



Hlavní strana

Aladin AirX

Digital

Restart Aladinů

Aladin® AIR X - DIY battery exchange

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For a successful DIY battery change in an Aladin® dive computer, you will need to have a solid working experience with soldering/desoldering and a general mechanical proficiency to access the battery.

TEXT IS UNDER CONSTRUCTION NOW! Excuse my English please....



heat gun on very low setting)

WARNING! Aladin® dive computers are oil-filled. Do not discard the oil as it must be reused when the battery change is completed. You must carefully extract and store the oil. Use of rubber gloves is recommended !

Spare oil You can ask here - www.cermaks.com

The AirX's cover is glued-on and the glue is hard & needs to be carefully scraped out . After the battery is changed it's necessary to re-glue the cover & re-fill the unit with oil. All of this is difficult.

When ready to open the case, if it is very stuck, you can try and lever it gently while using some heat. (@100°C max! Hair dryer /



Green - Filling hole. Through this hole you can refill oil (if it is not blocked inside by glue) This hole is covered by a screw with O-ring.

Yellow - Holes for sensors. Ambient pressure is transmitted to sensors inside through this holes. DO NOT BLOCK.

Red - Two locking screws. These screws hold the glued cover. Left screw is usually very tight. You can carefully try a little heat - carefully! For example, touch it with the tip of a hot soldering iron to heat it up and break the seal.



Green - You need to scrape out all the glue.

Yellow - Do NOT scrape out !

As spare battery You can use for example [SL-860/T](#) from Tadiran or SAFT LS14500 CNA ...

After successful battery change, the computer may still show "Err" on the display. How to restart Aladin® from ERR - [here](#)

The following batteries or compatible can be used for replacement.:

Tadiran [SL-860/T](#) (TL-4903?) or SAFT LS14500 CNA - physical connection: Axial Leads. DO NOT solder directly to battery without pins !





Before sealing the unit up, it is necessary to clean both parts thoroughly with a degreaser (Prepsol or Methylated Spirit) for the seal of the epoxy glue to work. But try to keep away from the electronics at all times! I prefer to mix a small amount of powdered graphite into the epoxy as it colours the epoxy a matching black and makes the epoxy less brittle once it hardens and more workable for the next battery change.

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