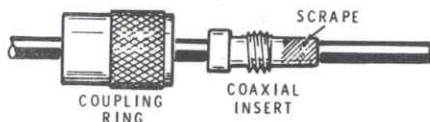# PROCEDURE FOR INSTALLING A COAXIAL PLUG ON RG-58 CABLE

Use the following procedure to install a coaxial plug and insert on the end of a length of RG-58 cable. NOTE: Always start with a cable that is a few inches longer than you need. This gives you some extra cable in the event the connector needs to be replaced at some later date.

1. Lightly sand or scrape the indicated area of the coaxial insert. Then slide the coupling ring and the insert onto the cable as shown. Be sure the coupling ring and the insert are on the cable before you proceed.

SCRAPE
COUPLING RING
COAXIAL INSERT

2. Cut the end of the cable off even. Then remove 3/8″ of the outer insulation. Do not be concerned at this time if you also cut off some of the shield wires.

3/8″
SHIELD WIRES

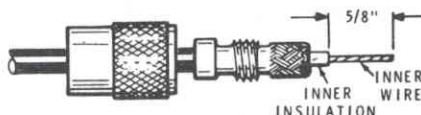3. Trim all the shield wires off even with the end of the outer insulation.

TRIM SHIELD OFF EVEN

4. Taking care not to nick the outer shield of wires, remove another 3/8″ of the outer insulation.
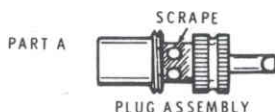

3/8″
SHIELD WIRES

5. Position the coaxial insert even with the end of the outer insulation. Then carefully fold the shield wires back until they are neatly against the coaxial insert. It is not necessary to unbraid the shield wires.
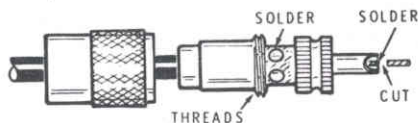

COAXIAL INSERT
SHIELD WIRES

6. Taking care not to nick the inner wire (or wires), remove 5/8″ of the inner insulation. NOTE: If your particular cable has more than one inner wire, twist them together tightly. Then melt a small amount of solder to their ends to hold them together.

5/8″
INNER WIRE
INNER INSULATION

7. Lightly sand or scrape the outside of the plug assembly in the area of the four holes. Then carefully screw the plug assembly onto the coaxial insert, while holding the insert so it doesn't turn.

PART A
SCRAPE
PLUG ASSEMBLY
PART B
COAXIAL INSERT
PLUG ASSEMBLY

8. Solder the plug assembly to the shield wires through each of the four holes. Be sure you do not get solder on the threads. NOTE: You will need plenty of heat to do this properly. Then solder the inner wire (or wires) to the plug assembly and cut off any excess wire end.

SOLDER
SOLDER
CUT
THREADS

9. When the assembly is cool, screw the coupling ring onto the assembly.