

The figures show the methods of installing the spring loaded connector on static bar cables. Figure 1 applies to black high voltage cable. Figure 2 applies to **BLUE** or **RED** high voltage cable. Different diameters of the cables and conductors require small variations in procedure. Where procedure varies, the steps are marked "**BLUE**" or "**BLACK**". Steps that are not marked apply to both. Follow the instructions which apply to your cable.

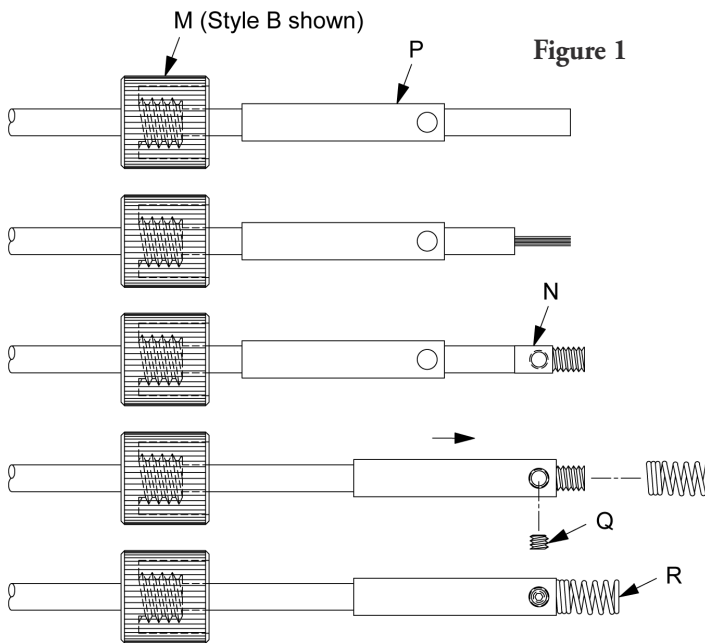


Figure 1

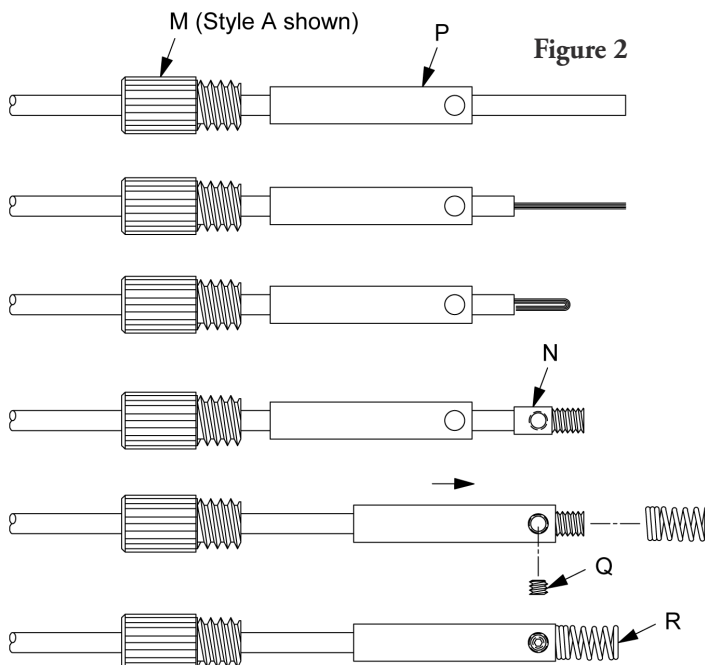


Figure 2

There are two styles of knurled plug (see Figure 3), one with threading on the end of the plug (Style A) and the other with the threading inside the plug (Style B). Both plug styles are interchangeable, and the style you receive depends upon the product you have purchased.

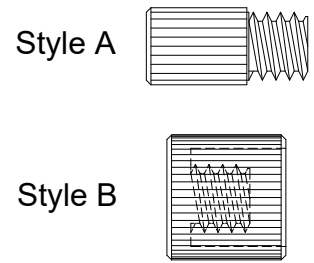


Figure 3

Your equipment may be supplied with a spring loaded connector already installed. If so, keep these instructions for use when ordering a replacement connector. If not, follow the instructions below.

1. Cut cable off at desired length. Slide knurled plug **M** over cable (with threads pointing toward the end of the cable).
2. Slide connector body **P** (end without set screw hole first) over cable.

NOTE: MEASURE CAREFULLY. ACCURACY IS IMPORTANT.

3. **BLACK** – strip 1/2" insulation off end of cable OR **BLUE** – Strip 1" insulation off end of cable.
4. Straighten copper conductor wire. **DO NOT TWIST.**
5. **BLUE** – Bend the conductor back against itself to form a double thickness 1/2" long.
6. Slide high voltage connector **N** over conductor until it butts against cable insulation. Be sure all strands of the conductor are inserted in the connector.
7. Slide connector body **P** over high voltage connector until hole in connector body lines up with set screw hole in the connector.
8. Insert set screw **Q** in connector through the hole in the connector body and tighten. Set screw should be flush with connector body **P**.
9. Pull firmly to be sure voltage connector **N** is tight on conductor.
10. Turn contact spring **R** – end with close turns, clockwise, by hand, onto high voltage connector **N** until spring butts against connector body **P**.
11. If an additional contact is needed on the power supply, remove a plug or cap from one of the other holes in the plastic receptacle. To remove plug or cap, jab a screwdriver with an insulated handle through center and pry off. If plug or cap has a screw slot, turn counterclockwise to remove.
12. Inset the connector into the hole and tighten the knurled plug. **FINGER TIGHTEN ONLY.**