

NEEDLE POINT TEST PICK

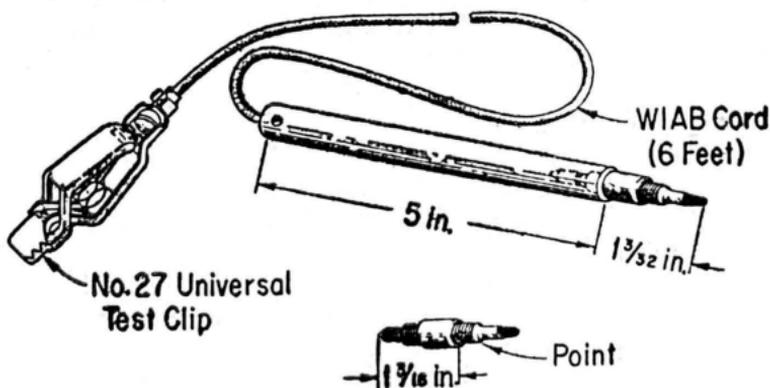
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1. GENERAL

1.01 This section describes the Needle Point Test Pick and the method of using it in identifying paper-insulated cable conductors.

2. DESCRIPTION

2.01 The Needle Point Test Pick is illustrated in the following sketch. The pick consists of a needle point, a fibre insulated metal handle, a 6-foot waterproof cord (W1AB Cord) and a No. 27 Universal Test Clip for making connection to the test set. One end of the reversible point has a conical tip for making contact with fuses or binding posts; the other end has a group of needle points soldered into it for piercing paper insulation and contacting the conductor. The threads adjacent to the conical tip permit making contact with 7A fuses, while the threads on the insulated handle permit holding contact on the terminal posts of 7A fuses as well as on some binding posts. Both ends of the point will screw into the end of the insulated handle.



2.02 **Safety Precautions:** When not in use, the point should be screwed into the handle with the needles projecting inward. This will avoid injury and prevent breakage of the needles.

2.03 The pick should not be used to identify plastic insulated conductors. Such conductors should generally be identified using a probe and amplifier where they can not be identified by the color code.

3. USE

3.01 Hold the conductor in the cable with one hand, spreading the wires of the pair, if necessary, and with the point pierce the insulation to contact the conductor. Use care in applying pressure to the point to prevent injuring the fingers.