

**TOOLS**  
**D6 AND E6 DIAGONAL PLIERS (AT-7858)**  
**DESCRIPTION AND USE**

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**1. GENERAL**

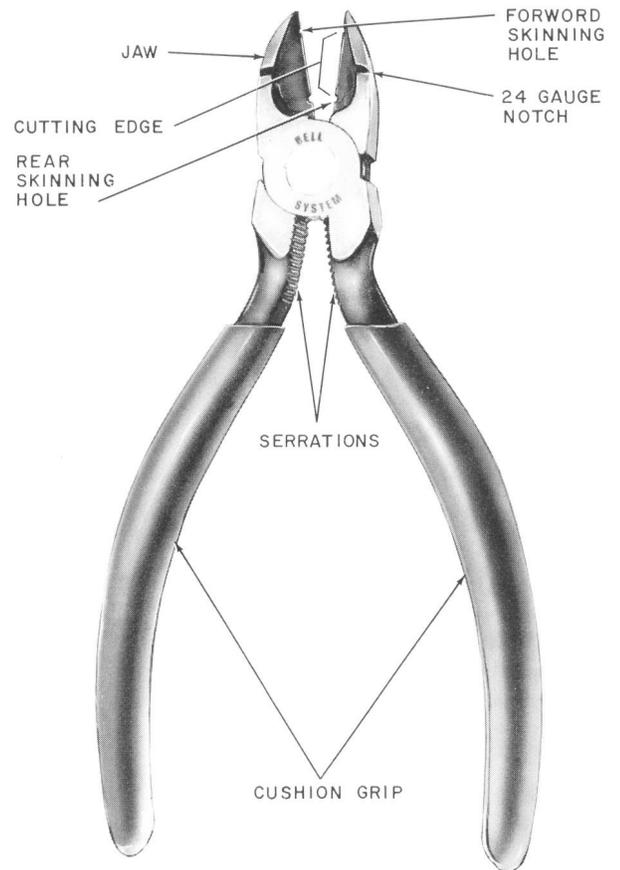
**1.01** This section describes the D6 and E6 (AT-7858) diagonal pliers and their use. The D6 and E6 diagonal pliers replace the B6 and C6 diagonal pliers which are rated Manufacture Discontinued (Mfr Disc.).

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

**2. DESCRIPTION**

**A. D Diagonal Pliers**

**2.01** The D diagonal pliers are approximately 6 inches long and are equipped with cushion grips on the handles, as shown in Fig. 1. The cutting edge of the D pliers is designed with two skinning holes. A 24-gauge notch is cut into the outside edge of each jaw. The inner surface of each handle is serrated approximately 5/8 inch and contains 20 to 24 serrations per inch.



**Fig. 1—D6 Diagonal Pliers**

**B. E Diagonal Pliers**

**2.02** The E diagonal pliers are basically the same design as the D pliers. However, there is the addition of an aluminum oxide insulation material on each jaw of the E diagonal pliers.

**NOTICE**

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

**SECTION 081-020-137**

**3. USE**

**3.01** The D diagonal pliers are used where each individual conductor is being prepared in an open area and the possibility of shorting other conductors or live contacts is not a problem.

**3.02** The E diagonal pliers with the aluminum oxide insulation on the jaws are used in confined areas where the possibility of causing temporary shorts or hits does exist. The aluminum oxide insulation provides some protection against circuit interruption.

**3.03** The small forward skinning hole of both the D and E diagonal pliers is properly sized to strip plastic insulation from 22-gauge conductors. The larger rear skinning hole is sized to strip plastic insulation from 19-gauge C or F drop wire.

**3.04** The 24-gauge notch on the outside edge of each jaw is designed to aid in stripping insulation from 24-gauge, inside wiring conductors such as F cross-connect wire and D station wire.

**3.05** The serration on each handle is designed to crush the insulation of C and F drop wire prior to stripping the insulation.

**4. ORDERING INFORMATION**

**4.01** Orders for diagonal pliers must be worded as follows:

***Order Wording***

Pliers, D6

Pliers, E6