Q, R-T	E-M, O-T	E-F, F-G, O-P	3/4"
		F-J, O-R, M-P	2-1/8"
		E-L, O-S	3"
Note: 1. Other arrangements possible but all are not usable simultaneously. See Fig. 16.			

TABLE E EXAMPLES OF BOARD MOUNTINGS 12-PAIR CONFIGURATION			
		EXAMPLES OF OTHER 0.060" THICK BOARD MOUNTINGS (NOTE 1)	
STANDARD PRINTED WIRE BOARD 1.6" WIDE X 1.5" MAX. HIGH X 0.060" THICK	STANDARD PRINTED WIRE BOARD 3.875" WIDE X 1.5" MAX. HIGH X 0.060" THICK	BOARD MOUNTING 1.5 MAX. HIGH	BOARD LENGTH
A-B, B-C, C-D, E-H, H-K, K-N, F-I, G-J, I-L;	E-L, F-M	E-F, F-G,	3/4"
		E-I, F-J,	2-1/8"
		F-L, E-K	3"
Note: 1. Other arrangements possible but all are not usable simultaneously. See Fig. 17.			

I. Route and Tie Down House Wire (Customer Wiring) as Required

5.14 To install the customer wiring, perform the following steps:

- (1) Open outside customer access cover using a 216 tool.
- (2) Open network side using a KS-19192, L1 wrench.
- (3) Swing security cover framework to open position as shown in Fig. 18.

(4) Puncture grommet and route customer wire to assigned customer.

(5) Connect customer pairs to customer bridge terminals using wire color code and bridge tab color code (red wire to red tab; green wire to green tab, etc.).

(6) Dress customer pairs on right side of box.

(7) Swing security cover framework to closed position.

(8) Close covers.

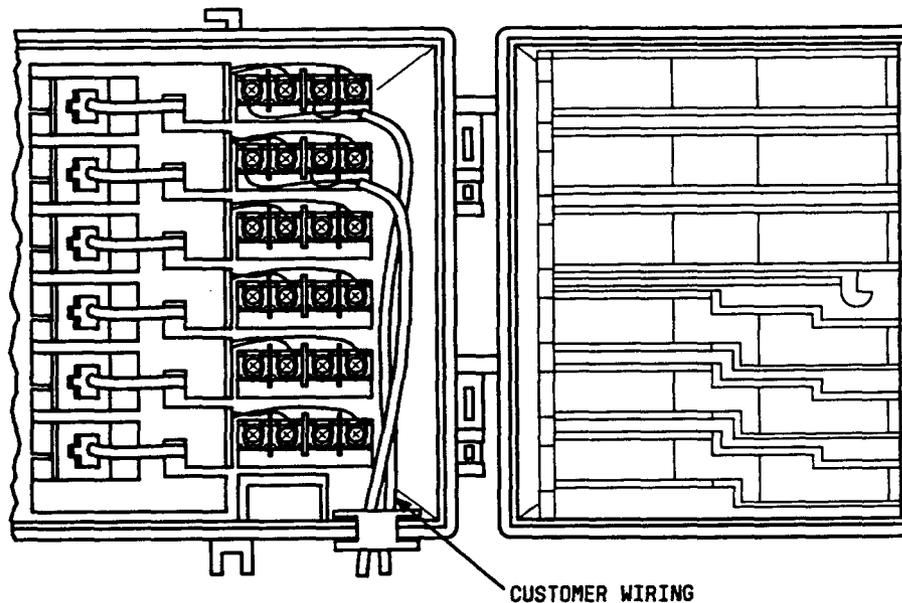


Fig. 18—Installing Customer Wiring

J. Removing Customer Lock (When Key is Lost or Lock is Deserted) as Required

5.15 To remove deserted customer lock use the following steps:

- (1) Open the outer covers on both the protector side and customer side of the 600-Series NIU as shown in Fig. 19.
- (2) Swing open security frame to approximately a 30-degree position as shown in Fig. 20.
- (3) Push required cover in to align frame slot with edge of cover. Lock can then be lifted out (Fig. 21).
- (4) Close security frame.
- (5) Close designated cover to lockable position.
- (6) Close and secure cover on protector side of unit.
- (7) Close and secure customer access cover.

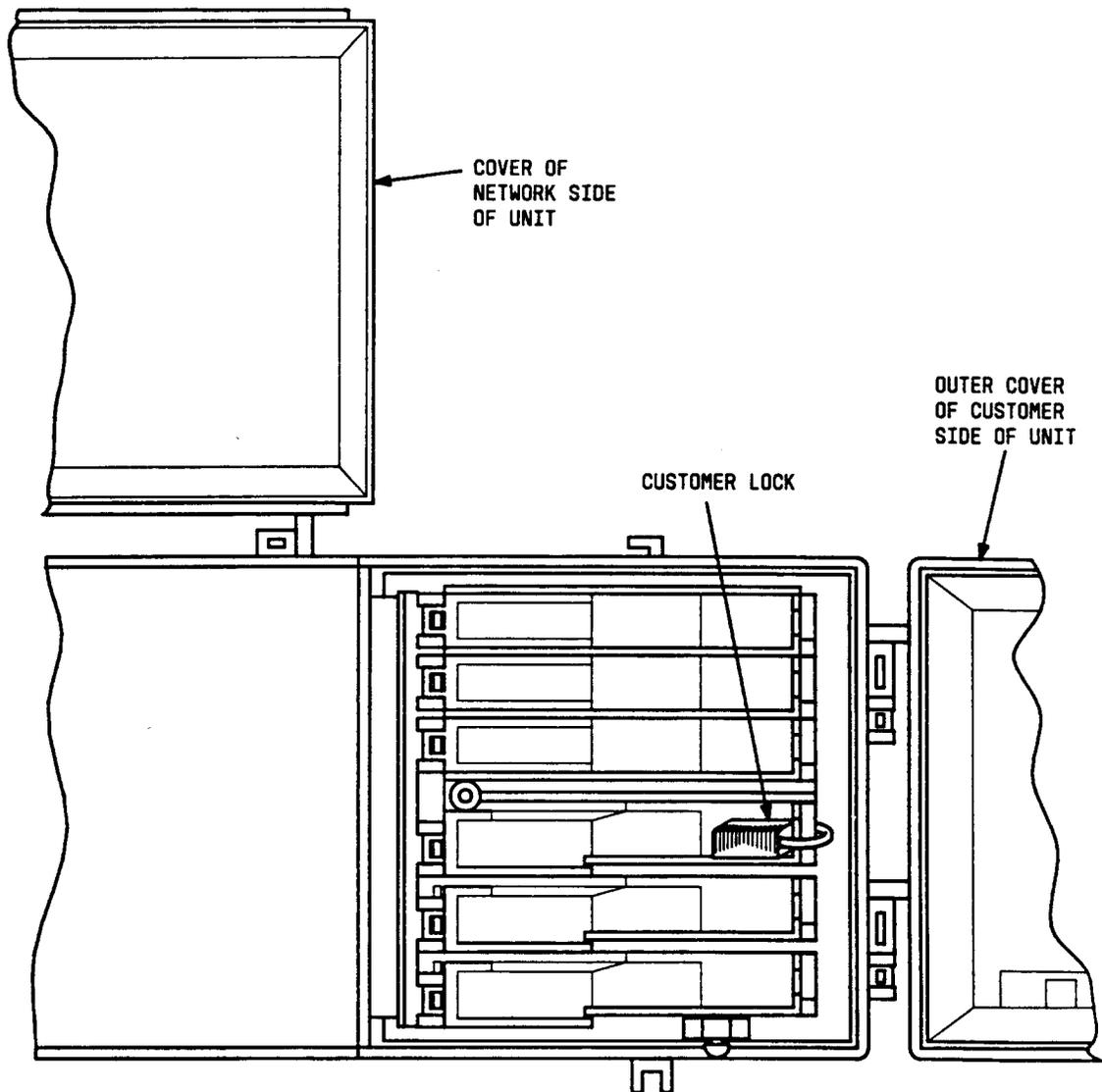


Fig. 19—600-Series NIU With Outer Covers Open

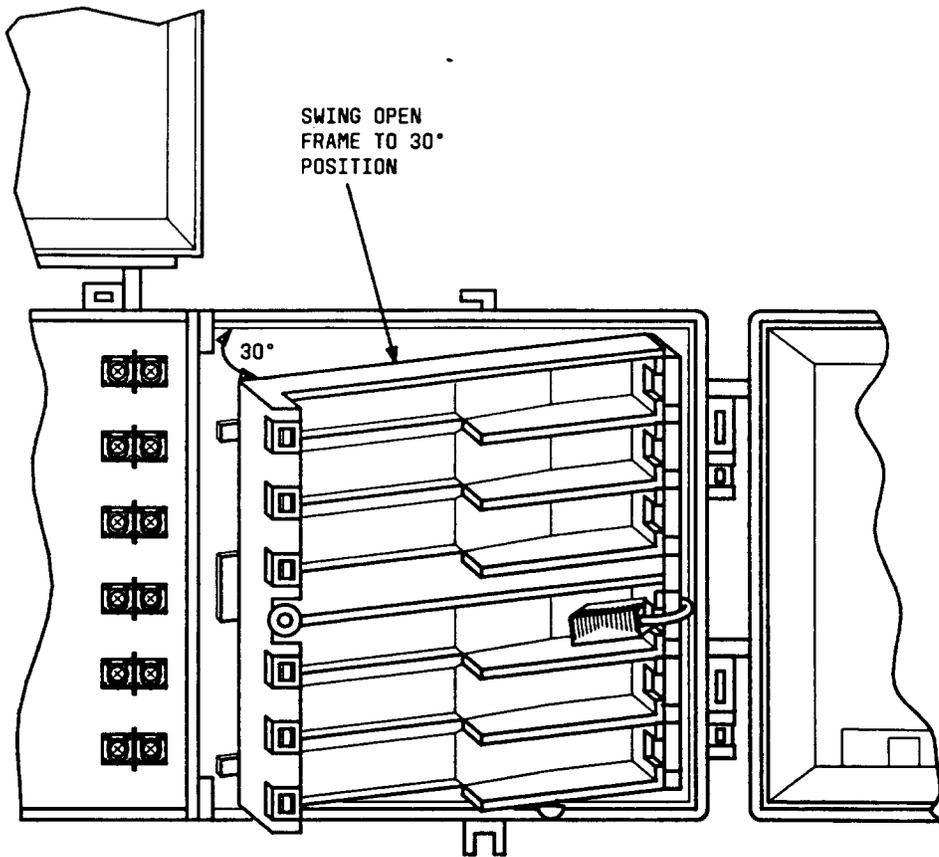


Fig. 20—Security Frame Lifted to a 30-Degree Position

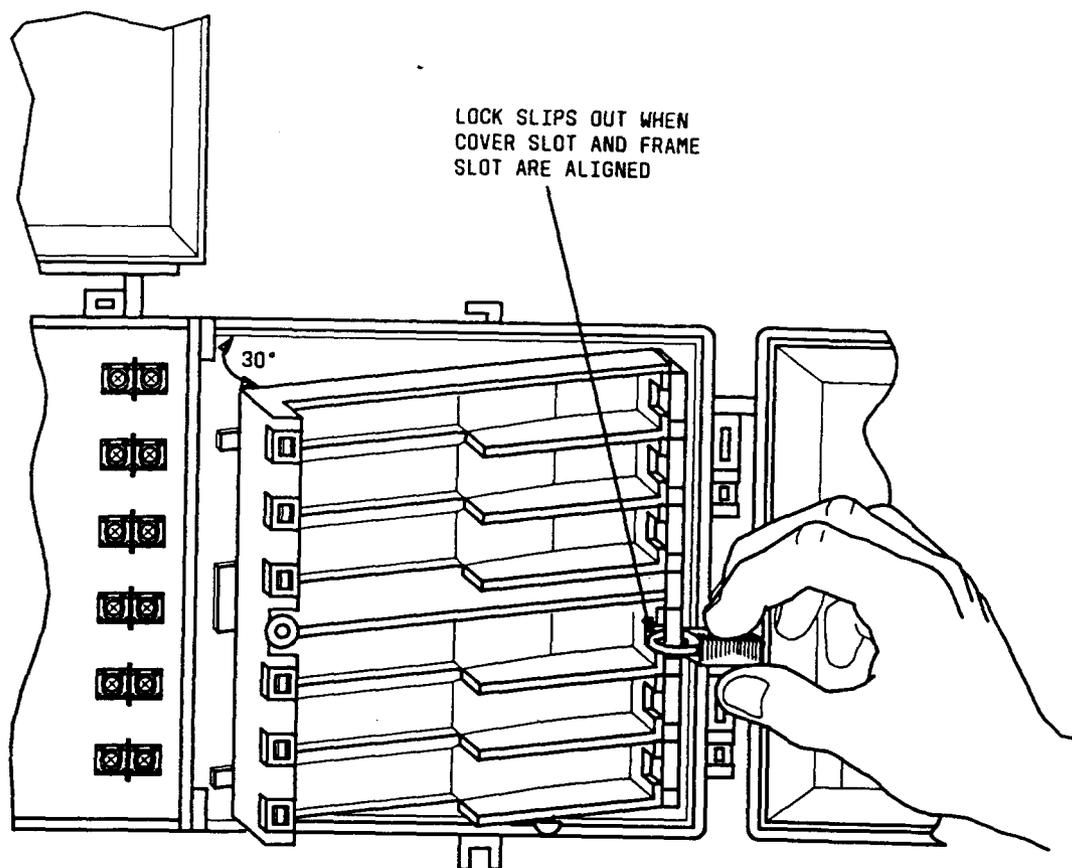


Fig. 21—Aligning Frame Slot With Edge of Cover for Lock Removal

K. Write-In Customer Telephone Numbers on Record Decal

5.16 Write the customer telephone numbers in the corresponding record decal located on the inside cover of the customer side of the 600-Series NIU. Examples of recorded numbers for both horizontal and vertical mounts are shown in Fig. 22 and 23.

TELEPHONE NUMBER		TESTING FOR EACH LINE UNDER TEST, DISCONNECT PLUG FROM ASSOCIATED TEST JACK. PLUG IN A KNOWN WORKING PHONE. IF THE KNOWN PHONE DOES NOT OPERATE CALL TELEPHONE COMPANY REPAIR SERVICE. IF THE KNOWN WORKING PHONE DOES OPERATE, THE FAULT IS IN THE HOUSE.
1	555-1212	
2	555-1414	
3	555-1616	
4	555-1818	
5	555-2010	
6	555-2130	
7	555-1313	TESTING FOR EACH LINE UNDER TEST, DISCONNECT PLUG FROM ASSOCIATED TEST JACK. PLUG IN A KNOWN WORKING PHONE. IF THE KNOWN PHONE DOES NOT OPERATE CALL TELEPHONE COMPANY REPAIR SERVICE. IF THE KNOWN WORKING PHONE DOES OPERATE, THE FAULT IS IN THE HOUSE.
8	555-1515	
9	555-1717	
10	555-1919	
11	555-2120	
12	555-2140	

HORIZONTAL MOUNT

Fig. 22—Customer Telephone Number on Record Decal Located on Inside of Cover — Horizontal Mount

TELEPHONE NUMBER	TESTING FOR EACH LINE UNDER TEST, DISCONNECT PLUG FROM ASSOCIATED TEST JACK. PLUG IN A KNOWN WORKING PHONE. IF THE KNOWN PHONE DOES NOT OPERATE CALL TELEPHONE COMPANY REPAIR SERVICE. IF THE KNOWN WORKING PHONE DOES OPERATE, THE FAULT IS IN THE HOUSE.					
	1	555-1212	555-1414	555-1616	555-1818	555-2010
2	555-1515	555-1717	555-1919	555-2120	555-2140	
3	555-1313	555-1515	555-1717	555-1919	555-2120	555-2140
4	555-1313	555-1515	555-1717	555-1919	555-2120	555-2140
5	555-1313	555-1515	555-1717	555-1919	555-2120	555-2140
6	555-1313	555-1515	555-1717	555-1919	555-2120	555-2140

VERTICAL MOUNT

Fig. 23—Customer Telephone Number on Record Decal Located on Inside of Cover — Vertical Mount

L. Securing the 600-Series NIU (Fig. 24)

5.17 To secure the 600-Series NIU, use the following steps:

- (1) Close cover on the network side and secure the captive fastener using KS-19192, L1 wrench.
- (2) If lockout feature is required by customer:

- (a) Loosen screw securing lockout with KS-19192, L1 wrench.

- (b) Remove lockout and reverse to position lock hasp.

- (c) Slide lockout back in slot. Close cover. Ensure hasp is accessible.

- (d) Tighten screw to secure lockout.

Note: Lock to be supplied by the customer.

- (3) Close customer access cover and secure the captive fastener.

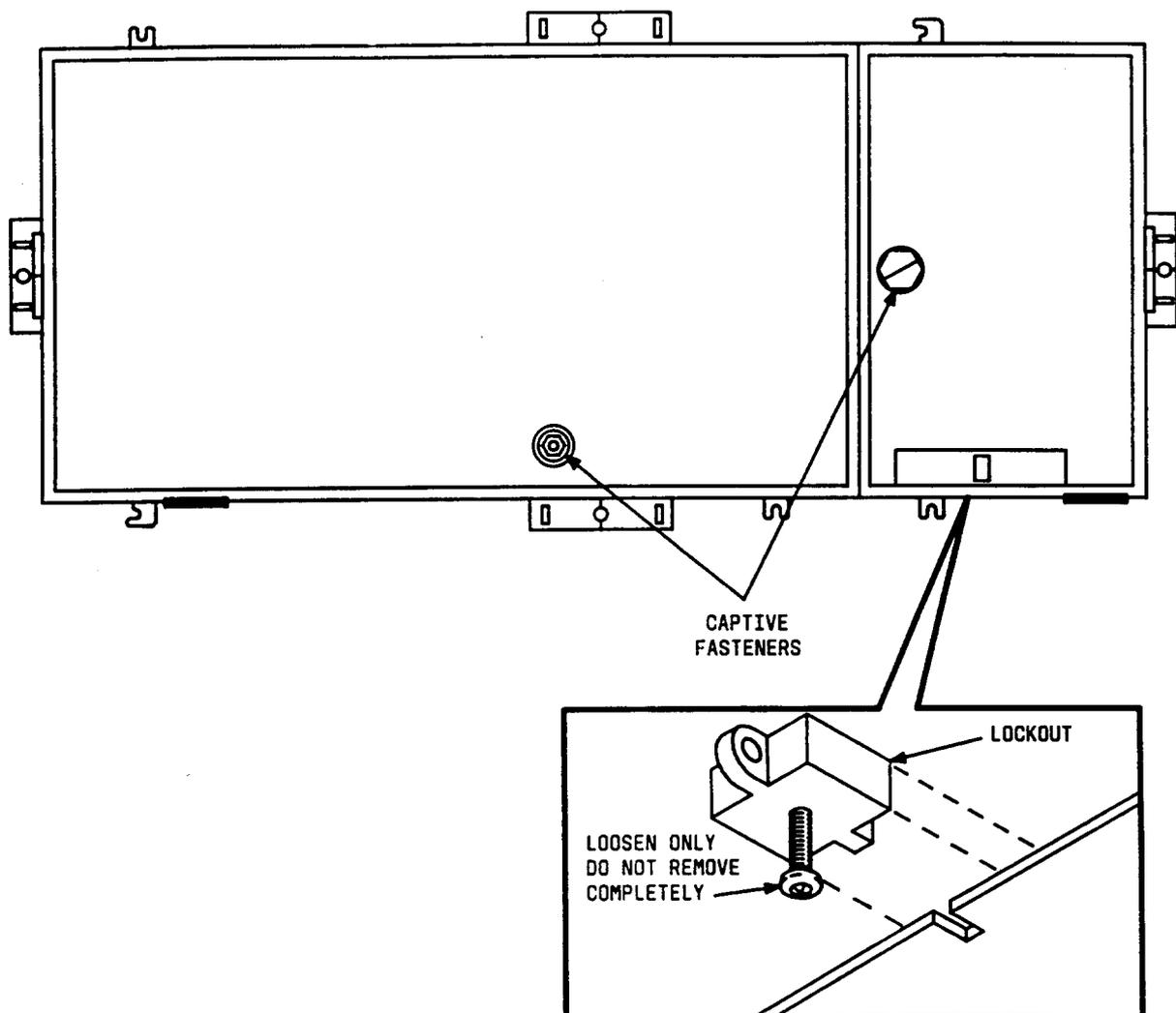


Fig. 24—Securing the 600-Series NIU

6. REPLACING THE OUTER COVERS ON THE 600-SERIES NIU

6.01 In the event that an outer cover on either the network side or the customer side of the 600-Series NIU is damaged or must be replaced use the following procedures:

A. Replacing Cover on Network Side of Unit

6.02 To replace the cover on the network side of the unit, refer to Fig. 25 and 26 and follow the steps beside the figures.

B. Replacing Outer Cover on Customer Side of Unit

6.03 To replace the outer cover on the customer side of unit, refer to Fig. 27 and 28 and follow the steps beside the figures.

7. UPGRADING A 6-PAIR 600-SERIES NIU WITHOUT SIX INDIVIDUAL LOCKABLE COVERS TO A SIX-COVER INDIVIDUAL LOCKABLE CONFIGURATION

Note: Procedure applies only to units manufactured after February 1989.

7.01 To upgrade a 6-pair 600-Series NIU to a unit that has six individual lockable covers, use the following procedures.

A. Removal of Original Cover From Customer Side of Unit

7.02 Remove and discard the cover from the customer side of the unit. Refer to Fig. 27 and follow the instructions.

B. Installing Security Frame (With Six Individual Covers) and New Outer Cover

7.03 To install the security frame refer to Fig. 29 and 30. After frame is installed, swing it to closed position as shown in Fig. 31.

7.04 Install new outer cover on unit by referring to Fig. 28.

7.05 Install customer-provided lock(s) on individual covers as required (Fig. 32) and close and secure outer cover on both protector and customer side of unit.

8. CONVEYING CUSTOMER INFORMATION FOR WIRING AND LOCKING INSTRUCTIONS

8.01 The customer instructions consist of an orange card (Fig. 33 and 34) to be left on the customer door knob in the event the resident is not home.

9. ISSUING ORGANIZATION

Published by
The AT&T Documentation Management Organization

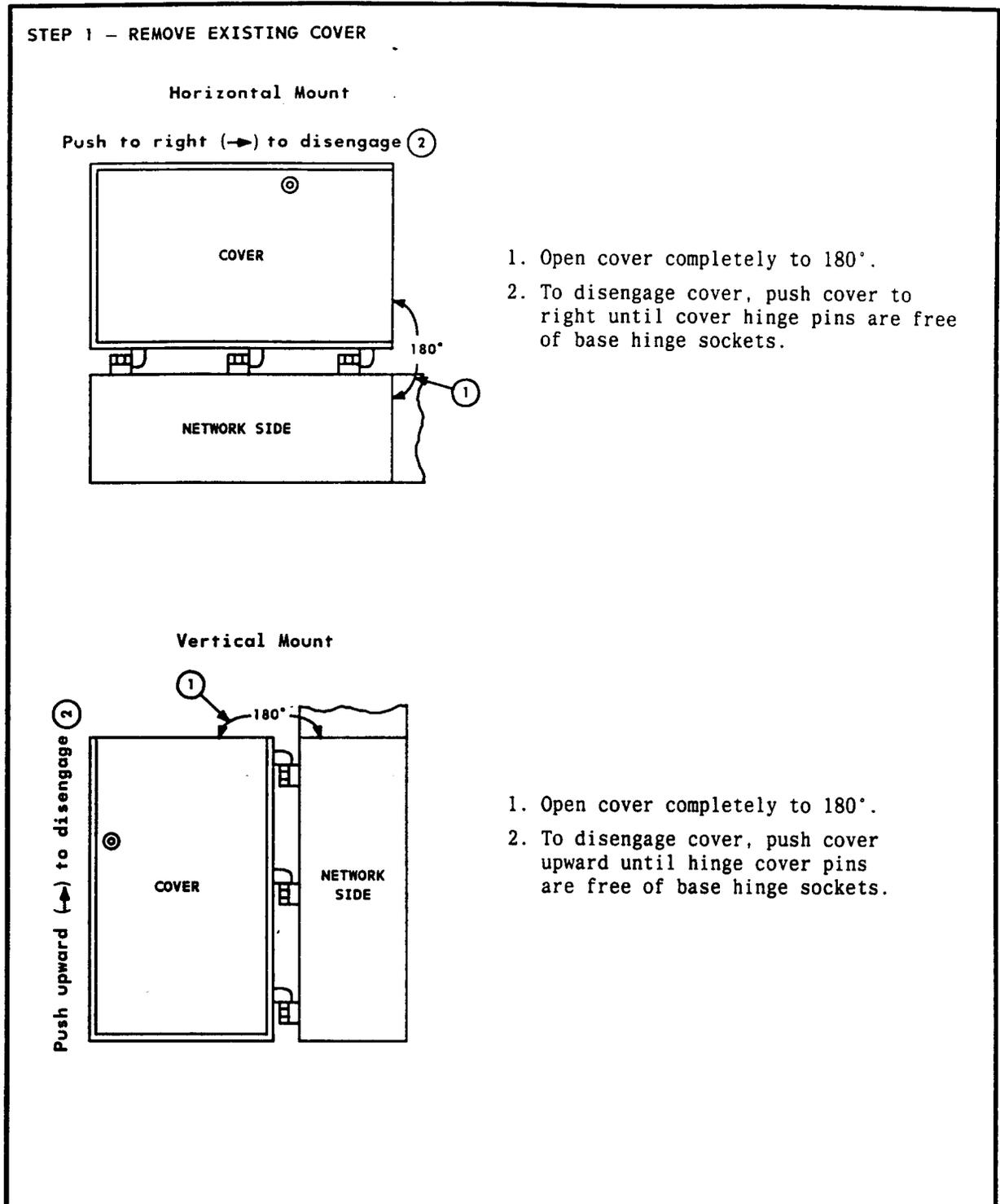


Fig. 25—Removing Existing Cover on Network Side of Unit

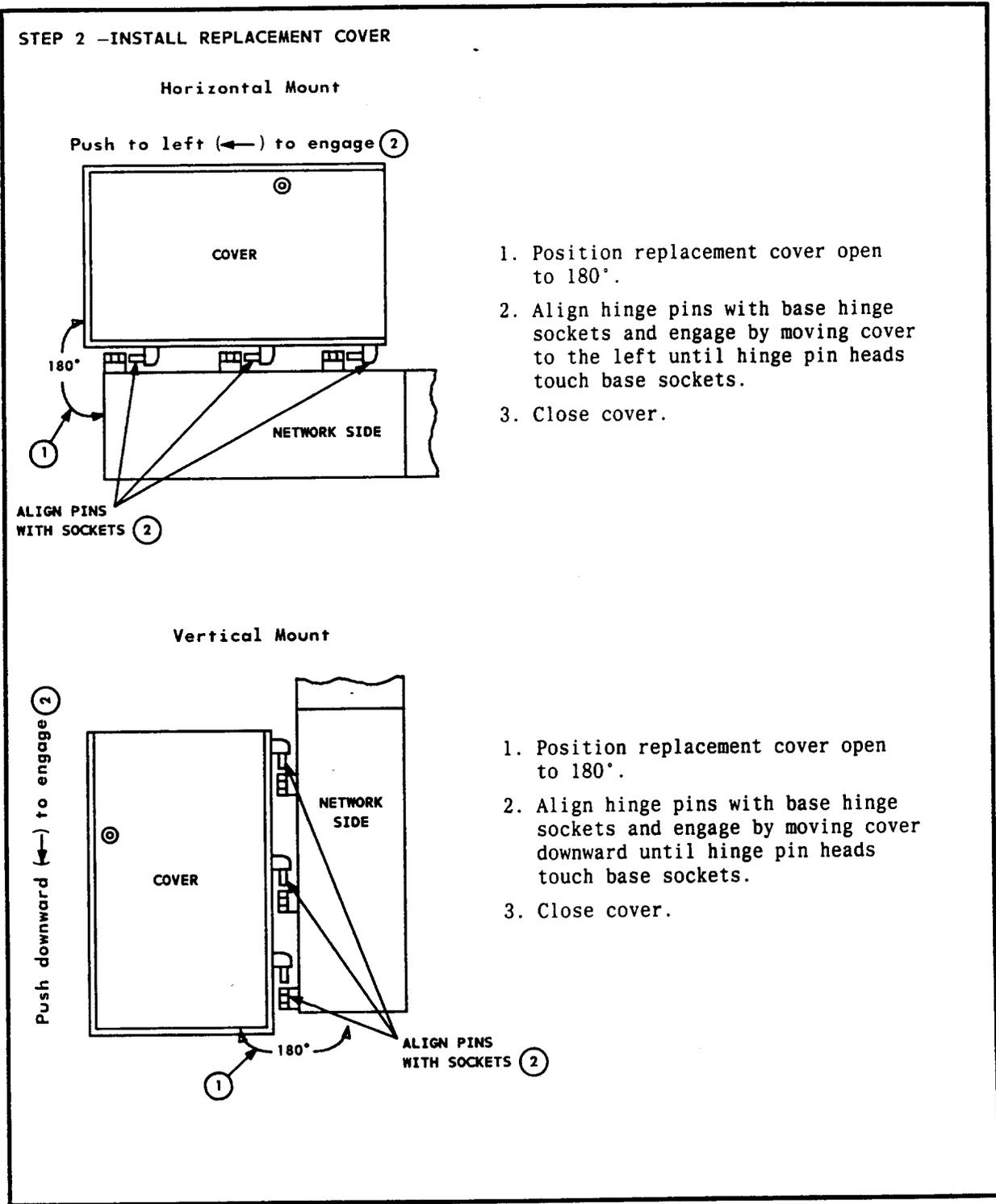
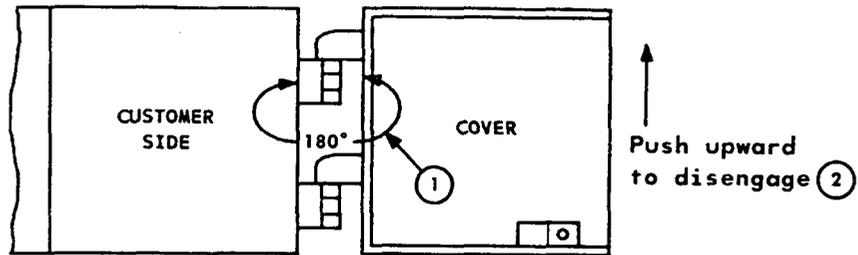


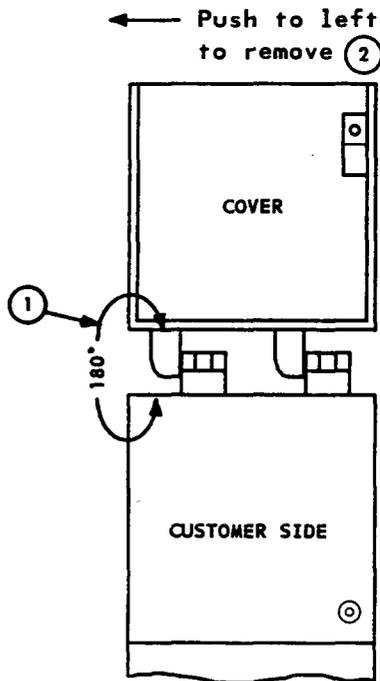
Fig. 26—Install Replacement Cover on Network Side of Unit

Horizontal Mount



1. Open cover completely to 180°.
2. To disengage cover, move cover upward until cover hinge pins are free of base hinge sockets.

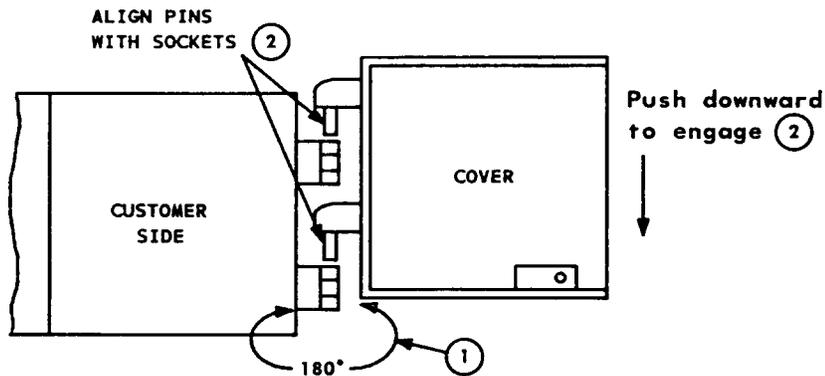
Vertical Mount



1. Open cover completely to 180°.
2. To disengage cover, push cover to the left until cover hinge pins are free of base hinge sockets.

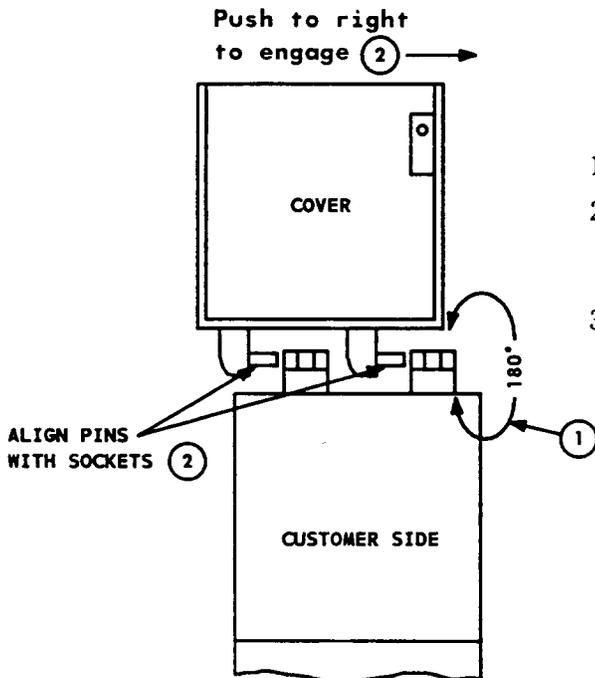
Fig. 27—Remove Existing Cover on Customer Side of Unit

Horizontal Mount



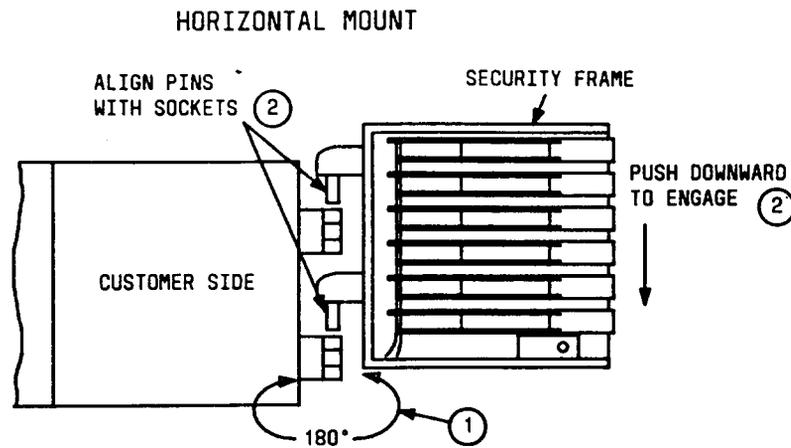
1. Position replacement cover open to 180°.
2. Align hinge pins with base hinge sockets and engage by moving cover downward until hinge pin heads touch base sockets.
3. Close cover.

Vertical Mount



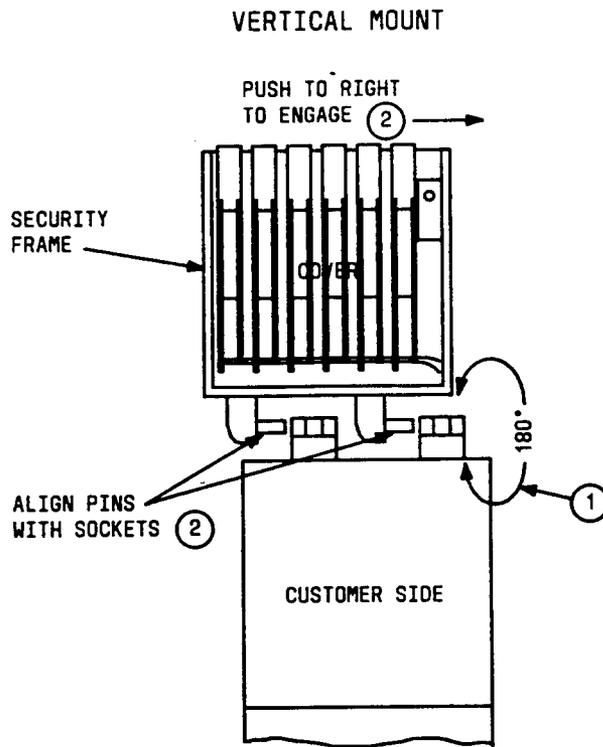
1. Position replacement cover open to 180°.
2. Align hinge pins with base hinge sockets and engage by moving cover to the right until hinge pin heads touch base sockets.
3. Close cover.

Fig. 28—►Installing Replacement Cover on Customer Side of Unit◄



1. Position security frame open to 180°.
2. Align hinge pins with base hinge sockets and engage by moving frame downward until hinge pin heads touch base sockets.
3. Swing security frame to closed position.

Fig. 29—▶Installing Security Frame — Horizontal Mount◀



1. Position security frame open to 180°.
2. Align hinge pins with base hinge sockets and engage by moving frame to the right until hinge pin heads touch base sockets.
3. Swing security frame to closed position.

Fig. 30—►Installing Security Frame — Vertical Mount◄

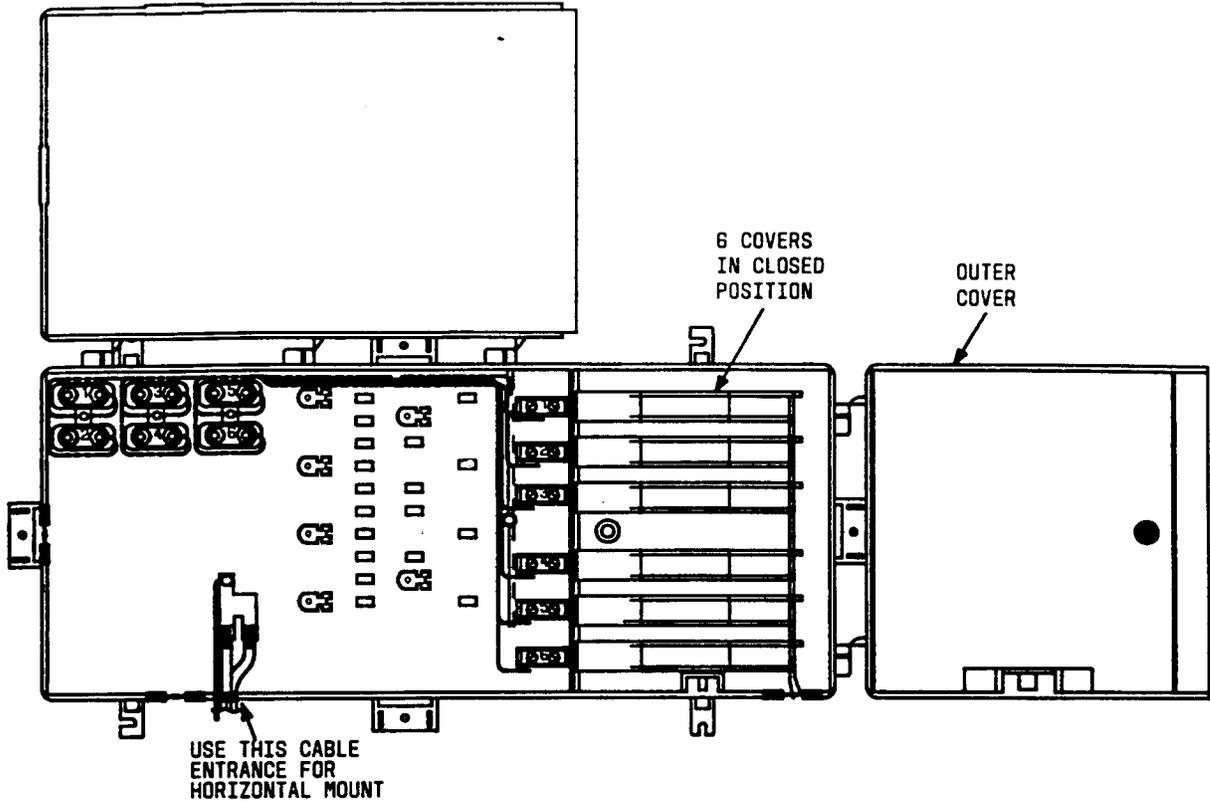


Fig. 31—►Swing Security Frame to a Closed Position◄

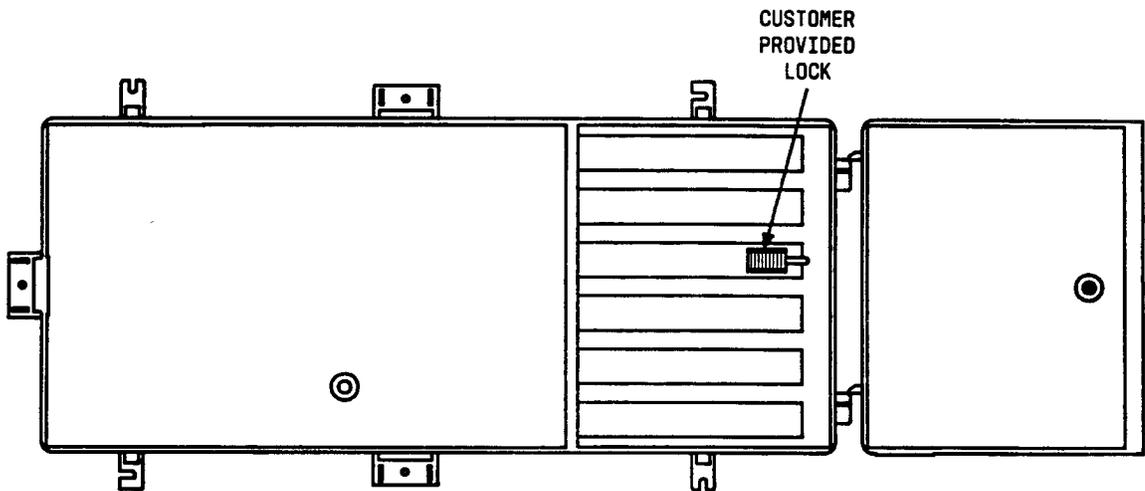
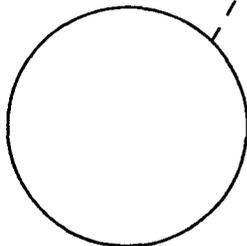


Fig. 32—►Installing Customer Lock(s)◄



**AN IMPORTANT NOTICE ABOUT YOUR TELEPHONE
THE 600-SERIES NETWORK INTERFACE UNIT**

The Federal Communications Commission requires that the telephone company provide each customer with a demarcation point to separate the telephone company and customer owned premises wiring.

We have installed the Network Interface as a demarcation point:

- Next to the power meter
- Other _____

INSTALLATION

- We have made your wiring connections to the Network Interface
 - You are required to make your wiring connections at the Network Interface.
- See back of card for detailed installation instructions.

REPAIR

- When testing is required, you will need to lift the customer access cover and follow the testing instructions.

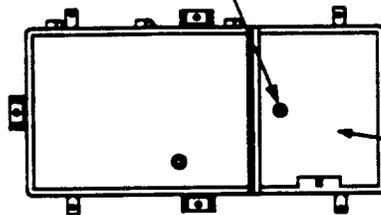
Issue 2
MARCH 1989

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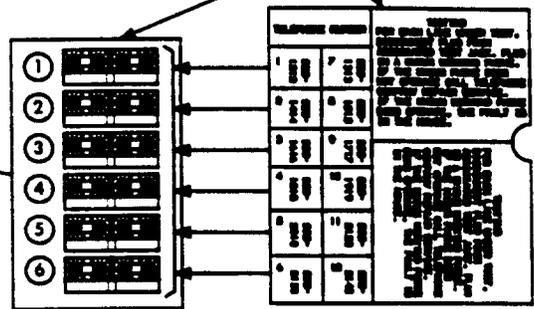
Fig. 33—Customer Orange Card (Front Side)

600-NIU CUSTOMER WIRING AND LOCKING INSTRUCTIONS

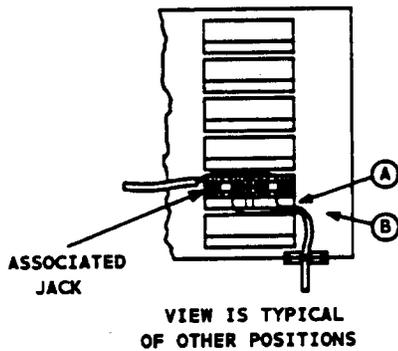
① OPEN OUTER COVER



② Locate your inner lockable cover corresponding to your telephone number

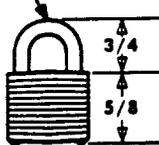


③ If you wish to add station wire

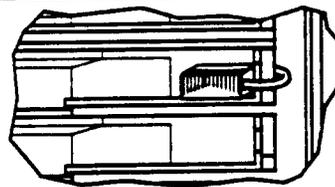


1. Open the inner cover for that position.
2. Route telephone wire thru grommet and up to and thru wire access Slot (A). Feed approx. 3 inches thru the slot.
3. Strip Red and Green leads of your telephone wire and connect to the screws of the matching color label.
4. Tuck excessive wire into wire area (B) near grommet.
5. Plug the associated jack in the modular plug.
6. Test the line. See instructions inside Network Interface
7. Close the inner cover.

1/8 DIA



LOCK CANNOT EXCEED THESE DIMENSIONS



④ Install your lock if desired.

⑤ Please help keep inside of unit clean and dry by closing outer cover after you finish your work

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Fig. 34—Customer Orange Card (Back Side)