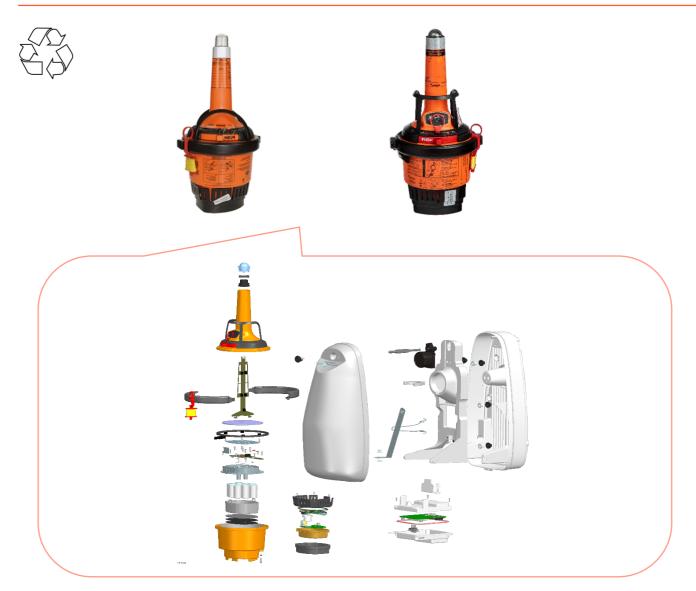# Tron 40VDR and Tron 40VDR AIS
Product Dismantling and Recycling
Part Number: 87930, 87940, 88370, 88380, 103190, 103200, 103742, 103960

Important! Before disposal, ensure your EPIRB is de-registered from the appropriate national or international EPIRB database.

1) Remove the equator-ring and separate the upper and lower housing. Tools may be required to remove the equator-ring.

2) Disassemble the battery module from the lower housing and access the lithium battery cells for recycling.

3) Disassemble the printed circuit board from the upper housing for recycling.

4) To separate the integrated circuit from the mechanical parts, disassemble the storage module and the docking module.

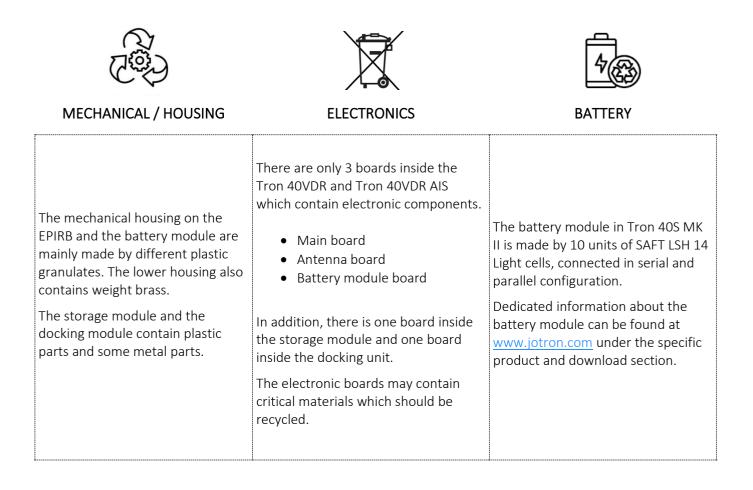5) If disposal of the float free bracket is required, separate the metal and plastic part.

MECHANICAL / HOUSING	ELECTRONICS	BATTERY
The mechanical housing on the EPIRB and the battery module are mainly made by different plastic granulates. The lower housing also contains weight brass. The storage module and the docking module contain plastic parts and some metal parts.	There are only 3 boards inside the Tron 40VDR and Tron 40VDR AIS which contain electronic components. • Main board • Antenna board • Battery module board In addition, there is one board inside the storage module and one board inside the docking unit. The electronic boards may contain critical materials which should be recycled.	The battery module in Tron 40S MK II is made by 10 units of SAFT LSH 14 Light cells, connected in serial and parallel configuration. Dedicated information about the battery module can be found at www.jotron.com under the specific product and download section.

PROPER PRODUCT RECYCLING

For proper product disposal and recycling, please:
- Consult your local authorities about your country's disposal and recycling rules and regulations.
- Observe the applicable WEEE (Waste from Electrical and Electronic Equipment) rules.

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CRITICAL RAW MATERIAL (CRM) CONTENT PER COMMODITY TYPE

Critical raw materials (CRMs) are of high economic importance and have a high risk of supply chain disruption. In 2023, EU published a fifth list of 34 CRMs in the Annex II of the Regulation proposal COM(2023) based on the Study on the Critical Raw Materials for the EU 2023 – Final Report.

Based on the fifth list from 2023 of critical raw materials for the EU, Jotron has conducted an analysis of CRM content in the company's products. The content is limited to information sourced by responses and documentation from suppliers and manufacturers. The sourcing of documentation was done by questions on email, phone calls, meetings and searching verified online pages. The CRM content is limited to commodity group, not part specific.

The table below lists Jotron's commodity types that may contain critical raw materials (CRMs).

Capacitor	Connector	Diode	Fasteners	Fuse
Aluminium (bauxite) Copper	Brass (copper) Nickel	Copper Silicon	NA	Aluminium (bauxite) Copper Nickel
Inductive parts	**Integrated circuit**	**Memory**	**Metal sheet**	**Opto**
Magnesium Titanium dioxide	Aluminium (bauxite) Copper	Aluminium (bauxite) Baron Copper	Aluminium (bauxite) Copper Nickel	Fluorine Possible terbium* in display
Printed circuit boards	**Relay**	**Resistor**	**Switchers**	**Batteries**
Copper	Aluminium (bauxite) Copper Nickel	Aluminium (bauxite) Bismuth Boron Nickel Silicon Titanate (titanium)	Aluminium (bauxite) Copper Manganese Nickel Silicon	Aluminium Cobolt Copper Gallium Lithium Manganese Nickel

*heavy rare earth element