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# Instructions for installation and use of Scotchflex® Delta Hand Tool Kit 3710.

## General:

The 3710 Delta Hand Tool Kit is designed for assembly of all Scotchflex Delta Connectors in Pin and Socket versions. This handy portable tool is specially suited for prototype and field-repair applications. The Hand Tool Kit 3710 consists of Pistol Grip 3586-12, Assembly Head 3714 and Assembly Head Inserts 3722, 3724 and 3727. (fig. 1)

Table 1

Assembly Head Insert Part No.	For Assembly of Connector Type
3722	Delta Pin version 9 and 15 contacts
3724	Delta Pin version 25 and 37 contacts
3727	Delta Socket version All Pin Counts

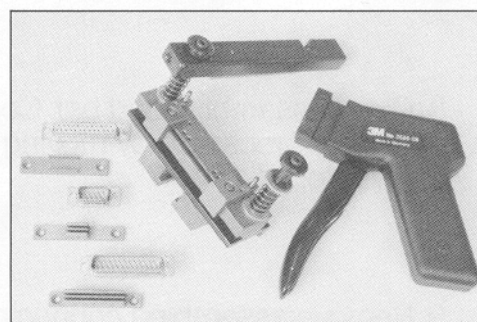


Fig. 1

## Set up:

Cut suitable cable length using Scotchflex Cable Shear 3320, 3437A or Scotchflex Cable Cutter 3382. (fig. 2)

Note: To prevent shorting of conductors, do not use scissors type device or knife to cut or trim the cable.

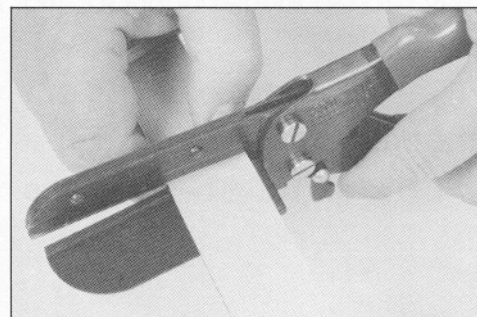


Fig. 2

2. Mount Assembly Head 3714 on the Pistol Grip 3586-12. The assembly head snaps into position. (fig. 3)

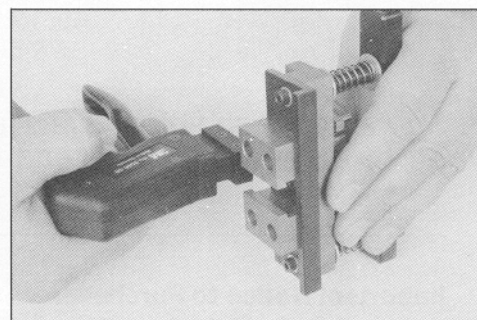


Fig. 3

3. Select appropriate assembly head insert for the connector version to be assembled. (table 1)

4. Fix assembly head insert on the assembly head with two mounting screws provided with the tool. Adjust positioning pins on assembly head to match the connector mounting holes. (fig 4)

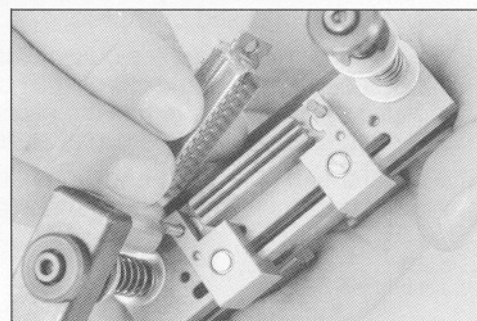


Fig. 4



5. Rub paper liner on connector cover for maximum adhesive transfer. Remove paper liner from the cover.

6. Use finger pressure to seat cable in the cover grooves. Check visually to ensure that cable is properly aligned and oriented with cover grooves.

7. Engage latch guides of the connector body to the cover subassembly. Use finger pressure to latch it in pre-assembly position. Open assembly head bar. Place connector cable assembly in the assembly head engaging the positioning pins. (fig. 5)

8. Close assembly head bar. Complete the assembly procedure by moving the pistol actuator to end stop. (fig. 6)

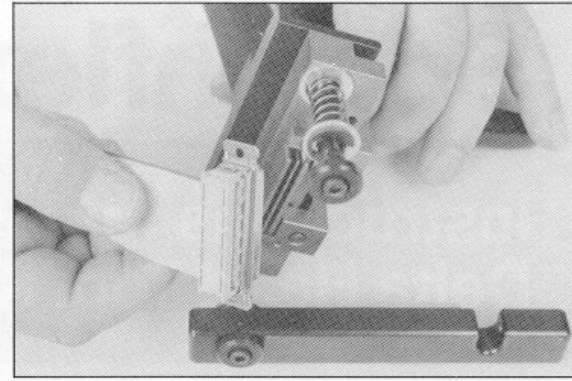
9. Remove assembled connector from the assembly head and visually inspect to ensure that the cover is latched to the connector. (fig. 7)

### **Strain Relief Attachment:**

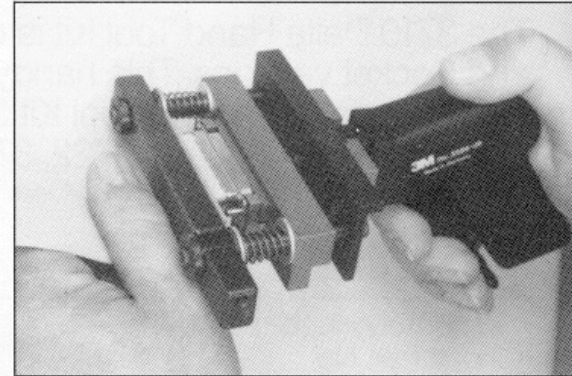
1. Fold the cable back over the connector cover.

2. Engage one end of the strain relief on one end of the connector.

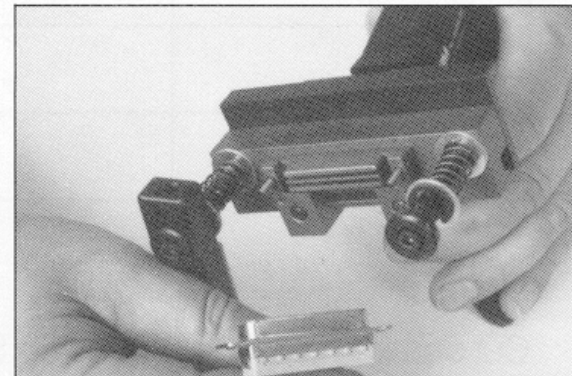
3. Snap other end of the strain relief into position on the opposite connector end. (fig. 8)



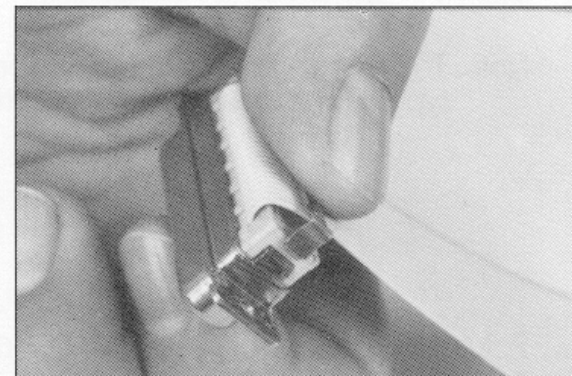
*Fig. 5*



*Fig. 6*



*Fig. 7*



*Fig. 8*

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