



BATTERY BOX FOR IB1200

Code 86.3500

Version 19042023



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic sales@ironbaltic.com

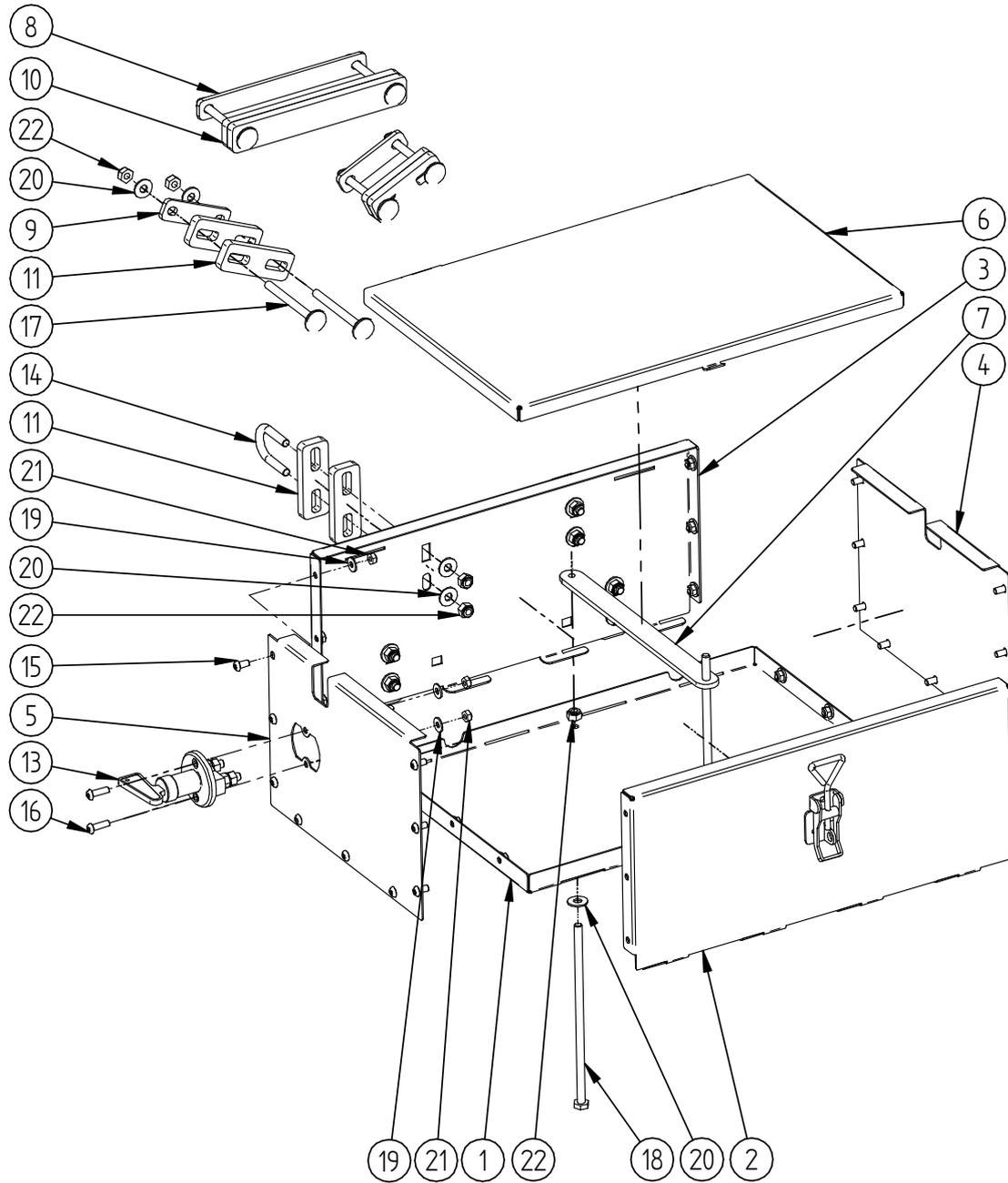
SPECIFICATION

Pos.	Description	Code	Amount
1	Bottom plate	86.3501	1
2	Front plate	86.3502K	1
3	Rear plate	86.3503	1
4	Side plate	86.3504	1
5	Side plate for switch	86.3505	1
6	Lid	86.3506	1
7	Battery mounting plate	86.3507	1
8	Mounting plate long	86.3508	1
9	Mounting plate short	86.3509	2
10	Distance plate long	86.3510	2
11	Distance plate short	86.3511	8
12	Wiring kit	86.3550	1
13	Battery cut-off switch	OT.33.02.055	1
14	U-clamp M8x25	OT.05.01.005	4
15	Bolt M6x12 ISO 7380	OT.02.03.010	18
16	Bolt M6x20 ISO 7380	OT.02.03.030	2
17	Carriage bolt M8x90 DIN603	OT.02.05.085	6
18	Bolt M8x200 DIN 933	OT.02.02.295	2
19	Washer Ø6/15 SFS3738	OT.04.03.020	20
20	Washer Ø8/20 SFS3738	OT.04.03.030	10
21	Nyloc nut M6 DIN985	OT.03.02.030	20
22	Nyloc nut M8 DIN985	OT.03.02.040	10



TOOLS REQUIRED FOR INSTALLATION:

- Spanner 10mm
- Spanner 13mm
- Socket wrench 13mm
- Allen wrench 4mm

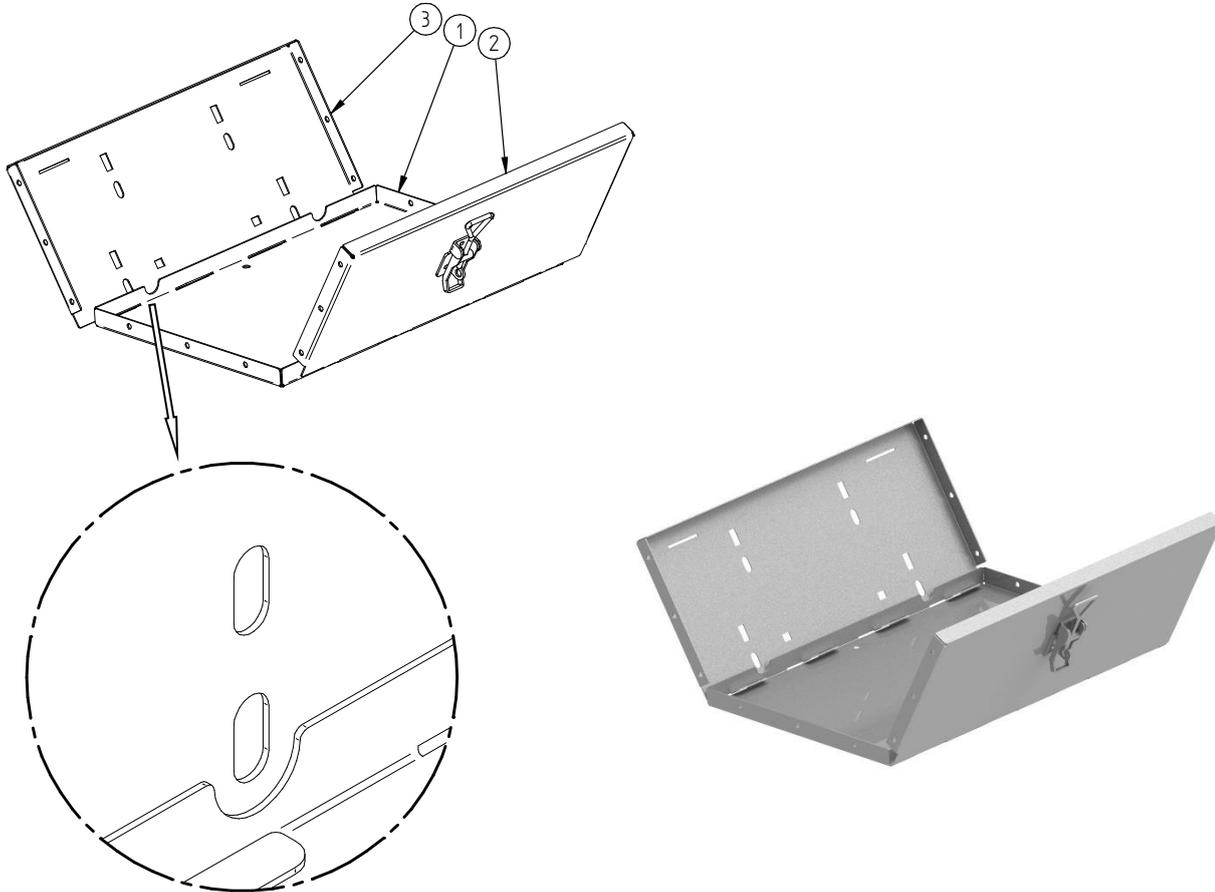


FITTING INSTRUCTIONS FOR TRAILER IB1200

Step 1

Install front plate (Pos.2) and rear plate (Pos.3) to the bottom plate (Pos.1). You may need to use some force to make walls perpendicular to the bottom plate.

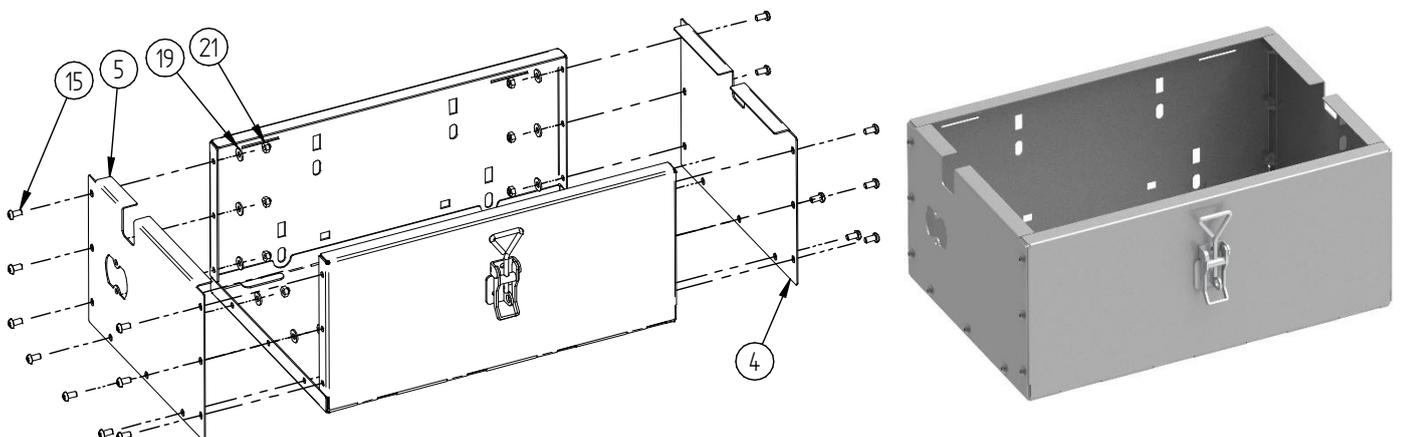
NB! Plates must be installed to the correct sides!



NB! Rear plate must be installed to the correct side!

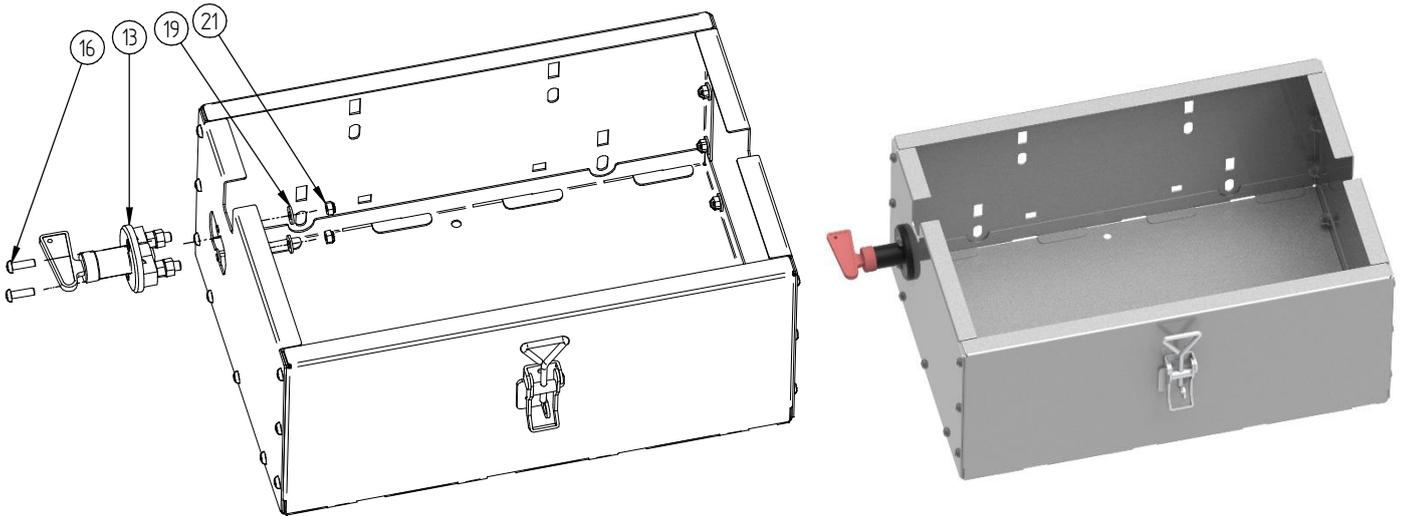
Step 2

Install sides (Pos.4, Pos.5). Sides are interchangeable, so you can install cut-off switch on desired side. For fastening use M6x12 bolts (Pos.15), Ø6 mm washers (Pos.19) and M6 nyloc nuts (Pos.21).



Step 3

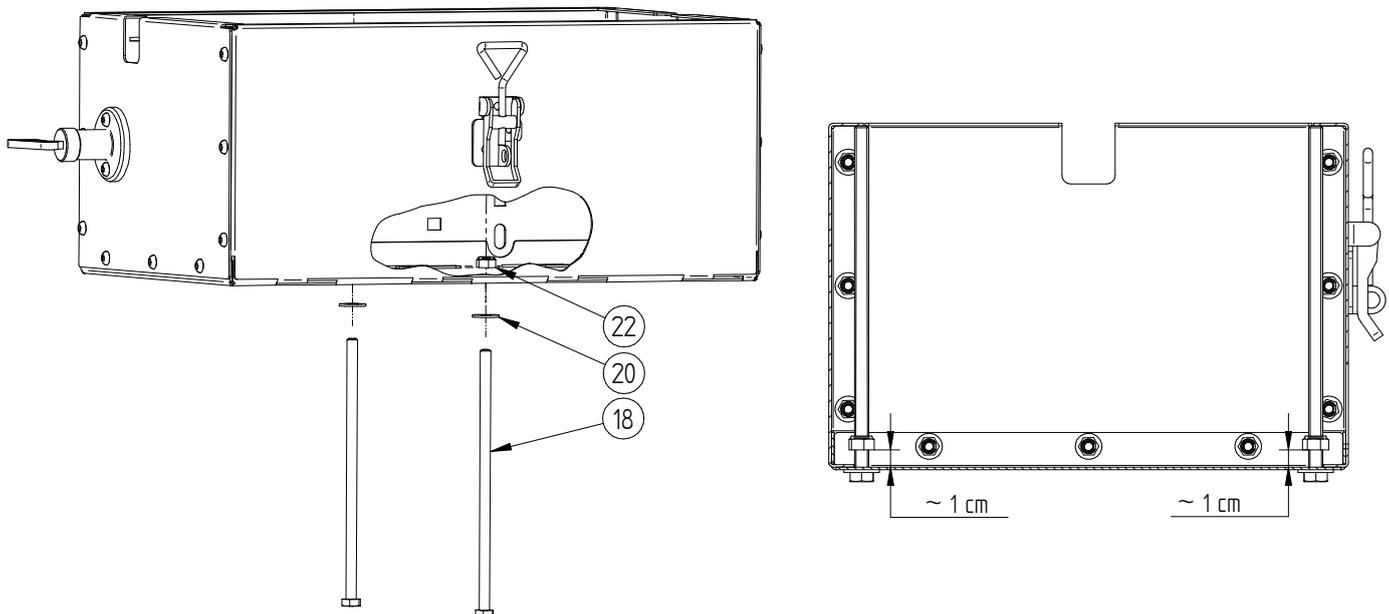
Install battery cut-off switch (Pos.13). For fastening use M6x20 bolts (Pos.16), Ø6 mm washers (Pos.19) and M6 nyloc nuts (Pos.21).



Step 4

Install M8x200 mounting bolts for battery (Pos.18). Install M8 nyloc nuts (Pos.22) to keep the bolts in place.

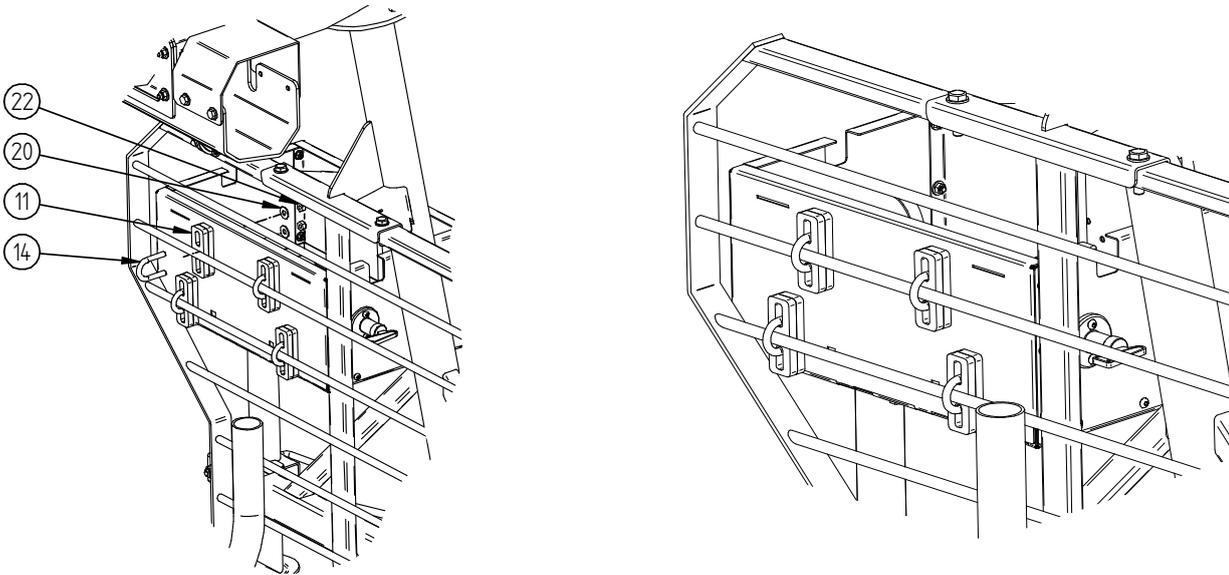
NB! Do not tighten the nuts! Leave at least 1cm gap between the nut and bottom plate!



Step 5

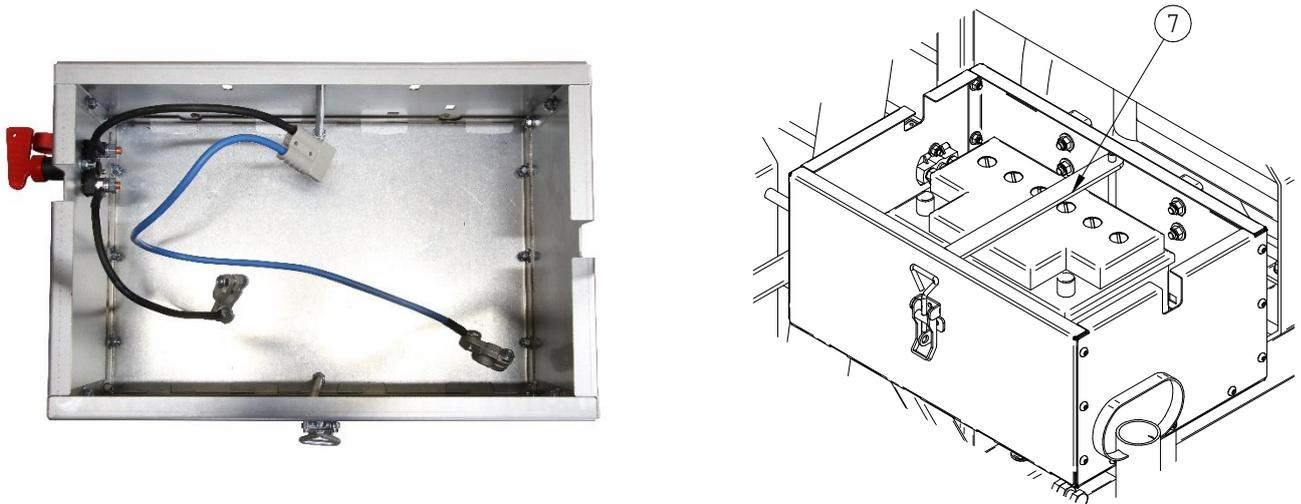
Install the battery box to the trailer protective fence. For fastening use M8x25 U-clamps (Pos.14), Ø8 mm washers (Pos.20) and M8 nyloc nuts (Pos.22).

NB! Install distance plates (Pos.11) (2 pcs) to the mounting points in between battery box and trailer protective fence.



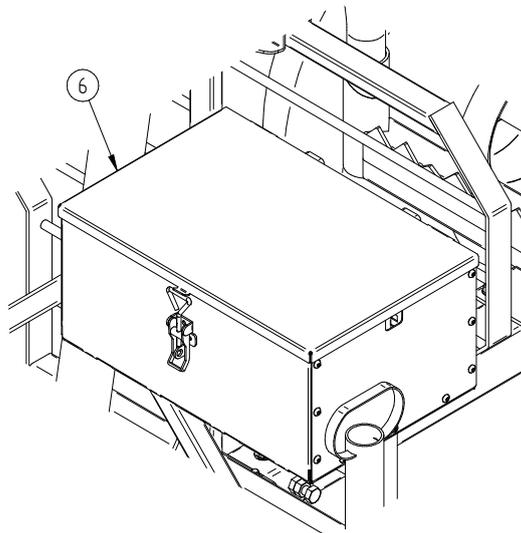
Step 6

Connect black wires to the battery cut-off switch. Install battery to the box and connect the terminals. Use battery mounting plate (Pos.7) to secure the battery.



Step 7

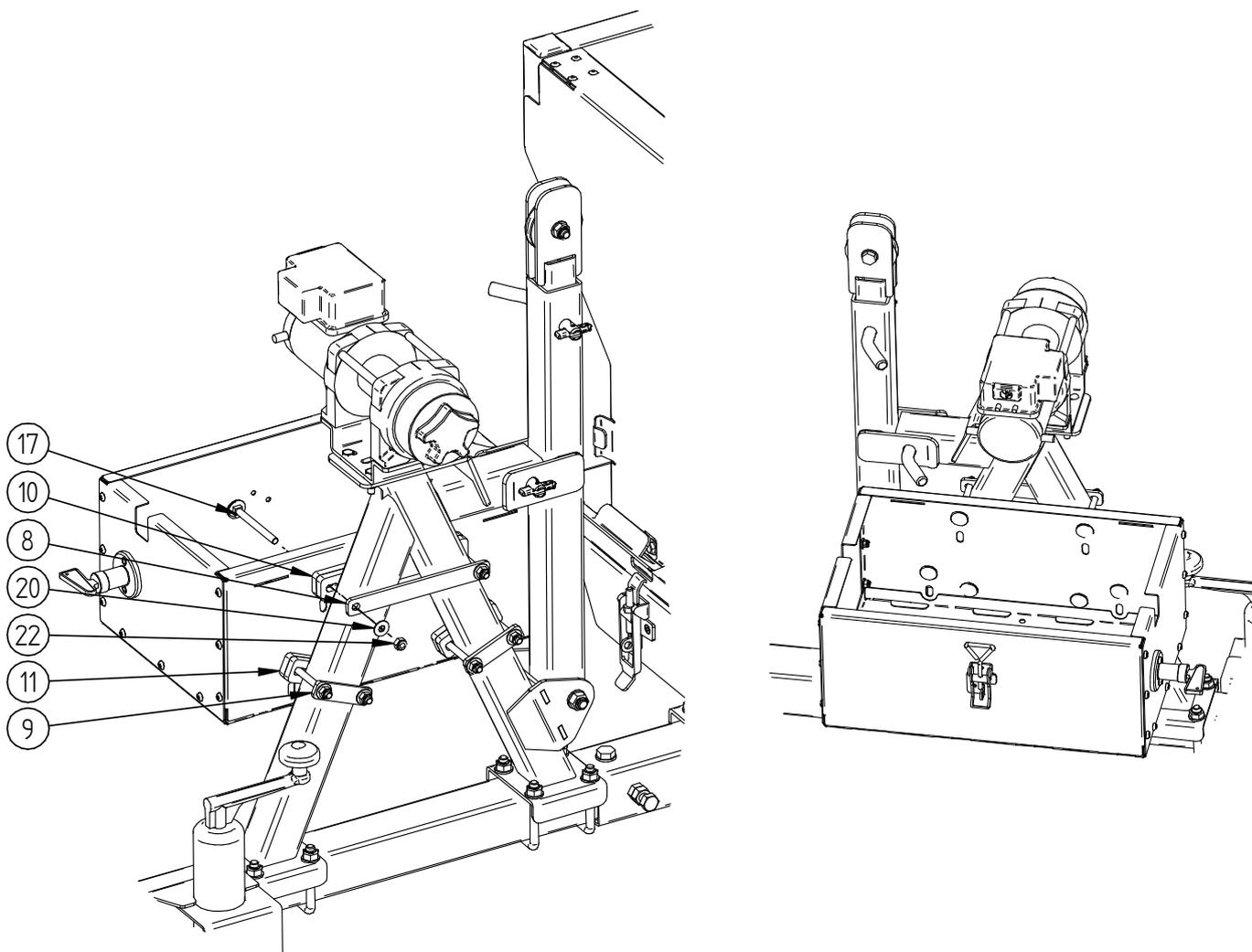
Install lid (Pos.6).



FITTING INSTRUCTIONS FOR LIFTING CRANE

Step 1

Follow steps 1 – 4 from previous instruction to assemble the box. Use M8x90 bolts (Pos.17), long distance plates (Pos.10), long mounting plate (Pos.8), Ø8 mm washers (Pos.20) and M8 nyloc nuts (Pos.22) to fix upper part of the box to the crane. Use M8x90 bolts (Pos.17), short distance plates (Pos.11), short mounting plates (Pos.9), Ø8 mm washers (Pos.20) and M8 nyloc nuts (Pos.22) to fix lower part of the box to the crane.



Step 2

Follow steps 6 – 7 from previous instruction to install the battery and the lid.

IRON BALTIC

IRON BALTIC OÜ
Joa tee 17
Vääna 76903
Estonia / Europe

+372 6 533 711
sales@ironbaltic.com

www.ironbaltic.com
www.facebook.com/ironbaltic
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