



## TECHNICAL BULLETIN TB04-2016

### Disassemble, Disconnect and Recycle Tron 40VDR

#### Part 1, Disassembly

##### Equipment and tools:

- Cable cutter, CC-38 size
- 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



CC-38 (200mm) size Cable Cutter



Place the Cable Cutter 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, returned back to Jotron or disposed.



## Open, disconnect battery and make electronics unusable



Locate the Equator belt lock as seen on picture to the left.

If this have been opened before, you will see this sealing is broken

Use a small flat head screwdriver

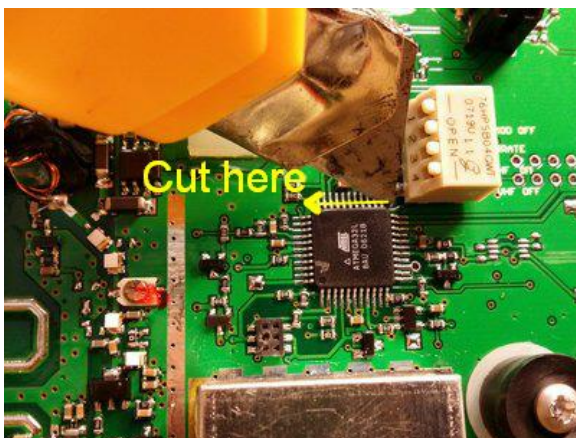
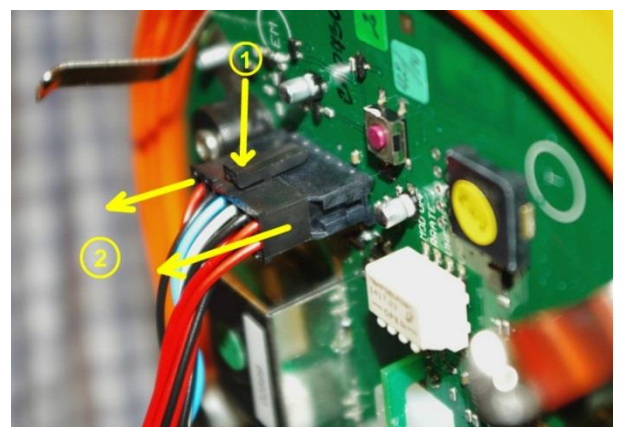
Press down in the outer edge of the slot in Equator Belt until you hear a Click.



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

Remove the equator belt

Disconnect the battery from electronics by push (1) and pull out (2) simultaneously



Cut with a carpet knife  
(Makes the electronics unusable)



## Part 2, Disposal/ Recycling and return of replaced units label to Jotron

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

- Storage module (FRM)
- Label from electronics

We need the returning label as described below for us to register that this unit is no longer in service (or in the case of warranty replacement, evidence of such, so we can issue credit note to you).

Before returning goods or label to Jotron, please fill in [RMA Request form](#) and send to [repair@jotron.com](mailto:repair@jotron.com)

Below is description how to rip off label from Tron 40VDR and send back to us (scanned, faxed, email or normal postage)



Picture showing upper part of Tron 40VDR with "Serial number label"



Rip it off as shown. Try to get it off in one piece



Fit the label to a white paper, and send to us by email, fax or post


Complete label with Serial number and Vessel information removed



If Storage module above is not refitted to a new EPIRB, it may be sent back to Jotron or disposed



## Recycle the different parts:

	Part	How	Note
1	Battery	Do NOT throw in waste bin, but recycle as "Haz.mat" (Dangerous goods). - <b>Europe:</b> According to <a href="#">Directive 2006/66/EC</a> - <b>USA:</b> <a href="#">The Big Green box</a>	Contains high energy Lithium Metal batteries of type SAFT LSH-14 light, see MSDS/PSDS (2016) <a href="#">here</a> . and Battery Information sheet <a href="#">here</a> .
2	Electronics	Do NOT throw in waste bin, but recycled according to legal procedures regarding waste electronic: - <b>Europe:</b> WEEE – see more info: 1) <a href="http://ec.europa.eu/environment/waste/weee/index_en.htm">http://ec.europa.eu/environment/waste/weee/index_en.htm</a> 2) <a href="http://erp-recycling.org/">http://erp-recycling.org/</a> - <b>USA:</b> <a href="http://www.epa.gov/epawaste/conservation/materials/recycling/index.htm">http://www.epa.gov/epawaste/conservation/materials/recycling/index.htm</a>	May contain: <ul style="list-style-type: none"><li>• Lead (Pb)</li><li>• Copper(Cu)</li><li>• Tin (Sn)</li><li>• Other metals</li></ul>
3	Plastic	Contains mostly Polycarbonate (Lexan) , see information on plastic recycling here: <a href="http://en.wikipedia.org/wiki/Plastic_recycling">http://en.wikipedia.org/wiki/Plastic_recycling</a>	
4	Metal (Aluminum)	According to local regulations	

Any questions regarding this Bulletin may be sent to [support@jotron.com](mailto:support@jotron.com)