

# CABLE PREPARATION

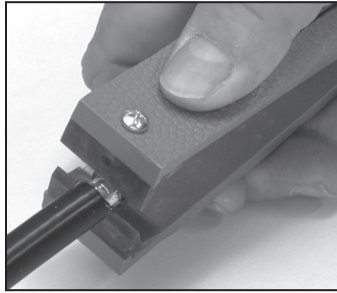


## Using the RFA-4420 "Cable Devil" Center Conductor Beveler and Cleaner

The Cable Devil® removes bonded dielectric and burrs that can damage a connector's seizing mechanism. This ergonomic tool eliminates need for making pyramid cuts. It comes with long-lasting reversible teeth. Follow this two-step procedure for beveling the center conductor and removing any residual dielectric from it.

### REMOVE THE BONDED DIELECTRIC WITH DEVIL® "TEETH"

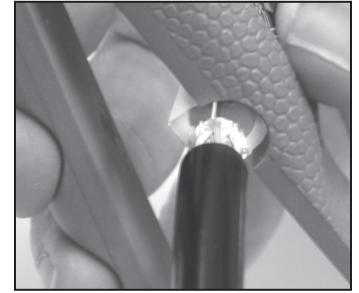
1. Grasp the center conductor with the teeth of the Devil® tool.
2. Rotate tool side-to-side to cut through foam dielectric.
3. Using short strokes and rotating the tool side-to-side, continue until dielectric builds up behind the teeth.
4. Keep rotating the tool side-to-side while pulling the tool in a downward motion until all dielectric is removed. Your cable is now prepped and ready for the connector.



### BEVEL CENTER CONDUCTOR

1. Insert the center conductor into the beveler part of the tool.
2. With light pressure rotate the tool back and forth three to five times.
3. Rotate tool 180° and repeat back and forth motion three to five times.

*NOTE: You are not trying to sharpen the center conductor. You are removing any outer burrs, which if left on may cause damage to the center connector.*



PLEASE NOTE: When Devil® teeth appear worn, use a Phillips head screwdriver to remove the teeth and flip the teeth so that the other side may be used. For replacement teeth for the Cable Devil® tool, simply call your Cable Devil® distributor for "Teeth" part number or ask for RF Industries part number RFA-4420-RB.

**CAUTION: As with any rotating equipment, eye protection must be worn at all times.**

## CRIMPING — Using the RFA-4009-20 Heavy-Duty Crimp Tool Handle and Die

### INSTALLING DIES

1. Align die halves so rail slot is on bottom. (Fig. 1)
2. Place dies over rail in crimp handle.
3. Push shanks of die set into holes in tool until they snap into place. There will be no gap between die body and tool body. (Fig. 2)
4. Close handle to verify that dies are properly seated.
5. Tool is now ready for use.

### PERMANENT DIE INSTALLATION (optional)

If you do not anticipate need for frequent die changes, you may wish to install die set with lock pins.

1. Install dies in crimp handle as described above.
2. Insert lock pins (supplied with die set) through holes and flush with outside surfaces in crimp handle. Push long pin through tool body and shorter pin through push rod. (Fig. 3)

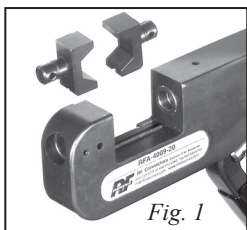


Fig. 1



Fig. 2

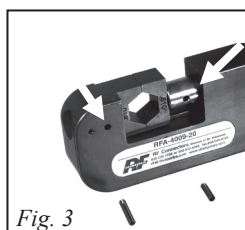


Fig. 3

### DIE REMOVAL

1. Remove upper die: With crimp handle open, place the die removal tool against the end of the front die and tap with a small hammer. (Fig. 4) The die will be released from the front die holder and can now be easily removed by hand.
2. Remove lower die: Close the crimp handle and slide the die removal tool between the die and tool body. (Fig. 5) Squeeze handle and release quickly with a snapping action. This will pull the die free and it can then be removed by hand. (Fig. 6)

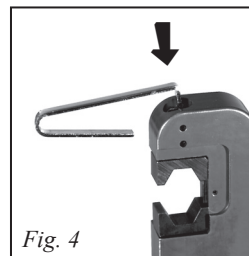


Fig. 4

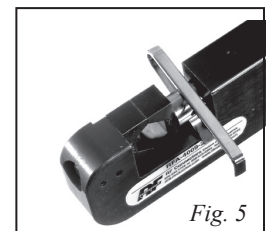


Fig. 5

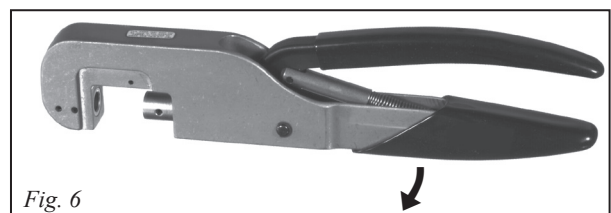


Fig. 6