

TECHNICAL BULLETIN TB03-2023

Disassemble, Disconnect and Recycle Tron 40VDR AIS

Part 1, Disassembly

Equipment and tools:

- Cutting pliers
- Small flat head screwdriver,
- Larger flat head screwdriver



IMPORTANT; during the following process, do not get in direct contact with the water activation contacts with wet hands or expose these to water.

This may activate DISTRESS ALERT from EPIRB!

Remove Storage Module from old unit:



Tron 40VDR with storage module ready for removal



Cutting pliers



Place the pliers as seen on picture.



Use some force to cut through the "Bumper"



Then the "Bumper" can be removed



Take a solid grip around the Storage Module and release the unit from the Capsule

The Storage Module is now released and ready to be installed on replacement EPIRB, or disposed.

Open, disconnect battery and make electronics unusable



Locate the Equator belt lock as seen on picture to the left.
If this has been opened before, you will see this seal is broken.

Use a small flat head screwdriver.

Press down in the outer edge of the slot in Equator belt until you hear a Click.



Then take another screwdriver and pry the two halves of the Equator Belt apart.

Remove the Equator Belt.

Disconnect the cable on the battery from the electronics by pressing the lever (1) on the side of the connector and pulling the connector (2).



Snip off the battery connection cable close to the circuit board. This renders the electronics unusable.

Part 2, Disposal/ Recycling and return of disposal proof to Jotron

If a replacement is done on a vessel, local disposal should be done of battery and top electronics.

**The storage module contains confidential data and is the property of the ship.
In the event of a replacement, it should be stored on board for a time regulated by the VDR integrator and Shore Based Maintenance procedures, normally at least 48 hours!**

Please check with the VDR integrator for correct disposal of the storage module! (FRM)

Decommissioning:

We need pictures of the top label with the serial number as described below for us to register that this unit is no longer in service. Also supply a picture confirming that the cables between the electronics and battery module have been cut off.

Send the pictures to support@jotron.com



- Take picture(s) showing upper part of Tron 40VDR AIS with "Serial number label". Please make sure the serial number is readable.



- Provide picture of electronics board with the cables cut off.

Recycle the different parts:

	Part	How	Note
1	Battery	Do NOT throw in waste bin but recycle as “Haz.mat” (Dangerous goods). - Europe: According to Battery directive or Recharge - USA: WeRecycle Battery Box or Earth911	Contains high energy Lithium Metal batteries of type SAFT LSH-14 light, see UN 38.3 Summary here . and Battery Information sheet here .
2	Electronics	Do NOT throw in waste bin, but recycle according to legal procedures regarding waste electronic: - Europe: WEEE – see more info: 1) http://ec.europa.eu/environment/waste/weee/index_en.htm 2) http://erp-recycling.org/ - USA: https://www.epa.gov/recycle/electronics-donation-and-recycling	May contain: <ul style="list-style-type: none"> • Lead (Pb) • Copper(Cu) • Tin (Sn) • Other metals
3	Plastic	Contains mostly Polycarbonate (Lexan), see information on plastic recycling here: http://en.wikipedia.org/wiki/Plastic_recycling	
4	Metal (Aluminum)	According to local regulations	

Any questions regarding this Bulletin may be sent to support@jotron.com

Jotron AS
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