

Service Reference

Topic: Replacing and Repairing Quick Connect Housings and Contacts

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work or unpacking any further

Required Materials

- Please see the part number matrix for parts to order.

Required Tools

- Wire Cutter
- Standard Screwdriver
- Wire Stripper
- High Capacity Soldering Gun
- Tin Solder and Flux for Electrical Joint

Cable Leads have an Electrical Quick Connect for ease of service. Sometimes these are damaged and need to be repaired. If the red plastic housing is broken, begin with Step 3. If the entire quick connect is damaged, begin with Step 1.

1. **Remove the damaged housing.** Insert a screwdriver between contact and spring. (See Figure 1.) Twist to separate. Push contact of the rear housing with the screwdriver. (See Figure 2.)
2. **Prepare the cable end.** Cut away damaged cable with the wire cutter. Strip the insulation back 9/16".
3. **Attach the metal contact.** Place the metal contact over the stripped end of the cable and make a solder joint (See Figure 3.)

For more information see the original manual that came with the equipment or call UFSc at the phone number shown above

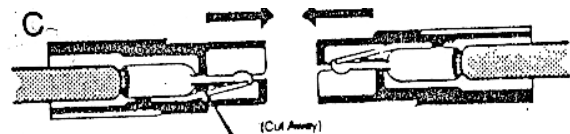


Figure 1

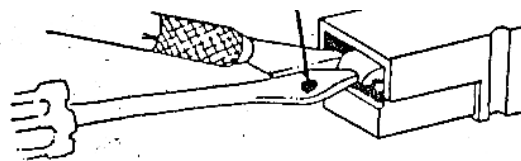


Figure 2

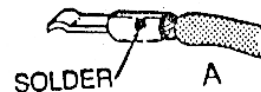


Figure 3