



MERL, INC.

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INSTALLATION
INSTRUCTIONS
FOR MERL, INC.
BATTERY PACK
P/N BP-1015

IMPORTANT

If your Leigh Share 7 or Leigh-manufactured Cessna ELT was equipped with Lithium batteries, as indicated by a weight of 1.8 lbs. shown on the transmitter nameplate. There exists the possibility that the internal components of the transmitter have been damaged by leakage and/or venting highly corrosive gases from these outlawed power sources. We recommend that you send us your ELT for inspection and evaluation. A technician from our FAA Authorized Repair Station will contact you promptly and advise you of your unit's condition, repairs necessary, costs, etc...

To install MERL P/N BP-1015 in a Leigh Share 7 or Leigh-manufactured Cessna ELT originally equipped with ALKALINE batteries, as indicated by a weight of 2.3 lbs. shown on the transmitter nameplate, follow all steps below, omitting steps #4 and #5 a.

To install MERL P/N BP-1015 in a Leigh Share 7 or Leigh-manufactured Cessna ELT originally equipped with LITHIUM batteries, as indicated by a weight of 1.8 lbs. shown on the transmitter nameplate, follow all steps below.

INSTALLATION INSTRUCTIONS

1. Remove the ELT from its mounting bracket.
2. Remove the ELT cover by unscrewing the Phillips head fasteners.
3. Unfasten the halves of the connector and remove the old battery assembly.
4. Using diagonal cutting pliers, cut a "v" shaped notch in the separator wall around the pin which has two red wires soldered to it, and remove the pin from the wall, leaving the wires soldered to the pin. (See Page 2, 4)
 - a. Cover the pin and exposed wires with electrical tape for insulation. (See page 2, #4a)
5. Insert the new battery assembly.
 - a. Route necessary wires through the notch in the separator wall. (See page 2, 4)
 - b. Be careful not to stretch or pinch the wires which could break a connection or cause a short.
 - c. Refasten the connector halves.
6. Replace the ELT cover using the fasteners removed in step #2.
7. Stick the new placard to the ELT directly over the old expiration date placard.
8. Reinstall the ELT in its mounting bracket.
9. Monitor the operation of the ELT through a COM receiver tuned to 121.5 MHz.
10. Enter in the Airframe Log Book the date of installation of the new battery pack, as well as the NEXT replacement date.
11. DO NOT DISCARD OLD BATTERIES IN FIRE OR FLAME!!!

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