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**INSTALLATION INSTRUCTIONS FOR MERL, INC. BATTERY PACK
P/N BP-1045 FOR EMERGENCY BEACON CORPORATION E. L. T. 's.**

1. Remove the ELT from its mount in the aircraft.
2. After unscrewing the four (4) screws, remove the rear cover.
3. Remove the two wire nuts which secure the connections between the wires from the battery and the wires from the ELT. Hold the wires in one hand and turn the nuts off counterclockwise. Remove the expired battery pack.
4. Remove the tape from the ends of the wires on the new battery pack, being careful to keep the wires separated. DO NOT allow bare red wire to touch bare black wire during any part of this replacement procedure! This will short circuit the battery and render it useless in the ELT.
5. Make sure that the ELT switch is in the "OFF" position. For 300 Series ELT's only: Place the switch in the "OFF-TEST" position for a moment and then return the toggle to the "ARM" position.
6. Insert the new battery pack in the same position as the expired unit was in before removal. Twist the end of the red wire from the transmitter onto the end of the red wire from the new battery pack. Screw the wire nut onto The twisted wire ends snugly but not too tight to cause it to strip. Test the integrity of the connection by giving the nut a slight pull. Next do the same for the black wire connection. CAUTION: Under no circumstances should there be more than 1/4" of insulation stripped from the wires. If questionable, measure and trim to just 1/4". If more than 1/4" is in evidence, the wire nut will not assure a waterproof seal. NOTE: For 300 Series ELT's (dual battery setup), twist the red wire ends of BOTH batteries together with the red wire from the transmitter; likewise connect both black wires from the batteries to the black wire from the transmitter.

CHECKLIST:

- a. Red wire to red •••••••• Black wire to black
- b. Insure there is NO bare wire showing at the wire nuts.
7. Re-install any plastic filler pieces in the same position they were in, IF THEY WERE USED INITIALLY. Replace the rear cover and four screws as removed in Step #2. Be careful not to overtighten the screws. If they strip, replace with the next larger size, 8-32 x 1/8" long.
8. Re-install the ELT in the aircraft.
9. Monitor the effectiveness of the transmitter by placing the switch in the "TEST" position and observing the light for blinking operation.
10. Attach the battery expiration date sticker to its proper place on the ELT and enter in the Airframe Logbook the date of installation of the new battery pack; also, the NEXT replacement date.
11. DO NOT DISCARD OLD BATTERIES IN FIRE!! Dispose of batteries as per current local environmental regulations.