

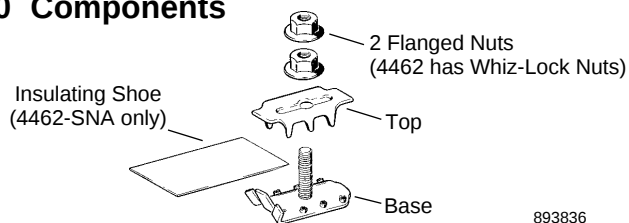
Scotchlok™ 4462, 4462-FN, 4462-SN and 4462-SNA Shield Connectors

Issue 2, August 1991
34-7030-6666-1

1.0 General

The Scotchlok™ 4462, 4462-FN, 4462-SN and 4462-SNA Shield Connectors are designed to make a stable, low resistance electrical connection between the shield of a communications cable and a conductor such as strap, bar, wire, or braid. The 4462 includes standard Whiz-Lock nuts. The 4462-FN includes flanged nuts. The 4462-SN has a longer stud and the nuts have been deepened. The 4462-SNA has the longer stud, deepened nuts and an insulating shoe.

2.0 Components



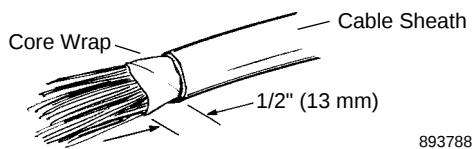
3.0 Tools Required

- Tabbng shears or sheath knife
- 3/8" Terminal Wrench

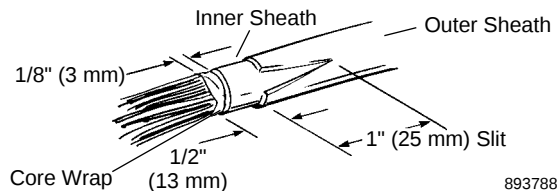
4.0 Cable Preparation

Note: For both single and double sheath cables, cut shield flush with the outer sheath.

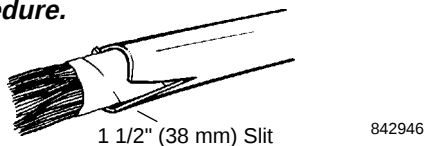
4.01 Single Sheath Cable



4.02 Double Sheath Cable



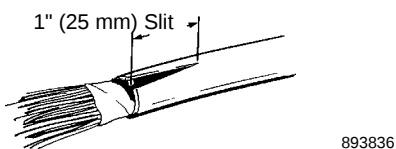
Note: On cables less than 3/4" (19 mm) in diameter, cut a 1 1/2" (38 mm) slit in the sheath opposite connector location. Then complete procedure.



4.03 When using the 4462-SNA on single sheath cable, insert the insulating shoe between the core wrap and shield.



4.04 Make a 1" (25 mm) slit in the outer sheath and shield. Lift corners for base insertion.



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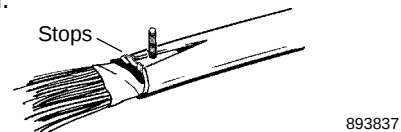
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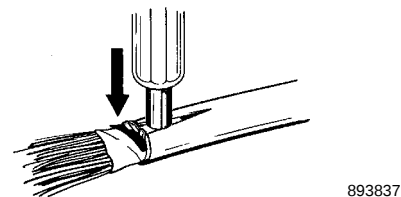
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5.0 Installation

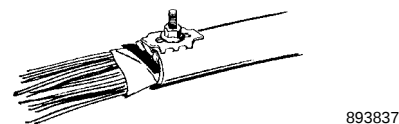
5.01 Insert connector base between shield and insulating shoe or core wrap; inner sheath for double sheath cable, until stops meet outer sheath.



5.02 Place terminal wrench over stud and push down to bend corners and pull slit together.



5.03 Place connector top over stud and tighten firmly with securing nut.



Note: Tail of base must contact connector top.

5.04 Place bond conductor (strap, bar, wire, or braid) over stud and secure in place with nut supplied.

