

MK-1 Tip 007 - Securing manual Actuation Lever on MK-1 life preserver automatic inflator (Chemical Pill or CONAX (battery type))

The manual actuation lever on the automatic inflator for the MK-1 life preserver needs to be secured by an electrical copper shear wire to prevent inadvertent manual actuation of the inflator. The information provided below is to supplement and clarify the steps noted in the Maintenance Index Pages 5832/002 and 5832/014 for the MK-1 life preserver.

- a. Ensure work surface is clean and free from debris.
- b. Ensure actuation lever is in closed position against MK-1 inflator body. (Figure 1 and 2)



Figure 1. Actuation lever in open position



Figure 2. Actuation lever in closed position

- c. Cut a strand of electrical copper shear wire (NSN 6145-00-838-9444, SPMIG 03997). Pass the strand of the electrical copper shear wire through inflation assembly hole (Figure 3)



Copper Shear Wire (NSN 6145-00-838-9444)

Figure 3

d. With toggle line out of the way, twist the electrical copper shear wire 3 to 5 times to secure the lever (Figure 4). The number of twists is determined by counting the number of bumps in the twist. (Figure 5 shows 5 twists and 5 bumps. A thicker wire was used to illustrate the number of twists)



Figure 4

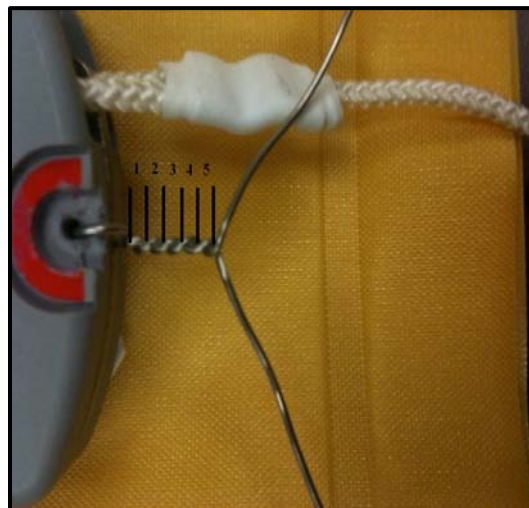


Figure 5

e. Trim excess electrical copper shear wire with cutting pliers (NSN 5110-00-935-0890, SPMIG 03881). See figure 6



Figure 6

f. Bend the electrical copper shear wire inward towards the actuation lever and away from bladder to prevent it from damaging the bladder or being a snag. (Figure 7)



Figure 7