

16-TYPE CABLE CLOSURES

DESCRIPTION AND INSTALLATION

1. GENERAL

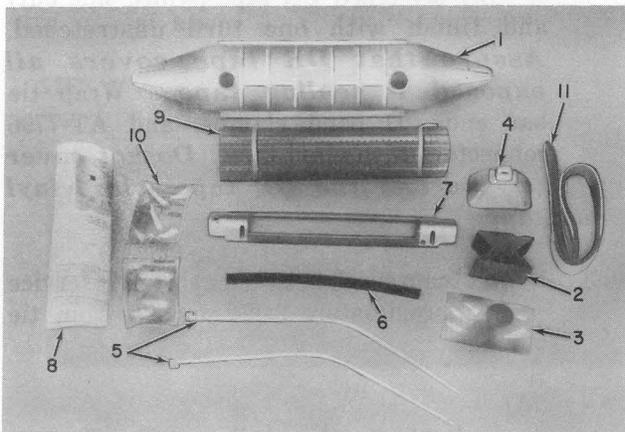
1.001 This addendum supplements Section 633-500-104, Issue 2. Place these pink sheets ahead of Page 1 of the section.

1.002 This addendum is issued to add installation procedures for the 16A1 closure. The 16A1 closure is retained from the original line of 16-type closures for use as a totally out-of-sight service wire closure because of its smaller size and lower encapsulant requirements.

2. CHANGES TO SECTION

2.001 The installation procedures for the 16A1 closure shall be added at the end of Section 633-500-104, Issue 2, as follows:

9. INSTALLATION PROCEDURES—16A1 CLOSURE TO HOUSE SERVICE WIRE CONNECTIONS

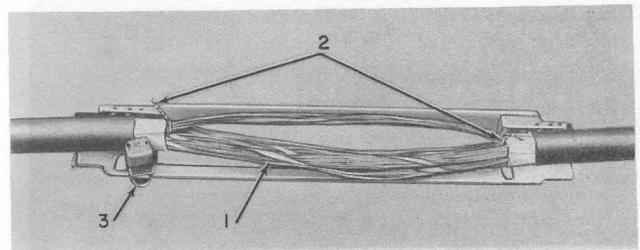


- | | |
|---------------|----------------------|
| 1. Cover | 7. Tie Bar |
| 2. Foam Block | 8. Instruction Sheet |
| 3. Plugs | 9. Corrugated Liner |
| 4. Funnel | 10. D Bond Clamps |
| 5. Cable Ties | 11. Foam Tape |
| 6. C Channels | |

Encapsulate with E (solid) or D (reenterable) encapsulant

9.01 This closure is used only as a terminal. The installation procedure described here isolates the spliced pairs from the cable core permitting better encapsulation of the connected pairs.

STEP 1



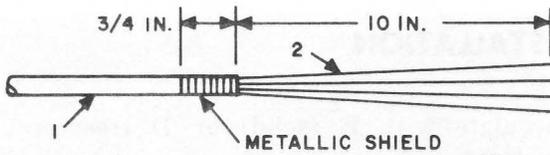
1. Make 10-inch sheath opening. Remove core wrap leaving 3/4-inch of core wrap at each end to protect conductors.
2. Install binder group identification ties in units containing assigned cable pairs, then remove unit binders. Install D bond clamps as outlined in Section 081-852-118. Using elongated holes in tie bar, attach tie bar to studs of bond clamps and secure with nut.
3. Install AT-7796 connector on tie bar.

Note: One AT-7796 connector can be installed on each end of the tie bar. Each connector will accommodate a maximum of three 2-pair or two 5-pair service wires. Where bonding to power company ground is required, connect No. 6 copper conductor to one of the AT-7796 connectors. This reduces service wire capacity by one wire. Prepare ground wire as shown in paragraph 6.02 of this Section. Remove enough insulation from ground wire so insulation does not extend into the closure.

NOTICE

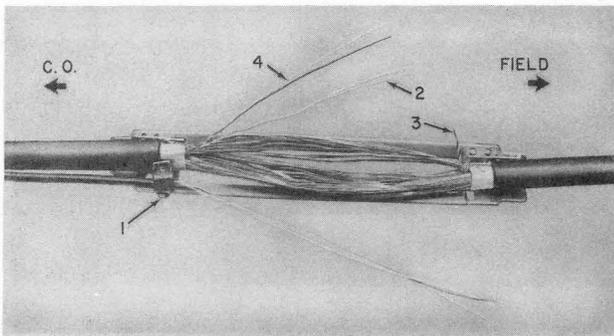
Not for use or disclosure outside the
Bell System except under written agreement

STEP 2



1. Prepare service wire as shown.
2. Remove filling compound from service wire conductors.

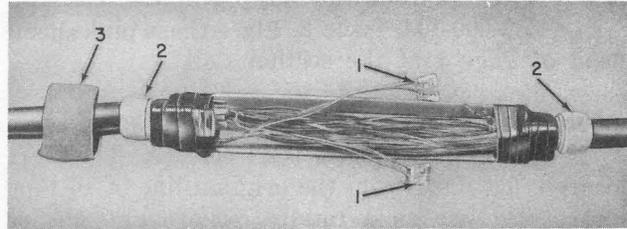
STEP 3



1. Install metallic shield of service wire in the AT-7796X connector.
2. Where the engineering work print calls for cutting the pair dead ahead, cut the cable pair to be spliced on the side of the opening away from CO leaving approximately 2 inches of conductor ends.
3. Twist the cable pairs on the field side of splice to maintain identity.

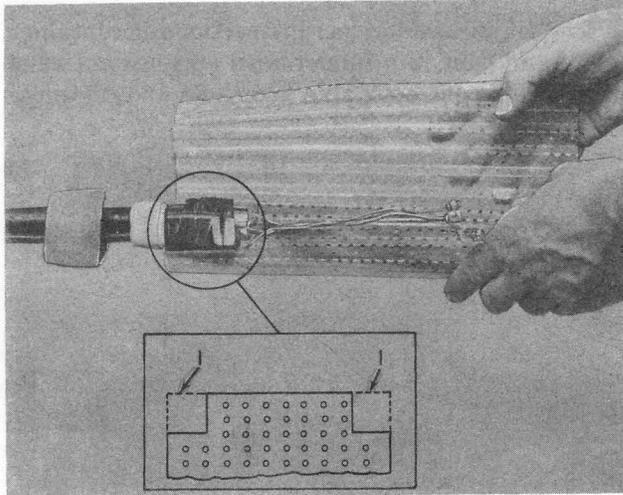
4. Thoroughly wipe the filling compound from cable pairs to be spliced. Cold weather may require solvent cleaning as outlined in Section 632-410-204.

STEP 4



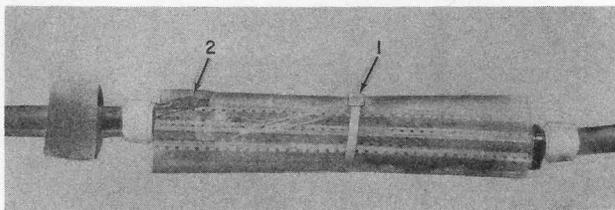
1. Splice the service wire to the cable pair using 700-type connectors. Do not use B wire connectors.
2. Scuff cable sheath adjacent to the end of the tie bar. Using one turn of 3/4-inch wide by 1/8-inch thick B sealing tape, form a collar 1/4-inch from the end of the tie bar. Wrap the collar with several turns of fully stretched DR tape (white side out) and finish with one turn unstretched. **Assure that DR tape covers all exposed B sealing tape.** Wrap tie bar ends, D bond clamps, and AT-7796 connectors with vinyl tape. **Do not cover any part of the DR tape with vinyl tape.**
3. Install foam block between cable and service wire approximately 2-1/2 inches from tie bar.

STEP 5



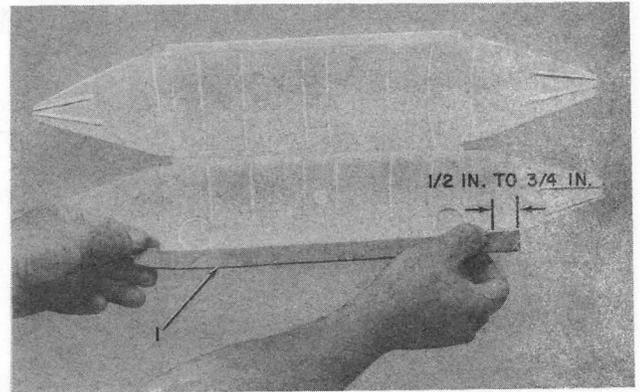
1. Cut corner(s) 2-1/2 inches by 2-1/2 inches from the liner so that service wire conductors can be placed between layers of liner to isolate splice from cable.
2. Place notched end(s) of liner over cable and complete wrap of tie bar. Assure spliced conductors are placed between layers of liner.

STEP 6



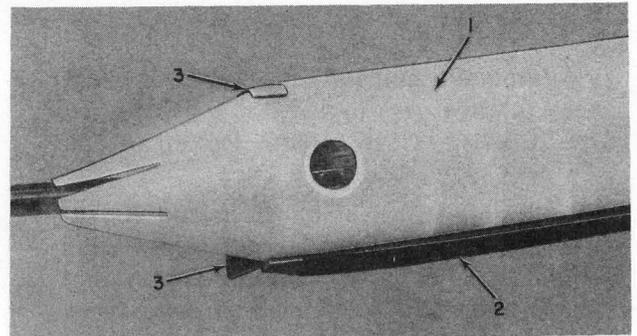
1. Secure liner with cable tie.
2. Cut a V notch on top of corrugated liner under filling hole locations to provide an unrestricted flow while encapsulating.

STEP 7



1. Remove the backing from one strip of foam tape and place flush with the inside edge of the closure opposite the hinge and extending about 1/2 to 3/4 of an inch past the flange area on each end.

STEP 8



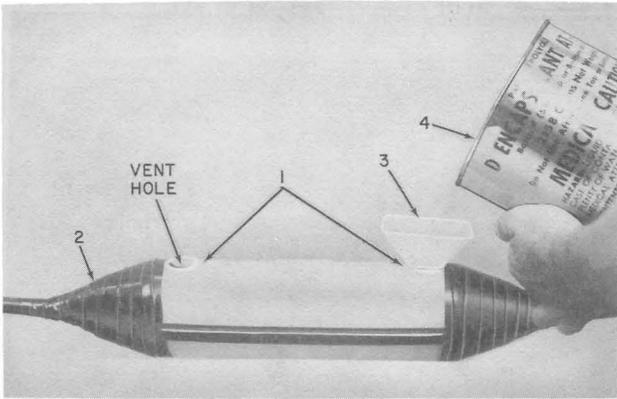
1. Place and center cover over completed splice.
2. Slide extruded plastic clamp on seam of closure to secure in closed position.
3. Cut four pieces of foam tape 2 inches long. Remove the backing and install over the ends of the closure.

NOTICE

Do not use or distribute outside the Bell System except under strict approval.

Printed in U.S.A.

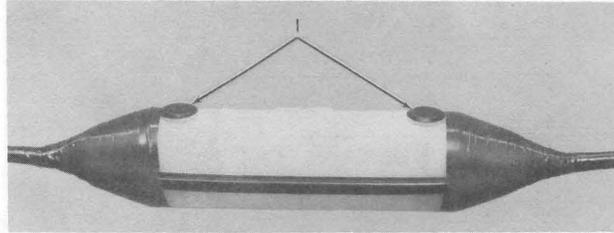
STEP 9



1. Assure filling holes are on the top of closure.
2. Wrap each nozzle with vinyl tape extending from edge of extruded clamp to cable sheath. Hold cover while wrapping to prevent movement and rotation about the splice.

3. Snap funnel in upper filling hole (if closure is not level).
4. Mix encapsulant per instructions on container and pour into funnel until encapsulant runs from vent hole; plug vent hole and complete pour.

STEP 10



1. Insert plugs in holes.