

VIGIL II REPAIR & MAINTENANCE PROCEDURE FOR PARACHUTE RIGGERS & APPROVED SERVICE CENTERS

① BATTERY PACK REPLACEMENT:

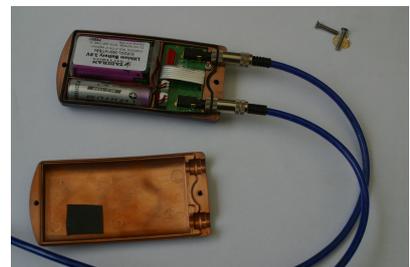
- › Switch off the Vigil
- › Remove the hologram (Vigil seal from the main box) and clean the glue remains of the removed hologram. (1)
- › Use a Philips screwdriver n° 1 TS to unscrew the two M3 closing screws to open the box. (2)
- › Disconnect the to replace battery pack by pulling out the little white center connector. (4)
- › Reconnect immediately the new battery pack and push it well in place. (5)
- › *Don't leave your Vigil with an empty Battery Pack due to the Pulses Plus Element That need to stay powered. Please remember that the battery pack must be replaced after 10 years of use*
- › *For waterproof units, please add some silicon grease on the rubber sealing ring (mainly in the 4 rubber corners around the 2 connectors).*
- › *If by opening you damage the rubber sealing ring, please place a new rubber sealing ring before closing.*
- › Close the main box by using the Philips screwdriver (6)
- › Seal the hole of the screw with the delivered reserve Q.C. hologram (silver with red numbers). The number on the seal must be the same as the one on the new battery pack and the service card.
- › See Warnings



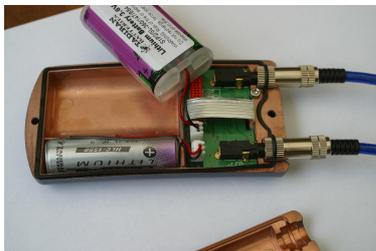
1



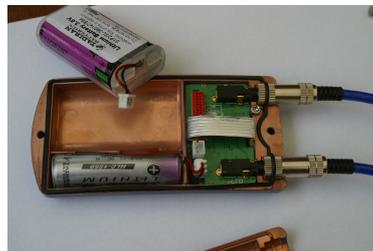
2



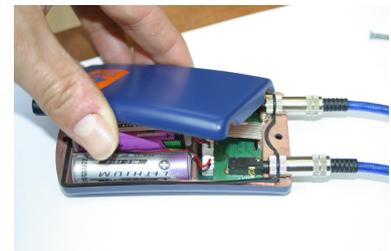
3



4



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6

② CUTTER UNIT OR CONTROL UNIT REPLACEMENT:

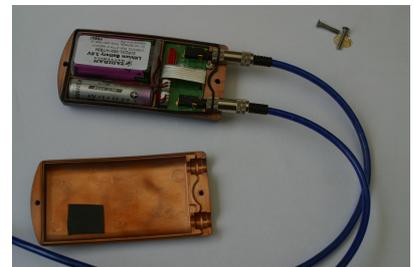
- Switch off the Vigil
- Remove the hologram (Vigil seal from the main box) and clean the glue remains of the removed hologram. (1)
- Open the main box by using a Philips screwdriver n° 1 TS to unscrew the two M3 closing screws. (2)
- Do not unplug the battery pack connector (vigil must be switch off but powered)
- To remove the jack connector you need to lift carefully (of about 2-3 mm) , the two connectors fixed on the front of the printed circuit. (4)
- Disconnect the two connectors, remove the rubber ring and replace the cutter:
 - by fitting first the new rubber lightly greased with its flat side up and avoid to touch the gold plated connectors with the sealing grease. Check that the connectors are correctly positioned (Cutter Unit, Control Unit marked on the PCB).
- Make sure that the battery pack's connecting wires are correctly positioned and they do not hinder the main box from closing.
- Put a little silicon grease all around the new rubber as well as around the 2 connector's O rings of the rubber.
- Put the connectors back in the O rings.
- Put the PCB back on its place and place correctly the new rubber in its groove all-around flat side-up. Put again a little silicon grease mainly at the connector's corner. (5-6)
- Close the main box by using the Philips screwdriver
- Seal the hole of the screw with the delivered reserve Q.C. hologram (silver with red numbers) (pict 2). The number on the seal must be the same as the one on the new cutter unit (pict 4) and the service card.
- See Warnings



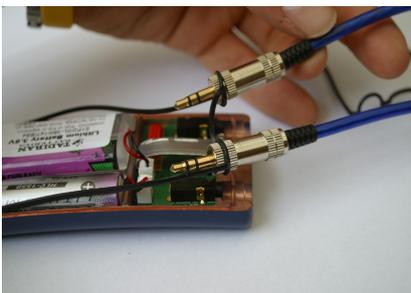
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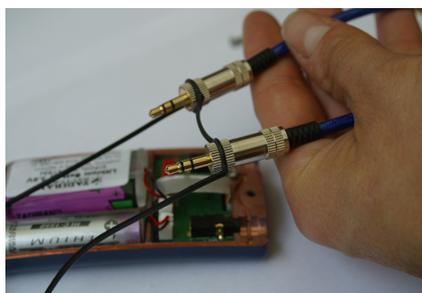
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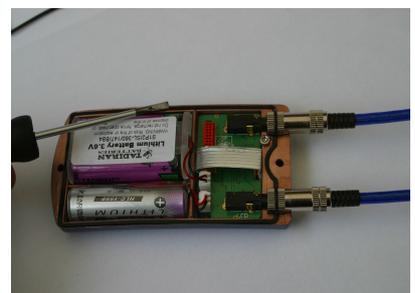
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③ **SOFTWARE UPDATE:**

Update is possible if wanted but not mandatory and can preferably be done with a possible repair or maintenance action.

The software update can only be done by AAD s.a./n.v. Brussels.

④ **CUTTER ACTIVATION:**

- › Try to download the graph with the IR download box or send it to the nearest dealer who can do it. Ask him to send those graphs by email to our Brussels office.
- › Fill in the “life saving report” (can be downloaded on our website: www.vigil.aero/downloads/) (Annexe 1.) and send it by fax to AAD Brussels (Fax: 0032/ 2 736 06 27)
- › AAD Brussels will analyse the file (graph) and determine if it is an actual life saving, if yes a free cutter unit replacement will be send free to you, if not the cutter unit will have to be paid by the customer.
- › To change the cutter unit (see cutter unit change procedure)

WARNINGS:

1. When a subpart is replaced (power pack, cutter unit or controller unit) please always update your internal customer list and send back the filled in Service Card to AAD s.a./n.v. Brussels for your customers warranty.
2. Only approved Vigil official service center are able to guaranty the waterproof function of the **Vigil II** unit.
3. After replacement of the necessary subpart please switch on the Vigil and check if all the parameters are ok.

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