CABLE SPLICING - GENERAL

POLYETHYLENE INSULATED CABLE

This Addendum to Section 632-410-200 is issued to provide an improved method for removing insulation from PIC cable conductors.

This new process is called the "pop" method because the insulation actually pops from the wire.

This Addendum also recommends the use of "E" Splicer's Scissors.

This new technique is illustrated using non-working conductors. The same principle can be applied to working conductors by removing insulation from individual wires.

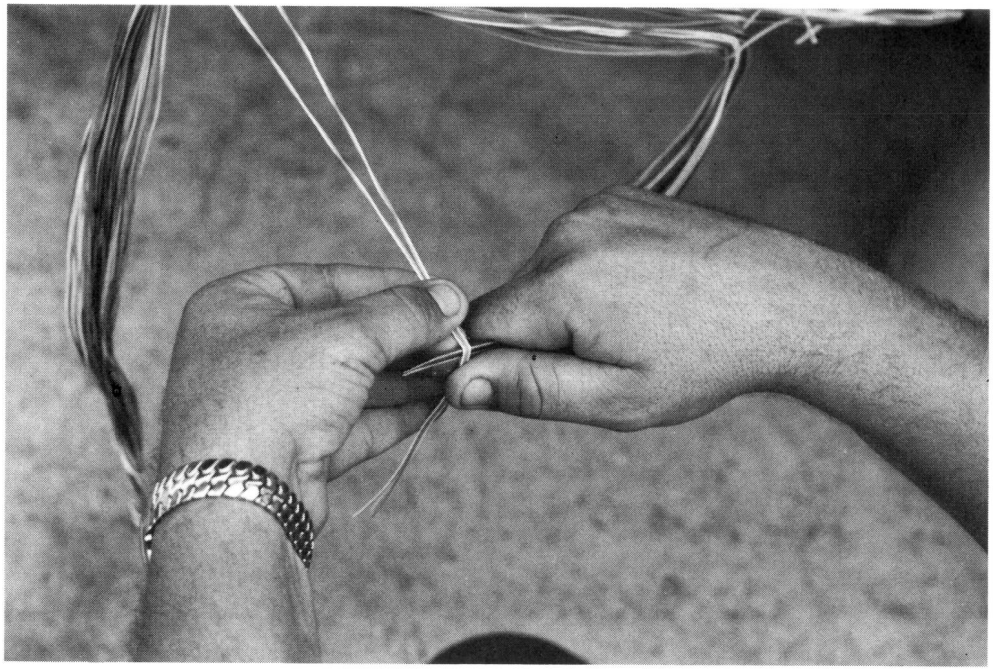
Replace Paragraph 8 of the main section with the following:

8. REMOVING INSULATION

8.01 Cable will be set up to make butt splice as outlined in Section 632-200-901.

Insulation can then be removed from the four conductors simultaneously with the "E" splicer's scissors as illustrated in the following step sequence.

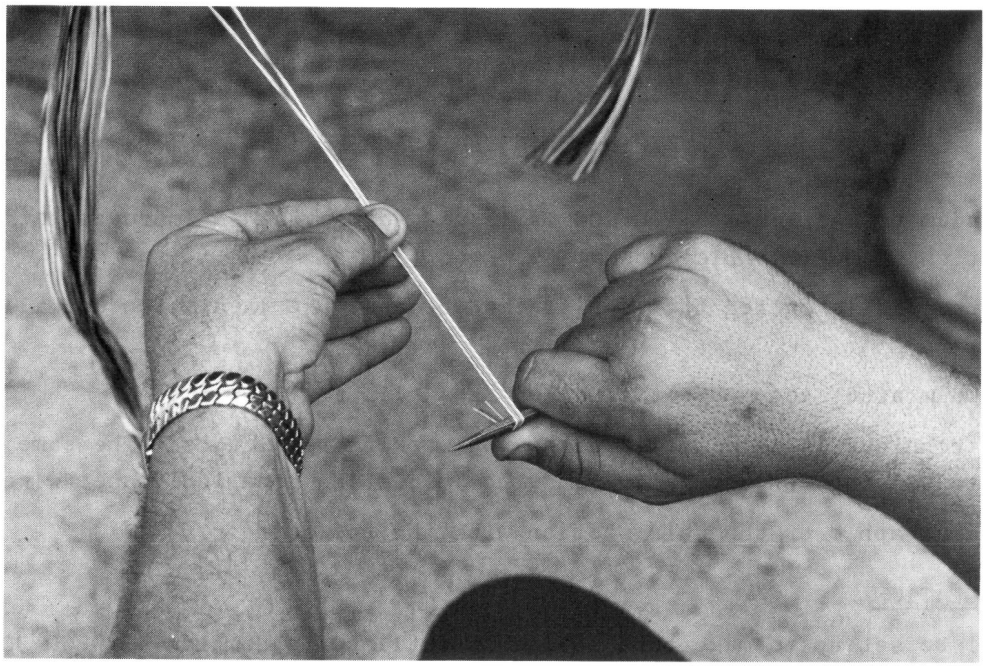
NOTE: Illustrations are for a right hand operation. The same method can be easily adapted for a left hand operation.



STEP #1

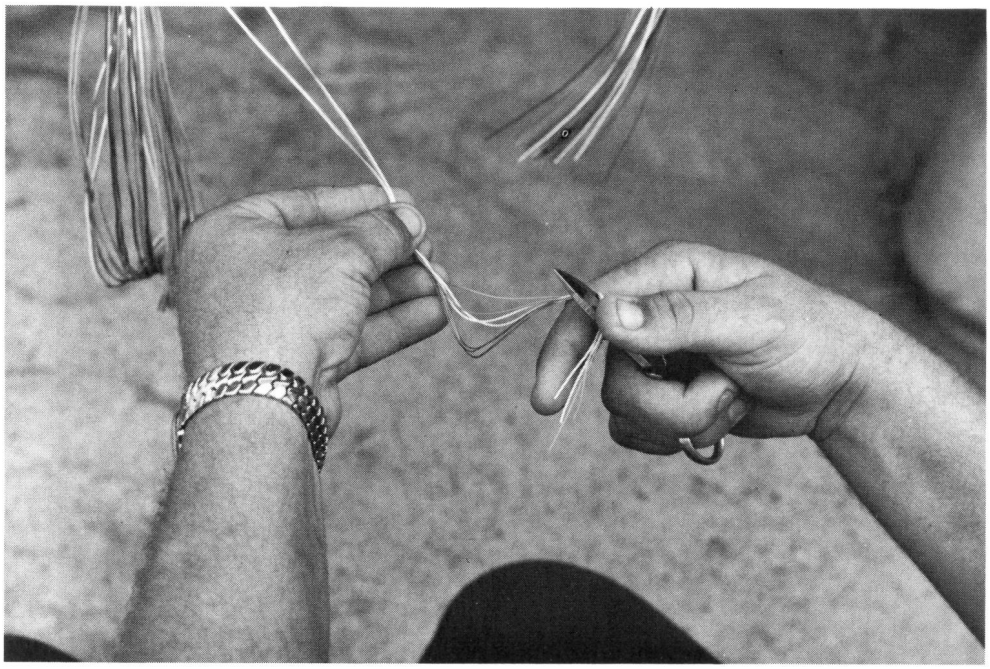
Place the four conductors over the top bevel of scissors, bending them downward at a 90° angle. Place thumb over the conductors at the lower edge of scissors. Left hand is positioned as a guide.

NOTE: Scissors must be held at a right angle to the conductors.



STEP #2

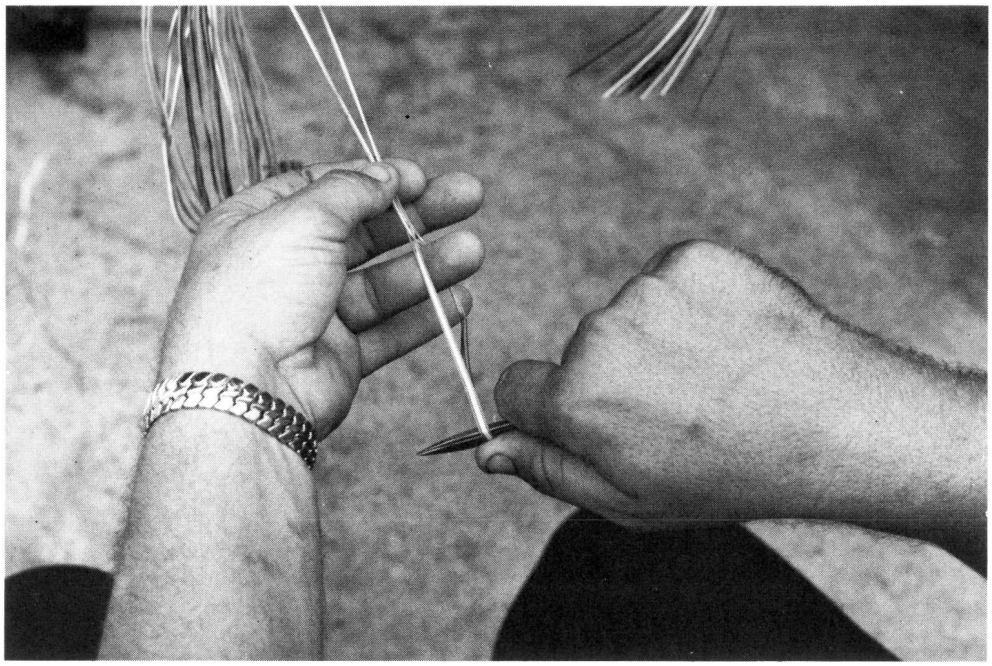
Apply equal pressure to all conductors with the thumb while drawing the top bevel of the scissors along the conductors approximately four (4") inches. The pull is against the tie rather than the left hand.



STEP #3

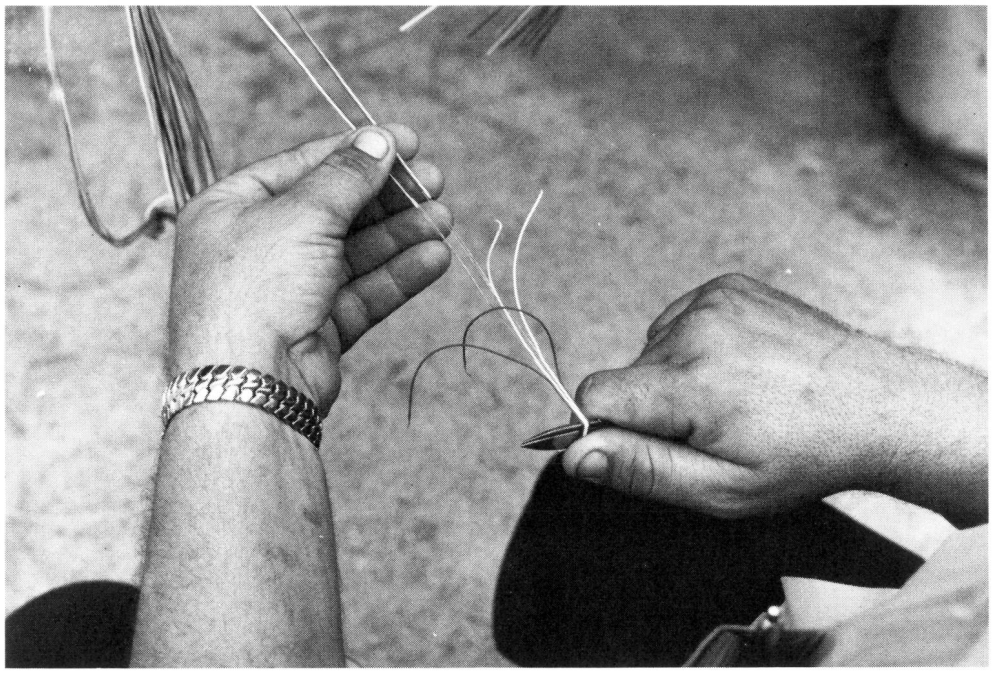
Rotate right hand one quarter (1/4) turn while pushing forward which will force conductors downward forming an elongated "U". Use right index finger to push conductors against fingers of left hand to form a sharp bend. This movement will pop the insulation from the wire and leave a space between the insulation and the wire.

NOTE: It may be necessary to flex the conductors two or three times to pop the insulation from the wire until the splicer has developed skill.



STEP #4

Place left ring finger in space between the insulation and the wire. Move left hand along conductors until left ring finger is in the angle formed between the insulation and the wire while pulling on conductors with the right hand.



STEP #5

Insulation will break clean at the point where pressure was first applied.