



CRANE IB-1200

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USER MANUAL



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Code 23.3000

Version 06122023

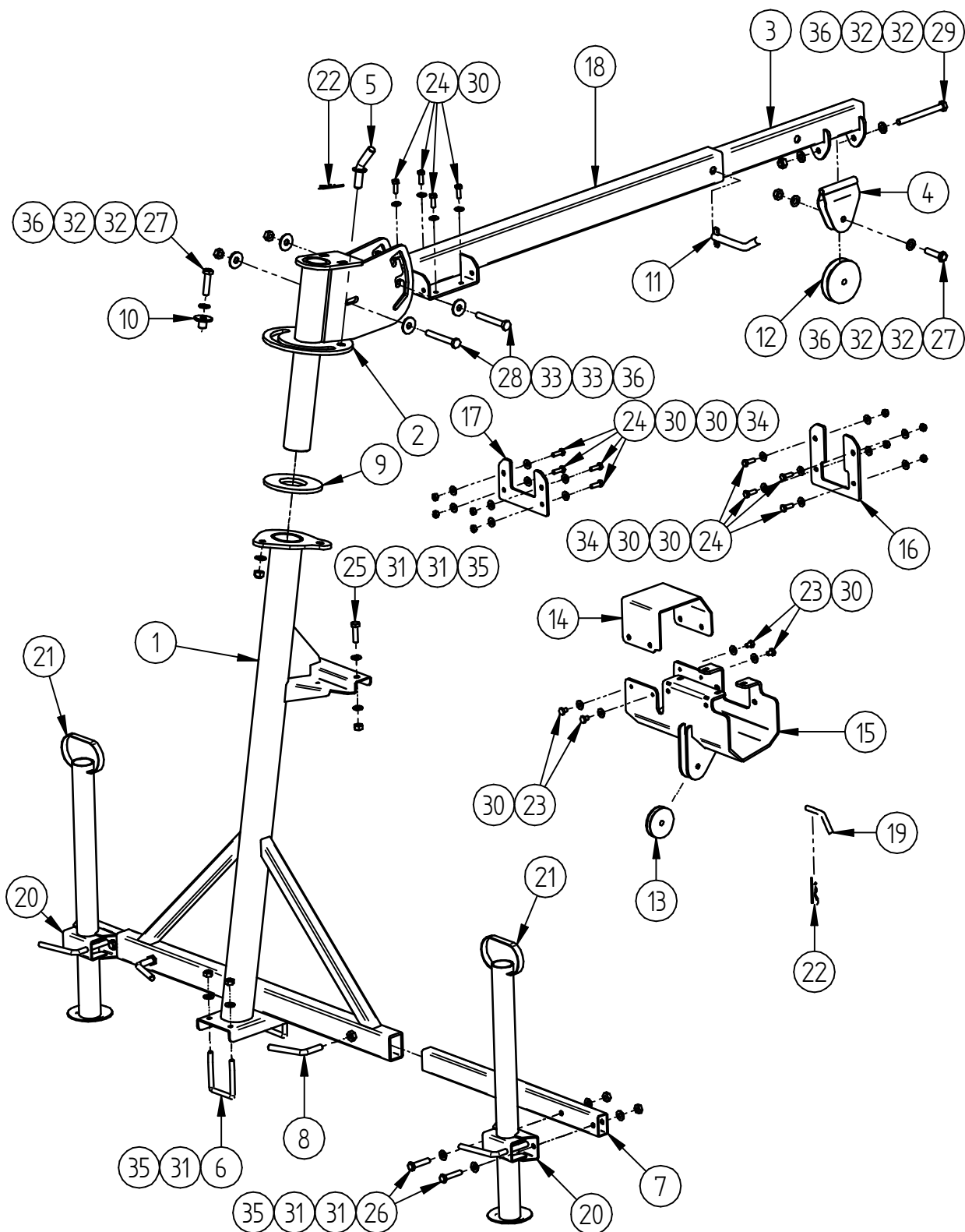


Keep this manual for future reference!

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

SPECIFICATION

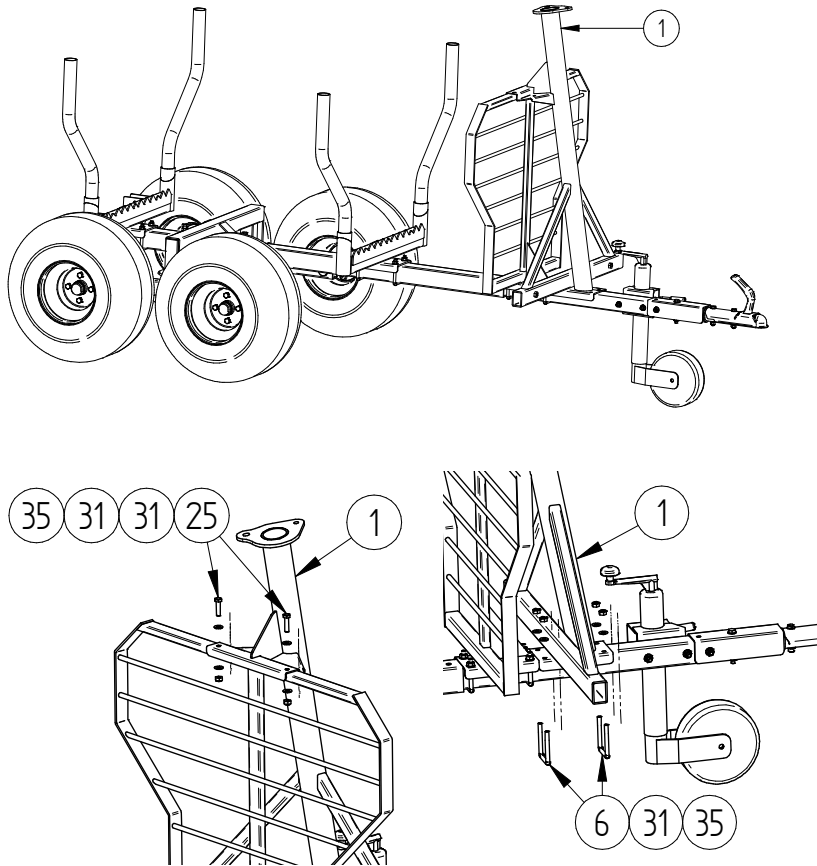
Pos.	Description	Code	Amount
1	Crane mast	23.3010	1
2	Boom holder	23.3020	1
3	Crane boom extension	23.3040	1
4	Pulley holder 1	23.3050	1
5	Boom holder pin	23.3060	1
6	U-bolt 60x60	23.1006	2
7	Support leg tube	23.3001	2
8	Support leg lock	23.3002	2
9	Plastic disc	23.3003	1
10	Limiter bush	23.3004	1
11	Quick Lock pin	OT.53.00.045	1
12	Pulley D98	23.3053	1
13	Pulley D70	23.4012	1
14	Winch top cover	23.7003	1
15	Winch bottom cover	23.7010K	1
16	Cover reinforcement plate 1	23.7012	1
17	Cover reinforcement plate 2	23.7013	1
18	Crane boom	23.7014K	1
19	Pulley pin	23.3062	1
20	Support leg bracket	OT.10.02.055	2
21	Support leg	OT.10.02.052	2
22	Cotter pin 3 DIN 11024	OT.07.01.020	2
23	Bolt M8x12 DIN933	OT.02.02.168	4
24	Bolt M8x25 DIN933	OT.02.02.190	12
25	Bolt M10x40 DIN933	OT.02.02.330	2
26	Bolt M10x50 DIN933	OT.02.02.340	4
27	Bolt M12x50 DIN933	OT.02.02.430	2
28	Bolt M12x90 DIN931	OT.02.01.120	2
29	Bolt M12x130 DIN931	OT.02.01.132	1
30	Washer Ø8/20 SFS3738	OT.04.03.030	24
31	Washer Ø10 DIN125	OT.04.01.040	16
32	Washer Ø12 DIN125	OT.04.01.050	6
33	Washer Ø12 DIN9021	OT.04.02.060	4
34	Nyloc nut M8 DIN985	OT.03.02.040	8
35	Nyloc nut M10 DIN985	OT.03.02.050	10
36	Nyloc nut M12 DIN985	OT.03.02.060	5
37	Tube cap 48,3x2-3,6	OT.25.00.100	1



FITTING INSTRUCTIONS

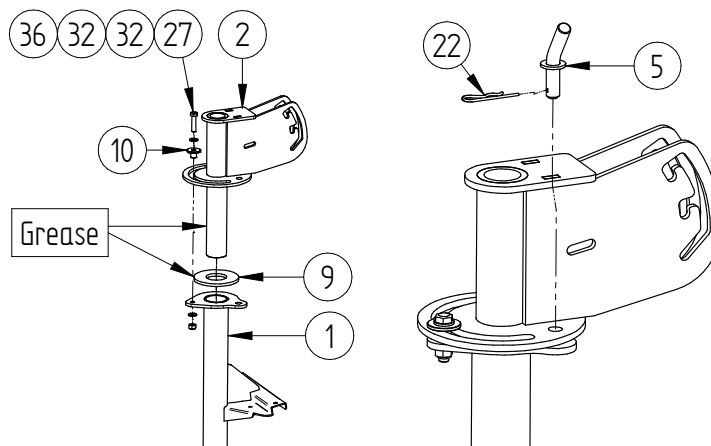
Step 1

Install crane mast (Pos.1) to the trailer frame. Fasten the mast to the drawbar tube using U-bolts (Pos.6), Ø10 washers (Pos.31) and M10 nyloc nuts (Pos.35) and to the protective grille using M10x40 bolts (Pos.25), Ø10 washers (Pos.31) and M10 nyloc nuts (Pos.35).



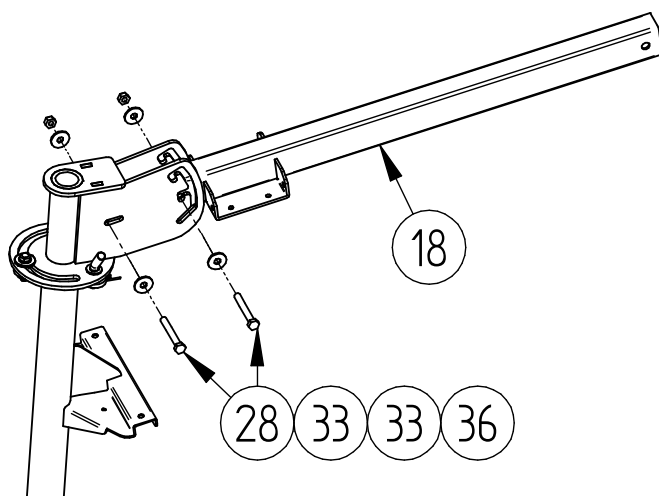
Step 2

Install the boom holder (Pos.2) and plastic disc (Pos.9) between the boom holder and the crane mast. Attach the limiter bush (Pos.10) to boom holder and fasten the boom holder to the crane mast with M12x50 bolt (Pos.27), Ø12 mm washer (Pos.32) and M12 nyloc nut (Pos.36). Tighten the bolt so that the boom holder can move freely. Lock the boom holder to the centre position with the pin (Pos.5). NB! Grease the surfaces of the boom holder and the plastic disc shown in the figure!



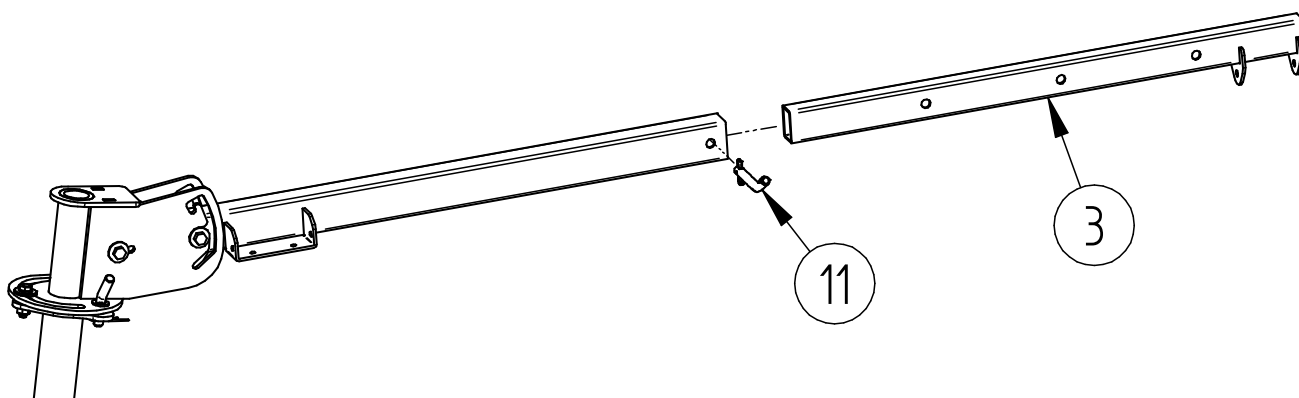
Step 3

Install crane boom (Pos.18). For fastening use M12x90 bolts (Pos.28), Ø12 mm washers (Pos.33) and M12 nyloc nuts (Pos.36). Tighten the bolts so that the angle of the crane boom can be easily changed / the crane boom moves freely.



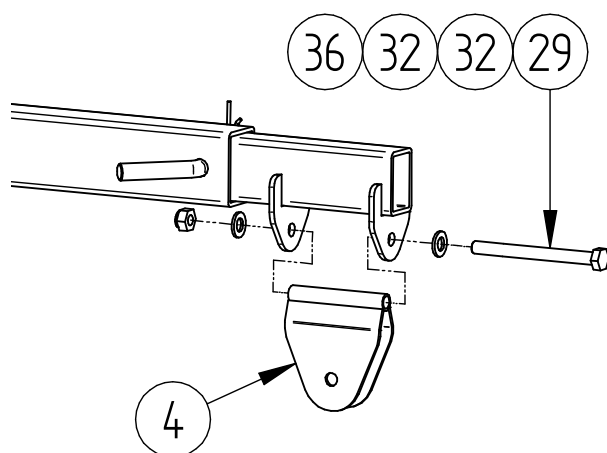
Step 4

Install crane boom extension (Pos.3) and fix the position with boom pin (Pos.11).



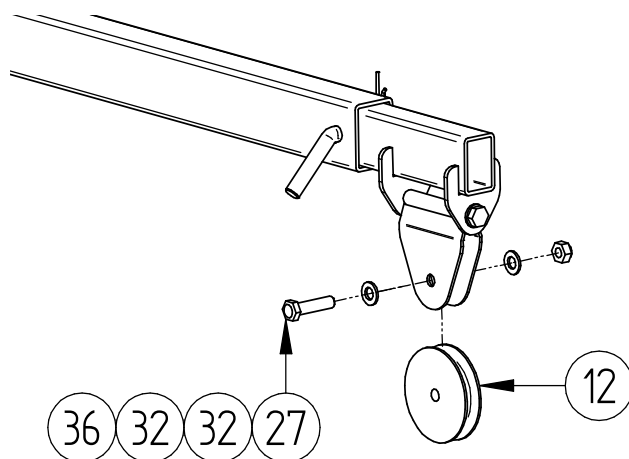
Step 5

Install pulley holder (Pos.4). For fastening use M12x130 bolt (Pos.29), Ø12 mm washers (Pos.32) and M12 nyloc nuts (Pos.36). Tighten the bolt so that the pulley holder moves freely.



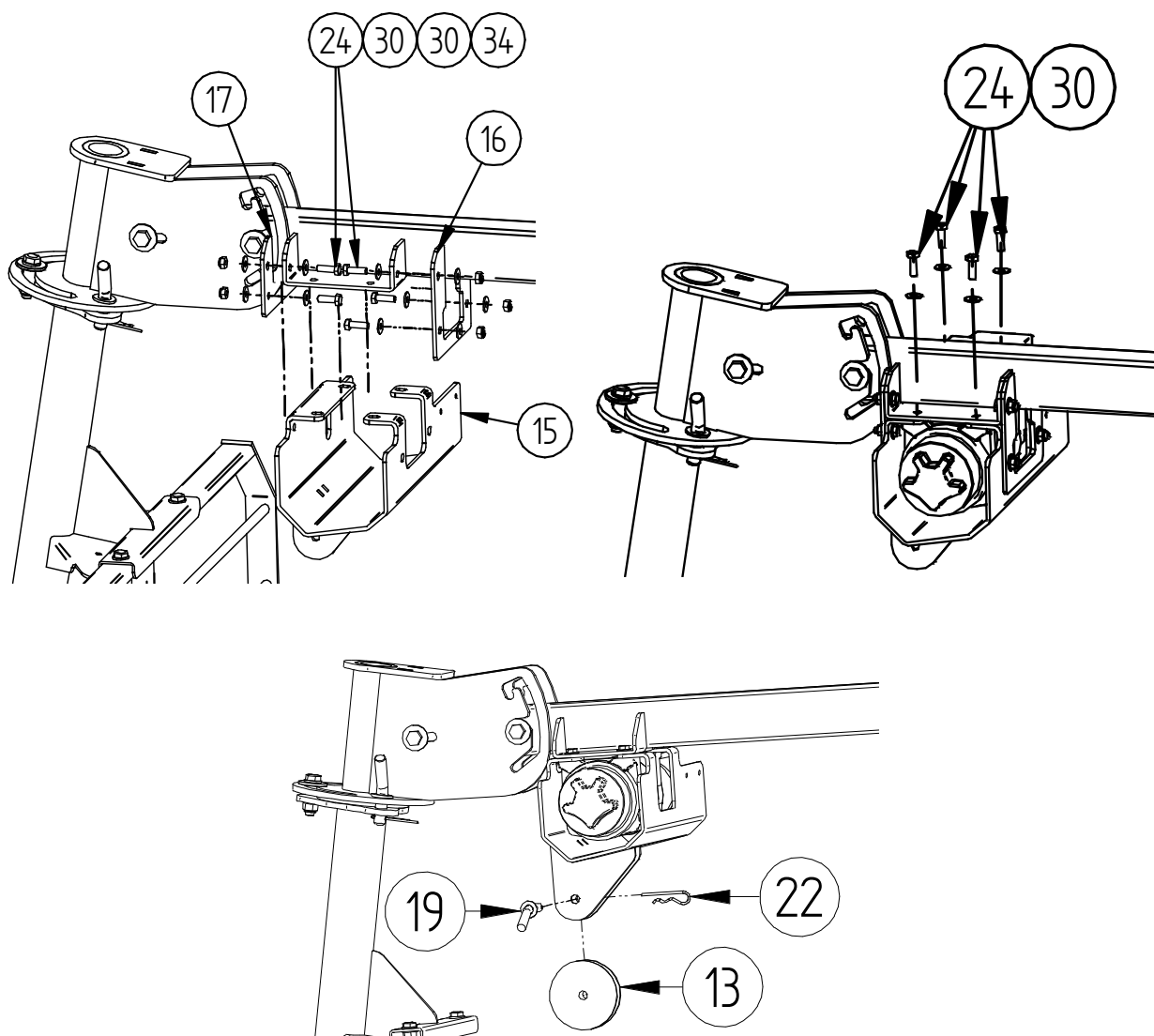
Step 6

Install pulley (Pos.12). For fastening use M12x50 bolt (Pos.27), Ø12 mm washers (Pos.32) and M12 nyloc nut (Pos.36). Tighten the bolt so that the pulley can rotate freely.



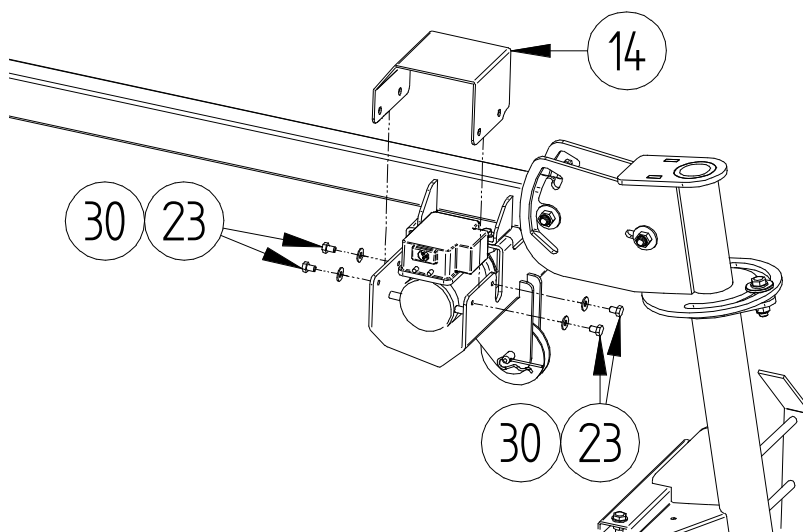
Step 7

Install winch bottom cover (Pos.15) together with winch (optional accessory) and reinforcement plates (Pos.16 and Pos.17) and the pulley (Pos.13). Use M8x25 bolts (Pos.24), Ø8 mm washers (Pos.30) and M8 Nyloc nuts (Pos.34) to fasten the holder and reinforcement plates and fasten the pulley with a pin (Pos.19). Install reinforcement plate bolts from inside out!



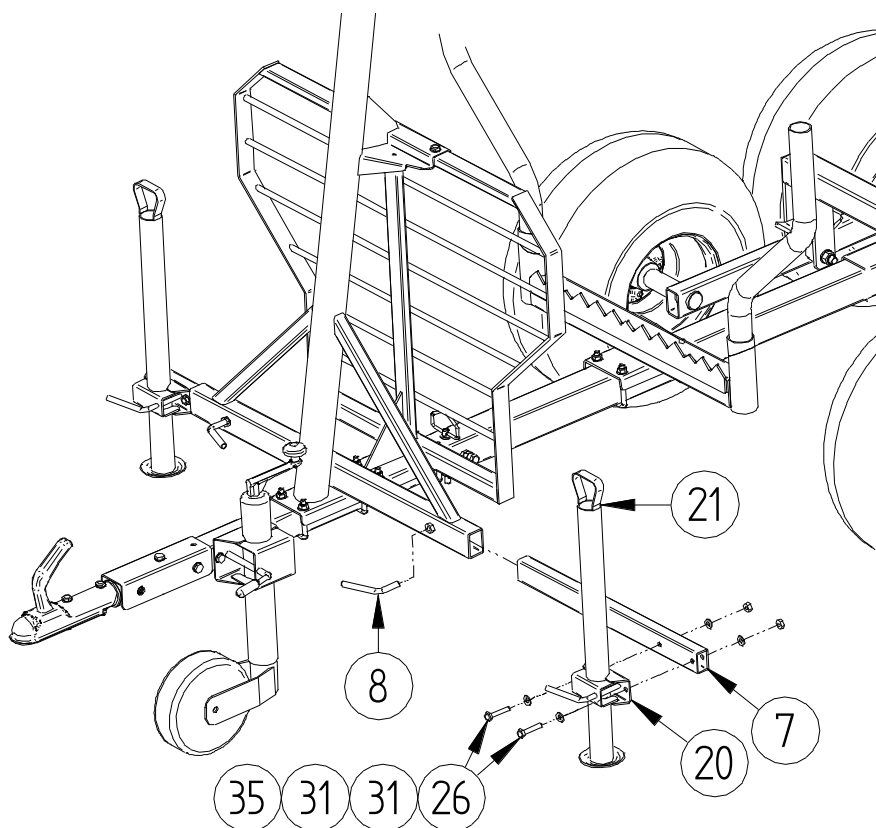
Step 8

Install winch top cover (Pos.14). For fastening use M8x12 bolts (Pos.23) and Ø8 mm washers. (Pos.30).



Step 9

Install support legs (Pos.21) together with support leg bracket (Pos.20) and leg tube (Pos.7). Use M10x50 bolts (Pos.26), Ø10 mm washers (Pos.31) and M10 nyloc nuts (Pos.35) to fasten the support leg bracket to leg tube. Fix the position of the leg tube to the crane mast with the lock (Pos.8).



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