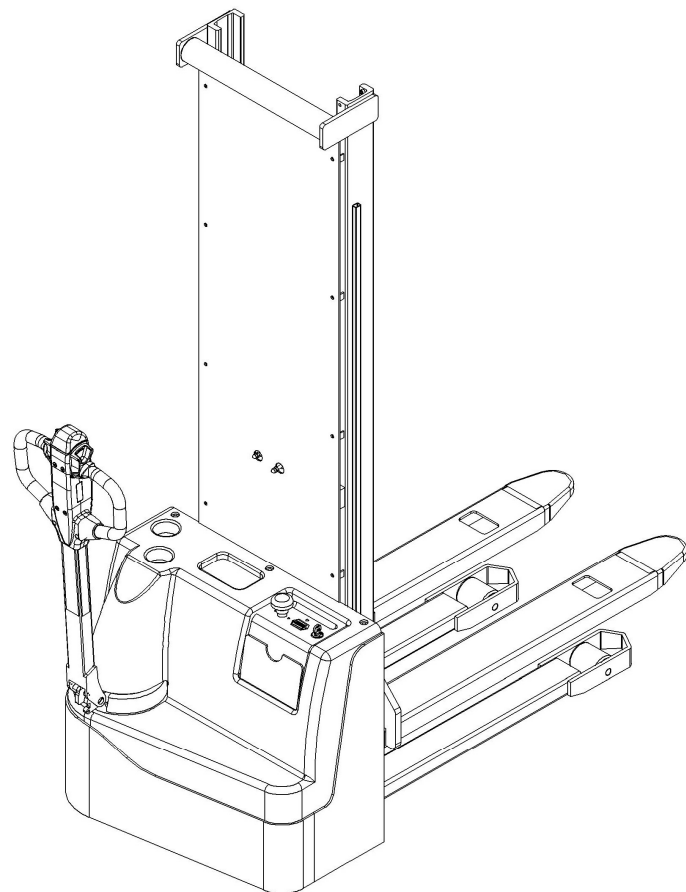


Spare parts list

Electric Stacker ECL10SC



Version 04/2015

From truck identification number:

3013070009

ECL 10SC- BPT -001-EN

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Fig. 1 Main components

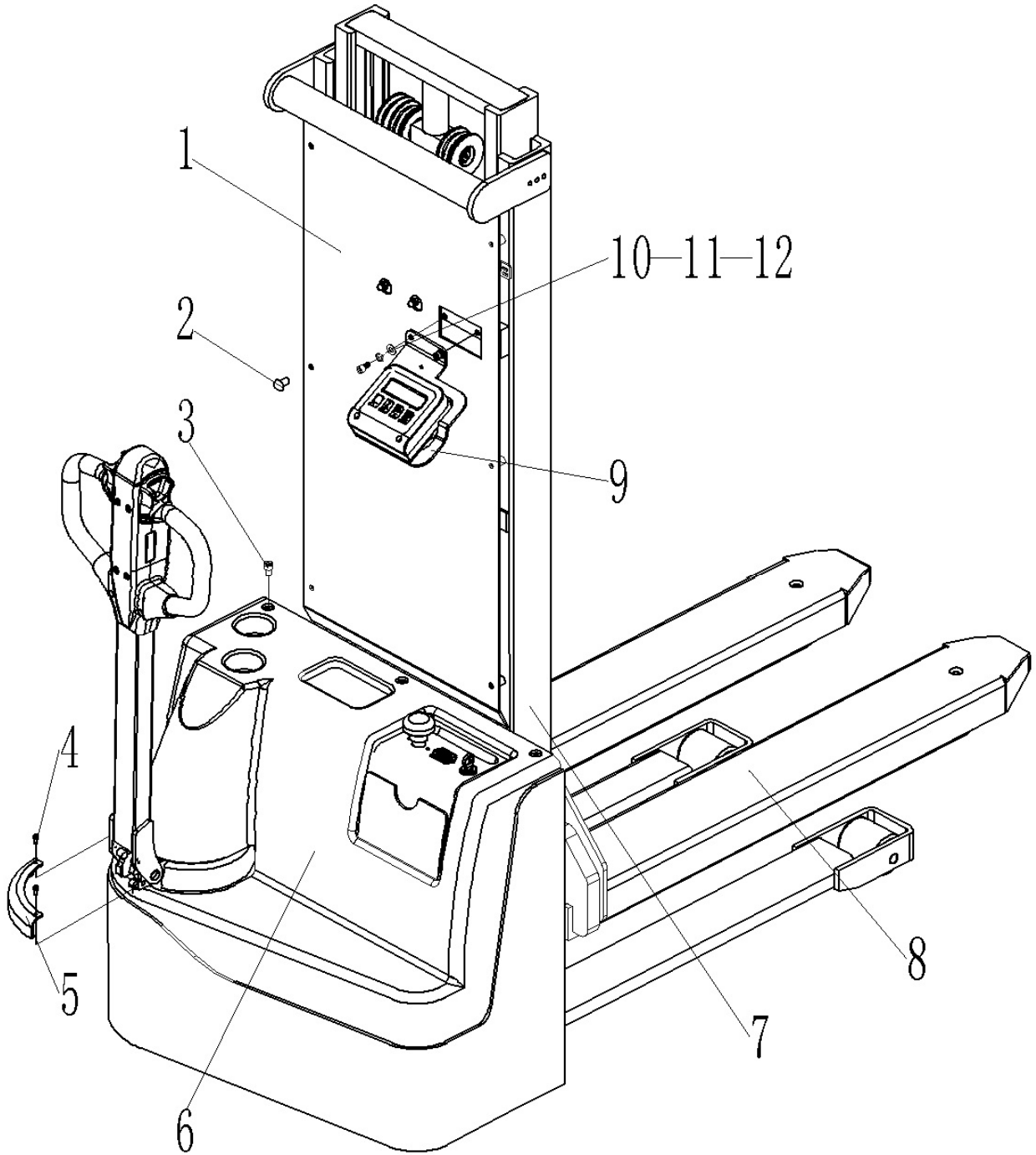


Fig.1 Main Components

No.	Art No.	Description	Qty.	Note
1	9000002119	Protective plate	1	Double mast 2900
2	0000023555	Screw	8	
3	1000423003	Screw	2	
4	0000023076	Screw	2	
5	9000002060	Open plate	1	
6	9000002059	Cylinder cover	1	
7	9000002108	Chassis (incl. outer mast))	1	Double mast 570X2900
8	9000012026	Fork assembly	1	Double mast 570
9	9000012027	Indicator fixing plate	1	
10	0000025011	Washer	2	8
11	0000025001	Washer	2	8
12	0000023067	Screw	2	M8x16

Fig. 2 Fork

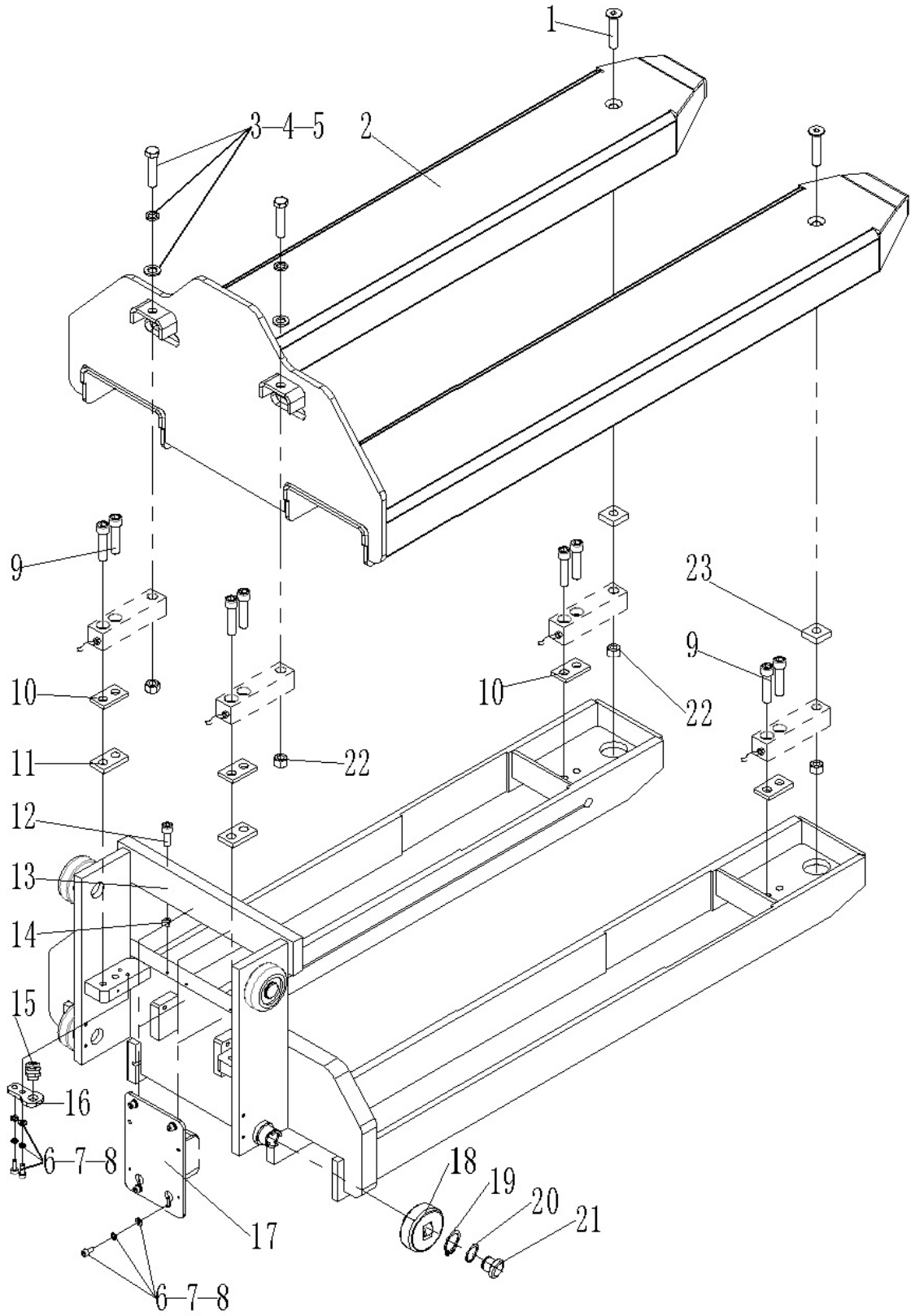


Fig.2 Fork

No.	Art No.	Description	Qty.	Note
1	0090000759	Screw	2	M12x60
2	9000012028	Weighing plate	1	
3	0000023748	Bolt	2	M12x55
4	0000025032	Washer	2	12
5	0000025024	Washer	2	12
6	0000023040	Screw	6	M6x16
7	0000023055	Washer	6	6
8	0000025010	Washer	6	6
9	0000023122	Screw	4	M12x50
	9000012029	Protective shell	1	
10	9000012030	Sensor washer 2	2	
11	9000012031	Sensor washer 1	4	
12	0090000189	Screw	11	M4x8
13	9000012032	Pallet	1	
14	1000403004	Buckle	11	
15		Cable spiral joint	1	
16	9000012084	Wire fixing plate	2	
17		Wiring board	1	
18	2530402002	Roller	4	
19	0000026013	Circlip	4	25
20	2500525001	Washer	4	
21	2500502003	Side cushion	4	
22	0000024047	Nut I	4	M12
23	9000012033	Cushion block 2	2	

Fig. 3 Steering wheel

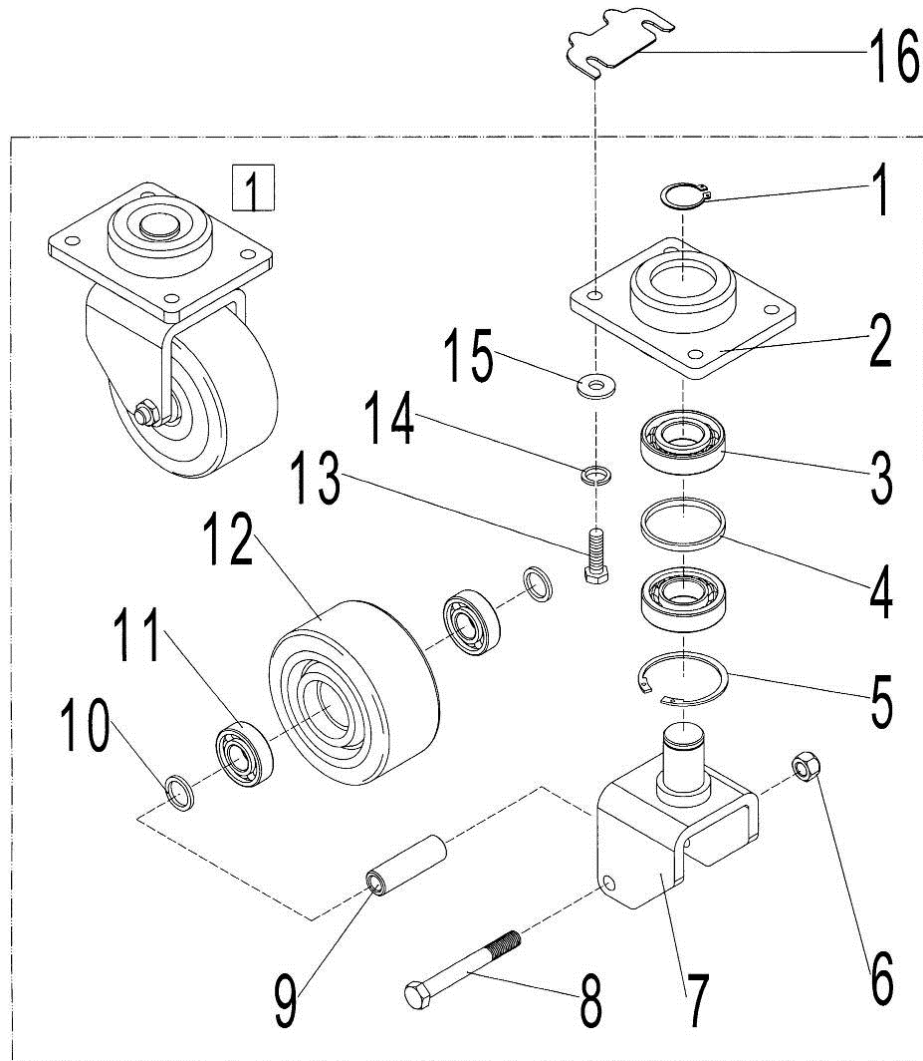


Fig. 3 Steering Wheel

No.	Art No.	Description	Qty.	Note
1	0000026008	Circlip	1	
2	2000405001	Bearing seat	1	
3	0000027013	Bearing	2	
4	2000413001	Bushing	1	
5	0000026010	Circlip	1	
6	0000024015	Nut	1	
7	2000401007	Wheel frame	1	
8	0000023111	Bolt	1	
9	2000413002	Sleeve	1	

10	1000525001	Washer	2	
11	0000027001	Bearing	2	
12	2020416001	Wheel	1	
13	0000023029	Screw	4	
14	0000023006	Washer	4	
15	0000025002	Washer	4	
16	9000005936	Adjusting plate	4	
<input type="checkbox"/> ,1	2040400001	Steering wheel kits		

Fig. 4 Load roller

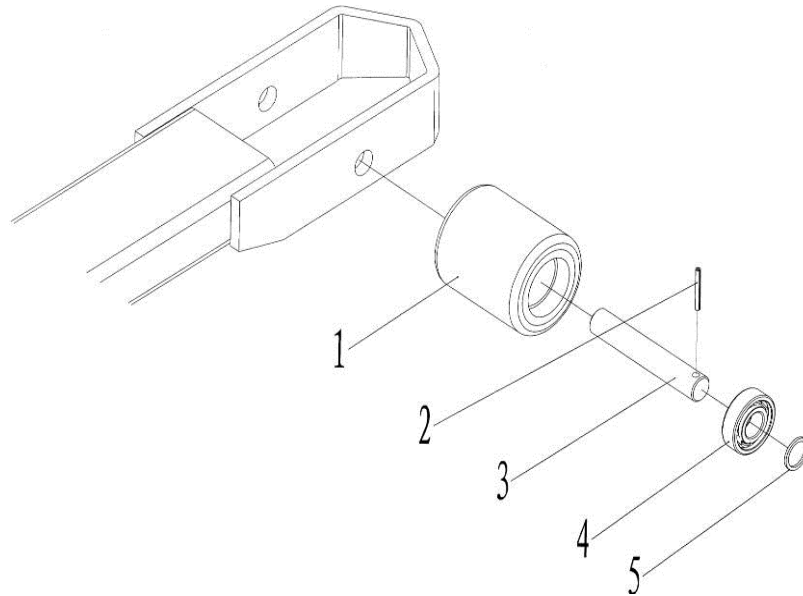


Fig. 4 Load Roller

No.	Art No.	Description	Qty.	Note
1	2000416003	Load roller	1	
2	0000028055	Dowel pin	2	
3	1030507004	Spindle	1	
4	0000027001	Bearing	2	
5	1000525001	Washer	2	

Fig. 5 Mast assembly

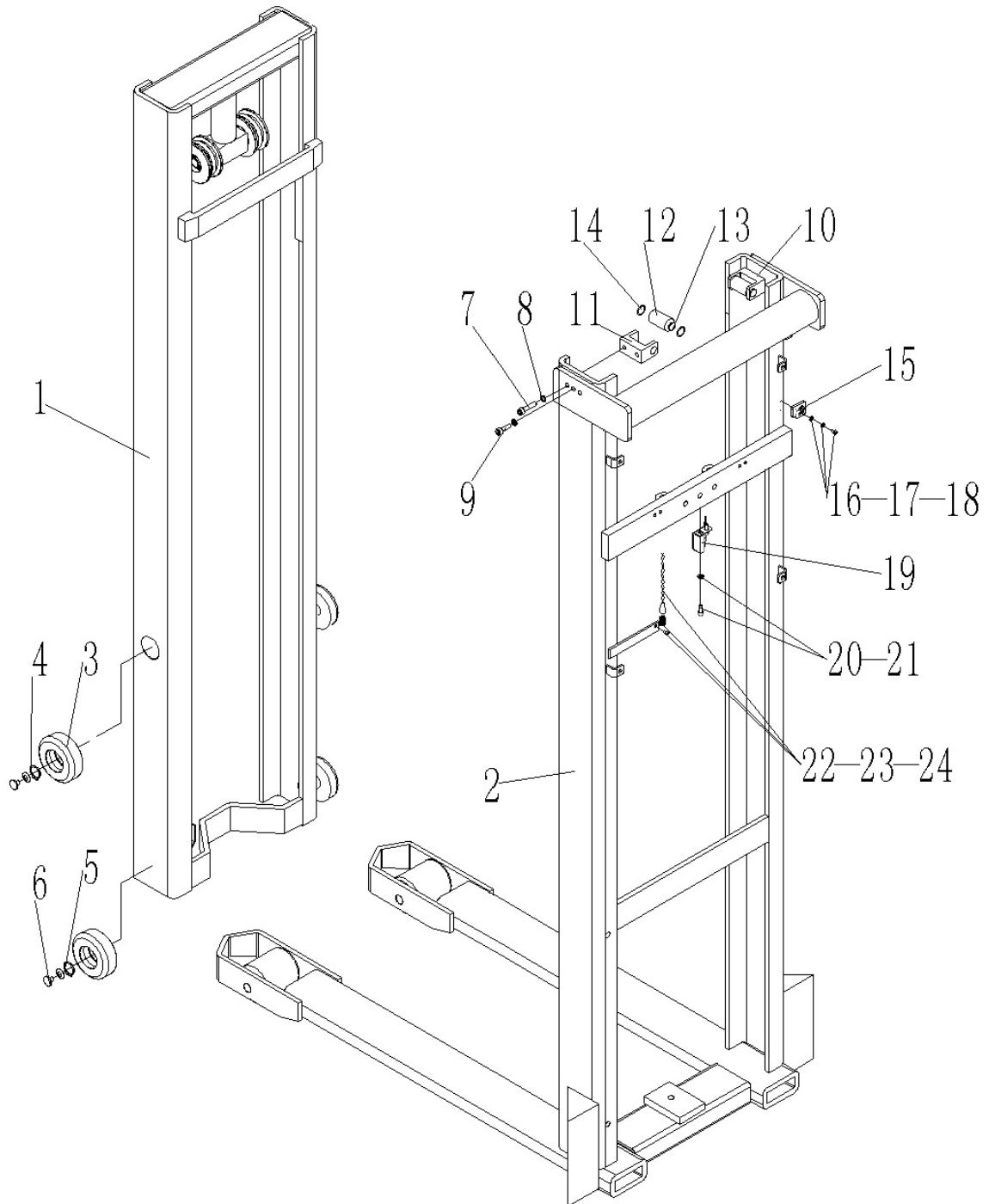


Fig. 5 Mast Assembly Two-Stage-Mast

No.	Art No.	Description	Qty.	Note
1	9000002124	Mast	1	2900
2	9000002108	Chassis	1	570X2900
	9000005964			685X2900
3	2530402002	Bearing	4	
4	0000026013	Circlip	4	
5	2500525001	Washer	2	Quality depends on situation
6	2500502003	Side cushion	4	
7	0000023172	Screw	4	
8	0000025001	Washer	4	
9	0000023047	Screw	2	
10	2530500002	Guide castor	2	Assembly
11	2530504007	Wheel seat	2	
12	2500511002	Guide castor	2	
13	2500507003	Hinge pin	2	
14	0000026034	Circlip	4	
15	9000009799	Switch interim plate	2	
16	0000025014	Washer	2	5
17	0000025015	Washer	2	5
18	0000023311	Screw	2	M5x16
19	9000012034	Micro switch fixing plate	1	
20	0000023055	Washer	2	6
21	0000023311	Screw	2	M6x16
22	0000023311	Screw	1	M5x10
23	9000008681	Bushing	1	
24	9000009836	Spring	1	φ 1.6, length 90

Fig. 6 Electronic control assembly

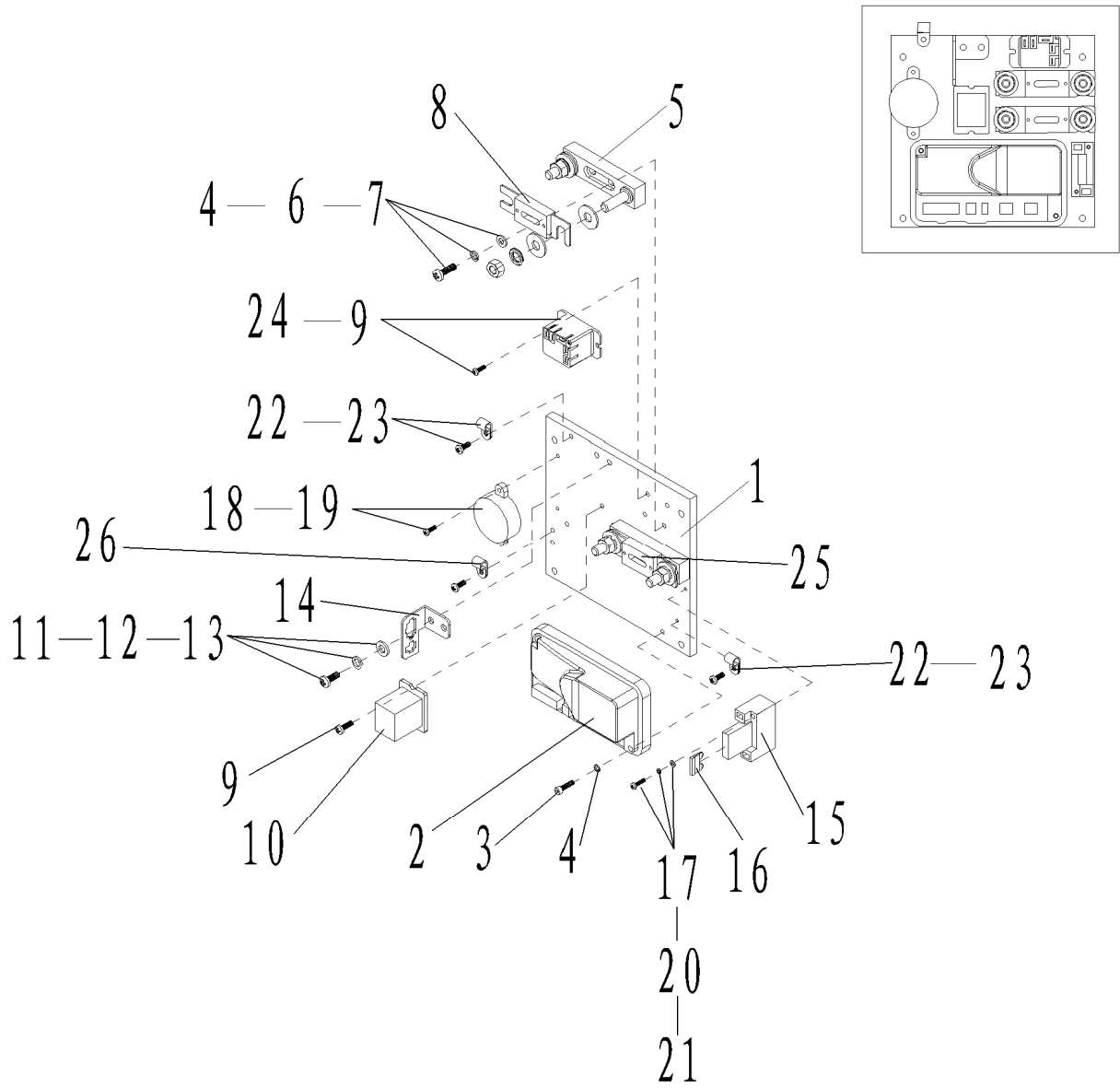


Fig.6 Electronic Control Assembly

No.	Art No.	Description	Qty.	Note
1	9000002066	Aluminum plate	1	
2	9000009802	Controller	1	CURTIS1212P-2501
3	0000023033	Screw	2	
4	0000025018	Washer	8	
5	1000434007	Fuse seat SYY	2	
6	0000025019	Washer	6	
7	0000023211	Screw	2	
8	2210434004	Fuse	1	
9	0000023071	Screw	2	
10	9000005985	Temperature protection module	1	BD-W-115-N
11	0000023516	Screw	2	
12	0000025014	Washer	2	
13	0000025015	Washer	2	
14	1000404005	Connector holder	1	
15	1000434021	Fuse seat	1	
16	1000434040	Fuse	1	
17	0000023074	Screw	2	
18	9000007394	Buzzer	1	HYD-4216W 24VDC
19	0000023648	Screw	2	
20	0000025003	Washer	2	
21	0000025026	Washer	2	
22	1000403004	Buckle UC-2	2	
23	0000023307	Screw	4	
24	9000002322	Pump contactor	1	ARP12F-1C 24VDC
25	1000434020	Fuse	1	
26	9000002325	Cable clamp UC-5	2	

Fig. 7 Main harness

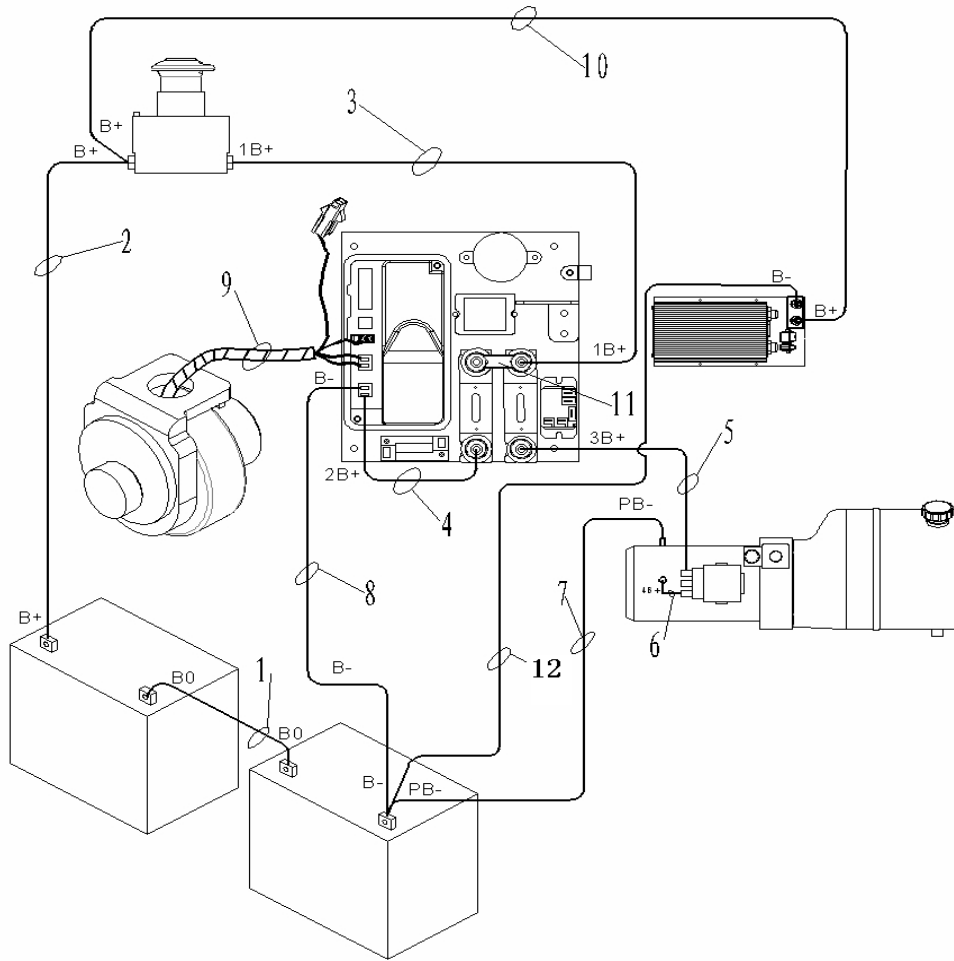


Fig.7 Main Harness

No.	Art No.	Description	Qty.	Note
1	9000002409	B0 wire	1	
2	9000002410	B+ wire	1	
3	9000002411	1B+ wire	1	
4	9000002412	2B+ wire	1	
5	9000002413	3B+ wire	1	
6	9000002414	4B+ wire	1	
7	9000002415	PB- wire	1	
8	9000002416	B- wire	1	
9	9000002417	Driving wheel harness	1	
10	9000002418	Charger anode B+ wire	1	
11	1020434003	Copper bar 1	1	
12	9000008788	Charger B- wire	1	New added

Fig.8 Electric parts and components

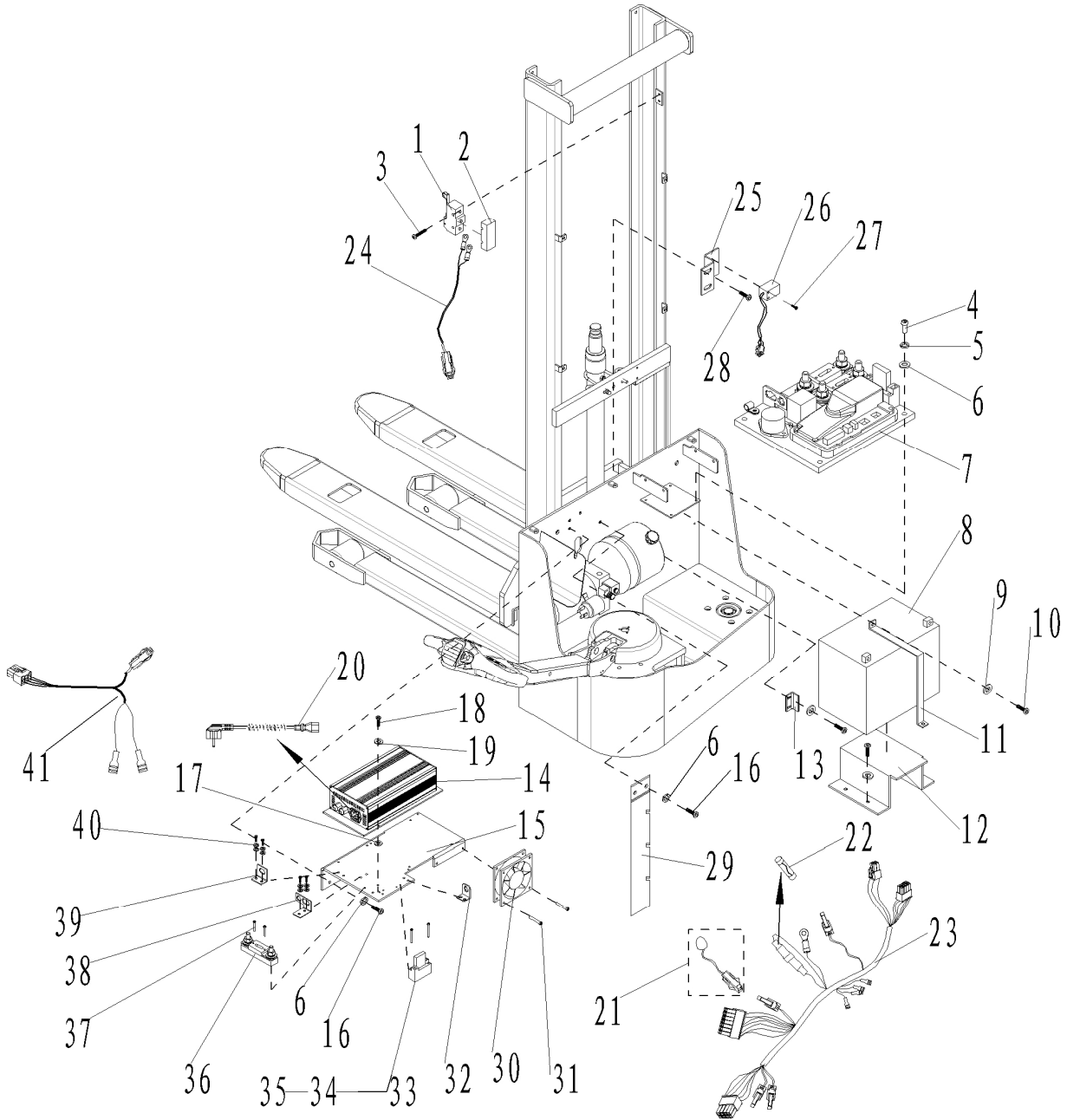


Fig.8 Electric Parts and Components

No	Art No.	Description	Qty	Note
1	204063400 1	Micro switch	2	XZ-15GW22-B
2	204060300 2	Micro switch protective cover	2	
3	000002303 3	Screw	4	M4x25
4	000002310 7	Screw	6	M5x16
5	000002501 5	Spring washer 5	18	
6	000002501 4	Washer 5	12	
7	900000206 5	Electronic control assembly	1	
8	100043200 1	Battery 12V/85Ah	2	Optional
	210043200 1	Batter12V/106Ah	2	
9	000002501 1	Washer 8	8	
10	000002301 2	Screw	8	M8x12
11	900000206 2	Battery holder	1	
12	900000206 3	Battery fixing seat	1	With 106Ah battery
13	900000206 4	Battery fixing angle iron	2	
14	900000206 8	Charger 24V/10A NCN24101P22		Input voltage: 220AC (domestic market)
	900000863 8	Charger QQE240-11CH59	1	Input voltage: 100-240AC (export sales)
15	900000867 8	Charger holder	1	Change
16	000002307 6	Screw	6	M5X12
17	100041800 2	Pad	1	11.5X7.5X3
18	000002305 6	Screw	4	M4X12

19	000002501 9	Washer 4	4	
20	101043400 9	Spring cord 3*0.75(Australian)	1	Optional
	101043401 1	Spring cord 3*0.75(English)	1	
	101043401 2	Spring cord 3*0.75(European)	1	
	101043401 3	Spring cord 3*0.75(Italian)	1	
	101043401 4	Spring cord 3*0.75(Sweden)	1	
	253033400 5	Spring cord 3*0.75(American)	1	
	101043402 3	Spring cord 3*0.75(Asian)	1	
21	900000219 2	LED Fault indicator	1	
22	900000232 4	Fuse tube	1	5*20 0.5A
23	900000240 7	Control harness	1	
24	900000240 8	Micro switch harness	1	
25	900000207 9	Proximity switch fixing plate	1	
26	900000742 7	Proximity switch NBN5-FT-E2	1	One-stage-mast
	900000742 8	Proximity switch NBN5-FT-E2	1	Two-stage-mast
27	000002307 5	Screw	2	M3X20
28	000002304 2	Screw	2	M6x10
29	900000593 7	Cable holder	1	
30	101043400 7	Fan	1	ADDA DC12V
31	000002304 1	Screw	2	M4x30
32	101040400 5	Connector	1	
33	100043402 1	Fuse seat	1	BD-1X10A

34	101043400 8	Plug fuse	1	1A
35	000002307 4	Screw	2	M3x30
36	100043400 7	Fuse holder SYY	1	
37	000002321 1	Screw	2	M4x16
38	100040400 5	Connector holder	1	
39	101040400 6	Connector holder	1	
40	000002351 6	Screw	6	M5x10
41	900000878 7	Fan connecting cable	1	

Fig.9 Hydraulic system

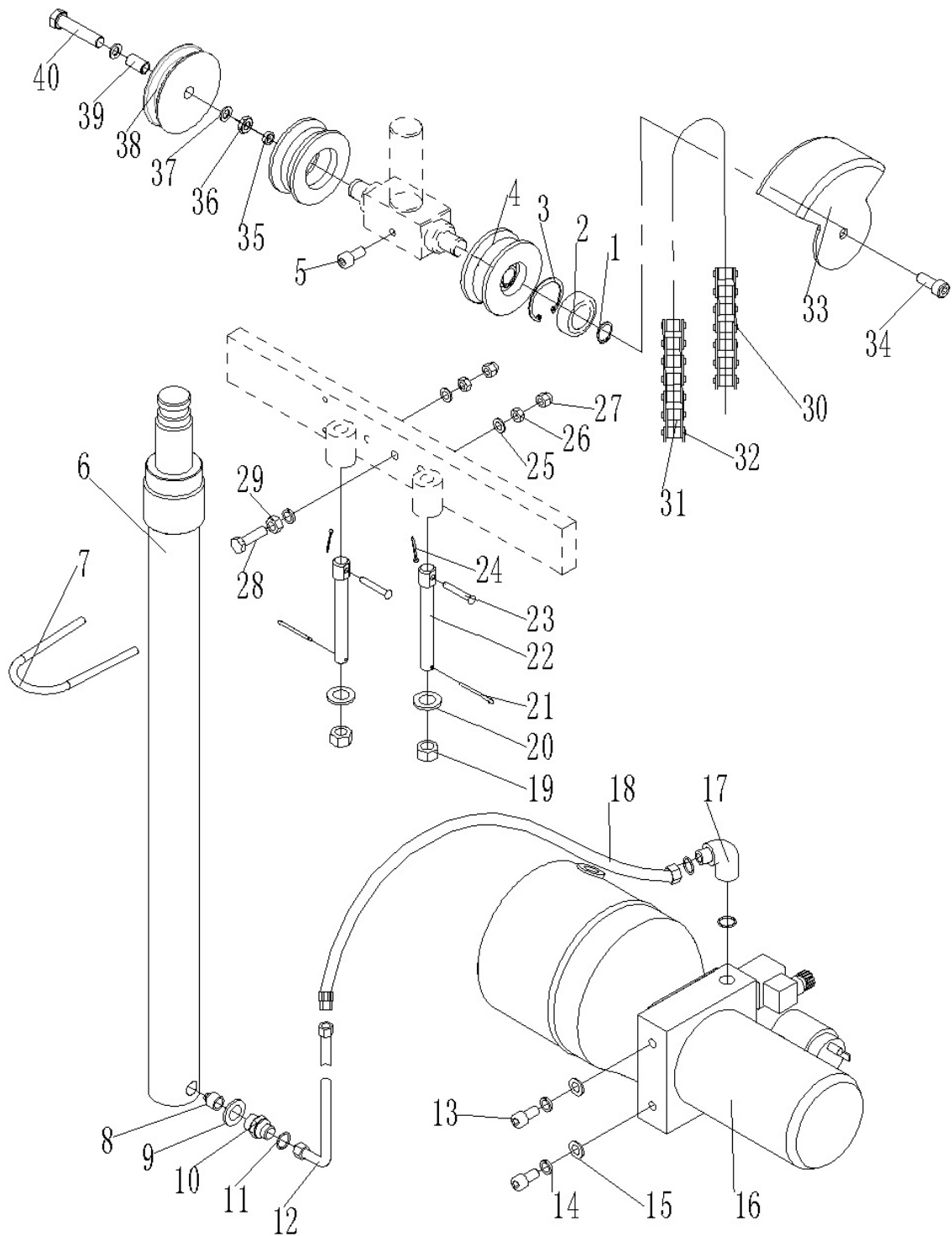


Fig.9 Hydraulic System Two- Stage-Mast

No.	Art No.	Description	Qty.	Note
1	0000026003	Circlip	2	20
2	0000027001	Bearing	2	6204
3	0000026009	Circlip	2	47
4	2510510001	Chain wheel	2	
5	0000023067	Screw	1	M8x16
6	9000002122	Cylinder assembly	1	ECL1029
7	2530202002	Cylinder hoop	1	
8	2000337001	Safety valve	1	
9	0000022051	Seal washer	1	
10	2000317002	Straight joint	1	
11	0000022011	O type rubber seal ring	3	
12	9000002082	High pressure steel tube	1	
13	0000023099	Screw	2	
14	0000023006	Washer	3	
15	0000025106	Washer	2	
16	2130300002	Pump station	1	24V 2.2KW delivery capacity 2.0
17	0000017002	Joint	1	
18	9000002082	High pressure rubber tube	1	
19	0000024087	Nut	2	
20	0000025079	Washer	2	
21	0000028011	Split pin	2	
22	2500502007	Chain pulling rod	2	
23	0000028110	Hinge pin	2	
24	0000028092	Split pin	2	
25	0000025011	Washer	2	
26	0000024086	Nut	2	
27	0000024092	Nut	2	
28	0000024013	Nut	2	
29	0000023503	Bolt	1	
30	0000029268	Roller chain	2	ECL1029
31	0000028030	Hinge pin	2	
32	0000028010	Split pin	2	

33	2530504001	Chain wheel cover	2	
34	0000023044	Screw	2	
35	9000012076	Sleeve	1	
36	0000024008	Nut	1	M8
37	0000025011	Washer	2	8
38	9000012074	Roller	1	
39	9000012075	Roller sleeve	1	
40	0000023905	Bolt	1	M8x45

Fig.10 Cylinder assembly

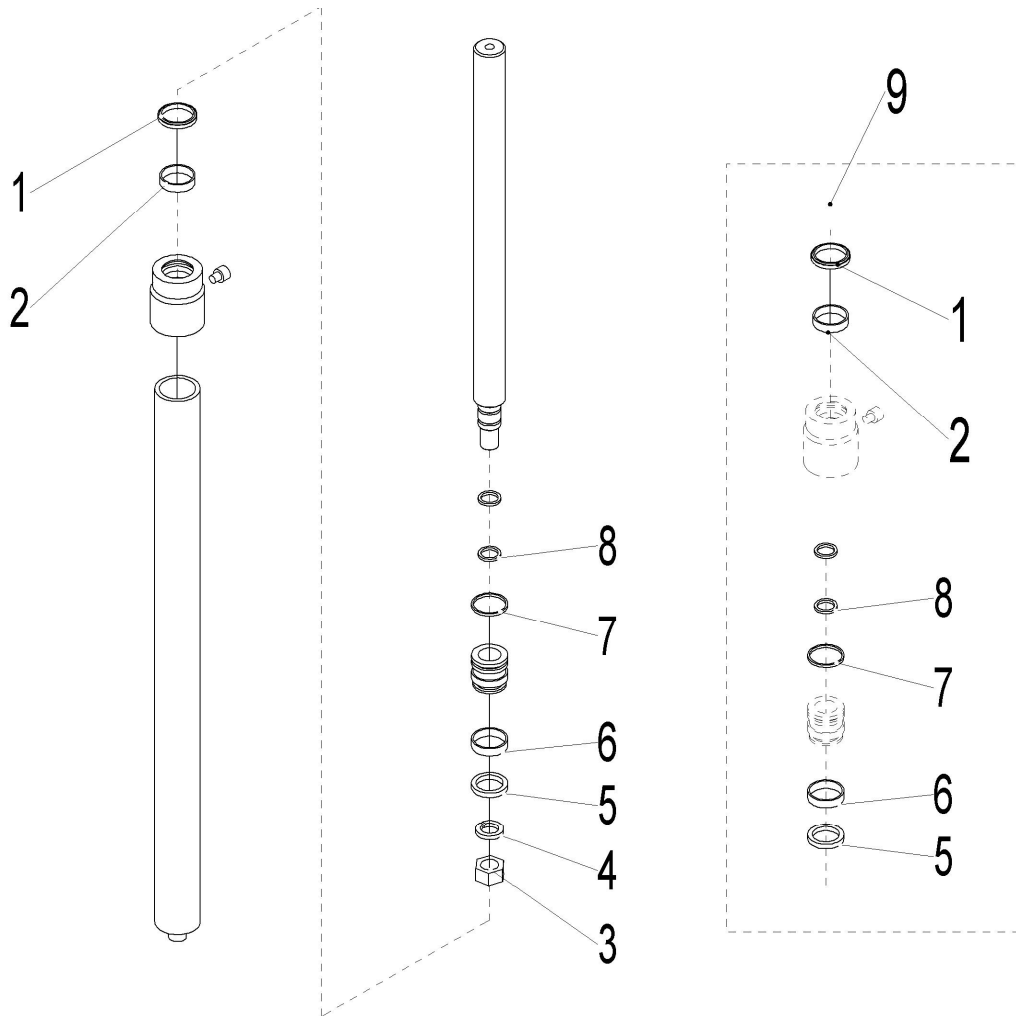


Fig.10 Cylinder Assembly

No.	Art No.	Description	Qty.	Note
1	2000322001	Dust ring	1	
2	2000322002	Support ring for shaft	1	
3	0000024074	Nut	1	
4	0000025033	Washer	1	
5	2010322001	Y seal ring	1	
6	2000322003	Support ring for hole	1	
7	0000022013	O ring	1	
8	0000022014	O ring	2	
9	9000010407	Seal kits	1	Sealing parts pack

Fig.11 Pump system

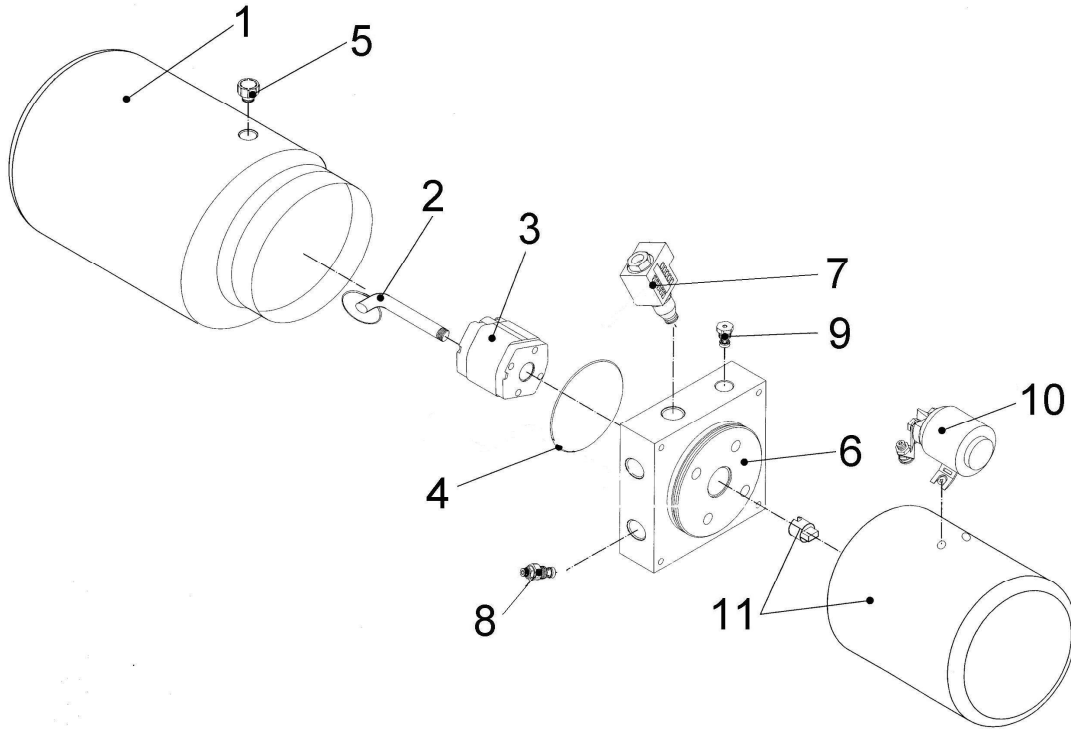


Fig.11 Pump System

No.	Art No.	Description	Qty.	Note
1	2130301001	Oil cylinder	1	
2	2500217001	Oil suction pipe	1	
3	2500237001	Gear pump	1	
4	2500222001	O ring	1	
5	2500237005	Refill cover	1	
6	2500215002	Center valve block	1	
7	2110234001	Solenoid valve	1	
8	2500235002	Overflow valve	1	
9	2500235003	Check valve	1	
10	2110234003	Contactor	1	
11	2110234002	Motor	1	

Fig.12 Drive system

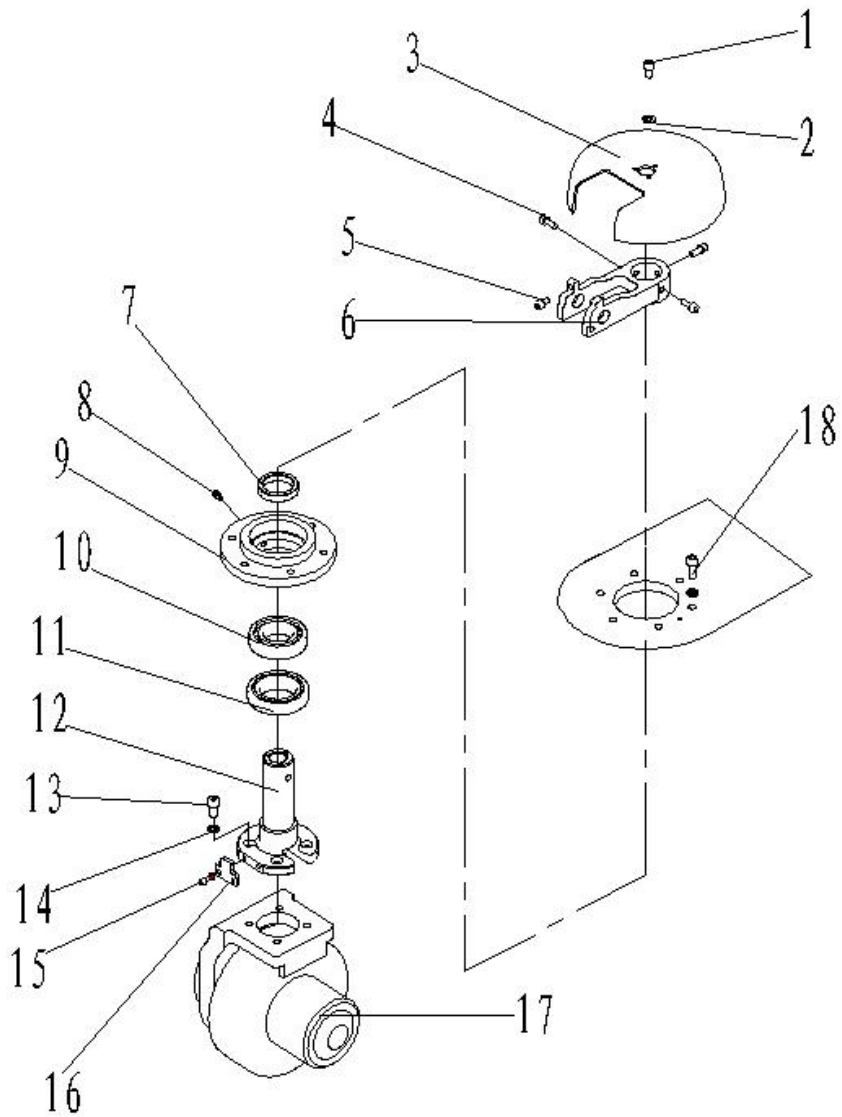


Fig.12 Drive System

No.	Art No.	Description	Qty.	Note
1	0000023059	Screw	3	
2	0000025019	Washer	3	
3	9000002090	Driving wheel cover	1	
4	0000023044	Screw	3	
5	0000023089	Screw	1	
6	9000002089	Handle seat	1	
7	9000002087	Locating sleeve	1	
8	0000023042	Screw	4	

9	9000002086	Bearing seat	1	
10	0000027048	Bearing	1	
11	0090000038	Bearing	1	
12	9000002085	Connecting flange	1	
13	0000023034	Screw	4	
14	0000023006	Washer	10	
15	0000025010	Washer	4	
16	9000002088	Locating block	1	
17	9000001023	Drive wheel	1	
18	0000023088	Screw	6	

Fig.13 Indicator assembly

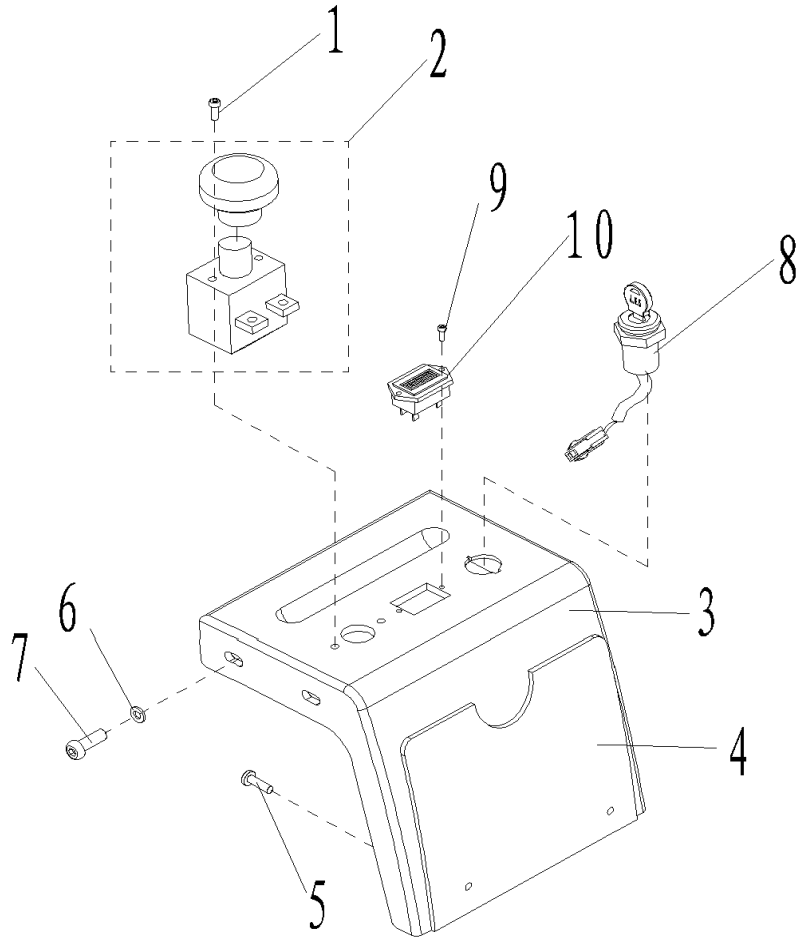


Fig.13 Indicator Assembly

No.	Art No.	Description	Qty.	Note
1	0090000041	Screw	2	
2	2240434001	DC power switch	1	
3	9000002070	Instruments cover	1	
4	9000002071	Clipboard	1	
5	0000024002	Nut	4	
	0000023075	Screw	4	
6	0000025011	Washer	4	
7	0000023089	Screw	4	
8	1010434002	Key switch	1	LKS-101A
9	1000123003	Screw	2	
10	9000009801	Curtis Indicator	1	906T24BWBAN

Fig.14 Handle arm assembly

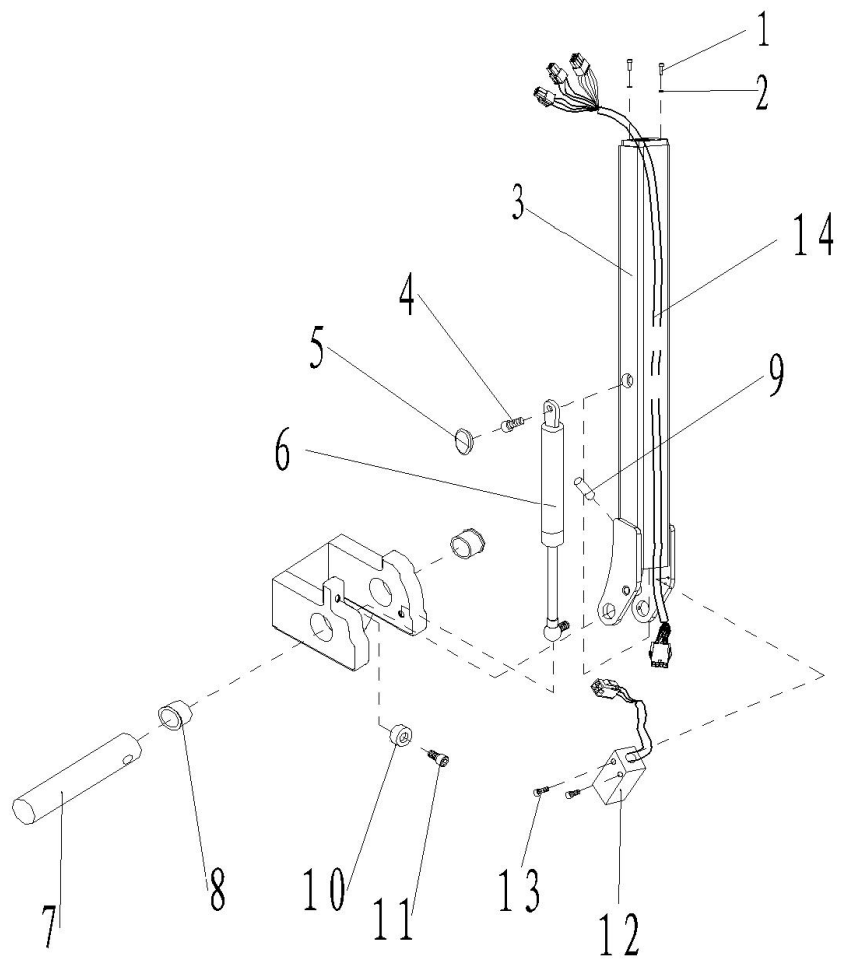
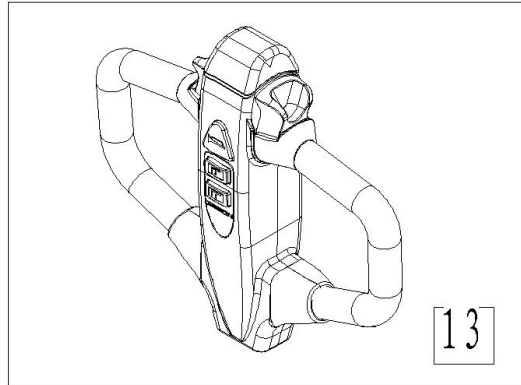


Fig.14 Handle Arm Assembly

No.	Art No.	Description	Qty.	Note
1	0000023061	Screw	4	
2	0000025004	Washer	4	
3	9000005940	Handle bar	1	
4	1000123001	Screw	1	
5	1030418001	Sleeve	1	
6	9000007398	Air spring	1	F=800N
7	9000005945	Spindle	1	
8	0000013002	Bushing	2	
9	0000028163	Dowel pin	1	
10	0000025004	Washer	1	
11	0000023089	Screw	1	
12	9000007427	Proximity switch	1	NBN5-FT-E2
13	0000023075	Screw	2	
14	9000002406	Handle cable	1	
□, 13	9000001927	Handle	1	

Fig.15 Economic handle head

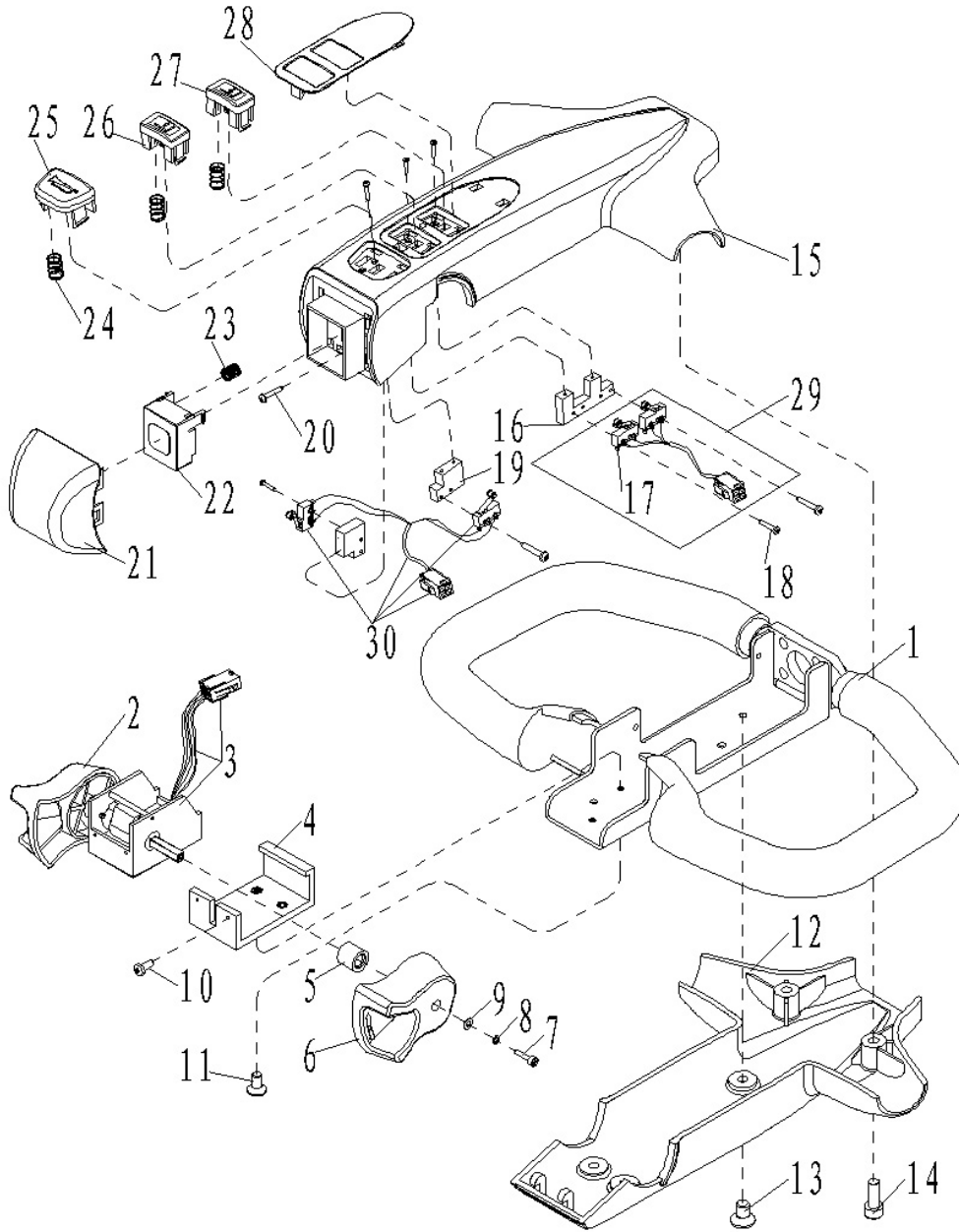


Fig.15 Economic Handle Head

No.	Art No.	Description	Qty.	Note
1	9000002189	Tiller block	1	
2	9000002175	Left drive button	1	
3	9000008334	Accelerator BD-190	1	
4	9000002177	Accelerator connector	1	
5	9000002188	Bushing	2	
6	9000002176	Right drive button	1	
7	0000023304	Screw	2	
8	0000025003	Elastic washer	2	
9	0000025026	Washer	2	
10	0090000190	Screw	2	
11	0090000189	screw	3	
12	9000002179	Lower cover	1	
13	0000023138	screw	4	
14	0000023040	screw	2	
15	9000002178	Upper cover	1	
16	9000002311	Micro switch fixing plate	1	
17	9000002161	Micro switch	4	SS-5GL2
18	0090000261	screw	14	
19	9000002310	Micro switch fixing plate	2	
20	0090000262	screw	7	
21	9000002180	Belly button	1	
22	9000002181	Belly block	1	
23	9000002182	Spring 0.8	4	
24	9000002186	Spring 0.6	6	
25	9000002183	Horn button	1	
26	9000002184	Lifting button	1	
27	9000002185	Lowing button	1	
28	9000002187	Sticker	1	
29	9000002473	Tiller micro-switch assembly 2	1	
30	9000002190	Tiller micro-switch assembly 2	1	

Fig.16 Drive wheel assembly

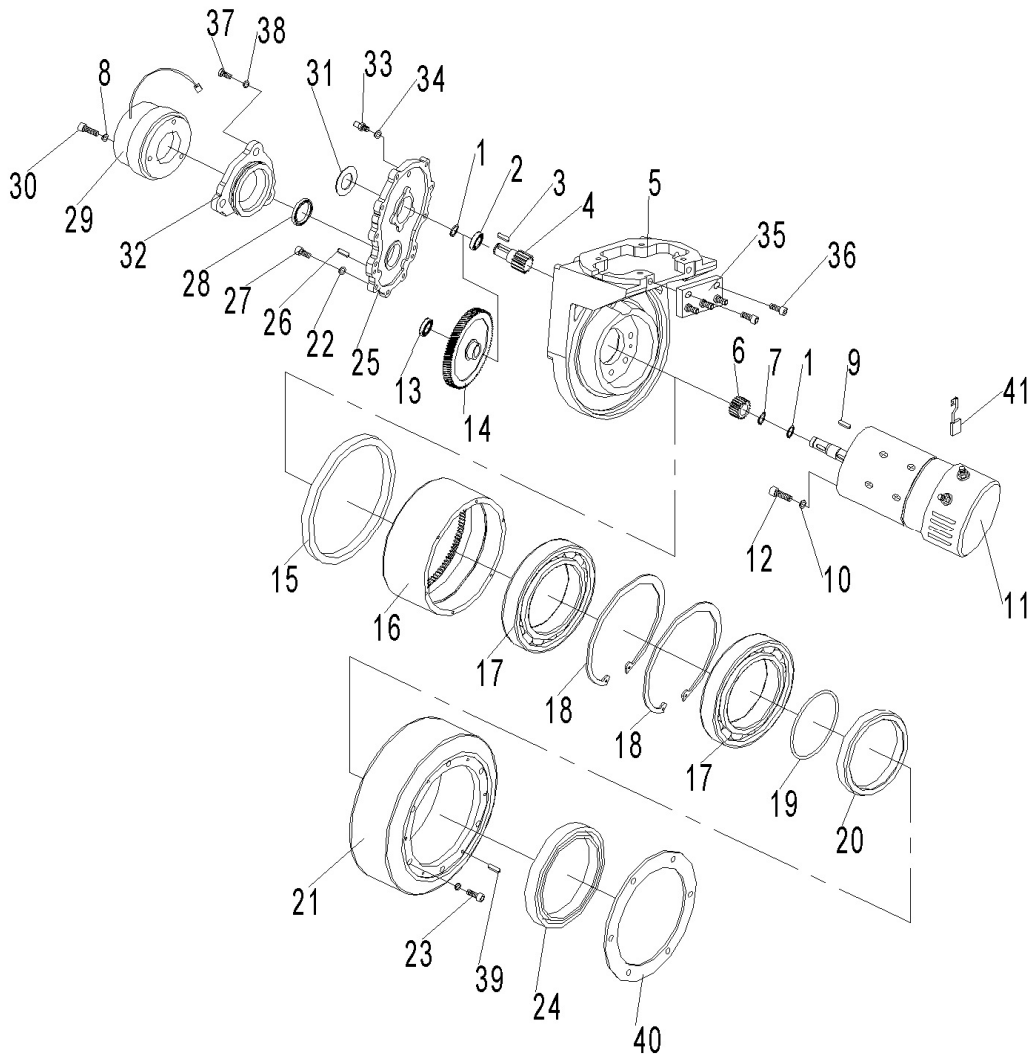


Fig.16 Drive Wheel Assembly

No.	Art No.	Description	Qty.	Note
1	0000026005	Circlip	2	
2	0000027068	Bearing	1	
3	0000036005	Flat key A	1	
4	9000002136	Gear axle	1	
5	9000002137	Gearbox	1	
6	1070309001	Small gear	1	
7	0000026004	Circlip	1	
8	0000025009	Washer	3	
9	0000036002	Flat key	1	
10	0000025020	Washer	5	

11	9000002138	Permanent magnet motor	1	
12	0000023061	screw	5	
13	0000027086	Bearing	1	
14	1070309002	Big gear	1	
15	0090000178	Oil seal	1	
16	9000002139	Inner gear ring	1	
17	0090000179	Bearing	2	
18	0090000180	Circlip	2	
19	0090000181	O ring	1	
20	9000002140	Filter seal seat	1	
21	9000002141	Wheel	1	
22	0000025006	Washer	11	
23	0090000182	Screw	10	
24	9000002142	Seal ring	1	
25	1070302007	Gear box cover	1	
26	0000028144	Dowel pin	2	
27	0000023063	screw	11	
28	0090000183	Oil seal	1	
29	1070335002	Electromagnetic brake	1	
30	0000023674	Screw	3	
31	1070302008	Cover	1	
32	1070302009	Protective sleeve	1	
33	1070123001	Air plug	1	
34	0000025021	Washer	1	
35	1070302010	Cable fixing plate	1	
36	0000023675	Screw	2	
37	0000023065	Screw	3	
38	0000025012	Washer	13	
39	0090000184	Dowel pin	2	
40	0090000185	O ring	1	
41	9000002143	Carbon brush	1	

1. Gear spare parts need to offer in pairs.

Fig.17 Sticker for EU

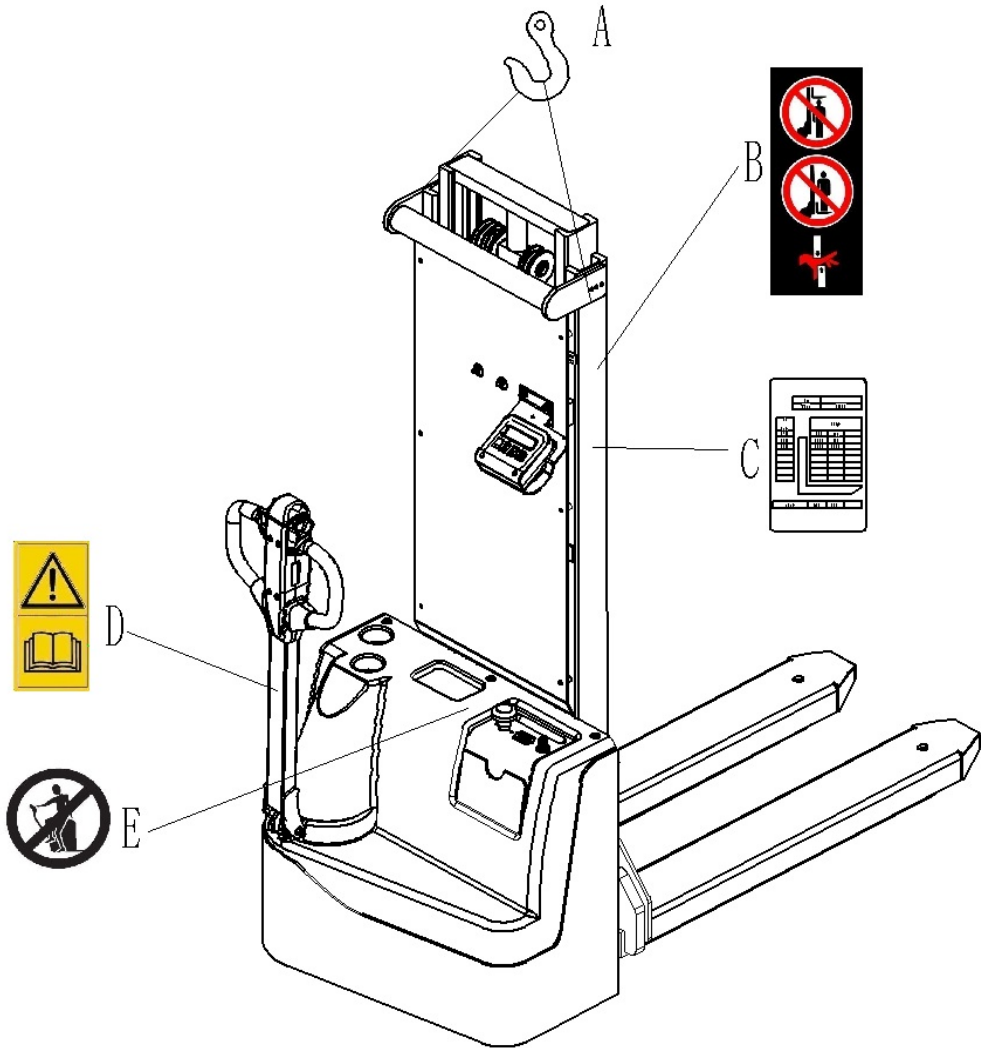


Fig.17 Sticker for EU

No.	Art No.	Description	Qty.	Note
A	9000005967	Sign hook	2	
B	9000003923	Warning decal: Do not step under or on the forks	1	
C	9000005968	Residual lift capacity sticker	1	
D	9000003570	Sticker to read and follow these instructions	1	
E	9000003573	'No passengers' decal	1	

Fig.18 Sticker for US

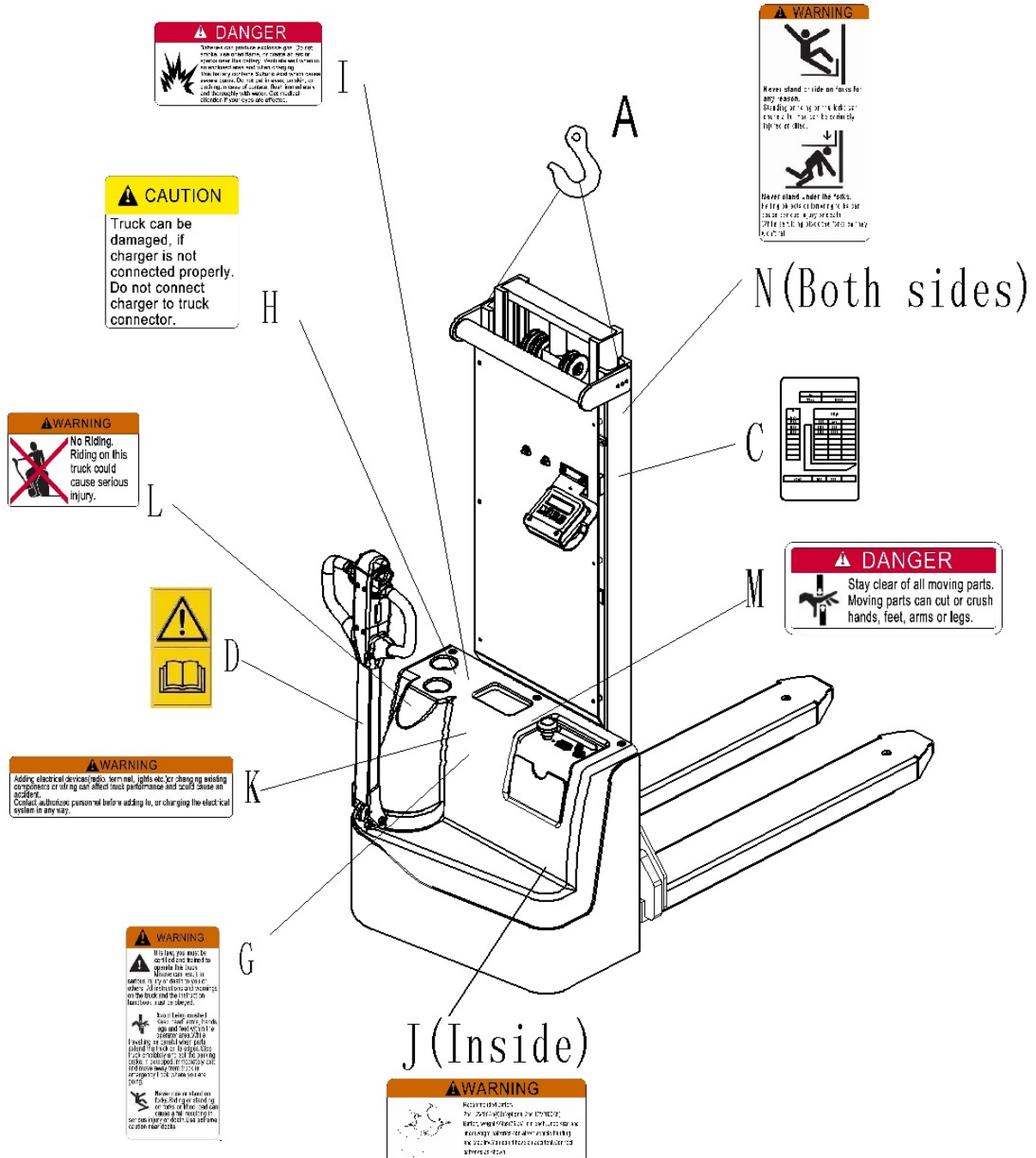


图 18 标贴（美款）

No.	Art No.	Description	Qty.	Note
A	9000005967	Sign hook	2	
C	9000005968	Residual lift capacity sticker	1	
D	9000003570	Sticker to read and follow these instructions	1	
G	9000003575	Warning label	1	
H	9000003576	Sign caution charger	1	
I	9000003577	Sign danger battery	1	
J	9000003578	Sign warning battery size	1	
K	9000003579	Sign warning electrical devices	1	
L	9000003580	Sign danger not riding	1	
M	9000005970	Sign Danger moving parts	1	
N	9000005971	Warning label	2	

Easy worn parts list

No.	Art No.	Description	Qty.	Fig./Position	Note
1	2000416003	Small wheel	2	Fig.4/1	Load wheel
2	0000027001	Bearing	4	Fig. 3/11 Fig. 4/4 Fig. 9.1/2 Fig. 9.2/2	Sideways castor Load wheel Single mast hydraulic system Double mast hydraulic system
3	9000002141	Wheel	1	Fig.16/21	Drive wheel assembly
4	9000002143	Carbon brush	4	Fig.16/41	Drive wheel assembly
5	2040634001	Micro-switch	1	Fig.8/1	Electric parts and components
6	9000007398	Air spring	1	Fig.14/6	Handle arm assembly
7	2000322002	Support ring for shaft	1	Fig.10/2	Cylinder assembly
8	0000022014	O ring	2	Fig.10/8	Cylinder assembly
9	0000022013	O ring	1	Fig.10/7	Cylinder assembly
10	2000322003	Support ring for hole	1	Fig.10/6	Cylinder assembly
11	2010322001	Y seal ring	1	Fig.10/5	Cylinder assembly
12	0000022011	O type rubber seal ring	3	Fig. 9.1/12 Fig. 9.2/11	Single mast hydraulic system Double mast hydraulic system
13	1000434008	Fuse	1	Fig.6/8	Electronic control board assembly
14	1000434020	Fuse	1	Fig.6/25	Electronic control board assembly
15	1000434040	Plug fuse	1	Fig.6/16	Electronic control board assembly
16	9000002324	Fuse tube	1	Fig.8/22	Electric parts and components
17	9000002192	LED fault indicator	1	Fig.8/21	Electric parts and

					components
18	9000002322	Pump contactor	1	Fig.6/24	Electronic control board assembly
19	9000002190	Tiller micro-switch assembly 1	1	Fig.15/30	Economic handle head
20	9000002473	Tiller micro-switch assembly 2	1	Fig.15/29	Economic handle head
21	9000007427	Proximity switch	2	Fig.8/26 Fig.14/12	Electric parts and components handle arm assembly
22	9000008334	Accelerator	1	Fig.15/3	Economic handle head