

# SEE-BLITZ



Thank you for purchasing the **SEE-BLITZ**.

*This instrument represents the optimising of engineering design, ergonomics and the best of available materials.*

*With correct use and maintenance it will prove to be a robust and reliable companion for all your activities.*

## BATTERY INSTALLATION: in DAYLIGHT

1. Unscrew entire Switch section without pulling on Yellow Switch Boss.
2. Look inside the battery compartment for decals showing the correct battery positions.
3. Insert the batteries as shown: Fig. 1 Positive Terminals down at Markers moulded on Case Lip.
4. Replace Switch and screw to position aligning rounded markers on Case and Switch. Fig.2



Figure 1



Figure 2



Figure 3



Figure 4

## BATTERY INSTALLATION: NO LIGHT or Damaged Decals

HOLD CASE IN LEFT HAND

1. Place index finger on the Triangular Marker at the opening of the Case.
2. Place middle finger on the Round Marker at the opening of the Case.
3. Insert two (2) batteries with + ( tip) downwards at the finger positions.
4. Insert two (2) batteries with - (base) downwards in the remaining space.

## TURN ON Fig.3

1. **PULL BACK** Yellow Switch Boss.
2. **TURN** in either direction until the detent pins fall into the **ON** position.

The SEE-BLITZ is **Activated** when the **ROUND RAISED RIDGE** of the Yellow Switch Boss is **IN LINE** with the same **ROUND MARKER** on the **CASE LIP**.

## TURN OFF Fig.4

1. **PULL BACK** Yellow Switch Boss.
2. **TURN** in either direction until the detent pins fall into the **OFF** position.

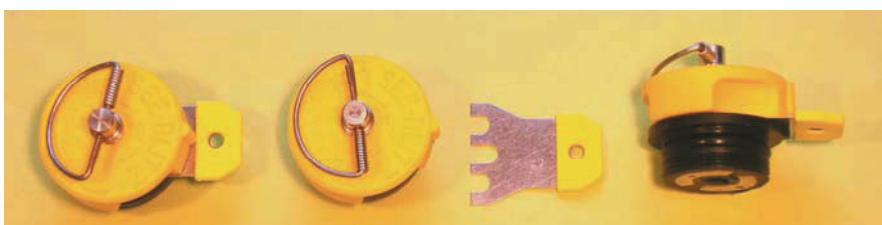
The SEE-BLITZ is **De-activated** when the **ROUND RAISED RIDGE** of the Yellow Switch Boss is **NOT IN LINE** with **ANY MARKER** on the **CASE LIP**.

## EMERGENCY ON / BY-PASS: UNSCREW WHOLE SWITCH 1/4 TURN TO TRIANGULAR MARKER

### TRIP ACTIVATION

1. Turn the SEE-BLITZ to the **NORMAL ON** position.
2. SLIDE the TRIP PLATE under the ON marker BETWEEN the Yellow Boss and the Black Switch Base Fig.5
3. ENGAGE the SLOTTED edge of the Trip Plate firmly against the pivot and detent pins, when correctly in position the SEE-BLITZ will shut down.
4. REMOVAL of the TRIP PLATE will turn the SEE-BLITZ ON

Figure 5



SEE-BLITZ configured as Self Igniting Buoy Light



**USE ONLY ALKALINE OR LITHIUM 1.5 VOLT AA BATTERIES**

## Operation with less than 4 AA Batteries

The battery configuration in a SEE – BLITZ has 4 AA cells, 2 in series and 2 in parallel.

Providing one pair of contact springs ( + & -- ) completes the circuit the SEE – BLITZ will activate when turned on.

### 3 CELL OPERATION: Figure 3

- Place 3 AA cells as indicated by the battery decals inside the casing, this will leave one space empty.
- To complete the circuit, a shorting piece is needed. This can be done by wrapping a discharged cell or a similar size object in aluminium foil.
- Replace switch and operate normally.

### 2 CELL OPERATION: Figure 2

- Place 2 AA cells as indicated by the battery decals inside the casing to form one series pair, this will leave two spaces empty.
- The circuit is already complete only the two empty spaces need to be filled to prevent the cells moving. Pack the empty space with cardboard, rolled paper or a pencil eraser.
- Replace switch and operate normally.

### 1 CELL OPERATION: Figure 1

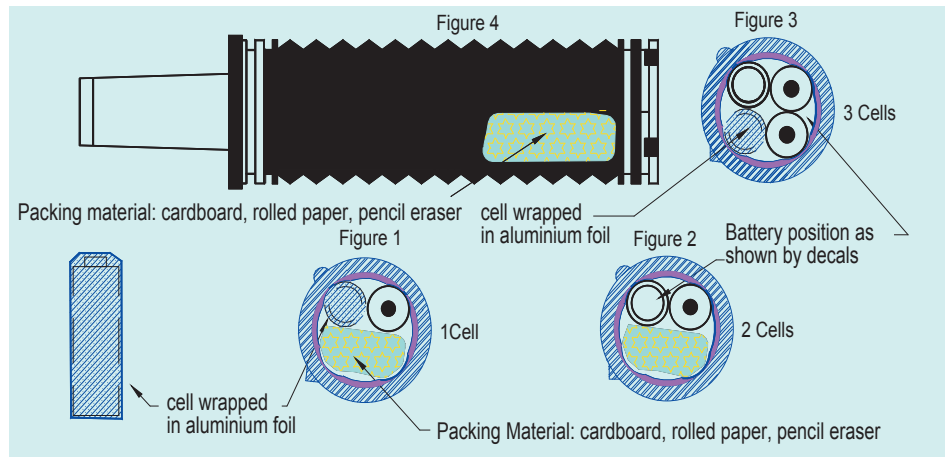
- With 1 AA cell there are three empty spaces. A shorting piece is needed to complete the circuit as well as packing material to stop the cell and shorting piece from moving.
- Place the single cell and shorting piece to form one series pair as described in 2 CELL OPERATION.
- Pack the empty space with cardboard, rolled paper or a pencil eraser to prevent the cell and shorting piece from moving.
- Replace switch and operate normally.

### NOTE:

**When packing the unfilled battery spaces make sure the existing batteries and shorting pieces have vertical movement to make contact with the springs and switch surfaces.**

### Summary:

The SEE – BLITZ is designed to optimise survivability, providing one AA battery is available the unit will operate and produce a flash at rated intensity at a reduced flash rate. Conserve power and activate only when detection is most likely.



### FLOATATION COLLAR/STAND:

The floatation collar allows the SEE-BLITZ to be used as a light beacon on the surface or as a top marker for divers.

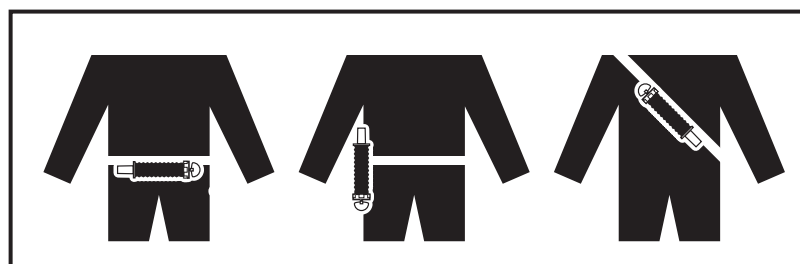
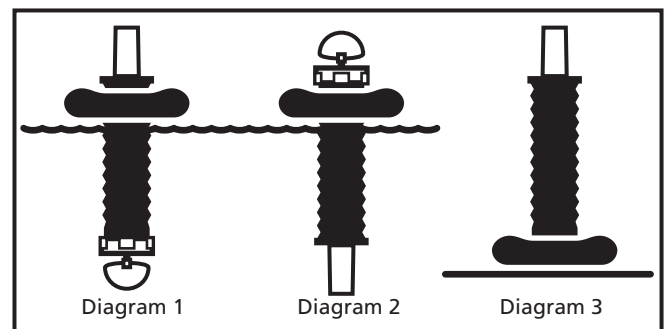
#### LIGHT BEACON (Diagram 1)

Use the CARRY STRAP to capture the floatation collar on the case as shown in picture of SEE-BLITZ as Self Igniting Buoy Light on previous page. (Surface Beacon & Top marker.)

#### TOP MARKER (Diagram 2)

#### STAND (Diagram 3)

**CARRY STRAP:** The supplied carry strap can be fixed as shown below.



### MAINTENANCE:

Always ensure the thread of the switch section and the casing is clean and free of foreign matter. The 'O' ring and the bore of the casing should always be lightly lubricated with silicon grease. If the casing is accidentally flooded in shallow water, rinse out with fresh water and dry completely. The electronic module is completely segregated and will not be damaged.

WATERPROOF / TEARPROOF SHEET

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