

**U.S. COAST GUARD  
ASSET COMPUTERIZED MAINTENANCE SYSTEM**

**RESCUE AND ASSISTANCE  
KB0040.0  
REV'D 09/30/14**

OPERATING ACTIVITY	MAINTENANCE ACCOMPLISHED			MAINTENANCE DUE		
	DATE			DATE		
	MO	DAY	YEAR	MO	DAY	YEAR
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**SERIAL NUMBER TRACKED ITEM-ALL INFORMATION REQUIRED**

ITEM 1	CMS CODE	ACTION	DESCRIPTION	CEINUM
<input type="checkbox"/> DUE	KB0042	INSP/ACCPT	406 PLB	RA-KB00-014

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REMARKS: \_\_\_\_\_  
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* ASTERISK INDICATES QA REQUIRED	QA								
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REFERENCES:  
[COMDTINST M10470.10 \(series\)](#) Rescue and Survival Systems Manual

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ASSET COMPUTERIZED MAINTENANCE SYSTEM

RESCUE AND ASSISTANCE

**KB0040.0**

REV'D 09/30/14

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**SERIAL NUMBER TRACKED ITEM-ALL INFORMATION REQUIRED**

ITEM 2 <input type="checkbox"/> DUE	CMS CODE	ACTION	DESCRIPTION	CEINUM
	KB0041	TEST	406 PLB	RA-KB00-014

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DISCREPANCIES FOUND: NO \_\_\_\_\_ YES \_\_\_\_\_

MAN HOURS: MK \_\_\_\_ DC \_\_\_\_ EM \_\_\_\_ ET \_\_\_\_ IT \_\_\_\_ GM \_\_\_\_ BM \_\_\_\_ FN \_\_\_\_ SN \_\_\_\_ ME \_\_\_\_ OTHER \_\_\_\_

REMARKS: \_\_\_\_\_  
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REFERENCES:  
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RESCUE AND ASSISTANCE

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**SERIAL NUMBER TRACKED ITEM-ALL INFORMATION REQUIRED**

ITEM 3	CMS CODE	ACTION	DESCRIPTION	CEINUM
<input type="checkbox"/> DUE	KB0040	REPORT	406 PLB RE-REGISTRATION	RA-KB00-014

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DISCREPANCIES FOUND:      NO \_\_\_\_\_      YES \_\_\_\_\_

MAN HOURS: MK \_\_\_\_ DC \_\_\_\_ EM \_\_\_\_ ET \_\_\_\_ IT \_\_\_\_ GM \_\_\_\_ **BM** \_\_\_\_ FN \_\_\_\_ SN \_\_\_\_ ME \_\_\_\_ OTHER \_\_\_\_

REMARKS: \_\_\_\_\_  
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TECHNICIAN'S SIGNATURE _____	TECHNICIAN'S ID _____
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REFERENCES:  
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RESCUE AND ASSISTANCE

**KB0040.0**

REV'D 09/30/14

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SERIAL NUMBER TRACKED ITEM-ALL INFORMATION REQUIRED

ITEM 4 <input type="checkbox"/> DUE	CMS CODE	ACTION	DESCRIPTION	CEINUM
	KB0054	REPLACE	406 PLB BATTERY	RA-KB00-014

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MAN HOURS: MK\_\_\_DC\_\_\_EM\_\_\_ET\_\_\_IT\_\_\_GM\_\_\_**BM**\_\_\_FN\_\_\_SN\_\_\_ME\_\_\_OTHER\_\_\_

REMARKS: \_\_\_\_\_  
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REFERENCES:  
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**1 406 PERSONAL LOCATOR BEACONS (PLB) INSP/ACCPT**

REFERENCES:

NONE

TOOLS/TEST EQUIPMENT:

NONE

EXPENDABLES:

Fastener Tape, Hook, P/N: A-A-55126, CAGE: 58536, NIIN: 010331734 (Or equivalent) (If required)

CONSUMABLES:

Marker Assortment, Tube Type, P/N: 63630, CAGE: 0X226, NIIN: 012074167 (Or equivalent)

**A TEST PLB**

*NOTE: Previously purchased McMurdo Fastfind 406 PLBs shall remain in service as long as they are serviceable. All new PLB procurements shall be for the ACR ResQLink PLB.*

1. Test PLB, (Refer to Steps [2 D 1.](#) through [2 D 3.](#)).

**B REGISTER PLB**

*NOTE: The primary means for beacon registration and update is the NOAA beacon registration database system <https://beaconregistration.noaa.gov/rgdb/>. Contact NOAA SARSAT Beacon Registration directly at (888) 212-7283 if any issues are encountered with electronic registration.*

1. Register PLB electronically (primary method).
  - a. Log into NOAA beacon registration database system: <https://beaconregistration.noaa.gov/rgdb/>.
  - b. Follow website instructions to access block account or create new registration.
  - c. Enter the 15 digit beacon ID number.
  - d. Use the unit's information for "Owner/Operator" fields.
  - e. Use the units corresponding Sector OPCEN, or parent command 24 hour contact information for the "Emergency Contact" fields.

*NOTE: Use manual registration method only if unable to register electronically.*

2. Register PLB manually (secondary method).

*NOTE: Official registration forms are available at <https://beaconregistration.noaa.gov/rgdb/forms.htm>.*

- a. Complete a 406 MHz EPIRB registration form, (Refer to [Form 1](#)).
  - b. Mail or fax registration form to address or fax number listed at the top of the form.
3. Retain the registration form and registration sticker in unit files for future reference.



**C ATTACH HOOK FASTENER TAPE/VELCRO STRAP**

*NOTE: ACR ResQLink PLB is shipped with a 1 1/2 x 14 inch Velcro strap which attaches to the PLB.*

1. Attach Velcro strap to ACR ResQLink PLB, (Refer to [Figure 1](#)).
2. Attach hook fastener tape to McMurdo Fastfind PLB.
  - a. Cut a 2 x 2 inch length of self adhesive hook fastener tape, P/N: A-A-55126.
  - b. Attach the hook fastener tape to the PLB battery cover 1/2-1 inch above the manufacturer's battery expiration date label, (Refer to [Figure 2](#)).

*NOTE: The second battery expiration date is applied as a redundant safety measure.*

- c. Mark the battery expiration date on the battery cover using marker, P/N: 63630.

**D ACCEPTANCE**

*NOTE: Use the manufacturer assigned 15 digit, unique beacon ID number as the serial number for the MPC sign-off. Do not use spaces or hyphens.*

1. Mark the PLB serial number on the MPC sign-off sheet for Item [1](#).
2. Assign the beacon a unit generated field number.
3. Mark the field number on the exterior of the PLB using marker.
4. Record maintenance action by completing appropriate sign-off, adding any pertinent remarks.



## 2 MONTHLY 406 PLB TEST

### REFERENCES:

MPC [S00056.0](#)

MPC [S00060.0](#)

### TOOLS/TEST EQUIPMENT:

NONE

### EXPENDABLES:

Lanyard Securing Tag, P/N: 85-758, CAGE: U0913, NIIN: 01HS24563 (If required)

Personal Locator Beacon, ACR ResQLink, P/N: 2881.52, CAGE: 18560, NIIN: 01HS21127 (If required)

Velcro Strap, ACR ResQLink PLB, P/N: 9532, CAGE: 18560, NIIN: N/A (If required)

### CONSUMABLES:

Marker Assortment, Tube Type, P/N: 63630, CAGE: 0X226, NIIN: 012074167 (Or equivalent) (If required)

## A INSPECT PLB (ALL VERSIONS)

1. Inspect PLB case for the following:

*NOTE: Surface scratches are acceptable. Any crack which affects the watertight integrity of the case requires that the PLB be removed from service.*

- a. Cracks.
- b. Damage.

2. Remove PLB from service if cracks or damage are noted.

*NOTE: Use the NOAA beacon registration database system <https://beaconregistration.noaa.gov/rgdb/> as the primary means of registering and updating beacon status. Contact NOAA SARSAT Beacon Registration directly at (888) 212-7283 for any issues encountered with the database system.*

- a. Deactivate PLB by changing beacon status to "Out of Service" via beacon registration database system.
- b. Send PLB to manufacturer's authorized facility for evaluation/repair.

*NOTE: Perform one of the below steps once PLB is repaired and returned, or determined to be non-repairable.*

- (1) Document PLB repair, (If required), (Comply with MPC [S00060.0](#)).
  - (a) Reactivate repaired PLB by updating the beacon status to "Normal" via beacon registration database system.
- (2) Scrap PLB, (If required), (Comply with MPC [S00056.0](#)).
  - (a) Change beacon status to "Destroyed", if PLB is not repairable via the beacon registration database system.

*NOTE: The only PLB authorized for new purchases is the ACR ResQLink.*

- (b) Replace PLB, P/N: 2881.52, (If required).



3. Wash the exterior using fresh tap water.
4. Wipe the PLB dry using a clean, dry cloth.
5. Skip to Step [2 C 1](#). if PLB is ACR ResQLink.

**B INSPECT MCMURDO FASTFIND/PLUS/MAX-G PLB**

1. Inspect lanyard securing tag for cracks or damage.
  - a. Replace lanyard securing tag, P/N: 85-758, (If required), (Refer to [Figure 3](#)).
2. Check battery expiration date markings on the back of the PLB battery cover.
  - a. Replace battery if expired or if it will expire within the next 60 days, (Comply with Item [4](#)).
  - b. Restore expiration date using marker, P/N: 63630, (If required), (Refer to [Figure 1](#)).
3. Check hook fastener tape installed on the battery cover for the following:
  - a. Wear.
  - b. Security of attachment.
4. Replace hook fastener tape, (If required), (Refer to Steps [1 C 2.a.](#) through [1 C 2.c.](#)).
5. Check legibility of field number marking on the PLB exterior.
  - a. Restore field number marking using marker, (If required).

**C INSPECT ACR RESQLINK PLB**

1. Inspect Velcro strap for the following:
  - a. Wear.
  - b. Security of attachment.
2. Replace Velcro strap, P/N: 9532, (If required), (Refer to [Figure 1](#)).
3. Inspect PLB for the following:
  - a. Cracks around screws or antenna.
  - b. Inspect for loose or unstable antenna.
4. Remove PLB from service for repair if any of the above discrepancies are noted, (Refer to Steps [2 A 2.a.](#) through [2 A 2.b.\(2\)\(b\)](#)).

**D TEST PLB**

1. Test PLB.
  - a. Test McMurdo Fastfind/Fastfind Plus/Max-G PLB, (Refer to [Figure 4](#)).
  - b. Test ACR ResQLink PLB, (Refer to [Figure 5](#)).
2. Attempt test procedures again if PLB fails test.
3. Remove PLB from service for repair if it fails re-test, (Refer to Step [2 A 2.a.](#) through [2 A 2.b.\(2\)\(b\)](#)).
4. Record maintenance action by completing appropriate sign-off, adding any pertinent remarks.



**3 BIENNIAL 406 PLB RE-REGISTRATION REPORT**

REFERENCES:

NONE

TOOLS/TEST EQUIPMENT:

NONE

EXPENDABLES:

NONE

CONSUMABLES:

NONE

**A RE-REGISTER PLB**

*NOTE: Use the NOAA beacon registration database system <https://beaconregistration.noaa.gov/rgdb/> as the primary means of registering and updating beacon status. Contact NOAA SARSAT Beacon Registration directly at (888) 212-7283 for any issues encountered with the database system.*

1. Re-register PLB electronically (primary method).
  - a. Log into NOAA beacon registration database system: [www.beaconregistration.noaa.gov](http://www.beaconregistration.noaa.gov).
  - b. Tag the PLB which is due for renewal.
  - c. Click the "Update Beacon" button to verify/update information.
  - d. Update any information which is outdated or incorrect.
  - e. Select "UPDATE" after all information is verified or updated.
  - f. Click the "Renew Registration" button to complete renewal.

*NOTE: Use manual registration method only if unable to register electronically.*

2. Re-register PLB manually (secondary method).

*NOTE: Official registration forms are available at <https://beaconregistration.noaa.gov/rgdb/forms.htm>.*

- a. Complete a 406 MHz EPIRB registration form, (Refer to [Form 1](#)).
  - b. Mail or fax registration form to address or fax number listed at the top of the form.
3. Retain the registration form and registration sticker in unit files for future reference.
4. Retain the new registration form and sticker in unit files for future reference when received.
5. Record maintenance action by completing appropriate sign-off, adding any pertinent remarks.



**4 5 YEAR 406 PLB BATTERY REPLACE**

REFERENCES:

NONE

TOOLS/TEST EQUIPMENT:

Torque Screwdriver, P/N: B107.300, CAGE: 05047, NIIN: 009430941 (Or equivalent) (If required)

EXPENDABLES:

Battery Replacement Kit (Selected):

McMurdo Fastfind/Plus/Max-G, P/N: 85-763-020A, CAGE: U0913, NIIN: 01HS24564

ACR ResQLink, P/N: 1103.52, CAGE: 18560, NIIN: N/A

CONSUMABLES:

Isopropyl Rubbing Alcohol, USP, P/N: NDC00574-0067-16, CAGE: 55763,  
NIIN: 006558366 (Or equivalent) (If required)

Marker Assortment, Tube Type, P/N: 63630, CAGE: 0X226, NIIN: 012074167 (Or equivalent)

**A PRELIMINARY STEPS**

**WARNING**

**VARIOUS STEPS IN THIS PROCEDURE EMPLOY ITEMS ON THE HAZARDOUS MATERIALS LIST. BEFORE EXECUTING THIS MPC, REFER TO THE APPLICABLE MSDS/SDS FOR FULL SAFETY AND HANDLING PROCEDURES.**

1. Determine if PLB version is McMurdo Fastfind or ACR ResQLink.
2. Proceed to Step [4 B 1.](#) for McMurdo PLB battery replacement.
3. Proceed to Step [4 C 1.](#) for ACR ResQLink PLB battery replacement.

**B REPLACE MCMURDO FASTFIND/PLUS/MAX-G PLB BATTERY, (REFER TO [Figure 6](#))**

**WARNING**

**LITHIUM BATTERIES CONTAIN HAZARDOUS MATERIAL AND ARE REACTIVE MATERIALS. HANDLE IAW SPECIFIC SAFETY PRECAUTIONS CONCERNING LITHIUM BATTERIES OUTLINED IN NAVSEAINST 9310.1B. FAILURE TO COMPLY MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**

1. Remove battery retaining screw.
2. Remove battery.
3. Remove lanyard securing tag.
4. Remove case screw o-rings.
  - a. Discard o-rings.
5. Inspect battery pins for damage.
  - a. Remove PLB from service for repair, if pin damage is noted, (Refer to Steps [2 A 2.a.](#) through [2 A 2.b.\(2\)\(b\)](#)).
6. Install new o-rings (contained in battery replacement kit, P/N: 85-763-020A), over battery pins.
7. Set lanyard securing tag into place.



8. Install new battery.
9. Install battery retaining screw (contained in battery replacement kit) hand tight.
  - a. Torque screw to 36 in-oz using a torque screwdriver, P/N: B107.300.
10. Test PLB, (Refer to [Figure 4](#)).
11. Proceed to Step [4 D 1](#).

#### **C REPLACE ACR RESQLINK PLB BATTERY**

1. Lay the PLB on its face on a clean working surface, (Refer to [Figure 7](#), Detail A).
2. Remove Velcro strap from PLB.
3. Deploy the antenna to make it point straight down.
4. Remove the two screws from the back case of the unit.
  - a. Discard screws.
5. Pull apart the front and back cases.
6. Place the front case face down on a clean area.
7. Unplug the battery connector from the electronic PC board assembly, (Refer to [Figure 7](#), Detail B).
8. Inspect all brass threaded inserts and plastic areas around screws for cracks or failures.
9. Remove PLB from service for repair, if cracks or failures are noted, (Refer to Steps [2 A 2.a.](#) through [2 A 2.b.\(2\)\(b\)](#)).
10. Remove the black gasket between the front and back case.
  - a. Discard gasket.

#### **WARNING**

**AVOID EYE CONTACT, SKIN CONTACT, INHALATION AND INGESTION WITH ISOPROPYL ALCOHOL. KEEP AWAY FROM ALL SOURCES OF IGNITION AND OXIDIZERS. USE IN A WELL VENTILATED AREA. APPROVED RESPIRATOR REQUIRED DURING USE. USE OF SPLASH PROOF GOGGLES AND/OR FACESHIELD REQUIRED DURING USE. USE OF PROPER PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED. WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.**

11. Clean the edge of both front and back cases using isopropyl alcohol, P/N: NDC00574-0067-16, and a clean cotton towel.
12. Verify that the rubber insertion is properly in place before installing the new battery, (Refer to [Figure 7](#), Detail C).
13. Rotate the antenna perpendicular to the unit, (Refer to [Figure 8](#), Detail A).



**WARNING**

**AVOID EYE AND SKIN CONTACT WITH GREASE. KEEP AWAY FROM ALL OXIDIZERS. USE IN A WELL VENTILATED AREA. WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.**

14. Apply an even coating of high vacuum grease (contained in battery replacement kit, P/N: 1103.52), to the sealing surface of the front and back cases, (Refer to [Figure 8](#), Detail B).
15. Use the label (contained in battery replacement kit) or permanent marker, P/N: 63630, to record the next replacement date (5 years) on the label on the body of the new battery.
16. Insert the new battery connector firmly into the receptacle on the electronic PC board.
17. Lay the battery down on the rubber insertion pad, close to the battery connectors on the PC board.
18. Fold the wire back and up towards the battery pack to ensure that it does not get pinched when the back and front case comes together, (Refer to [Figure 9](#)).
19. Insert new gasket (contained in battery replacement kit) into the sealing surface of the front cover.
20. Align the back cover ensuring the following, (Refer to [Figure 10](#)):

*NOTE: There is a "compartment" formed in the back case where the battery will "nestle" when it is closed over the front.*

- a. The battery is snug inside the compartment.
- b. The copper covered ridge in the back cover is going straight into the two clips in the PC board.
- c. The battery leads are not pinched.

**CAUTION**

**USE CAUTION TO ENSURE THAT THE GASKET HAS NOT BEEN PINCHED INSIDE OR OUTSIDE THE CASE IN ANY LOCATION, DO NOT TOUCH THE HIGH VACUUM GREASE DURING THE BELOW STEP.**

21. Place the back cover back onto the front case.
22. Lubricate the case screw o-rings (contained in battery replacement kit) with high vacuum grease (contained in battery replacement kit).
23. Insert new case screws (contained in battery replacement kit) with o-rings into back cover receptacles.
24. Hand-tighten the screws until the back cover evenly settles onto the gasket.
25. Torque screws to 64 in-oz using torque screwdriver.
26. Perform PLB self test, (Refer to [Figure 5](#)).
27. Remove the existing battery replacement date sticker from the following locations:
  - a. Back of the beacon case.
  - b. Inside of the folding back label.





**WARNING**

**AVOID EYE CONTACT, SKIN CONTACT, INHALATION AND INGESTION WITH ISOPROPYL ALCOHOL. KEEP AWAY FROM ALL SOURCES OF IGNITION AND OXIDIZERS. USE IN A WELL VENTILATED AREA. APPROVED RESPIRATOR REQUIRED DURING USE. USE OF SPLASH PROOF GOGGLES AND/OR FACESHIELD REQUIRED DURING USE. USE OF PROPER PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED. WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY.**

28. Clean the area using isopropyl alcohol.
29. Install new battery replacement stickers.
30. Install Velcro strap, (Refer to [Figure 1](#)).

**D FINAL STEPS**

1. Ensure HAZMAT created or used during the MPC is properly stored, segregated, or disposed of IAW all applicable local, state, and federal regulations.
2. Record maintenance action by completing appropriate sign-off, adding any pertinent remarks.




**First entry for name shall be "USCG" followed by AUX for auxiliary and RES for Reservist. After the first entry, the unit name will be used as listed in the Standard Distribution List (COMDTNOTE 5605) Examples:**  
 USCG USCGC BOUTWELL  
 USCGAUX USCGC BOUTWELL  
 USCG Station Woods Hole  
 IISCGAUX Station Woods Hole

**Mailing address of the unit. If physical address is different than the mailing address, use mailing address and insert physical address in additional data in Vessel Information section below.**

**E-mail address of the Rescue and Survival Party Officer**

**Use unit phone number(s)**

**At a minimum, include Servicing Sector Command Center and District Command Center**



Save Final Registry your beacon online at: [www.beaconregistry.uscg.mil](http://www.beaconregistry.uscg.mil)

**Official 406 MHz EPIRB Registration Form**

NOTE: IF THIS IS A RE-ENTRY, PLEASE PRINT "RE-ENTRY" IN THE "REMARKS" SECTION.

Form No. 301-017-0000

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**EPIRB Information**

Region ID (Unique Identifier Number) \_\_\_\_\_

Checksum \_\_\_\_\_

☐ Category I (Automatic Deployment)  
☐ Category II (Manual Deployment)  
 EPIRB Manufacturer \_\_\_\_\_  
 Model No. \_\_\_\_\_

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**Purpose of EPIRB Registration**

☐ New Registration ☐ Change of Registration Information ☐ Replacement of DIAL ONLY  
☐ Renewal of Registration ☐ Replacement for a previously registered EPIRB  
☐ Change of Ownership Please enter the old unique ID number: \_\_\_\_\_

---

**Owner/Operator Information**

Name \_\_\_\_\_ Telephone \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State/Province \_\_\_\_\_  
 ZIP (Postal) Code \_\_\_\_\_  
 E-mail \_\_\_\_\_

---

**Vessel Information**

Usage: ☐ Commercial ☐ Non-commercial ☐ Government Military ☐ Government Non-military

Call Number or MMSI \_\_\_\_\_  
 Power: ☐ Sailing ☐ Inboard ☐ Outboard ☐ Diesel ☐ Gas ☐ Other \_\_\_\_\_  
 Non-power: ☐ Life Boat ☐ Life Raft ☐ Other \_\_\_\_\_

Vessel Name \_\_\_\_\_  
 Vessel Color \_\_\_\_\_  
 Survival Craft(s) on Vessel: Life Boat \_\_\_\_\_ Life Raft \_\_\_\_\_  
 Is your EPIRB equipped with a Simplified Range Data Recorder (SVDR)? ☐ Yes ☐ No

Radio Equipment: Check all that apply  
☐ VHF ☐ HF ☐ AIS ☐ Other \_\_\_\_\_  
 Vessel Telephone Numbers  
 VESSEL: \_\_\_\_\_  
 PERSONAL: \_\_\_\_\_  
 Federal/State Registration Number \_\_\_\_\_  
 Length Overall (ft) \_\_\_\_\_ Capacity \_\_\_\_\_  
 Homeport \_\_\_\_\_  
 Additional Data \_\_\_\_\_

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**Emergency Contact Information** please include contact numbers for owner

Name of Primary 24-hour Emergency Contact: \_\_\_\_\_ Name of Alternate 24-hour Emergency Contact: \_\_\_\_\_

Telephone: \_\_\_\_\_ Telephone: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

If you have any questions with this form or with EPIRB registration, please call 1-800-271-5266 or 734-373-0747. For information on U.S. Coast Guard Auxiliary, please visit [www.uscg.mil](http://www.uscg.mil).

(406 MHz EPIRB) (Form No. 301-017-0000) Rev. 09/2011

**EPIRB REGISTRATION FORM GUIDANCE (MANUAL REG.)**  
**Form 1**

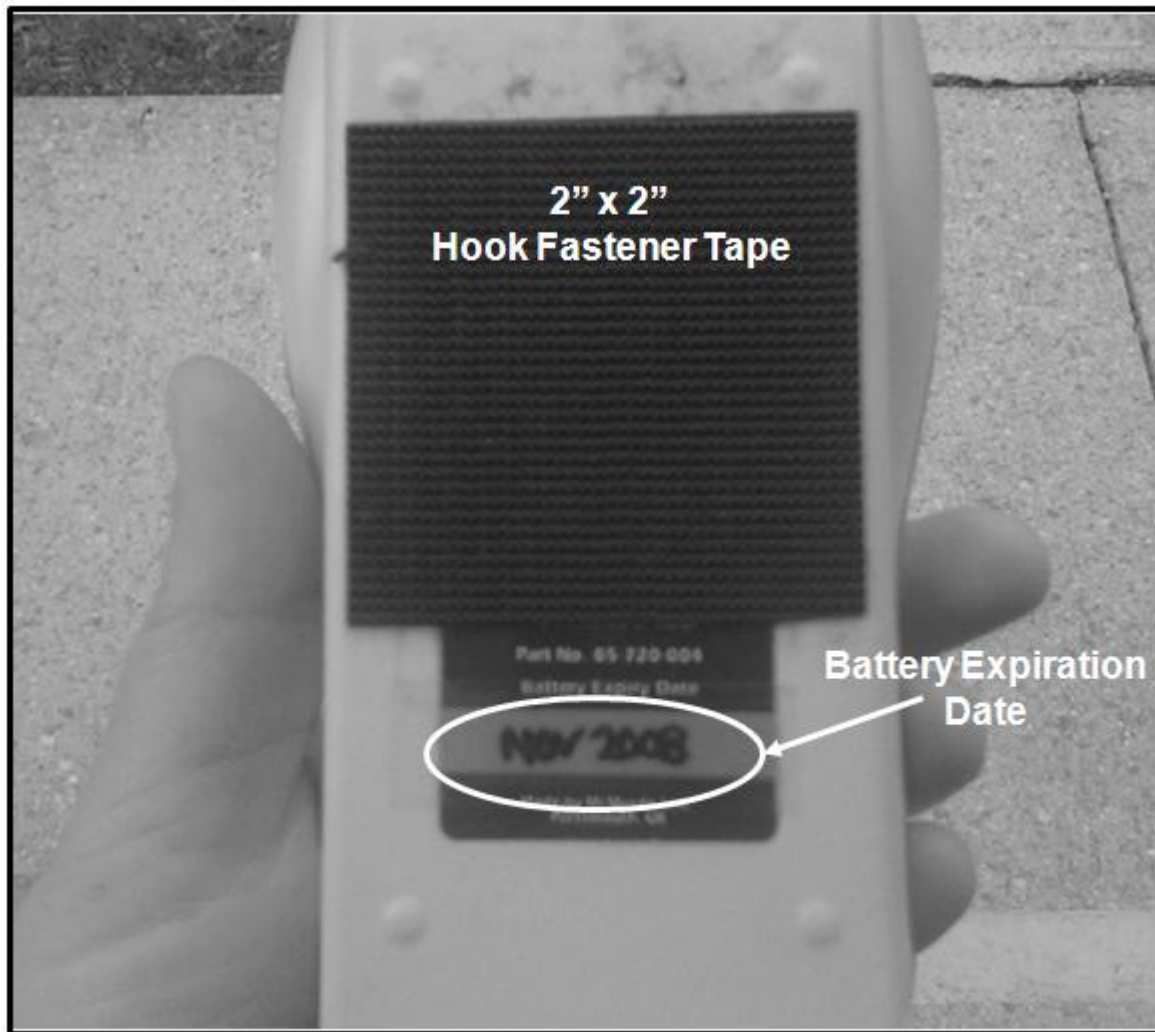




**ACR RESQLINK VELCRO STRAP ATTACHMENT**

**Figure 1**

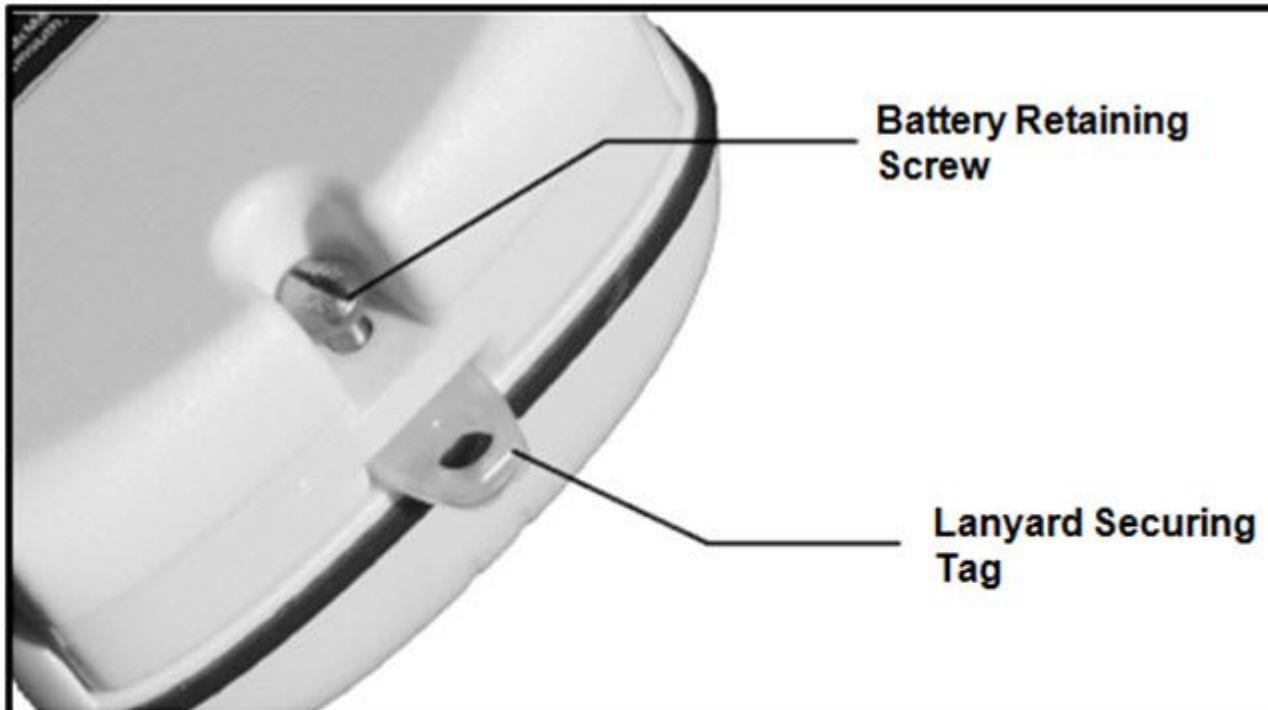




**HOOK FASTENER TAPE (MCMURDO PLB)**

**Figure 2**





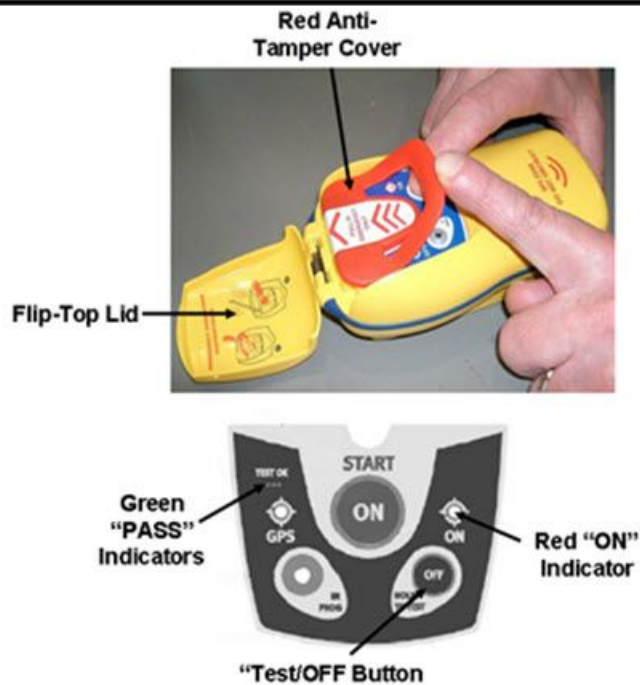
- 1. Remove battery retaining screw.**
- 2. Remove battery.**
- 3. Discard lanyard securing tag.**
- 4. Install new lanyard securing tag.**
- 5. Install battery.**
- 6. Install battery retaining screw.**
- 7. Tighten screw to 36 in-oz.**

**LANYARD SECURING TAG (FASTFIND PLB)**

**Figure 3**








1. Open flip-top lid.
2. Slide finger under the handle of the red anti-tamper cover to locate the **TEST/OFF** button.
3. Press and hold the **TEST/OFF** button for 10 seconds.
4. Self-Test pass is indicated by illuminated green indicator lights under **"TEST OK"** along with an audible alarm buzzer.
5. PLB will switch itself off after a successful self test.
6. Test fail is indicated by the three flashes of the red **"ON"** indicator light.

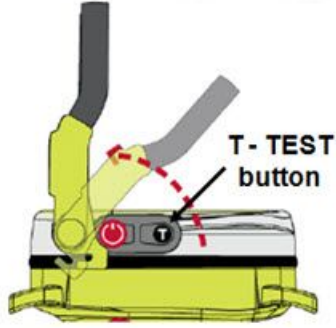
**SELF-TEST (MCMURDO FASTFIND/PLUS/MAX-G)**

**Figure 4**














**1. Unclip the antenna latch from the case.**



**2. Move the antenna into the upright position.**  
**3. Depress the "TEST" button for one full second.**

Light Scheme	Light Meaning
 	Self Test Passed
 	Self Test Passed (Battery: <24 Hours)
 	Self Test Fail
 	Self Test Fail (Battery: <24 Hours)
	Battery Fail

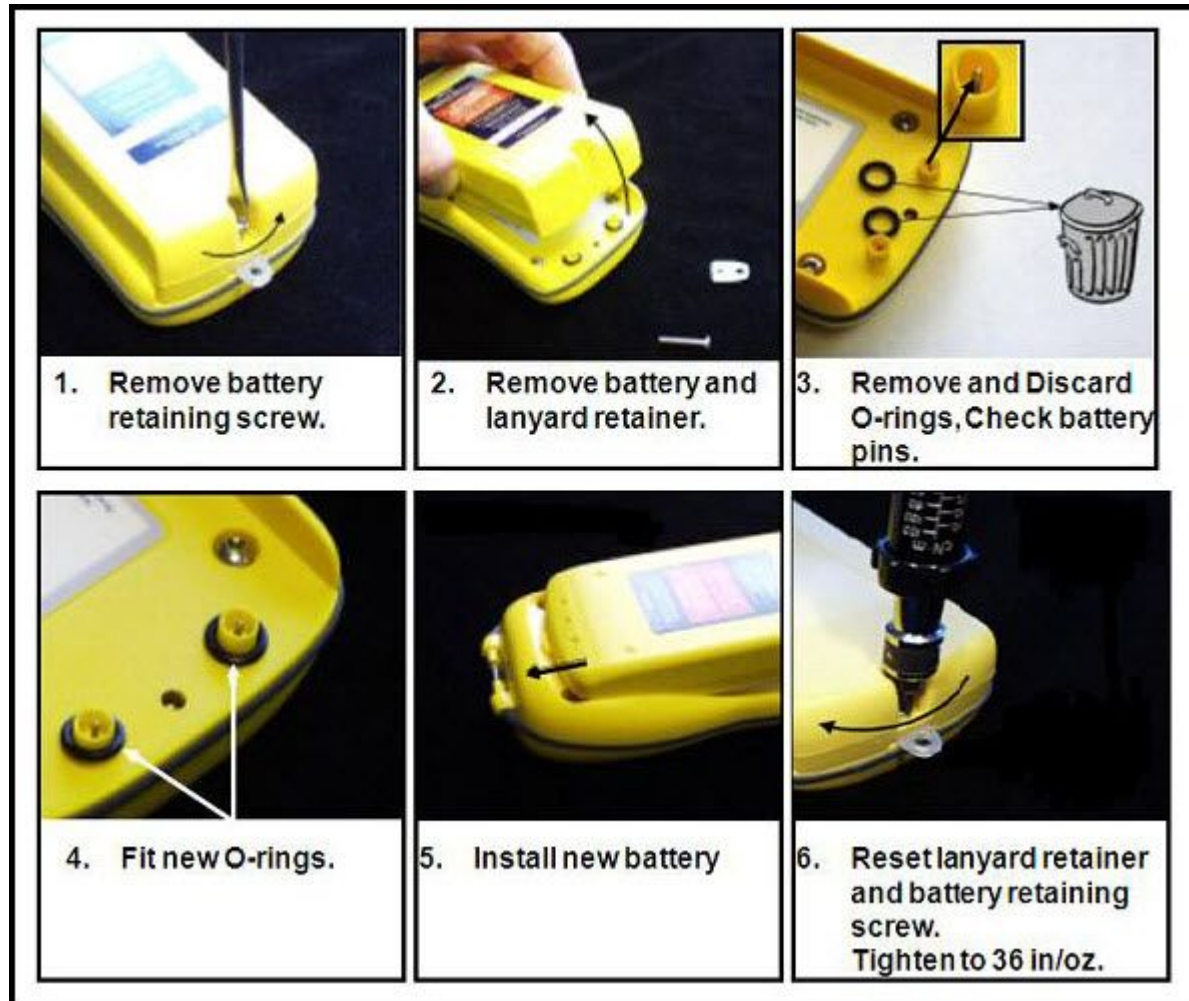
**Green Light will flash followed by a Second Long Green Light flash and the strobe light. This indicates a successful Basic Self Test.**

**If a red LED flashes at the completion of the Self-test, the beacon has failed.**

### SELF-TEST (ACR RESQLINK PLB)

Figure 5



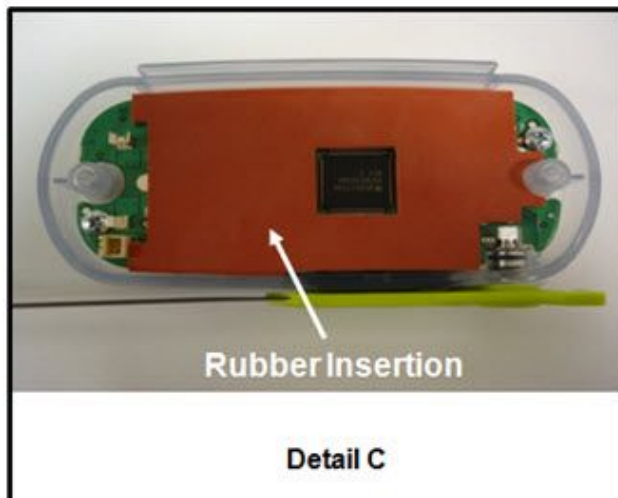
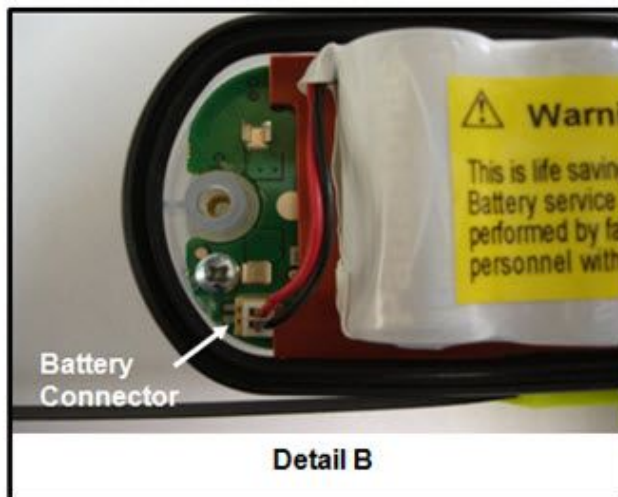
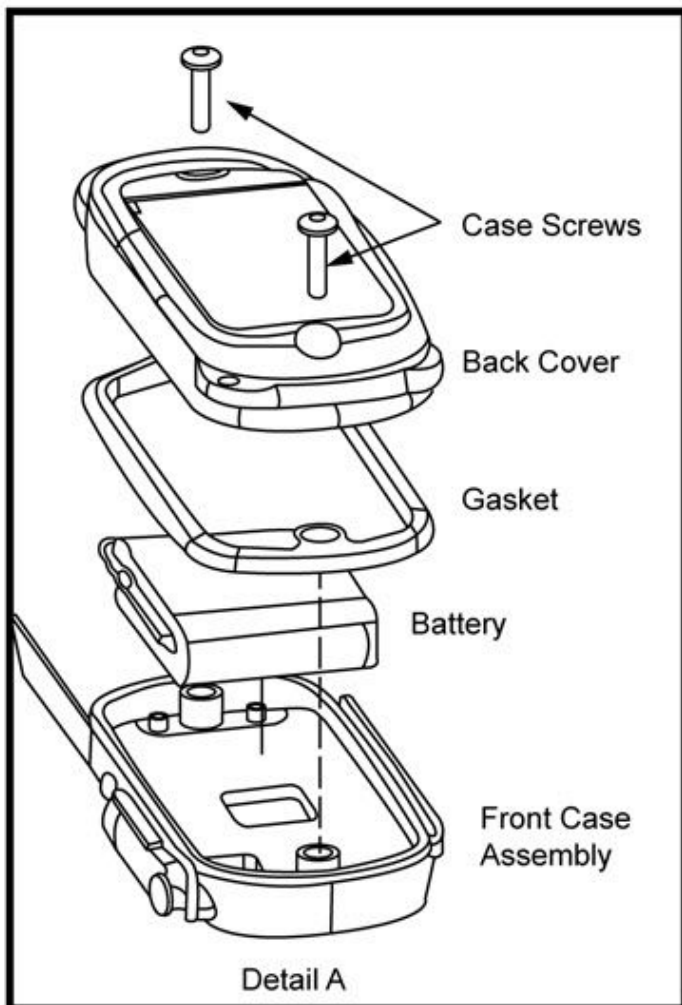


**MCMURDO FASTFIND/PLUS/MAX-G BATTERY REPLACEMENT**

**Figure 6**



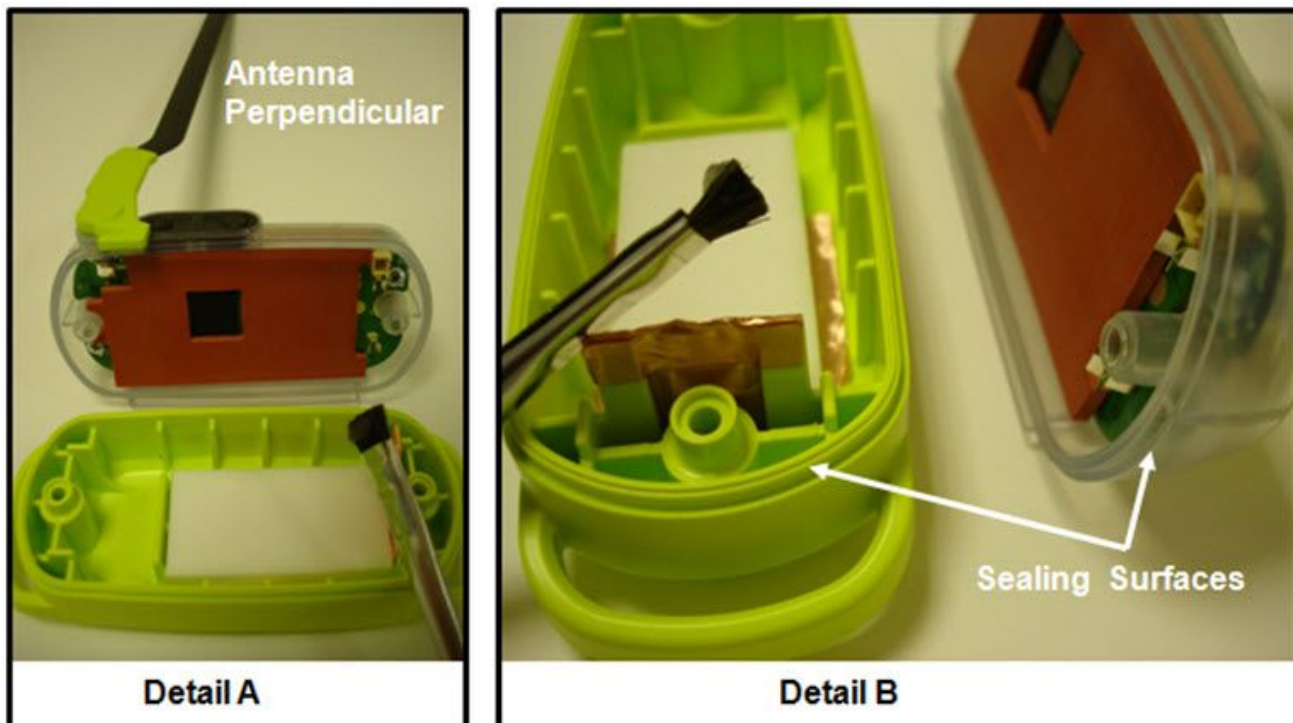




### ACR RESQLINK DISASSEMBLY

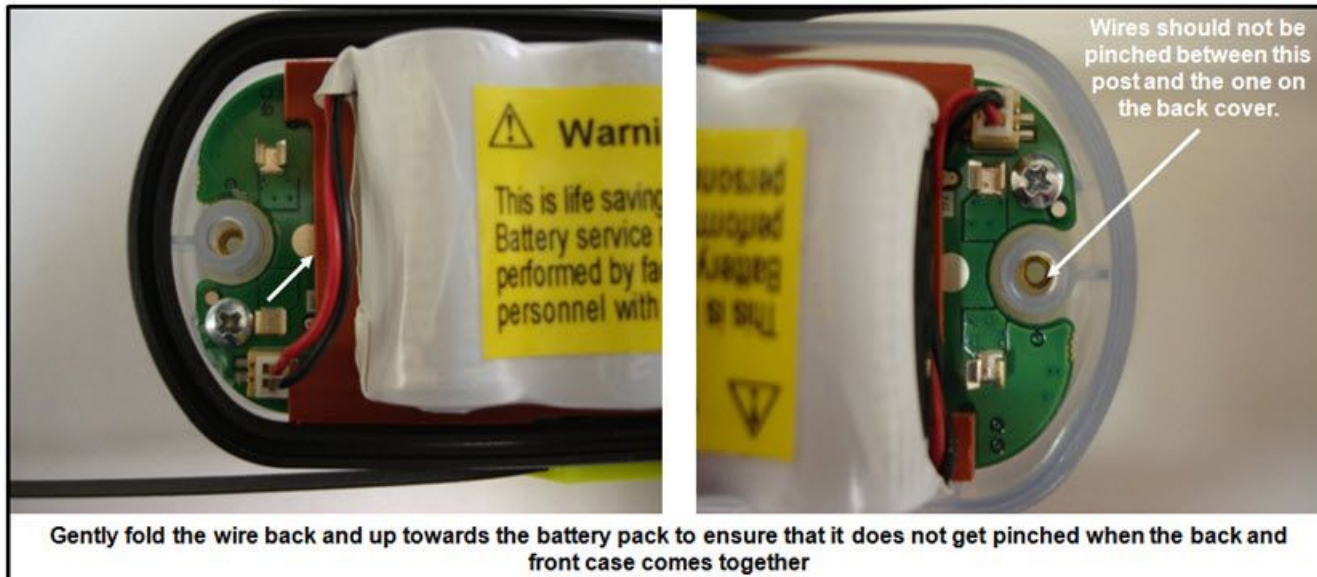
Figure 7





**ACR RESQLINK – GREASE APPLICATION**  
**Figure 8**





## BATTERY WIRE

Figure 9





## COVER INSTALLATION

Figure 10

