

C, D, AND E SERVICE WIRE CLOSURES

DESCRIPTION AND USE

BURIED SERVICE WIRE

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- 1. GENERAL**
- 1.01** This section covers the description and installation of the C, D, and E service wire closures.
- 1.02** Whenever this section is reissued, the reasons for reissue will be listed in this paragraph.

1.03 The service wire closures are used to enclose service wire splices (see Table A).

2. DESCRIPTION

2.01 The C, D, and E service wire closures (Fig. 1) consist of a plastic prefilled closure, a bond clamp, a twist-top cap for securing the spliced wires, and an instruction sheet.

2.02 The closure contains a reenterable encapsulant. The bond clamp provides both mechanical and electrical bonding of the wires. The twist-top cap is grooved for service wires. If the installed closure is subsequently removed for service wire maintenance and/or rearrangements, it should be discarded and a new closure should be installed.

**TABLE A
SERVICE WIRE CLOSURES
SIZE AND USE**

SERVICE WIRE CLOSURE	C	D	E
Length	5 in.	6 in.	5.4 in.
Diameter (Max)	1 in.	1.8 in.	1.5 in.
Weight (Max)	8 oz	12 oz	12 oz
Wire Groove Diameter (Max)	0.270 in.	0.60 in.	0.375 in
Splice Use	2 Pr C Service Wire AT-8545 (BSW-2/22-C) E Armored Service Wire AT-8776 (BSW-2/22-GRE)	Wire 0.40 — 0.60 in. Diameter	5 Pr C Service Wire AT-8545 (BSW-5/22-C) E Buried Wire AT-8483 (BDW-2/19-GRE) (BDW-1/19-GRE)

NOTICE

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

C, D, AND E SERVICE WIRE CLOSURES

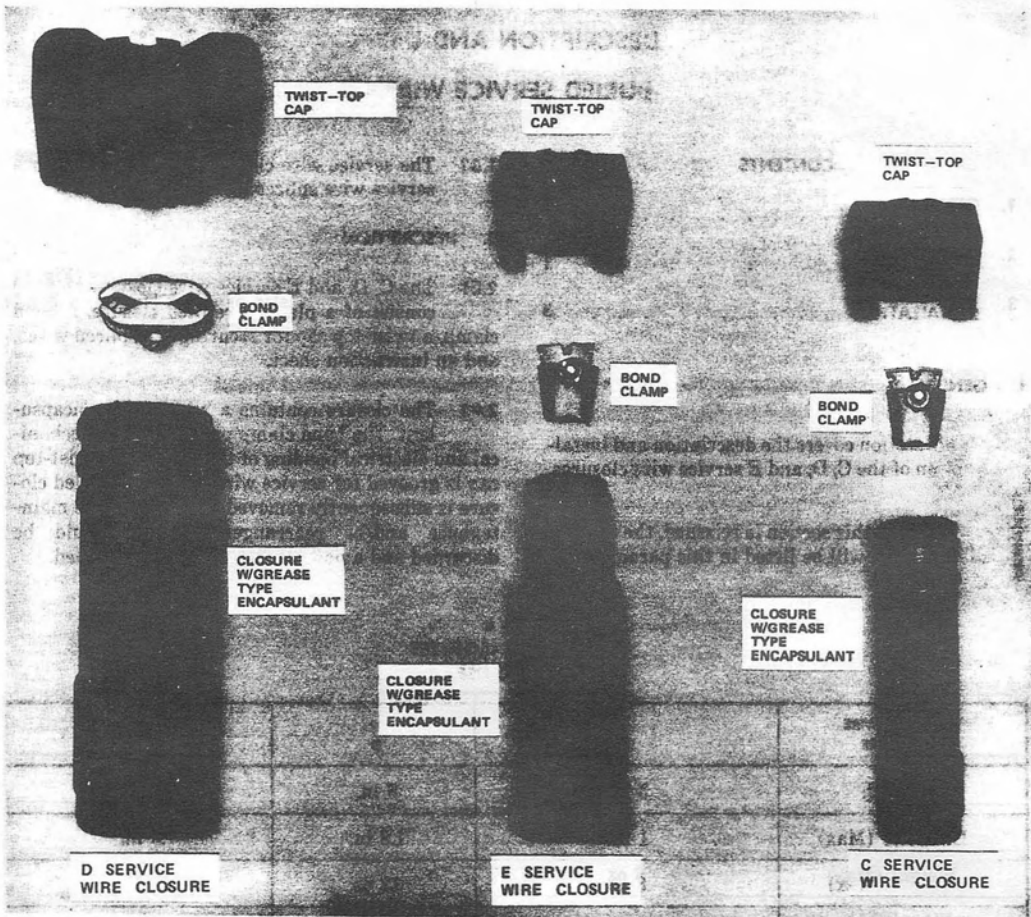


Fig. 1—C, D, and E Service Wire Closures

3. INSTALLATION

- 3.01** Prepare service wire as shown in Fig. 2.
- 3.02** Remove bond clamp and twist-top cap from plastic bag. Leave closure in other section of bag until ready for use.

- 3.03** Install bond clamp on service wire shield as illustrated in Fig. 3. Tighten the bond clamp securely.
- 3.04** Splice conductors using prefilled connectors. Stagger the connectors to fit into the closure.

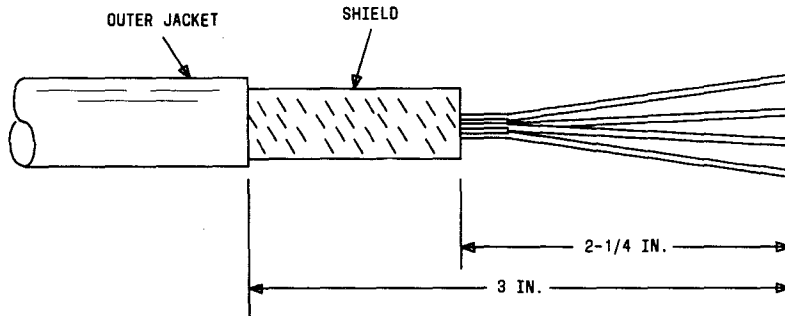


Fig. 2—Preparation of Wire for Service Wire Closures

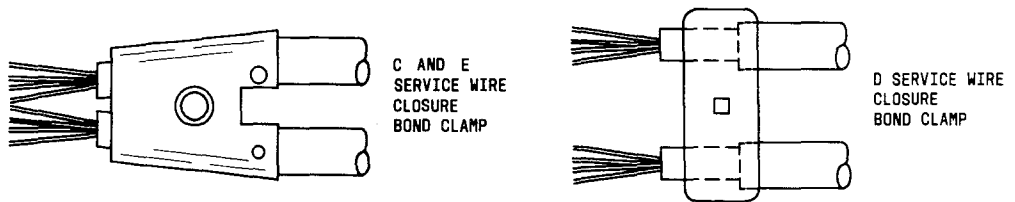


Fig. 3—Bond Clamp Installed on Service Wires

3.05 Insert service wires in the grooves of the twist-top and slide the top toward the bond clamp (Fig. 4).

0.040 inch od as received. For larger wire (up to 0.60 inch od), remove breakaway ridges as shown in Fig. 5.

Note: When using the D service wire closure, the twist-top grooves will accept wire up to

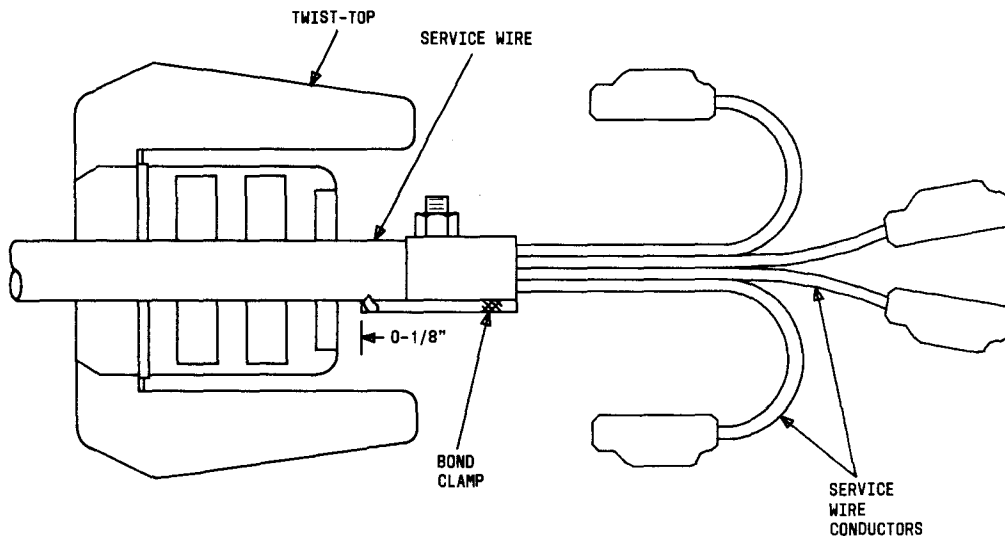


Fig. 4—Inserted Service Wires in Twist Top

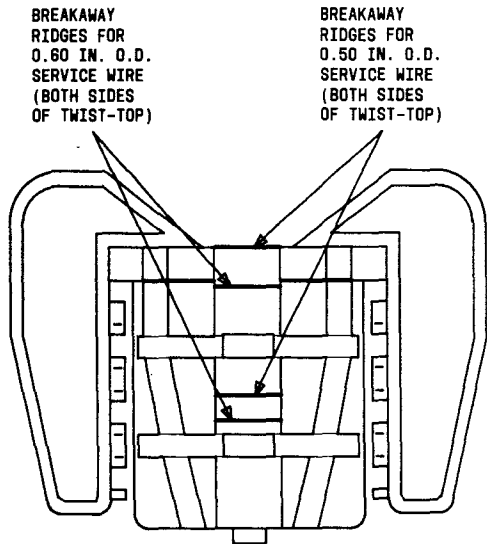


Fig. 5—Breakaway Ridges in Twist Top of D Service Wire Closure

3.06 Remove the filled closure from the plastic bag and insert splice and twist-top assembly into closure. Turn closure onto twist-top until the ridge around the top contacts the closure (Fig. 6). The splice may be buried immediately.

3.07 When reentering, use a new filled closure to replace the old one.

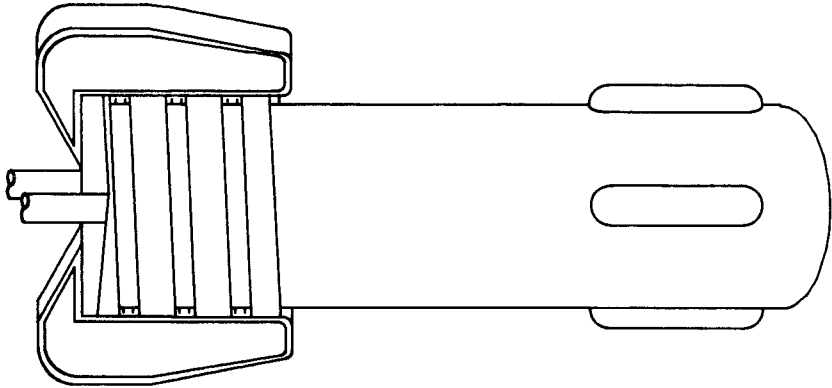


Fig. 6—Completed Installation