

# ELECTROLINE

## ASSEMBLY INSTRUCTIONS

### MA3800A-Series Cast 2-Piece, Segmented Plug

Electroline Jacketed Kevlar® Rope Terminations qualified to 56W44-PR-8508. For use on 56W44-PR-8507 rope.

Electroline terminations have been used with ropes since 1933. The strength of the termination, ease of assembly, and the ability to inspect for proper termination, contribute to the continued acceptance of these fittings. Following these simple steps is your assurance of a durable installation. However, many factors determine the safety of any rope assembly. **PLEASE OBSERVE ALL USE AND CARE INSTRUCTIONS SUPPLIED WITH THE ROPE.**

#### RECOMMENDED TOOLS:

- Hammer
- Plug Driver
- Wrench
- Vice

**STEP 1:** With the sleeve secure in a soft-jaw vice, feed the rope end up through the sleeve and place the two plug halves around the rope. Ensure that the plug halves are even with each other and 1/2" to 3/4" of the rope extends past the plug. (Figure 1)

**STEP 2:** By hand, push the plug and cable into the sleeve. Ensure that the plug segments are equally spaced. (Figure 2)



Figure 1



Figure 2

**STEP 3:** The plug driver should be of wood or aluminum and have a recess to accommodate the end of the rope extending past the sleeve. Drive the plug, with a hammer or press to a solid seat. (Figure 3)



Figure 3

**STEP 4:** Thread the end cap (socket) onto the sleeve until it rests against the back of the plug to prohibit the “live” action of the plug from backing out of the sleeve. (Figure 4)

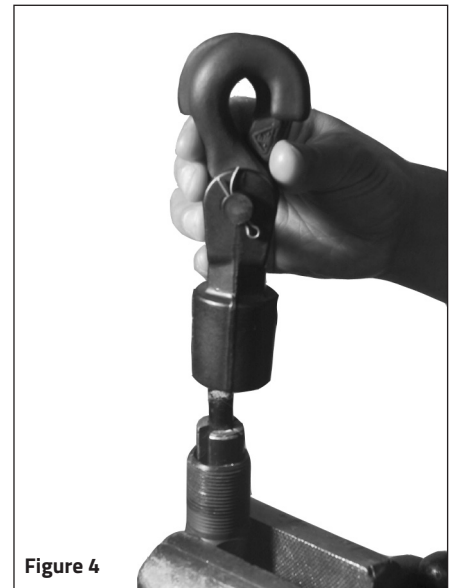


Figure 4

**STEP 5:** Secure the socket onto the sleeve with enough torque to prohibit loosening under vibration. (Figure 5)

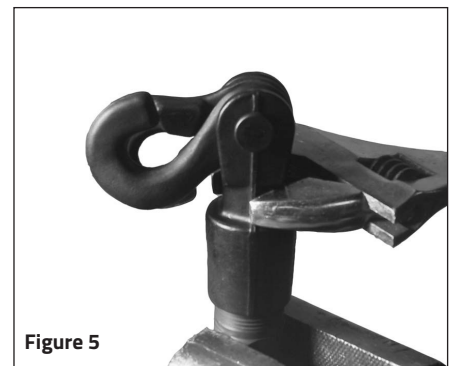


Figure 5

Most fittings are rated for 100% of EIP rope (for straight-line pull only). Please consult an Electroline sales associate or review the Electroline catalog for specification information. Rarely do applications require a fastening device (i.e. set-screw, Loctite®, lock-wire, etc.) to retain the sleeve in the socket. The socket can be removed from the sleeve at any time for inspection and will not affect the holding efficiency of the sleeve and plug. However, a new plug is necessary if the rope is re-terminated. Periodically inspect the socket for tightness.