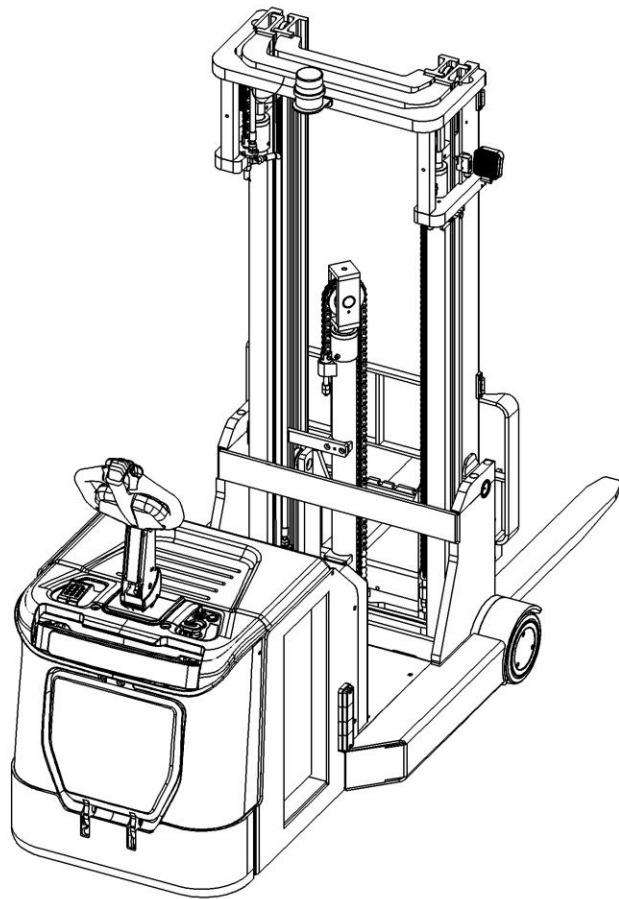


NOBLELIFT

SPAREPARTS LIST

PSCB Electric Stacker (PSCB 12/16/18)



Version 07/2021

From truck identification number:

PSCB 12/16/18-BPT-002-EN

Catalogue

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Fig.1 Label (for US)

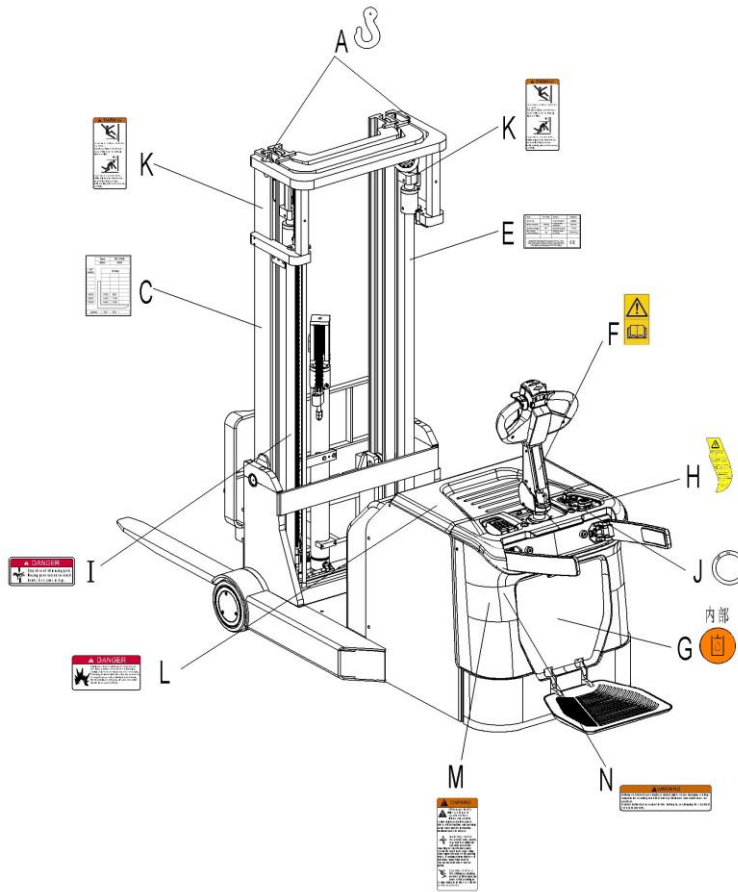


Fig.1 Label (For US)

No.	Art No.	Description	Qty.	Note
A	941200300001	Crane hook label	2	
C	204447520000	Residual lift capacity sticker	1	
E	204447020000	CE label	1	
F	941200300002	Sticker to read and follow these instructions	1	
G	941200300003	Filling sticker	1	
H	941200300018	Warning sticker	1	
I	941200100014	Warning sticker	1	
J	941200400013	Indicating sticker	1	
K	941200100016	Warning sticker	2	
L	941200100013	Warning sticker	1	
M	941200100009	Warning sticker	1	
N	941200100010	Warning sticker	1	

Fig. 2 Label (For EU)

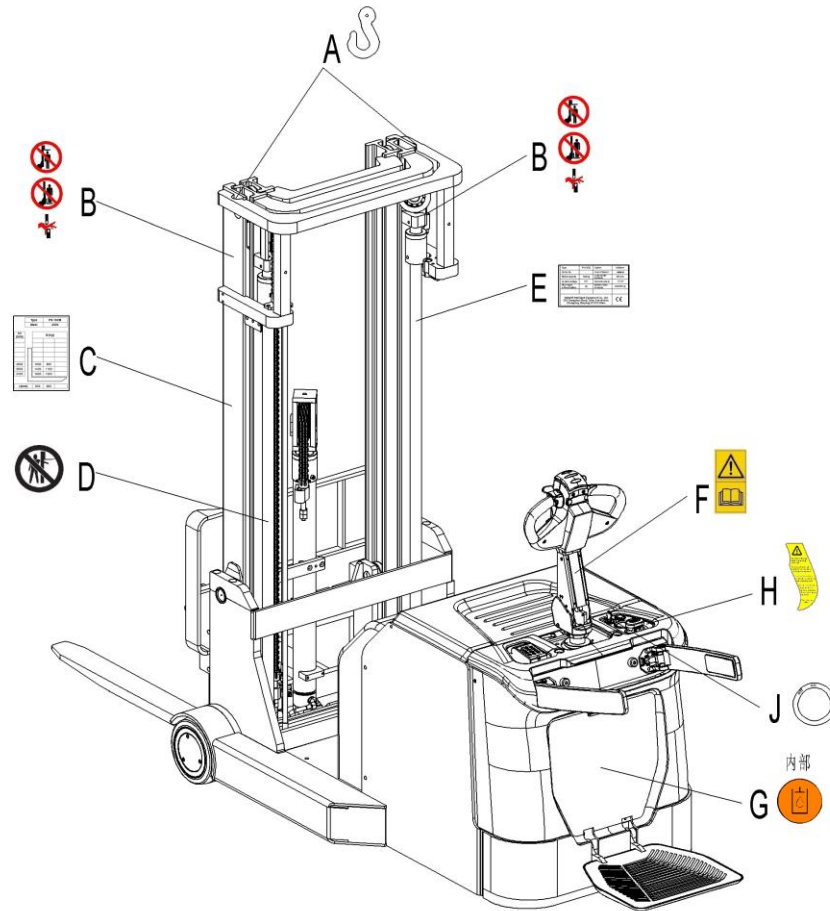


Fig.1 Label (For EU)

No.	Art No.	Description	Qty.	Note
A	941200300001	Crane hook label	2	
B	941200100004	Warning decal: Do not step under or on the forks	2	
C	204447520000	Residual lift capacity sticker	1	
D	941200100006	Never reach through	1	
E	204447020000	CE label	1	
F	941200300002	Sticker to read and follow these instructions	1	
G	941200300003	Filling sticker	1	
H	941200300018	Warning sticker	1	
J	941200400013	Indicating sticker	1	

Fig.3 Chassis

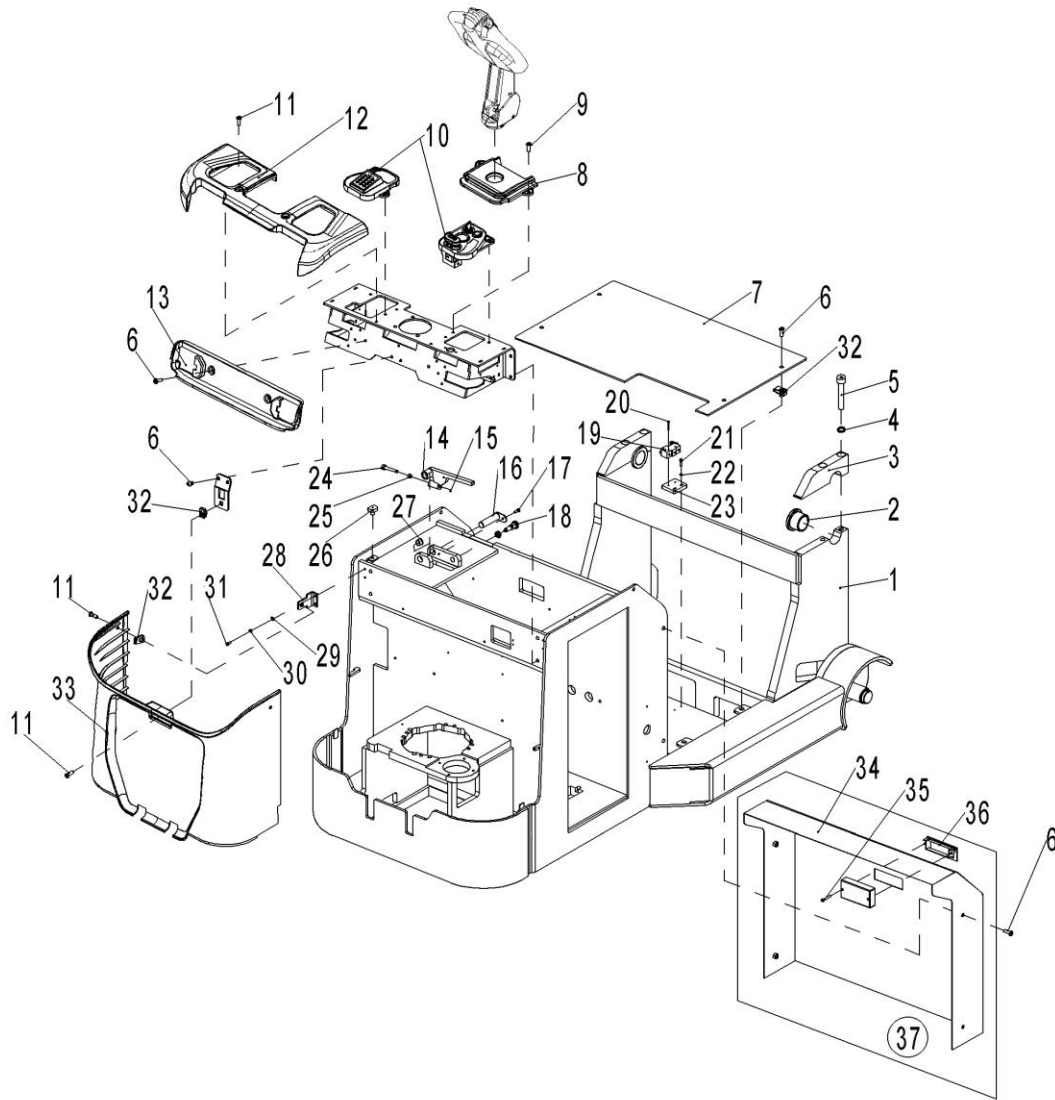


Fig. 3 Chassis

No.	Art No.	Description	Qty.	Note
1	204421510004	Chassis welding	1	PSCB 12
	204421510000	Chassis welding	1	PSCB 16
	204421510003	Chassis welding	1	PSCB 18
2	940500400001	Oilless bearing	2	
3	204421520026	pressing plate	2	
4	910400500010	Spring washer	4	16

5	910200200126	Screw	4	M16x65
6	941100100005	Screw	12	M10x15
7	204421520051	Cover	1	PSCB 12
	204421520027		1	PSCB 16
	204421520042		1	PSCB 18
8	535921520042	Protective cover	1	
9	910200200074	Screw	2	M10x16
10	535910001007	Panel components	1	without pin-code panel
	535910001006	Panel components	1	with pin-code panel
11	941100100004	Screw	5	M10x30
12	535921520040	Protective cover	1	
13	535921520041	Protective cover	1	
14	535921510003	Baffle welding	1	
15	910401300002	Elastic ring	1	10
16	535921510004	Plate with axle	1	
17	910200400017	Screw	1	M6x16
18	940800900002	Pin	1	With nut
19	920200300003	Micro switch	1	
20	910200500016	Screw	2	M3x25
21	910200200016	Screw	2	M4x20
22	910400100003	Flat washer	2	4
23	204424020002	Mounting plate	1	
24	535921520037	Short axle	1	
25	535921520038	Spacer bushing	1	
26	505938520016	Damping pad	1	
27	940500200008	Bushing	2	
28	535921520031	Mounting plate	2	
29	910400100005	Flat washer	13	6
30	910400500005	Spring washer	13	6
31	910200200035	Screw	8	M6x16
32	940400400003	Nut	3	M10
33	535921520039	Protective cover	1	
34	204421510001	Cover welding	1	
35	910200500015	Screw	2	M3x20
36	206521510010	Handle	1	
37	204421510002	Cover components	1	

Fig. 4 Protective arm components

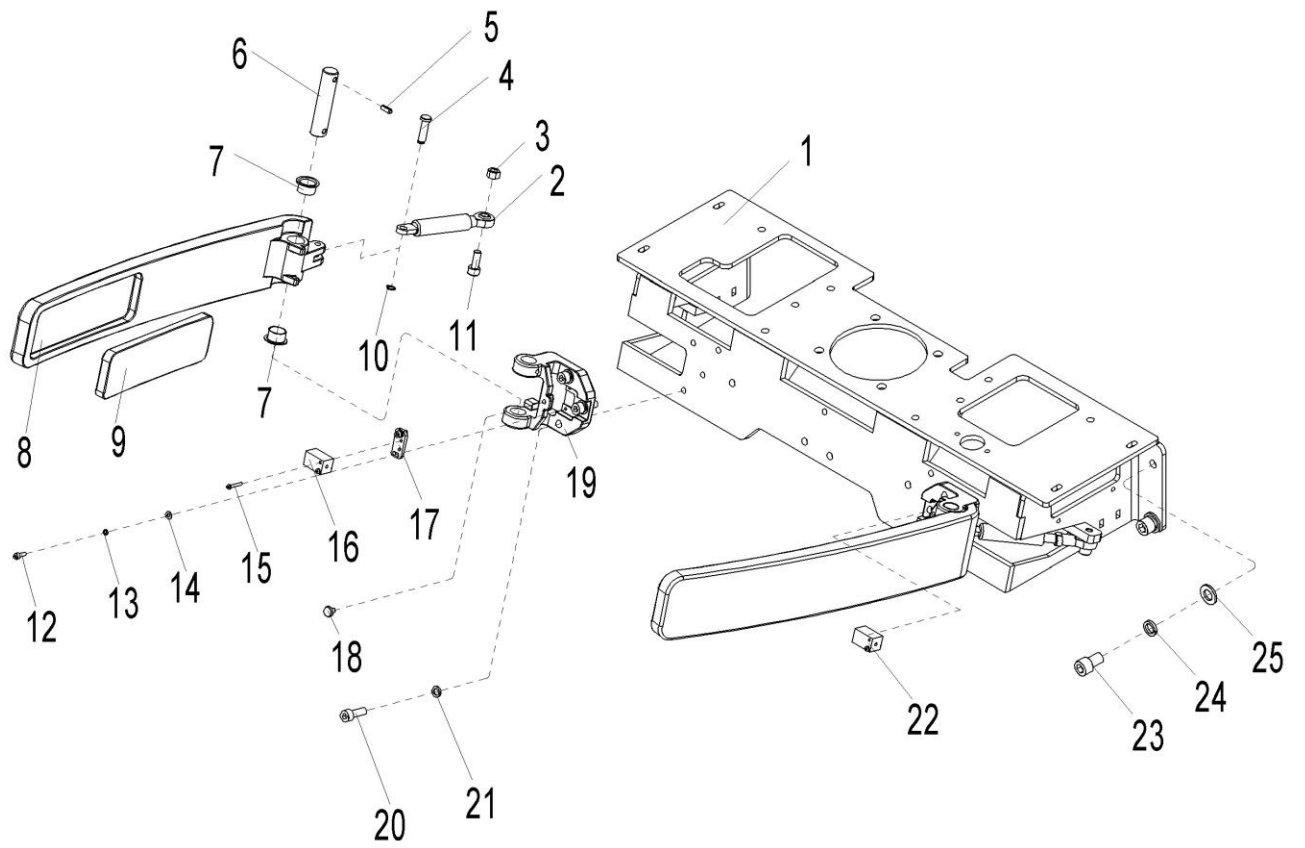


Fig. 7 Protective Arm Components

No.	Art No.	Description	Qty.	Note
1	535917510000	Protective arm mounting base welding	1	
2	940400100037	Air spring	2	250N
3	910300100006	Nut	2	M8
4	535917520010	Axle	2	
5	910600400025	Dowel pin	2	5x30
6	535917520007	Axle	2	
7	940500200003	Bushing	2	
8	535917520008	Protective arm	2	
9	535917520009	Protective pad	2	
10	910401300001	Elastic ring	2	8
11	910200200060	Screw	2	M8x35
12	910200200014	Screw	4	M4x12
13	910400500003	Spring washer	4	4
14	910400100003	Flat washer	4	4
15	910200500015	Screw	4	M3x20
16	505633510002	Proximity switch	1	800mm
17	535917520011	Mounting plate	2	
18	535917520012	Protective pad	2	
19	535917520006	mounting base	2	
20	910200200058	Screw	6	M8x25
21	910400500006	Spring washer	6	8
22	535933510000	Proximity switch	1	420mm
23	910200200096	Screw	4	M12x20
24	910400500008	Spring washer	4	12
25	910400100008	Flat washer	4	12

Fig. 5 Panel components

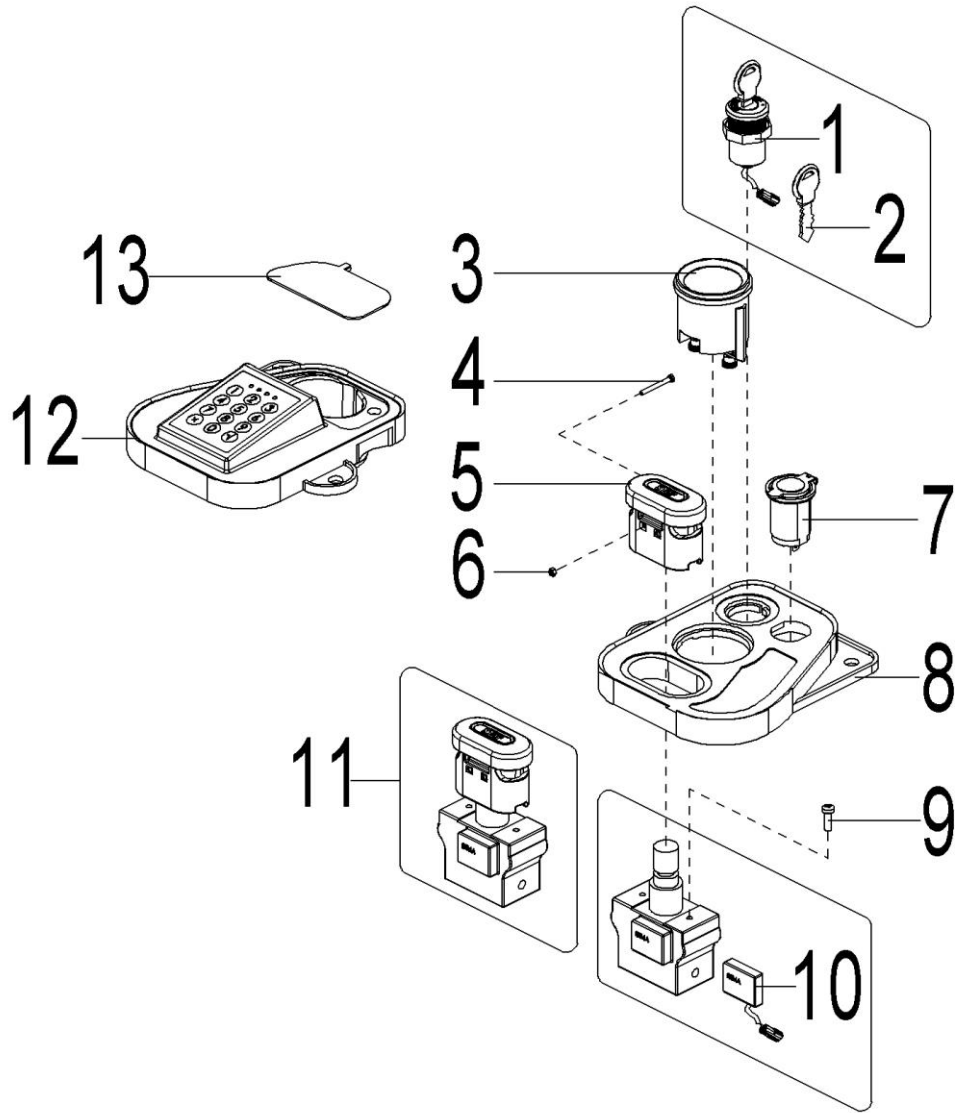


Fig. 5 Panel Components

No.	Art No.	Description	Qty.	Note
1	505634010000	Key switch	1	LKS-101A
	506734010000	Power button switch		
2	920200200001	Key	1	Only for LKS-101A key switch
3	921100100049	Panel	1	D13L
4	910200500017	Screw	2	M3x30
5	920200100006	Mounting base	1	
6	910300100002	Nut	2	M3
7	206033010036	USB port	1	
8	535910020001	Panel (Right)	1	
9	910200500040	Screw	2	M5x16
10	920200100011	Micro switch	1	
11	920200100007	Emergency mounting base	1	ZDK32-350-1
12	535910020004	Panel plate (Left)	1	With pin-code panel
	535910020002	Panel plate (Left)		Without pin-code panel
13	535910020003	Sealing plate	1	

Fig. 6 Battery cover components

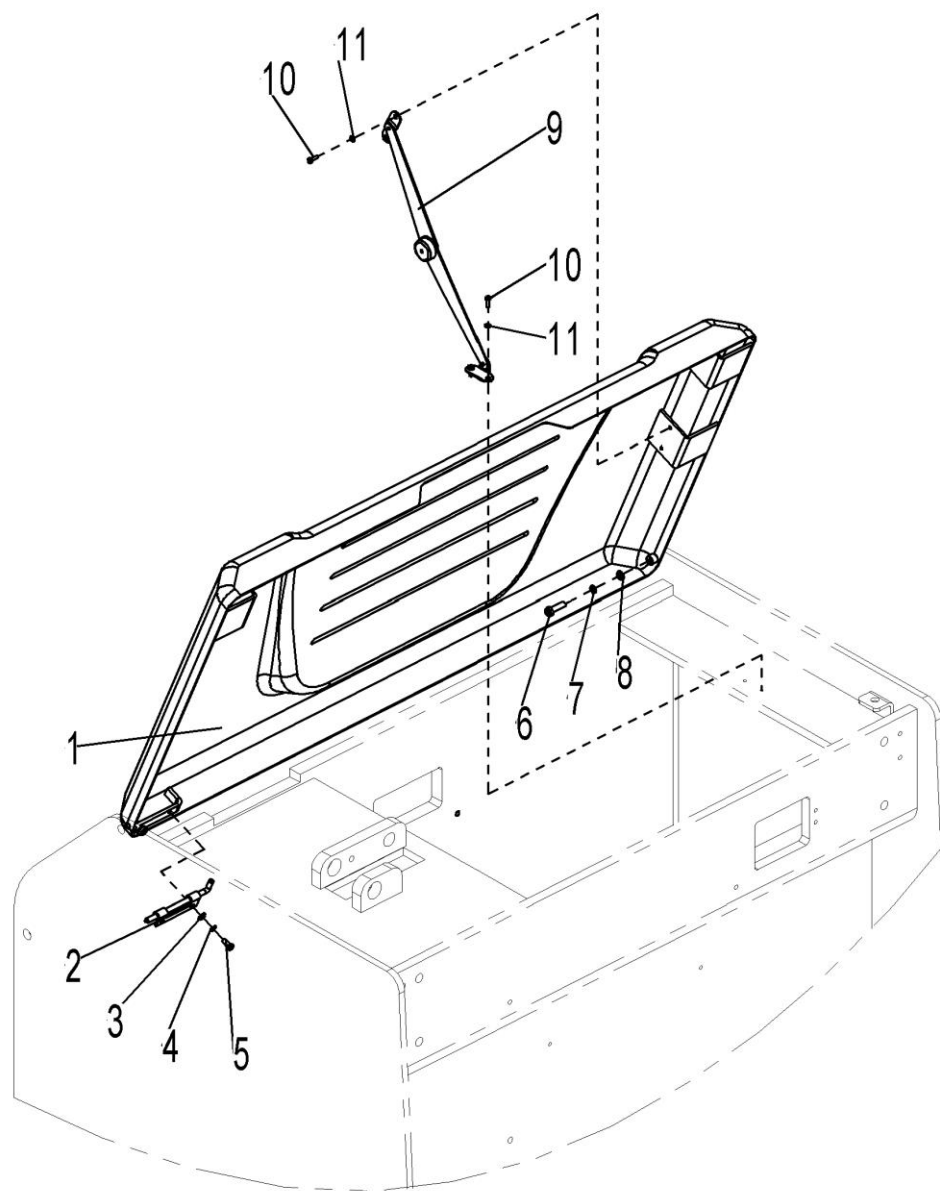


Fig. 6 Battery Cover Components

No.	Art No.	Description	Qty.	Note
1	204421010001	Battery cover welding	1	
2	940800900001	Pin	1	
3	910400100003	Spring washer	2	4
4	910400500003	Flat washer	2	4
5	910200200013	Screw	2	M4x10
6	910200200024	Screw	1	M5x20
7	910400500004	Spring washer	1	5
8	910400100004	Flat washer	1	5
9	206521510003	Position limiter	1	
10	910200300006	Screw	4	M4x10
11	910400500003	Flat washer	4	4

Fig.7 Power supply

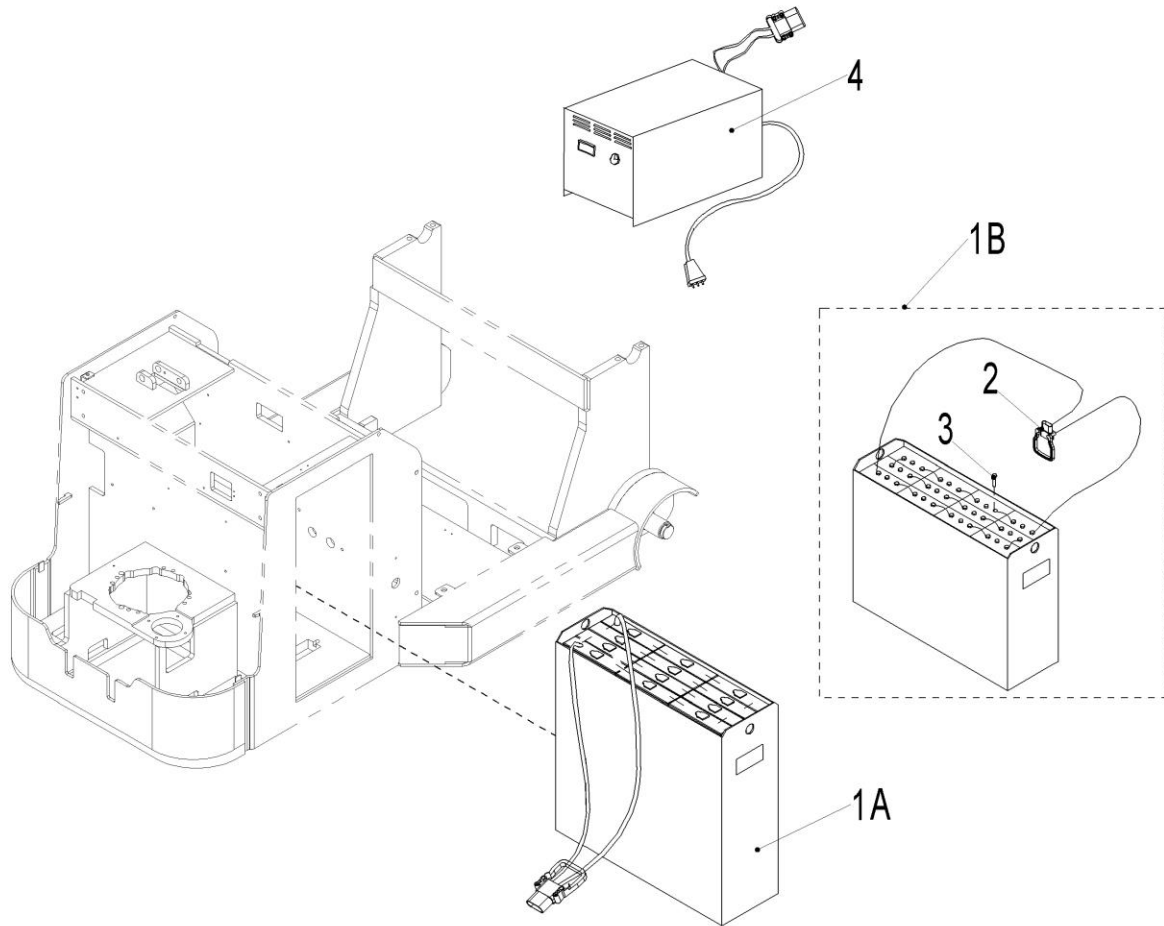


Fig. 7 Power supply

No.	Art No.	Description	Qty.	Note
1A	532937010001	Battery,24V-3PZS270	1	PSCB12/16 Weld type
	532637010002	Battery,24V-3PZS350	1	PSCB18 Weld type
1B	532937010002	Battery,24V-3PZS270	1	PSCB12/16 Bolt type
	532637010003	Battery,24V-3PZS350	1	PSCB18 Bolt type
2	505698510001	Plug components (270Ah)	1	Only for bolt type battery
	532698510008	Plug components (350Ah)	1	
3	505698520000	Screw	24	
4	921000200019	Charger,SN24V45A	1	Asia Chinese
	921000200020	Charger,SN24V45A	1	Asia English
	921000200021	Charger,SN24V45A	1	EU
	921000200022	Charger,SN24V45A	1	AUS
	921000200023	Charger,SN24V45A	1	ENG
	921000200024	Charger,SN24V45A	1	US
	921000200183	Charger,SN24V35A	1	Asia Chinese
	921000200184	Charger,SN24V35A	1	Asia English
	921000200185	Charger,SN24V35A	1	EU
	921000200186	Charger,SN24V35A	1	AUS
	921000200187	Charger,SN24V35A	1	ENG
	921000200188	Charger,SN24V35A	1	US
	921000200365	Charger,SN24V35A	1	ISR
	921000200284	Charger,WT24V35A	1	Asia Chinese
	921000200290	Charger,WT24V35A	1	Asia English
	921000200294	Charger,WT24V35A	1	EU
	921000200302	Charger,WT24V35A	1	AUS
	921000200298	Charger,WT24V35A	1	ENG
	921000200306	Charger,WT24V35A	1	US
	921000200366	Charger,WT24V35A	1	ISR

Note:350Ah with 45A charger, 270Ah with 35A charger.

Fig.8 Tiller assembly

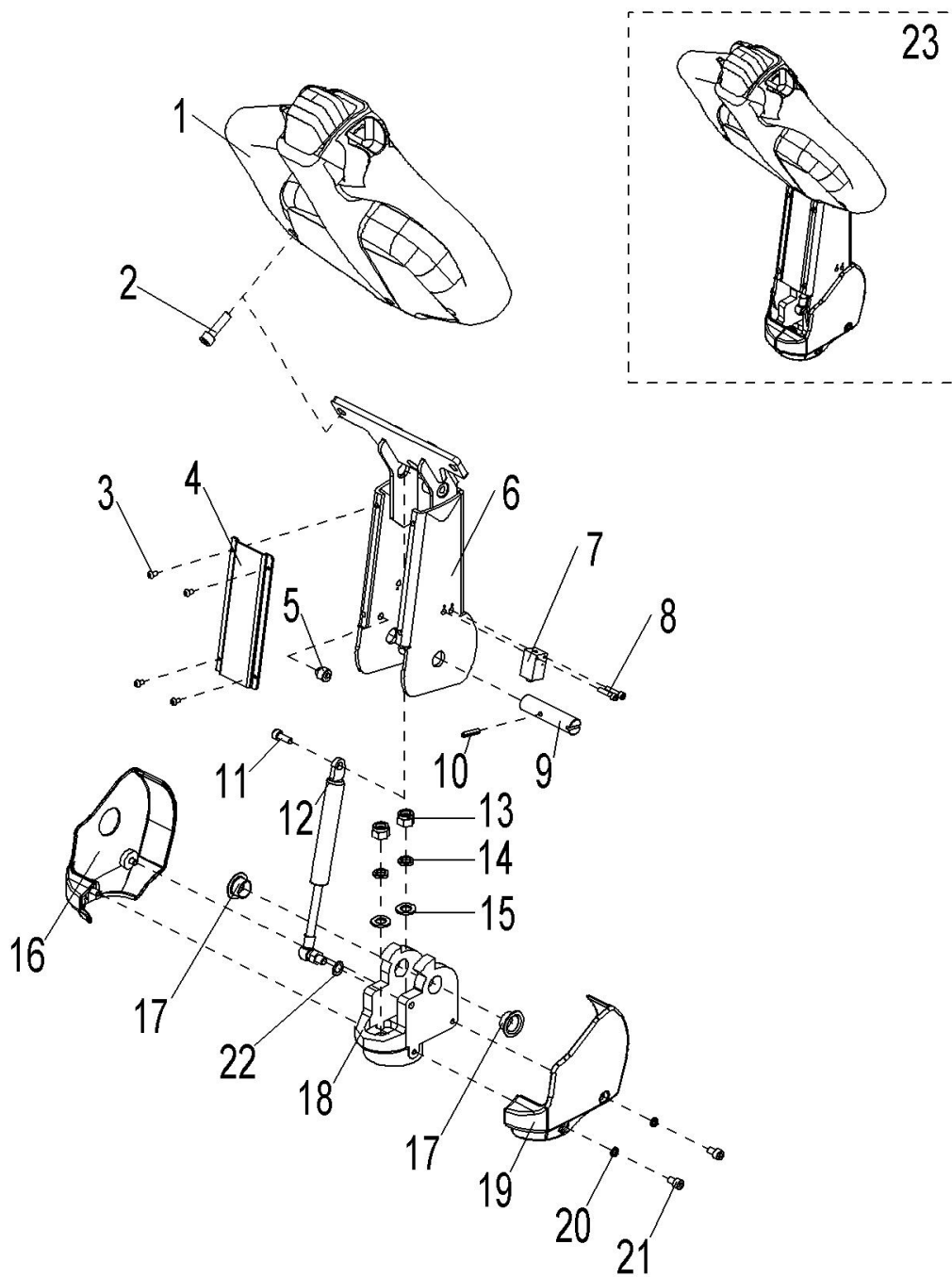


Fig.8 Tiller Assembly

No.	Art No.	Description	Qty.	Note
1	922100100036	Tiller components	1	
2	910200200058	Screw	2	M8x25
3	910200300005	Screw	4	M4x8
4	535911020003	Plate	1	
5	505611020007	Limit screw	1	M8x5
6	535911010000	Tiller welding	1	
7	506733510002	Proximity switch	1	280mm
8	910200500015	Screw	2	M3x20
9	505611020008	Axle	1	
10	910600400013	Dowel pin	1	4x24
11	910200200057	Screw		M8x20
12	940400100001	Air spring	1	330N
13	910300500005	Nut	2	M10
14	910400500007	Spring washer	2	10
15	910400100007	Flat washer	2	10
16	535911020005	Protective cover	1	
17	940500200002	Bushing	2	
18	535911020004	Tiller base	1	
19	535911020006	Protective cover	1	
20	910400500005	Spring washer	2	6
21	910200300016	Screw	2	M6x10
22	910400100006	Flat washer	1	8
23	204411001000	Tiller assembly	1	

Fig.9 Tiller components

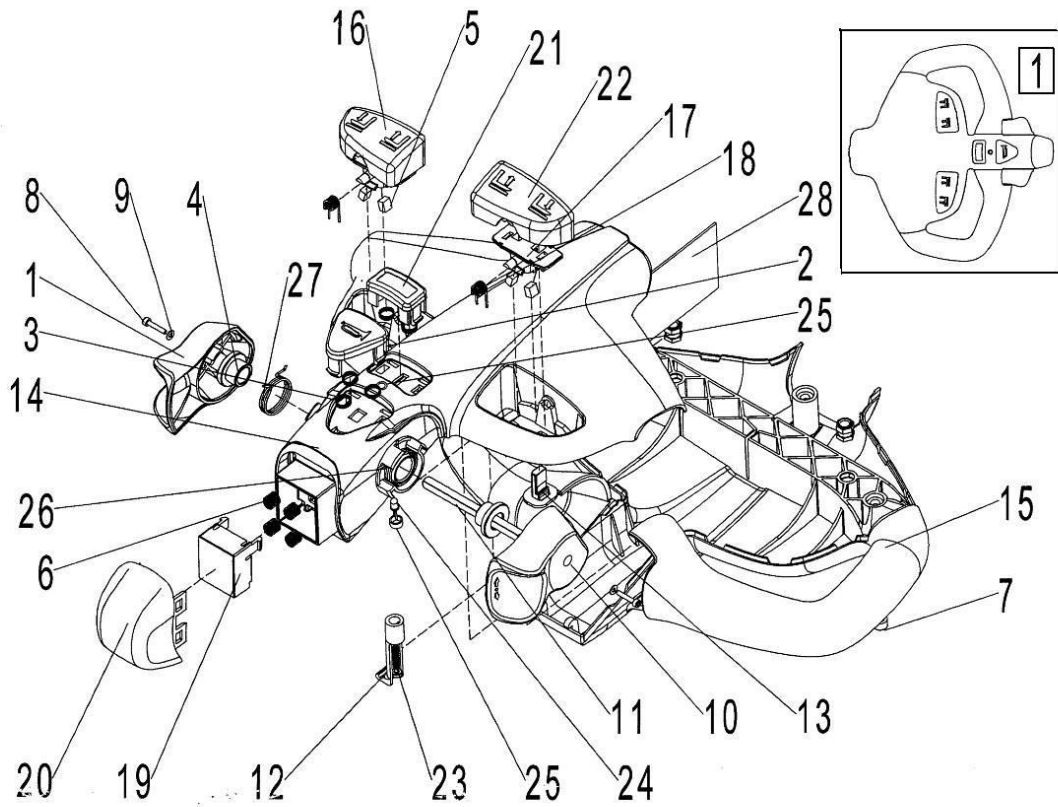


Fig.9 Tiller Components

No.	Art No.	Description	Qty.	Note
1	505698520001	Left driving knob	1	
2	505698520002	Horn	1	
3	505698520003	Spring	5	
4	505698520004	Sleeve	2	
5	505698520005	Magnet	4	
6	505698520006	Spring of emergent reverse button	4	
7	505698520007	Screw	3	M6x10
8	505698520008	Screw	2	M3x16
9	505698520009	Flat pad	2	3
10	505698520010	Right driving knob	1	
11	505698520011	Driving knob Axle	1	
12	505698520012	PCB clip	1	
13	505698520013	Sensor	2	
14	505698520014	Tiller	1	
15	505698520015	Tiller	1	
16	505698520016	Left button	1	
17	505698520017	Magnet fixing base	2	
18	505698520018	Torsional spring	2	
19	505698520019	Emergent reverse button base	1	
20	505698520020	Cover	1	
21	505698520021	Cover	1	
22	505698520022	Right button	1	
23	505698520023	Screw	1	ST4.2x25
24	505698520024	LED bi-color light	1	
25	505698520025	LED bi-color light base	1	
26	505698520026	Right driving knob torsional spring	1	
27	505698520027	Left driving knob torsional spring	1	
28	505698520028	PCB	1	

Fig. 10 Platform components

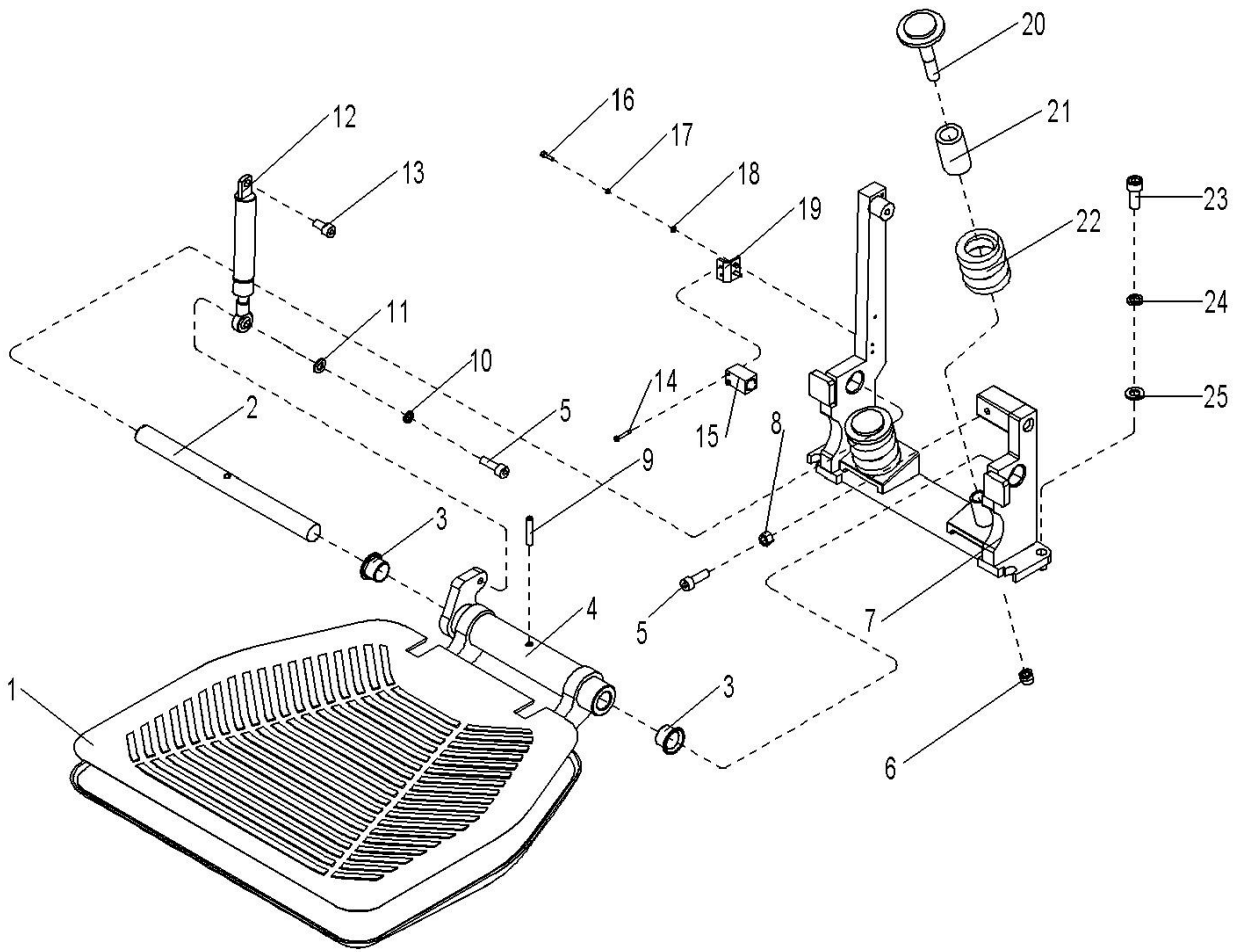


Fig. 10 Platform Components

No.	Art No.	Description	Qty.	Note
1	535918020019	Platform pad	1	
2	535918020014	Axle	1	
3	940500200008	Bushing	2	
4	535918010001	Platform welding	1	
5	910200200058	Screw	2	M8x25
6	910300500006	Nut	2	M12
7	535918010000	Mounting base welding	1	
8	910300100007	Nut	1	M10
9	910600400040	Dowel pin	1	6x35
10	910400500006	Spring washer	1	8
11	910400100006	Flat washer	1	8
12	940400100038	Air spring	1	800N
13	910200200057	Screw	1	M8x20
14	910200500015	Screw	2	M3x20
15	535933510002	Proximity switch	1	Fi5-Q18-OP6L
16	910200200014	Screw	4	M4x12
17	910400500003	Spring washer	4	4
18	910400100003	Flat washer	4	4
19	535918020015	Mounting plate	1	
20	535918020017	Bolt	2	M12x72
21	535918020018	PU bushing	2	
22	535918020016	Spring	2	
23	910200200076	Screw	4	M10x25
24	910400500007	Spring washer	4	10
25	910400100007	Flat washer	4	10
26	506733510005	Proximity switch	1	Fi5-Q18-OP6L
27	535918020022	Mounting plate	1	

Fig. 11 Roller components

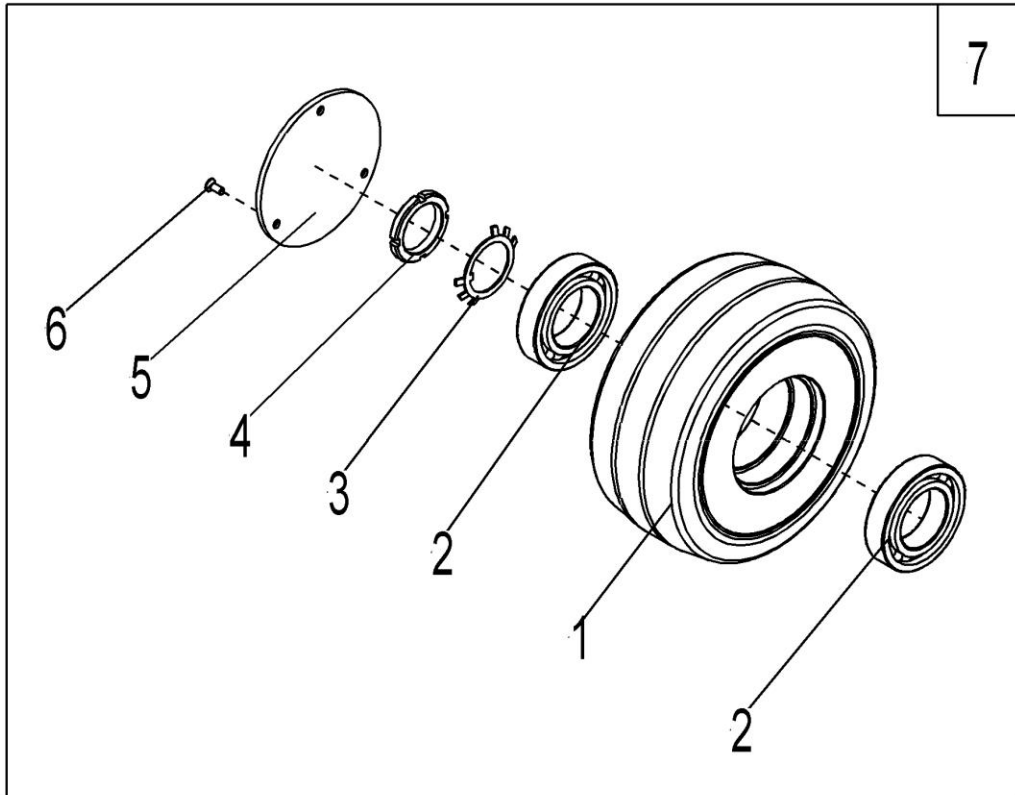


Fig. 11 Roller Components

No.	Art No.	Description	Qty.	Note
1	940300300025	Roller	1	Φ230x100
2	910700200025	Bearing	2	6210
3	910400900010	Lock washer	1	42
4	910300700003	Nut	1	M42x1.5
5	201017020000	End cap	1	
6	910200400016	Screw	3	M6x12
7	202017001000	Roller assembly	1	Φ230x100

Fig. 12 Fork carriage

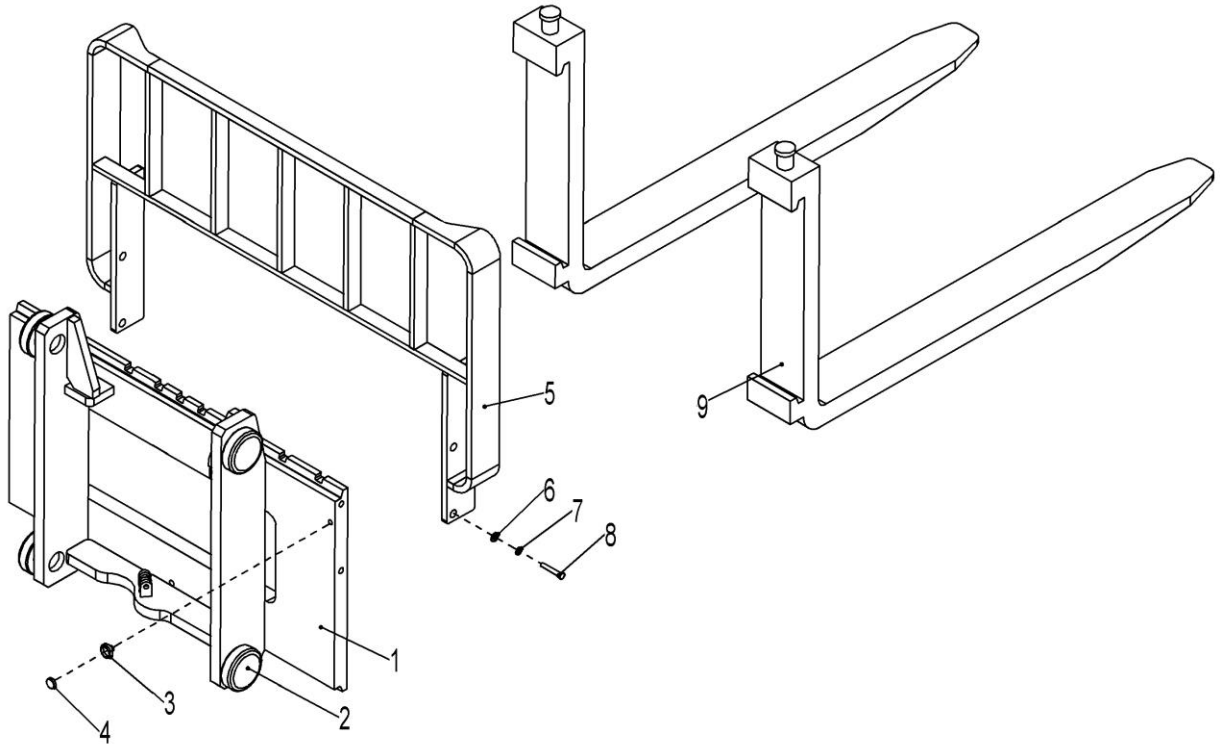


Fig.12 Fork Carriage

No.	Art No.	Description	Qty.	Note
1	204438010000	Fork carriage welding	1	Three-stage mast
	204438010001	Fork carriage welding	1	Two-stage mast
	204438010002	Fork carriage welding	1	Single mast
2	940200300004	Compound roller	4	
3	940600200001	Magnetic steel base	1	
4	940600100001	Magnetic steel	1	
5	216540510000	Load backrest welding	1	
6	910400100008	Flat washer	4	12
7	910400500008	Spring washer	4	12
8	910100300050	Bolt	4	M12x30
9	940100100002	Fork	2	

Fig.13 Full free lifting three-stage mast

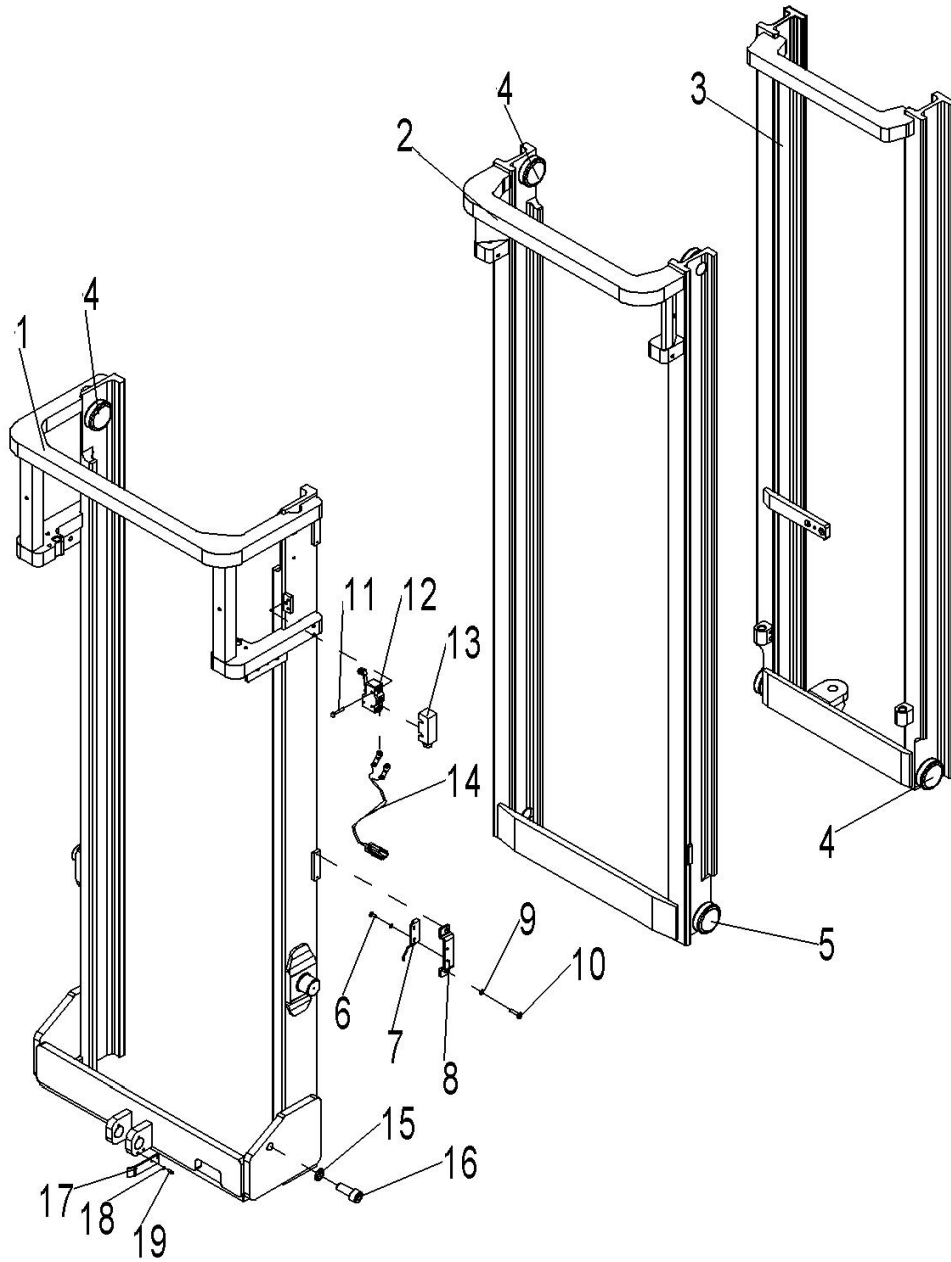


Fig. 13 Full Free Lifting Three-stage Mast

No.	Art No.	Description	Qty.	Note
1	204444510000	External mast	1	4500
	204444510005	External mast	1	4300
	204444510008	External mast	1	4000
	204444510002	External mast	1	3600
2	201044510004	Middle mast	1	4500
	204444510006	Middle mast	1	4300
	204444510009	Middle mast	1	4000
	201044510005	Middle mast	1	3600
3	201044510006	Inner mast	1	4500
	204444510007	Inner mast	1	4300
	204444510010	Inner mast	1	4000
	201044510007	Inner mast	1	3600
4	940200300004	Compound roller	6	
5	940200300007	Compound roller	2	
6	910200500010	Screw	4	M3x8
7	920200500001	Magnetic switch	2	HWK23
8	534744520059	Protective cover	2	
9	910400500003	Spring washer	4	4
10	910200200014	Screw	4	M4x12
11	910200500028	Screw	2	M4x30
12	920200300001	Micro switch	1	XZ-15GW22-B
13	920200300008	Protective cover	1	
14	204433010002	Limit control wiring harness	1	
15	910200200129	Screw	2	M20x30
16	910400500012	Spring washer	2	20
17	204424020003	Plate	1	
18	910400100003	Flat washer	2	4
19	910200200016	Screw	2	M4x20

Fig.14 Standard lifting two-stage mast

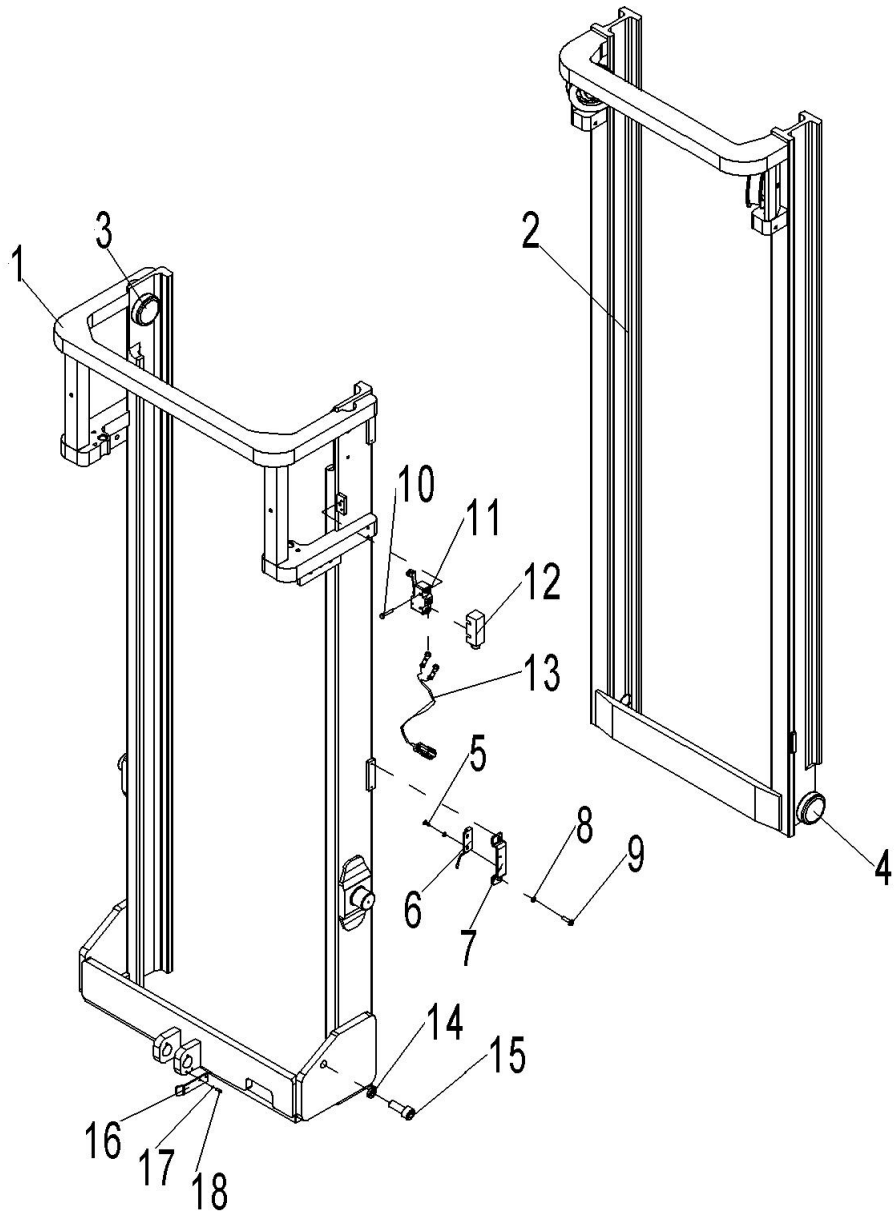


Fig. 14 Standard Lifting Two-stage Mast

No.	Art No.	Description	Qty.	Note
1	204444010009	External mast	1	4000
	204444010006	External mast	1	3600
	204444010003	External mast	1	3200
	204444510000	External mast	1	3000
	204444010000	External mast	1	2500
2	204444010010	Inner mast	1	4000
	204444010007	Inner mast	1	3600
	204444010004	Inner mast	1	3200
	201044010000	Inner mast	1	3000
	204444010001	Inner mast	1	2500
3	940200300004	Compound roller	2	
4	940200300007	Compound roller	2	
5	910200500010	Screw	4	M3x8
6	920200500001	Magnetic switch	2	HWK23
7	534744520059	Protective cover	2	
8	910400500003	Spring washer	4	4
9	910200200014	Screw	4	M4x12
10	910200500028	Screw	2	M4x30
11	920200300001	Micro switch	1	XZ-15GW22-B
12	920200300008	Protective cover	1	
13	204433010002	Limit control wiring harness	1	
14	910200200129	Screw	2	M20x30
15	910400500012	Spring washer	2	20
16	204424020003	Plate	1	
17	910400100003	Flat washer	2	4
18	910200200016	Screw	2	M4x20

Fig.15 Single mast

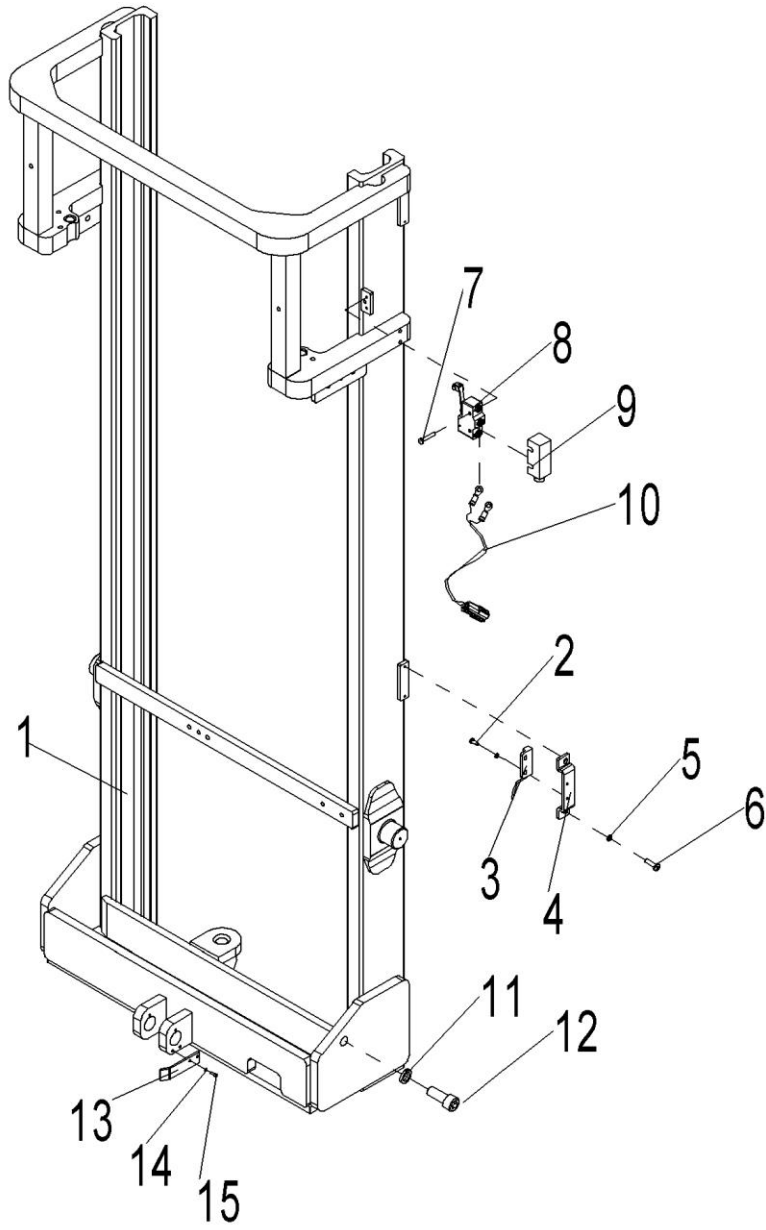


Fig.15 Single mast

No.	Art No.	Description	Qty.	Note
1	204443010000	External mast	1	
2	910200500010	Screw	4	M3x8
3	920200500001	Magnetic switch	2	HWK23
4	534744520059	Protective cover	2	
5	910400500003	Spring washer	4	4
6	910200200014	Screw	4	M4x12
7	910200500028	Screw	2	M4x30
8	920200300001	Micro switch	1	XZ-15GW22-B
9	920200300008	Protective cover	1	
10	204433010002	Limit control wiring harness	1	
11	910200200129	Screw	2	M20x30
12	910400500012	Spring washer	2	20
13	204424020003	Plate	1	
14	910400100003	Flat washer	2	4
15	910200200016	Screw	2	M4x20

Fig.16 Lifting assembly (full free lifting three-stage mast)

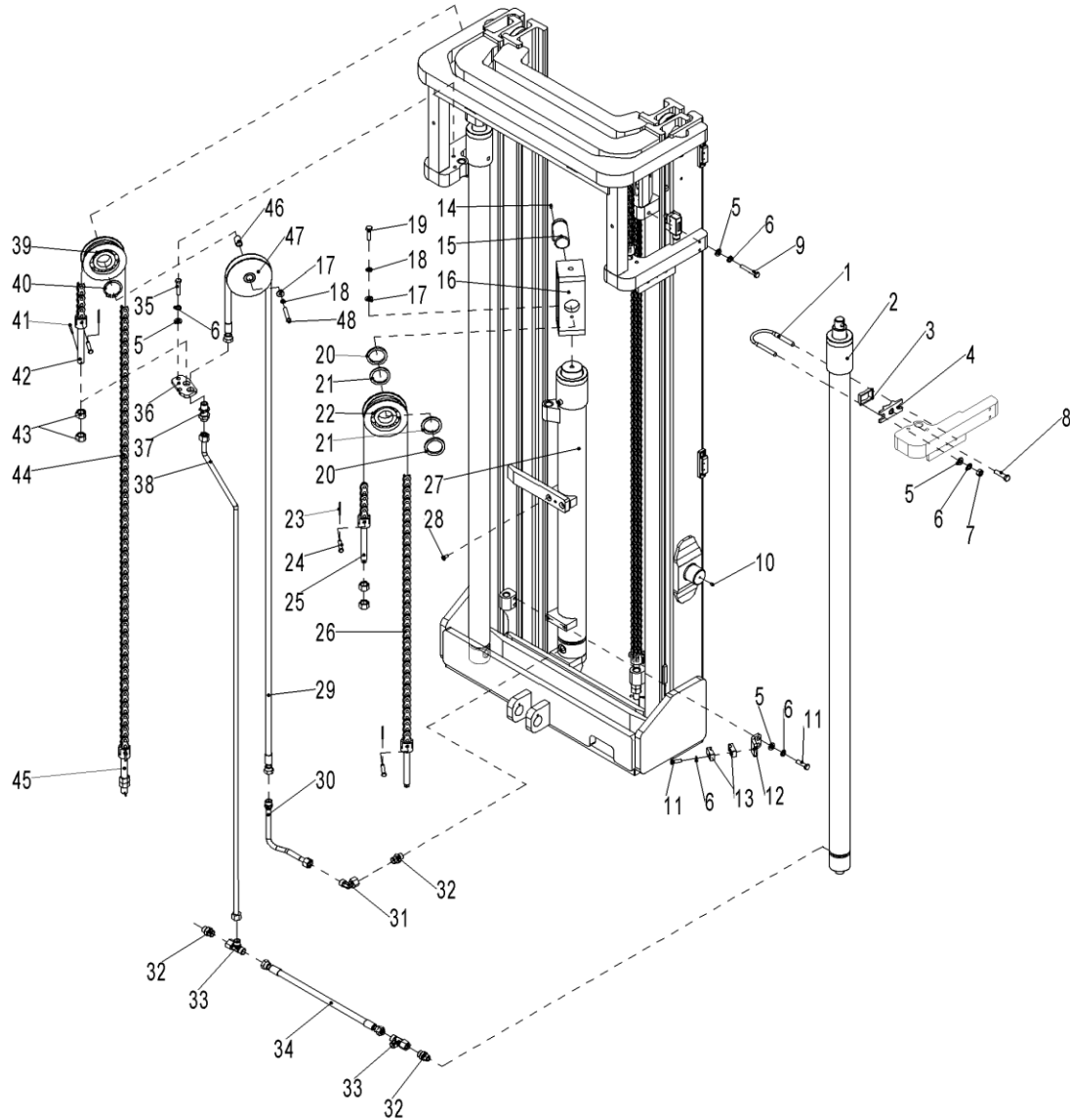


Fig.16 Lifting assembly (full free lifting three-stage mast)

No.	Art No.	Description	Qty.	Note
1	201044520017	U-bolt	2	
2	201044510008	Cylinder	2	4500

	204444510011	Cylinder	2	4300
	204444510013	Cylinder	2	4000
	201044510009	Cylinder	2	3600
3	255044020129	Protective cover	1	
4	255044020130	Fixing seat	2	
5	910400100007	Flat washer	11	10
6	910400500007	Spring washer	12	10
7	910300100007	Nut	6	M10
8	910100300039	Bolt	2	M10x40
9	910100100036	Bolt	2	M10x65
10	911200100001	Grease cup	2	6
11	910200200058	Screw	1	M8x25
12	201044520060	Mounting plate	1	
13	201044520023	Clip	2	12
14	910200400016	Screw	1	M6x12
15	535045010008	Plate with axle	1	
16	204444510003	Wheel carrier	1	
17	910400100008	Flat washer	2	12
18	910400500008	Spring washer	2	12
19	910100300050	Bolt	1	M12x30
20	201044502004	Washer	2	Thickness 2
21	940600500009	Washer	2	Thickness 4
22	940200500011	Chain wheel	1	
23	910600600015	Split pin	6	2x20
24	941100800009	Short axle	2	8x50
25	535045020024	Chain bolt	2	
26	204444510004	Chain,LH1266	1	4500
	204444510021	Chain,LH1266	1	4300
	535044510017	Chain,LH1266	1	4000
	204444510024	Chain,LH1266	1	3600
27	201044510010	Cylinder (M)	1	4500
	204444510012	Cylinder (M)	1	4300
	204444510014	Cylinder (M)	1	4000
	201044510011	Cylinder (M)	1	3600

28	910200400025	Screw	2	M8x20
29	201044520082	Hydraulic Hose	1	4500
	204444510016	Hydraulic Hose	1	4300
	204444510018	Hydraulic Hose	1	4000
	201044520083	Hydraulic Hose	1	3600
30	201044520077	Steel tube	1	
31	950400200004	Joint	1	
32	950400400004	Joint	3	
33	950401000001	Joint	2	
34	201044520086	Hydraulic Hose	1	
35	910200200075	Screw	2	M10x20
36	201044520029	Mounting plate	1	
37	950400500002	Joint	1	
38	204444520026	Steel tube	1	4500
	204444520027	Steel tube	1	4300
	204444520028	Steel tube	1	4000
	204444520029	Steel tube	1	3600
39	940200500001	Chain wheel	2	
40	910401300020	Retainer ring	2	40
41	910600600023	Split pin	6	3x40
42	252044020121	Chain bolt	2	
43	910300200008	Nut	12	M16x1.5
44	201044510017	Chain,LH1234	2	4500
	204444510019	Chain,LH1234	2	4300
	204444510025	Chain,LH1234	2	4000
	201044510019	Chain,LH1234	2	3600
45	535045020024	Chain bolt	2	4500/4000/3600
	252044020121	Chain bolt	2	4300
46	201044520041	Bushing	1	
47	201044520040	Pulley	1	
48	910100300052	Bolt	1	M12x40

Fig.17 Lifting assembly (standard lifting two-stage mast)

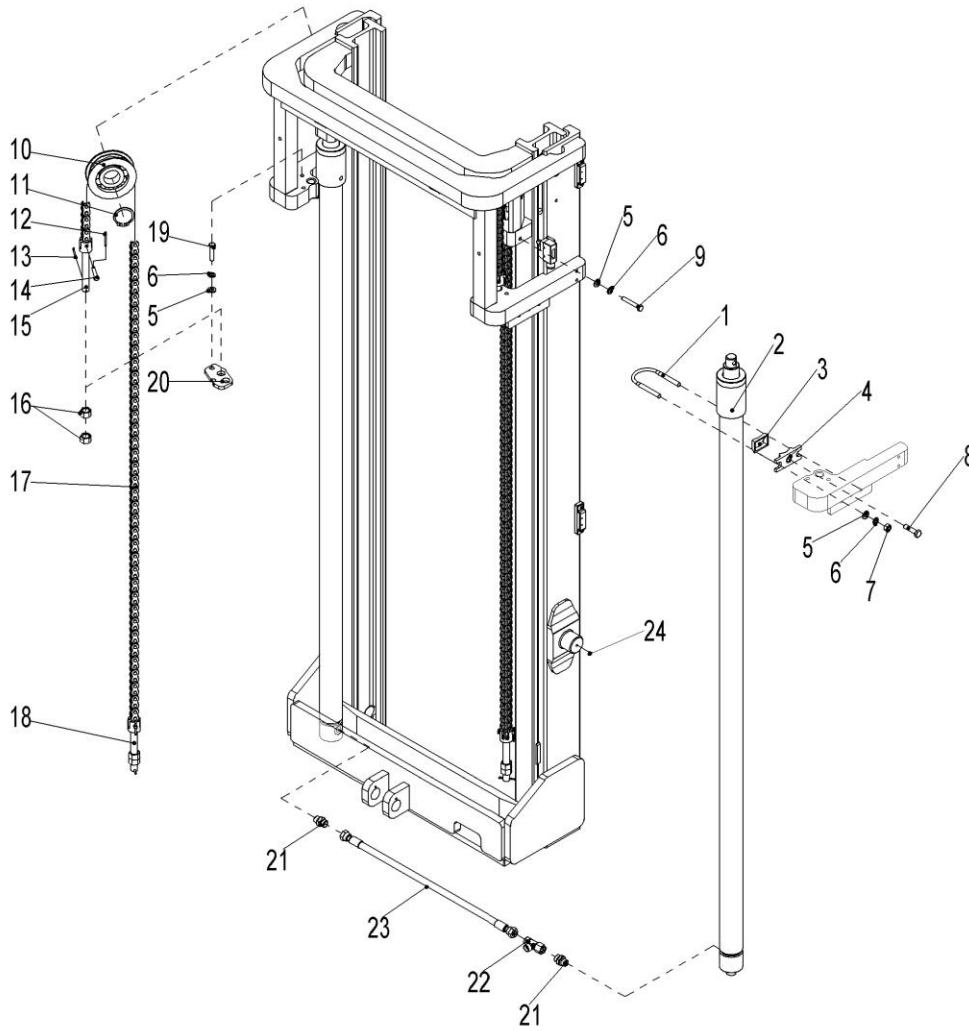


Fig.17 Lifting assembly (standard lifting two-stage mast)

No.	Art No.	Description	Qty.	Note
1	201044520017	U-bolt	2	
2	204444010011	Cylinder	2	4000
	204444010008	Cylinder	2	3600
	204444010005	Cylinder	2	3200

	201044510008	Cylinder	2	3000
	204444010002	Cylinder	2	2500
3	255044020129	Protective cover	1	
4	255044020130	Fixing seat	2	
5	910400100007	Flat washer	11	10
6	910400500007	Spring washer	12	10
7	910300100007	Nut	6	M10
8	910100300039	Bolt	2	M10x40
9	910100100036	Bolt	2	M10x65
10	940200500007	Chain wheel	2	
11	910401300020	Retainer ring	2	40
12	910600600015	Split pin	4	2x20
13	910600600023	Split pin	4	3x40
14	941100800008	Pin	2	8x40
15	252044020121	Chain bolt	2	
16	910300200008	Nut	4	M16x1.5
17	212044510111	Chain,LH1234	2	4000
	204444010012	Chain,LH1234	2	3600
	204444010013	Chain,LH1234	2	3200
	201044510017	Chain,LH1234	2	3000
	204444510019	Chain,LH1234	2	2500
18	533243520008	Chain bolt	2	
19	910200200075	Screw	2	M10x20
20	201044520029	Mounting plate	1	
21	950400400004	Joint	2	
22	950401000001	Joint	1	
23	201044020002	Hydraulic Hose	1	
24	911200100001	Grease cup	2	6

Fig.18 Lifting assembly (single mast)

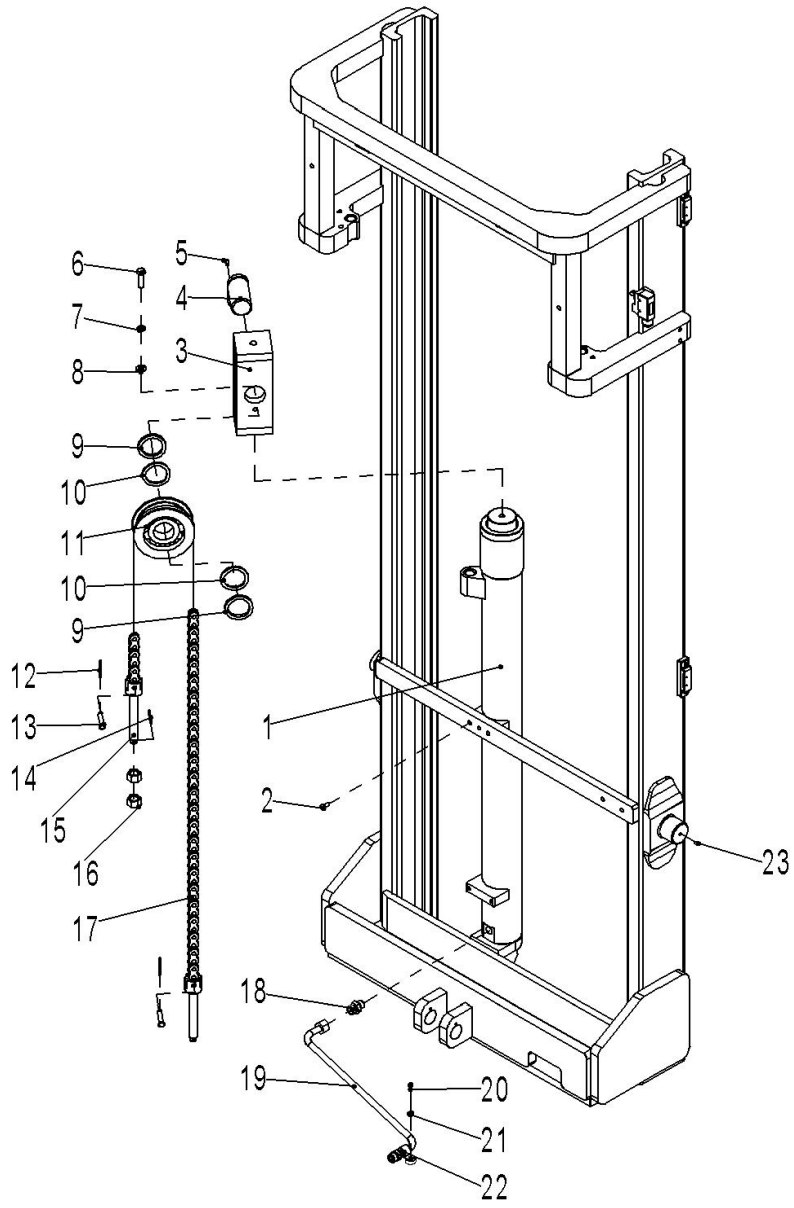


Fig.18 Lifting assembly (single mast)

No.	Art No.	Description	Qty.	Note
1	201043010002	Cylinder(M)	1	
2	910200400026	Screw	2	M8x25
3	204444510003	Wheel carrier	1	
4	535045010008	Plate with axle	1	
5	910200400016	Screw	1	M6x12
6	910100300050	Bolt	1	M12x30
7	910400500008	Spring washer	1	12
8	910400100008	Flat washer	1	12
9	940600500008	Washer	2	Thickness 2
10	940600500009	Washer	2	Thickness 4
11	940200500011	Chain wheel	1	
12	910600600015	Spit pin	2	2x20
13	941100800009	Short axle	2	8x50
14	910600600023	Spit pin	2	3x40
15	535045020024	Chain bolt	2	
16	910300200008	Nut	2	M16x1.5
17	204444510026	Chain,LH1266	1	
18	950400400004	Joint	1	
19	204443010001	Steel tube	1	
20	910200200032	Screw	1	M6x10
21	910400100005	Flat washer	1	6
22	951000100001	Rubber clip	1	12
23	911200100001	Grease cup	2	6

Fig.19 Outer cylinder (full free lifting three-stage mast)

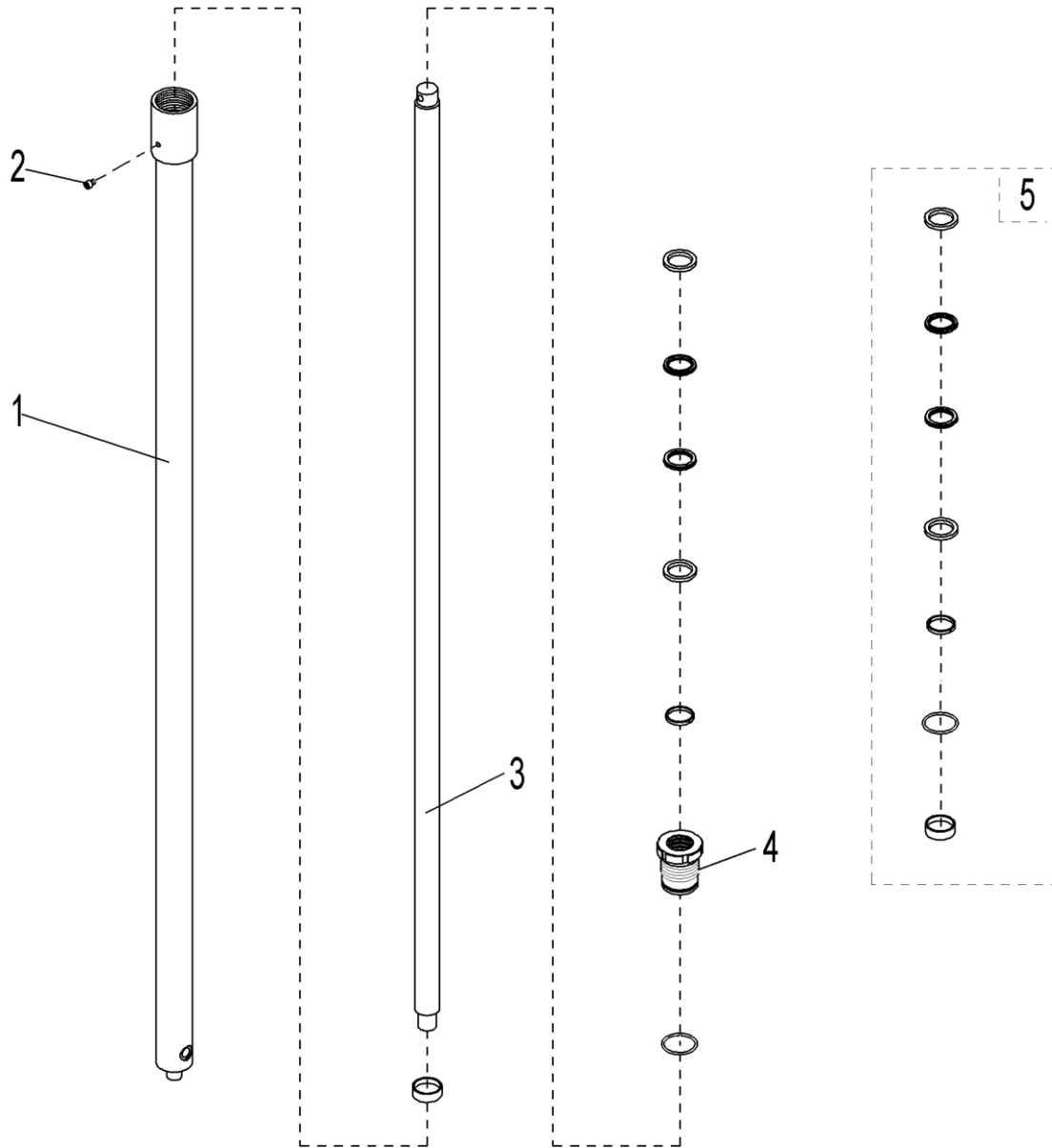


Fig.19 Outer cylinder (full free lifting three-stage mast)

No.	Art No.	Description	Qty.	Note
1	201098520030	Cylinder tube	1	4500
	204498520000	Cylinder tube	1	4300
	204498520001	Cylinder tube	1	4000
	201098520031	Cylinder tube	1	3600
2	201098520032	Screw	1	M8x1
3	201098520034	Piston rod	1	4500
	204498520002	Piston rod	1	4300
	204498520003	Piston rod	1	4000
	201098520035	Piston rod	1	3600
4	201098520037	End cap	1	
5	201098510005	Sealing components	1	

Fig.20 Middle cylinder (full free lifting three-stage mast)

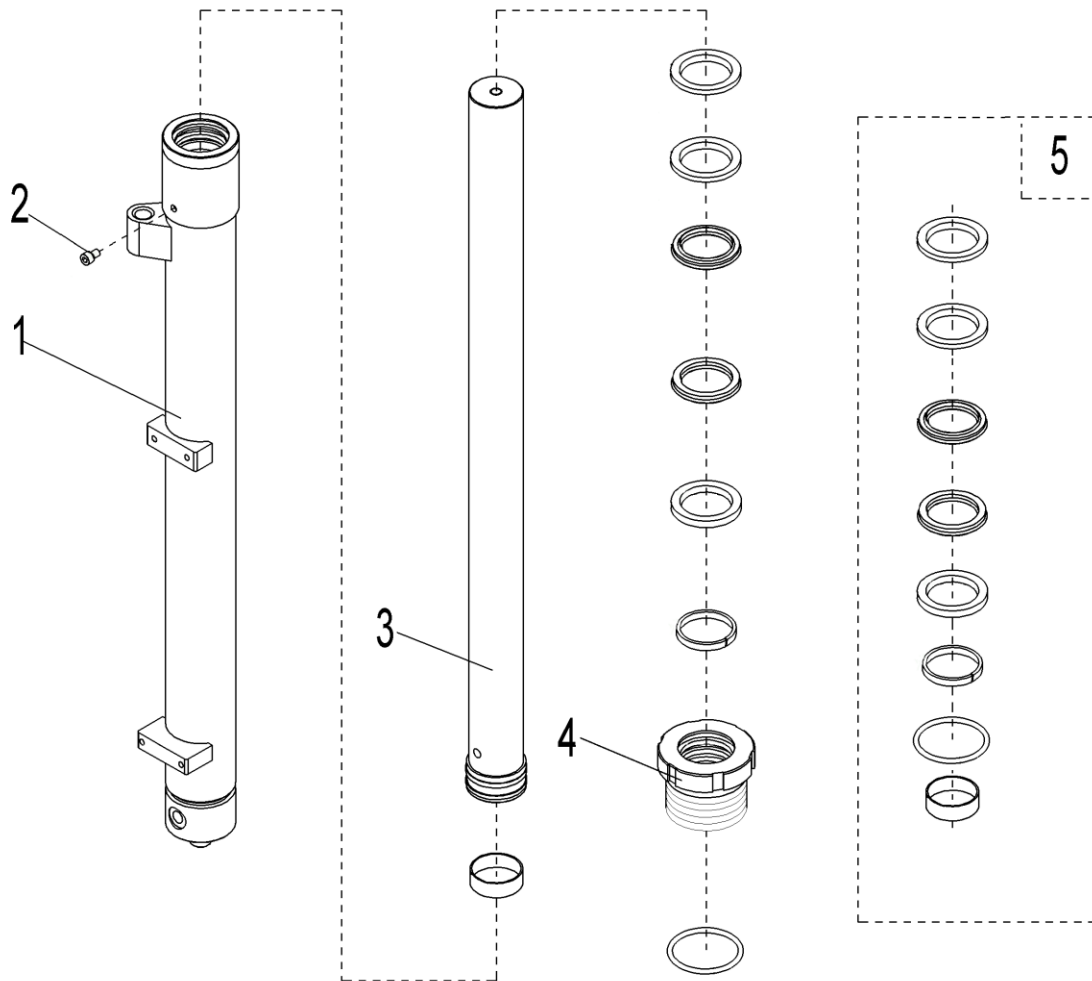


Fig.20 Middle cylinder (full free lifting three-stage mast)

No.	Art No.	Description	Qty.	Note
1	201098520043	Cylinder tube	1	4500
	204498520004	Cylinder tube	1	4300
	204498520005	Cylinder tube	1	4000
	204498520009	Cylinder tube	1	3600
2	201098520032	Screw	1	M8x1
3	201098520048	Piston rod	1	4500
	204498520006	Piston rod	1	4300
	204498520007	Piston rod	1	4000
	201098520049	Piston rod	1	3600
4	201098520053	End cap	1	
5	201098510006	Sealing components	1	

Fig.21 Outer cylinder (standard lifting two-stage mast)

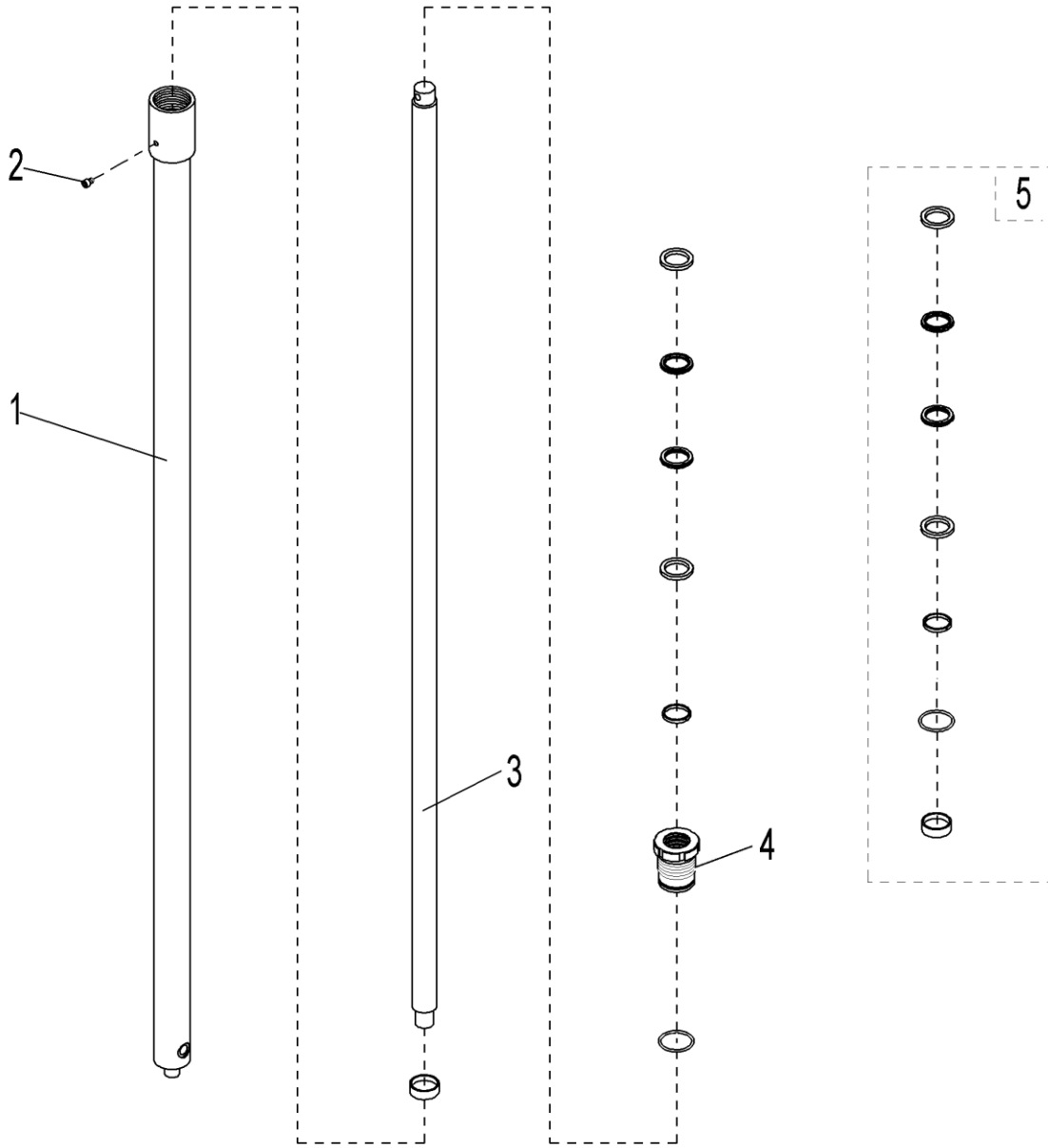


Fig.21 Outer cylinder (standard lifting two-stage mast)

No.	Art No.	Description	Qty.	Note
1	204498520008	Cylinder tube	1	4000
	204498520009	Cylinder tube	1	3600
	204498520010	Cylinder tube	1	3200
	201098520030	Cylinder tube	1	3000
	204498520011	Cylinder tube	1	2500
2	201098520032	Screw	1	M8x1
3	204498520012	Piston rod	1	4000
	204498520013	Piston rod	1	3600
	204498520014	Piston rod	1	3200
	201098520034	Piston rod	1	3000
	204498520015	Piston rod	1	2500
4	201098520053	End cap	1	
5	201098510005	Sealing components	1	

Fig.22 Middle cylinder (single mast)

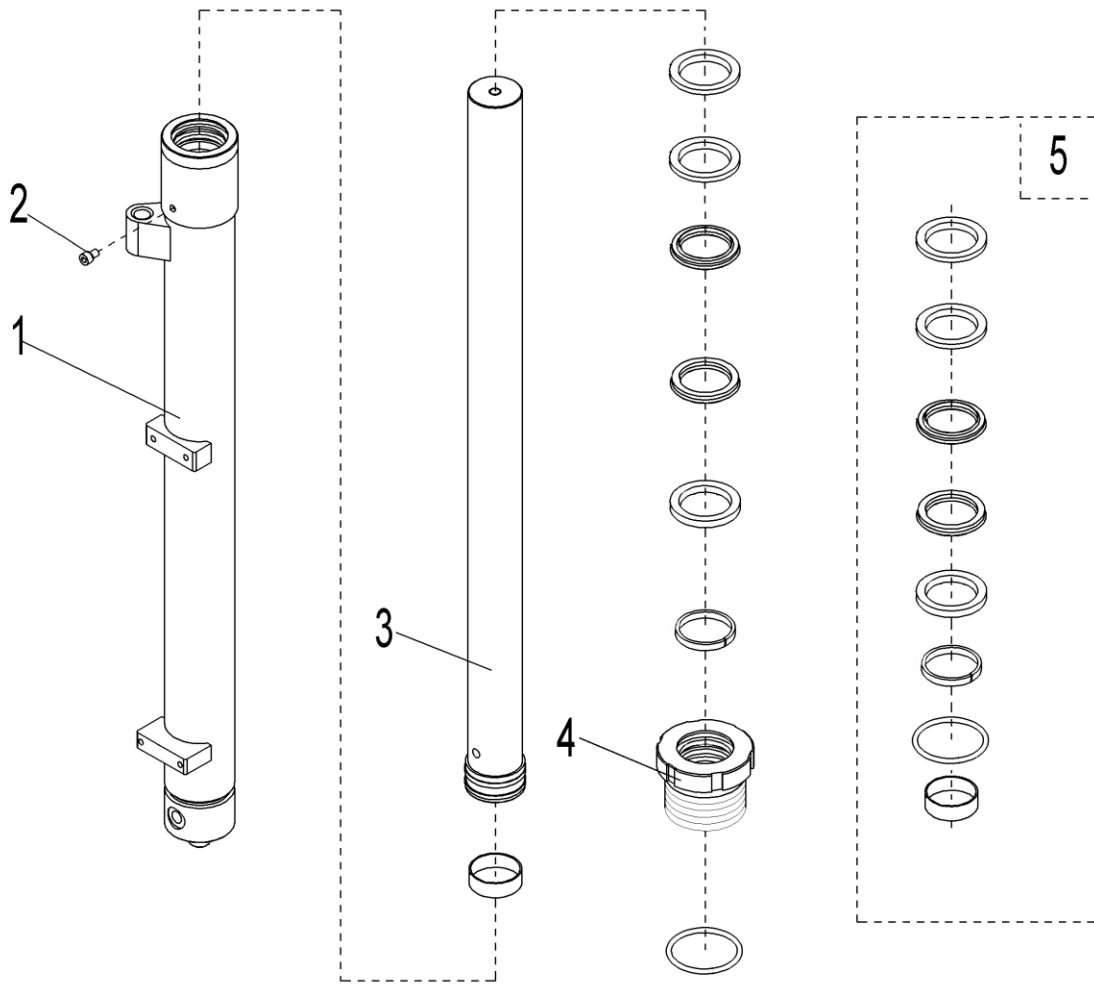


Fig.22 Middle cylinder (single mast)

No.	Art No.	Description	Qty.	Note
1	201098520043	Cylinder tube	1	1600
2	201098520032	Screw	1	M8x1
3	201098520048	Piston rod	1	1600
4	201098520053	End cap	1	
5	201098510006	Sealing components	1	

Fig.23 Driving system

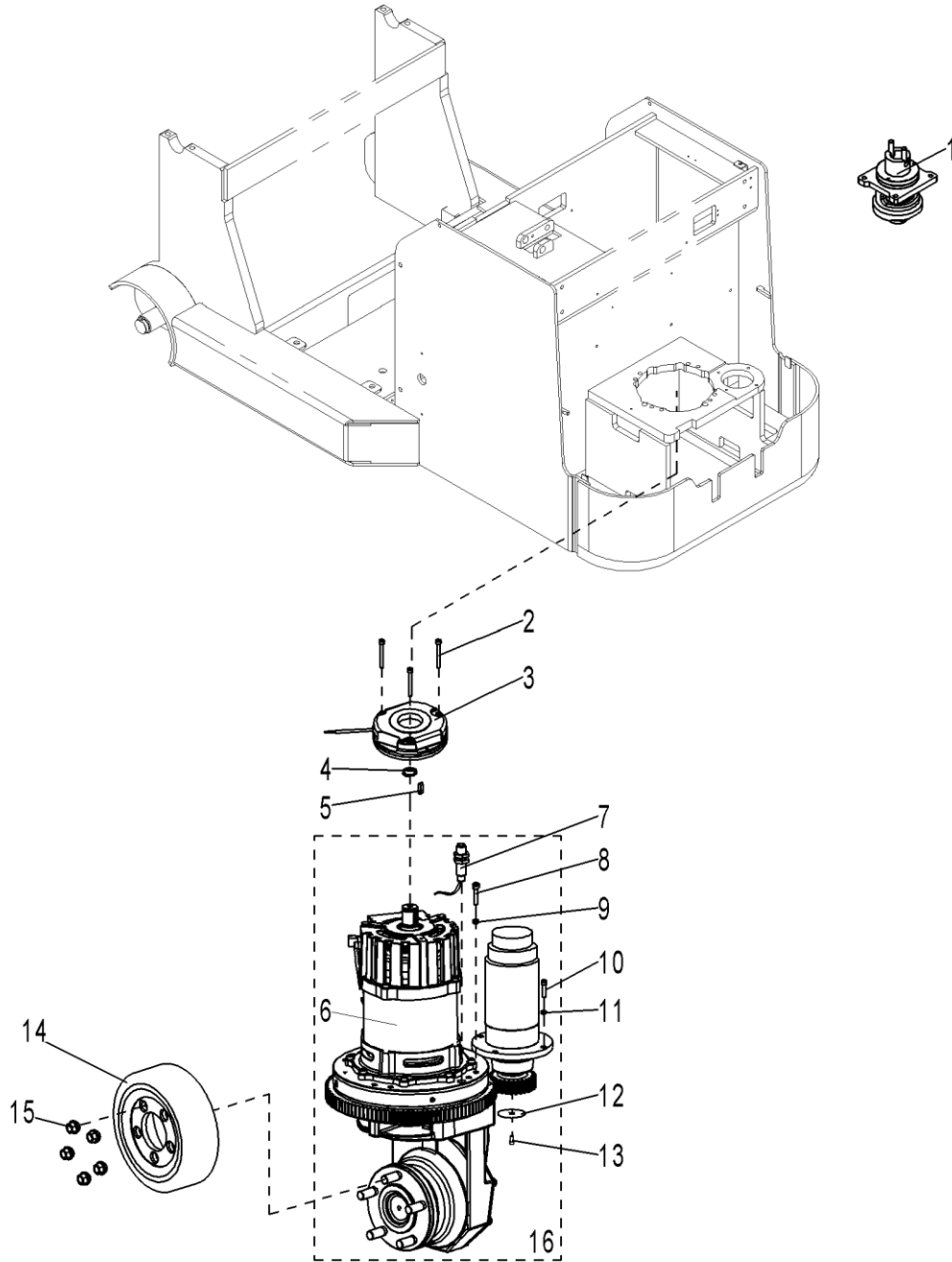


Fig.23 Driving system

No.	Art No.	Description	Qty.	Note
1	535931501001	EPS components	1	
2	910200200046	Screw	3	M6x60
3	940700100002	Brake	1	24v32N
4	910401300014	Retainer ring	1	25
5	910600800019	Flat key	1	8x20
6	940900600004	Drive unit	1	
7	920200400007	Proximity switch	1	Fi4-M12-ON6L-L70
8	910200200078	Screw	8	M10x35
9	910400500007	Spring washer	8	10
10	910200200059	Screw	4	M8x30
11	910400500006	Spring washer	4	8
12	506013520001	Baffle	1	
13	910200200057	Screw	1	M8x20
14	940300400002	Driving wheel	1	Φ250x82
15	275015520005	Nut	5	
16	506013501001	Driving assembly	1	

Fig.24 EPS components

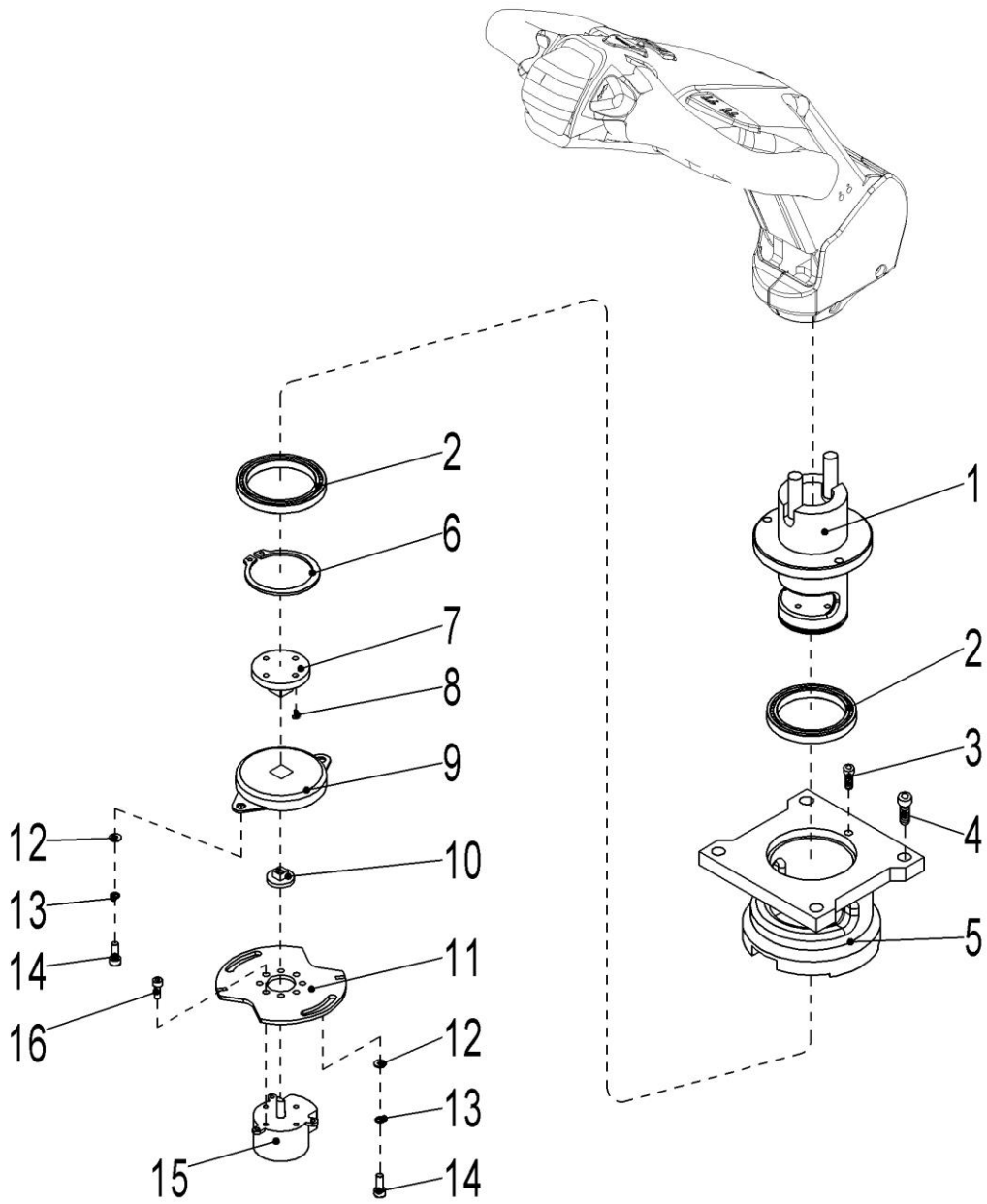


Fig.24 EPS components

No.	Art No.	Description	Qty.	Note
1	535931510001	Axle seat	1	
2	910700200041	Bearing	2	61810
3	910200200032	Screw	3	M6x10
4	910200200075	Screw	4	M10x20
5	505631520002	fixing seat	1	
6	910401300024	Retainer ring	1	50
7	505631520005	Adapting piece	1	
8	910200200013	Screw	1	M4x10
9	940801200001	damper	1	
10	505931520002	Adapting piece	1	
11	535931520002	Mounting plate	1	
12	910400100004	Flat washer	4	5
13	910400500004	Spring washer	4	5
14	910200200021	Screw	4	M5x10
15	921800200008	Potentiometer	1	
16	910200200014	Screw	4	M4x12

Fig.25 Driving assembly

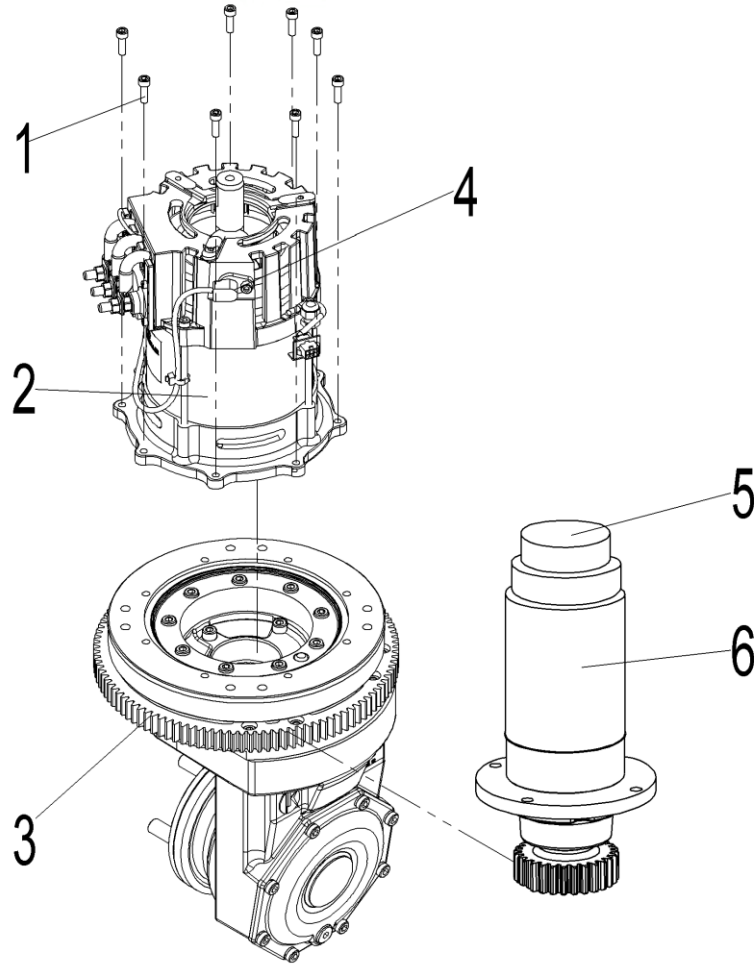


Fig.25 Driving assembly

No.	Art No.	Description	Qty.	Note
1	910200200036	Screw	8	M6x20
2	505998510010	Drive Motor	1	
3	505998510011	Gearbox	1	
4	505998510003	Sensor	1	
5	921800200016	Encoder	1	
6	920900100050	Steering Motor	1	

Fig.26 Hydraulic system

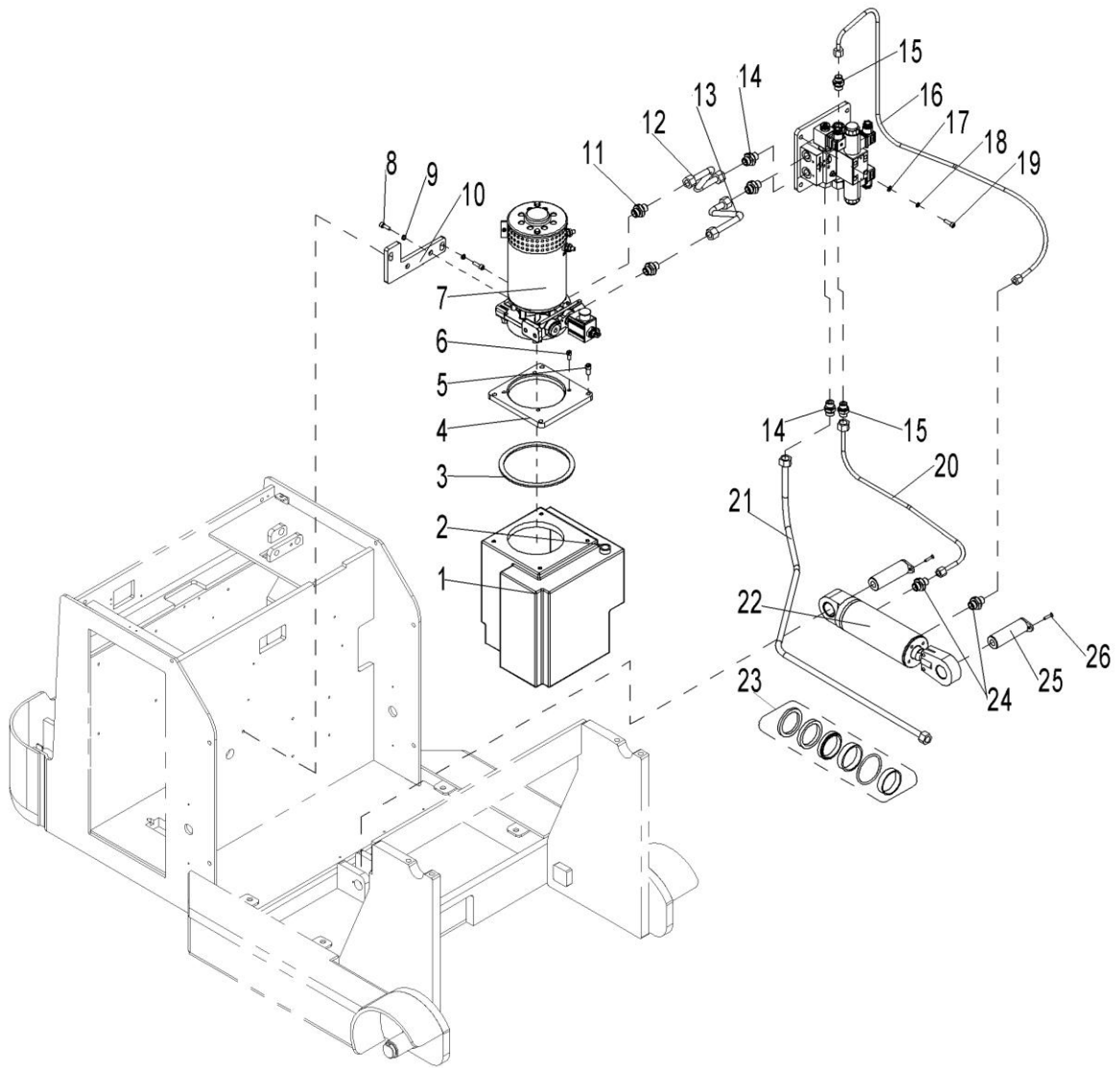


Fig.26 Hydraulic system

No.	Art No.	Description	Qty.	Note
1	535919020001	Oil tank	1	
2	951100200001	Vent plug	1	M18x1.5
3	535919020003	Rubber blanket	1	
4	535919020005	Mounting plate	1	
5	910200200057	Screw	4	M8x20

6	910200200034	Screw	4	M6x14
7	950900100015	Pump,24V3.2KW4.0cc	1	HPI
	950900100062	Pump,24V3.0KW3.3cc	1	VIBO
8	910200200074	Screw	4	M10x16
9	910400500007	Spring washer	4	10
10	535924020001	Mounting plate	1	
11	950400300008	Joint	2	
12	204424010003	Steel tube	1	HPI
	204424010011	Steel tube	1	VIBO
13	204424010002	Steel tube	1	HPI
	204424010012	Steel tube	1	VIBO
14	950400300009	Joint	3	
15	950400300004	Joint	2	
16	204424010013	Hydraulic hose	1	PSCB 12
	204424010007	Hydraulic hose	1	PSCB 16
	204424010009	Hydraulic hose	1	PSCB 18
17	910400100006	Flat washer	8	8
18	910400500006	Spring washer	8	8
19	910200200057	Screw	8	M8x20
20	204424010014	Hydraulic hose	1	PSCB 12
	204424010006	Hydraulic hose	1	PSCB 16
	204424010008	Hydraulic hose	1	PSCB 18
21	204424010015	Hydraulic hose	1	PSCB 12
	204424010004	Hydraulic hose	1	PSCB 16
	204424010010	Hydraulic hose	1	PSCB 18
22	204424010005	Cylinder(T)	1	Φ60xΦ32x65(2/4)
23	204498510000	Sealing components	1	
24	950400400001	Joint	2	
25	535045010008	Plate with shaft	2	
26	910200400016	Screw	2	M6x12

Fig.27 Pump,24V3.2KW4.0cc(HPI)

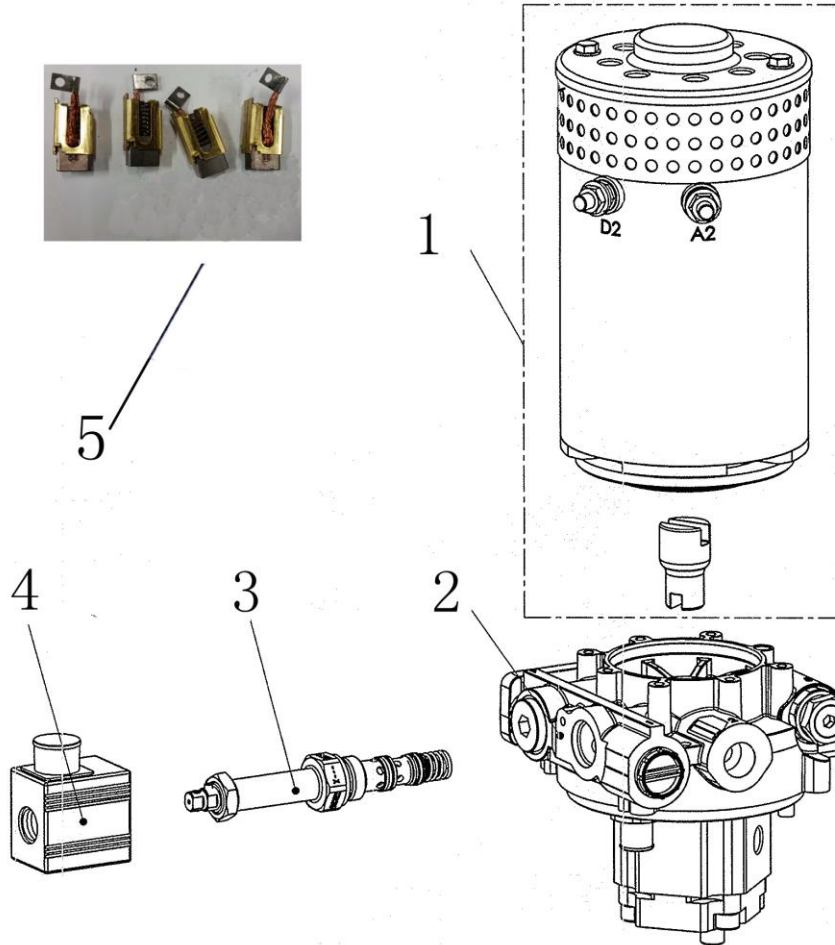


Fig.27 Pump,24V3.2KW4.0cc(HPI)

No.	Art No.	Description	Qty.	Note
1	534798510006	Motor	1	3.2KW
2	534798510007	Centre valve	1	
3	534798520024	Electromagnetic valve core	1	
4	534798520025	Coil	1	
5	534798520026	Carbon brush	1	

Fig.28 Pump,24V3.0KW3.3cc(VIBO)

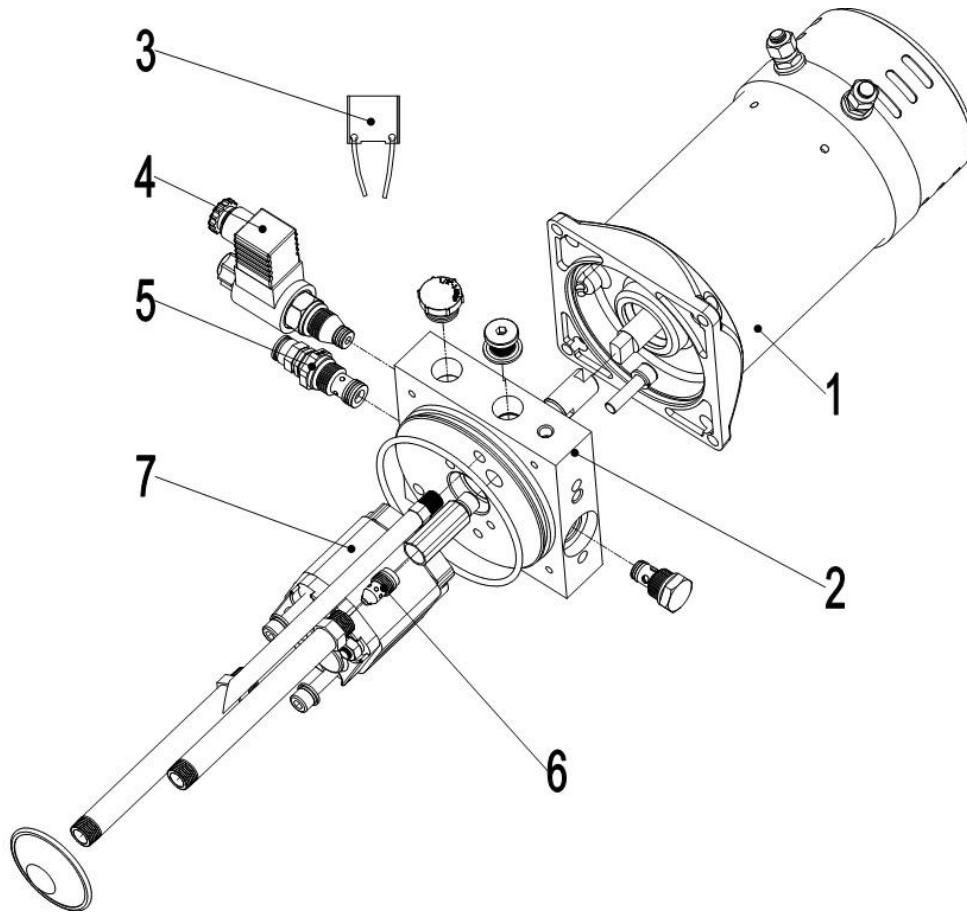


Fig.28 Pump,24V3.0KW3.3cc(VIBO)

No.	Art No.	Description	Qty.	Note
1	535998510008	Motor	1	
2	535998520018	Valve Block	1	
3	535998510013	Carbon Brush	1	
4	535998510009	Magnetic Valve	1	
5	535998510011	Overflow Valve	1	
6	535998510012	Valve	1	
7	505998510013	Gear Pump	1	

Fig.29 Work light

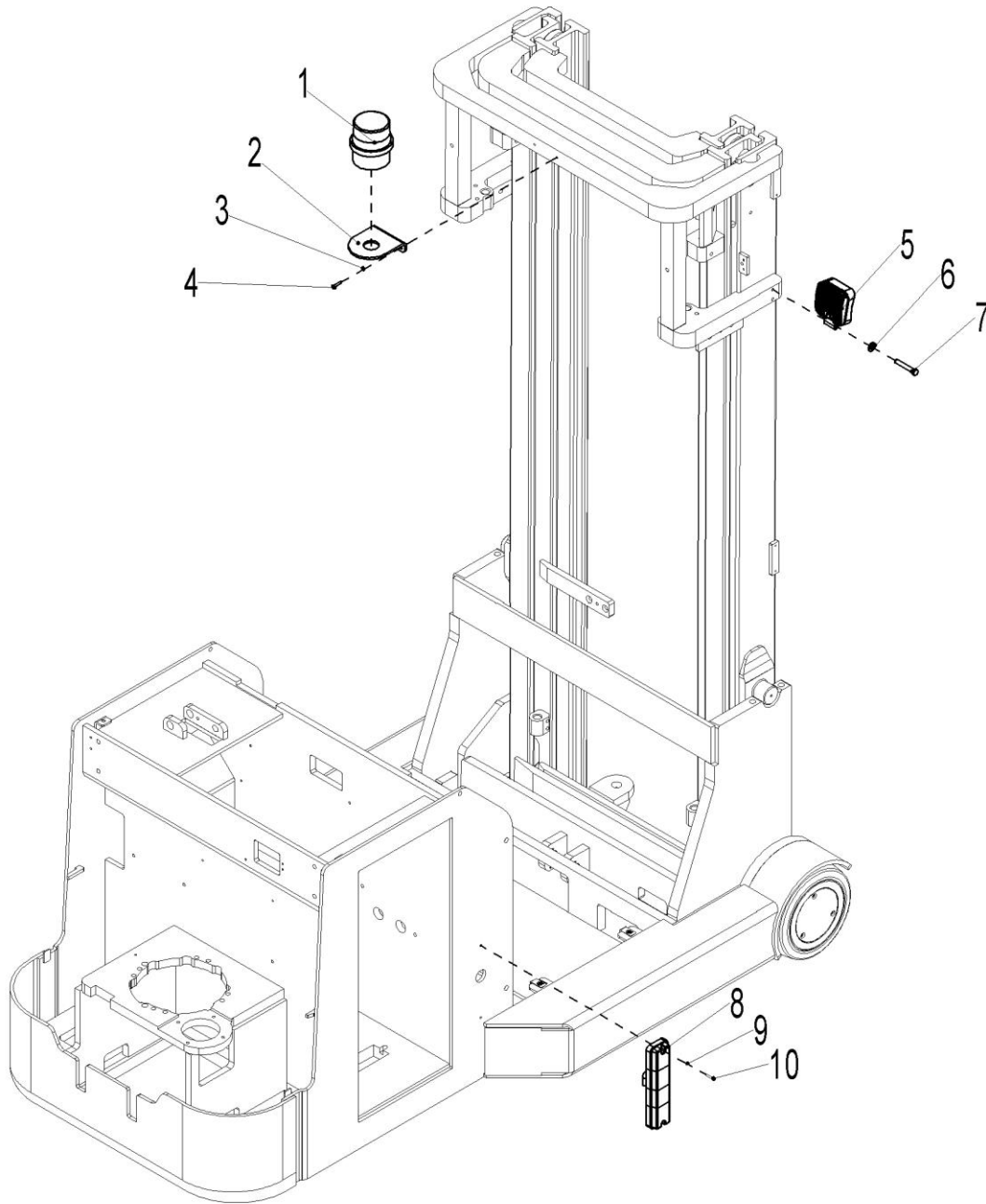


Fig.29 Work light

No.	Art No.	Description	Qty.	Note
1	213035501001	Caution light	1	
2	204444520005	Mounting plate	1	
3	910400100005	Flat washer	2	6
4	910200300016	Screw	2	M6x10
5	922000100001	Light	2	PDL-LXZM-1
6	910400100006	Flat washer	2	8
7	910100100023	Bolt	2	M8x45
8	922000100003	Light	2	PDL-LXHW-2
9	910400500004	Spring washer	4	5
10	910200500042	Screw	4	M5x25

Fig.30 Main circuit wiring harness

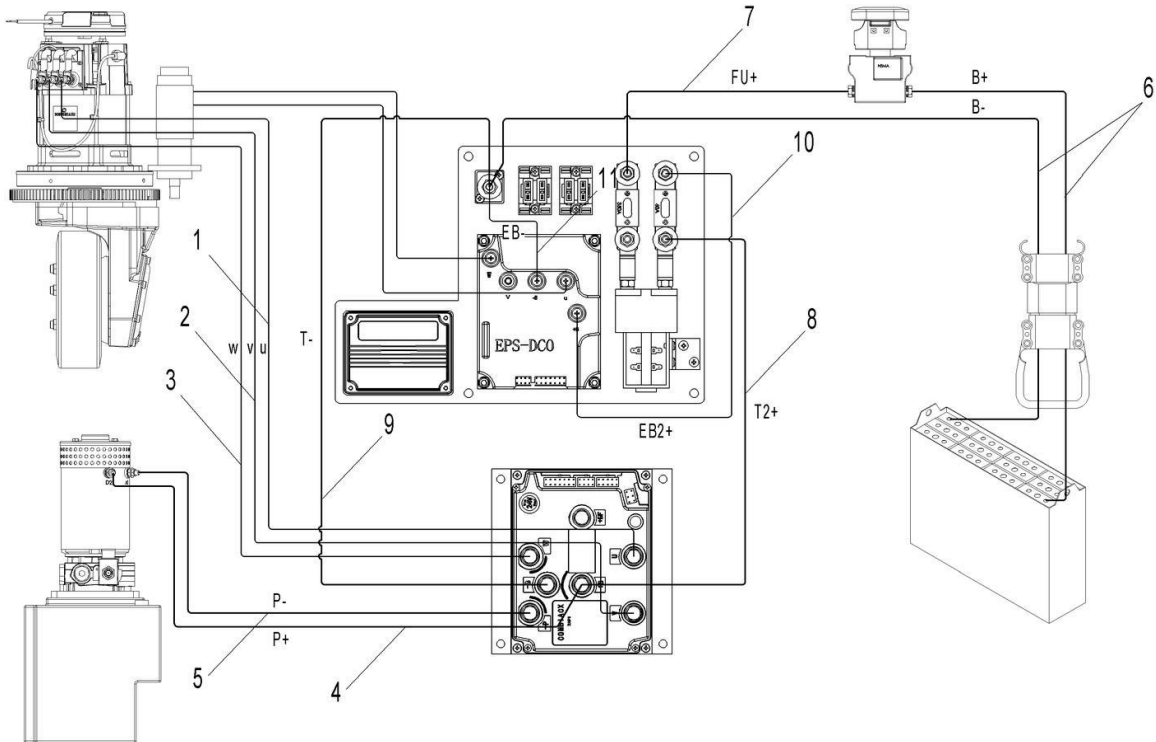


Fig.30 Main circuit wiring harness

No.	Art No.	Description	Qty.	Note
1	204433010004	Cable	1	U
2	204433010005	Cable	1	V
3	204433010006	Cable	1	W
4	204433010007	Cable	1	P+
5	204433010008	Cable	1	P-
6	204433010009	Main power supply wiring harness	1	
7	204433010010	Cable	1	FU+
8	204433010011	Cable	1	T2+
9	204433010012	Cable	1	T-
10	204433010013	Connecting cable	1	EB2+
11	204433010014	Connecting cable	1	EB-

Fig.31 Electrical control components

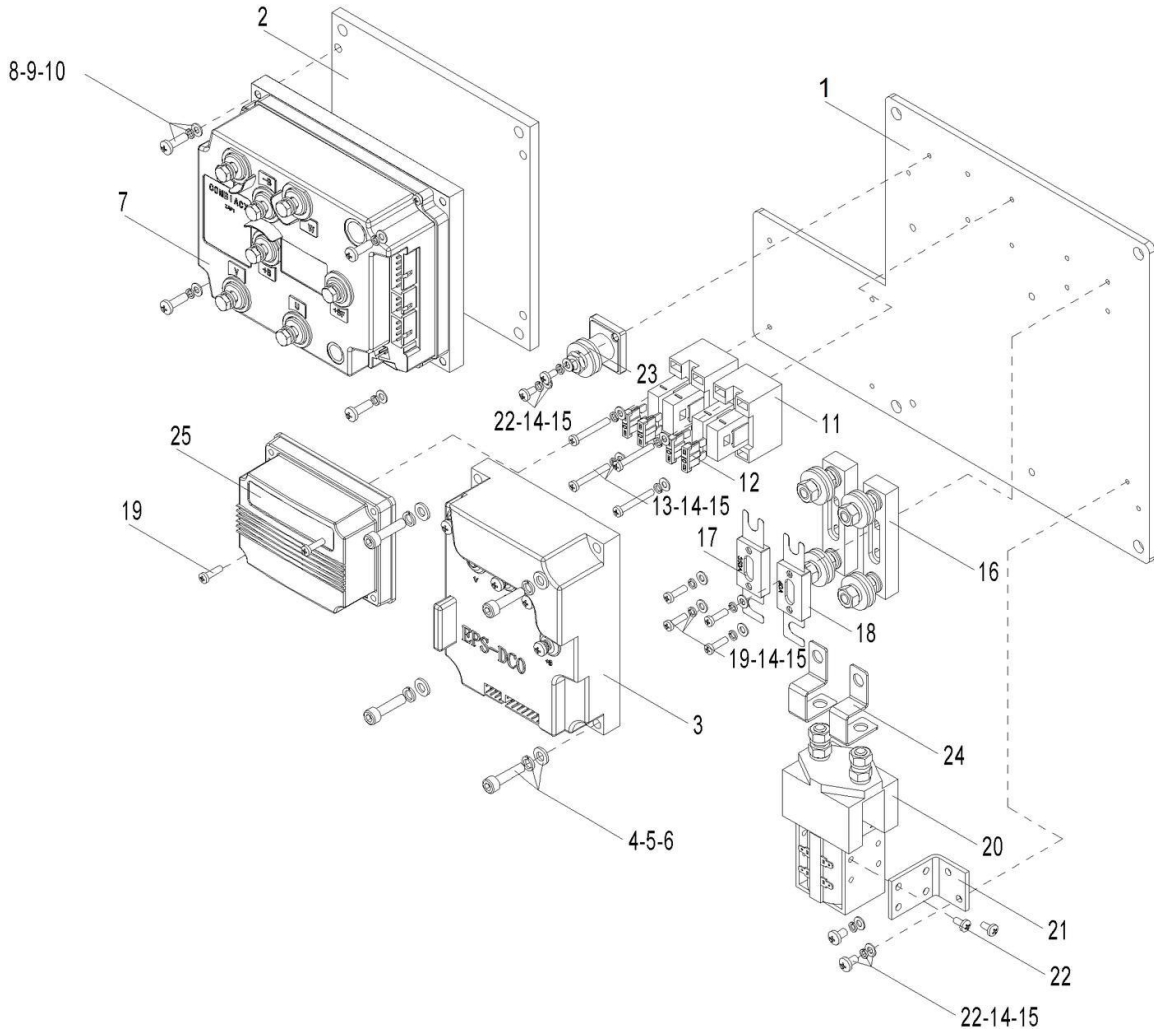


Fig.31 Electrical control components

No.	Art No.	Description	Qty.	Note
1	204433020000	Mounting plate	1	
2	534733020000	Aluminium	1	
3	921400100030	Controller	1	EPS-DC0-24V-50A
4	910400500005	Flat washer	4	6
5	910400500005	Spring washer	4	6

6	910200200036	Screw	4	M6x20
7	921400100048	Controller	1	COMBIACX24-240+ 270A
8	910400100004	Flat washer	4	5
9	910400500004	Spring washer	4	5
10	910200200023	Screw	4	M5x16
11	920100400005	Fuse base	2	BD-2x10A-1
12	920100200002	Fuse	4	10A
13	910400100003	Flat washer	12	4
14	910400500003	Spring washer	12	4
15	910400500003	Spring washer	4	4
16	920100400002	Fuse base	2	SY Y
17	920100100013	Fuse	1	350A
18	920100100003	Fuse	1	60A
19	910200500024	Screw	6	M4x16
20	920700100002	Contactor	1	DC24V-SW180B-4
21	921300400005	Main contactor fixing part	1	
22	910200500034	Screw	4	M4x8
23	920100400001	Fuse base	1	M8
24	565933020001	Copper bar	2	
25	921200100011	Module	1	FC2127-SCH.HVC

Easy worn parts list

No.	Art No.	Description	Qty.	Fig./Position	Note
1	940400100037	Air spring	2	Fig.4/2	Protective arm components
2	940500200003	Bushing	2	Fig.4/7	
3	505633510002	Proximity switch	1	Fig.4/16	
4	535933510000	Proximity switch	1	Fig.4/22	
5	535933510002	Proximity switch	1	Fig.10/15	Platform components
6	940500200008	Bushing	2	Fig.10/3	
7	940400100038	Air spring	1	Fig.10/12	
8	940300300025	Roller	1	Fig.11/1	Roller components
9	910700200025	Bearing	2	Fig.11/2	
10	202017001000	Roller assembly	1	Fig.11/7	
11	201098510005	Sealing components	1	Fig.19/12	Outer cylinder (full free lifting three-stage mast)
12	201098510006	Sealing components	1	Fig.20/12	Middle cylinder (full free lifting three-stage mast)
13	201098510005	Sealing components	1	Fig.21/12	Outer cylinder (standard lifting two-stage mast)
14	201098510006	Sealing components	1	Fig.22/12	Middle cylinder (single mast)
15	910700200041	Bearing	2	Fig.24/2	EPS components
16	505998510003	Sensor	1	Fig.25/4	Driving assembly
17	921800200016	Encoder	1	Fig.25/5	
18	204498510000	Seal assembly	1	Fig.26/23	Hydraulic system
19	534798520026	Carbon brush	1	Fig.27/5	Pump,24V3.2KW4.0cc(HPI)
20	535998510013	Carbon brush	1	Fig.28/3	Pump,24V3.0KW3.3cc(VIBO)
21	920100200002	Fuse	4	Fig.31/12	Electrical control components
22	920100100013	Fuse	1	Fig.31/17	
23	920100100003	Fuse	1	Fig.31/18	