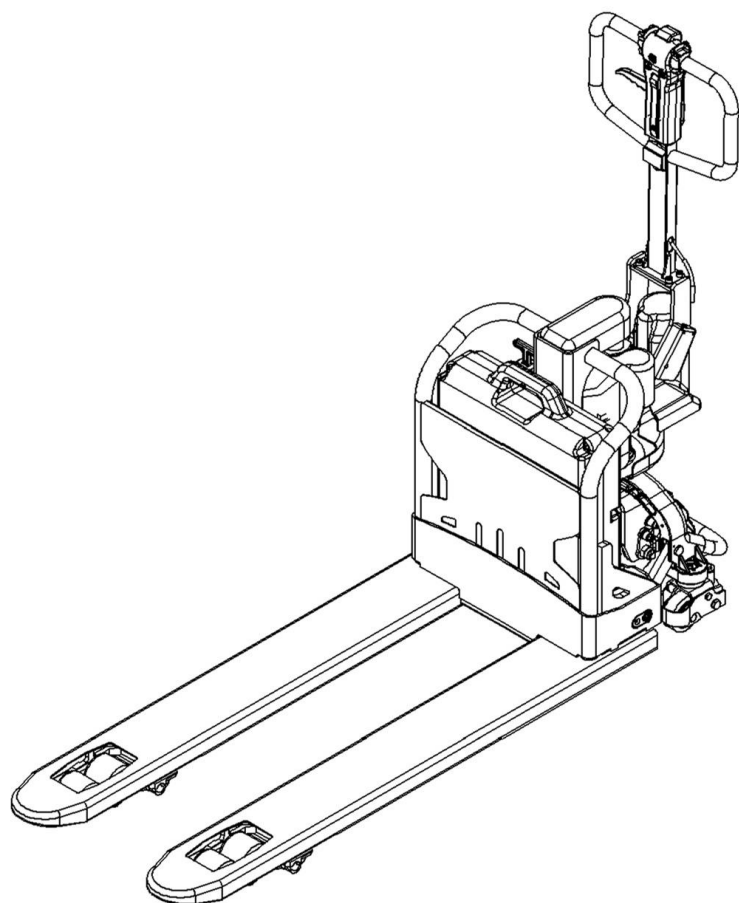


SPARE PARTS LIST

Electric Pallet Truck SPTE15X/PTE15X



Version 05/2017

From truck identification number:

20170500001

SPTE15X/PTE15X -BPT-001-EN

Catalogue

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Fig. 1 Spare parts for frame (540x1150)

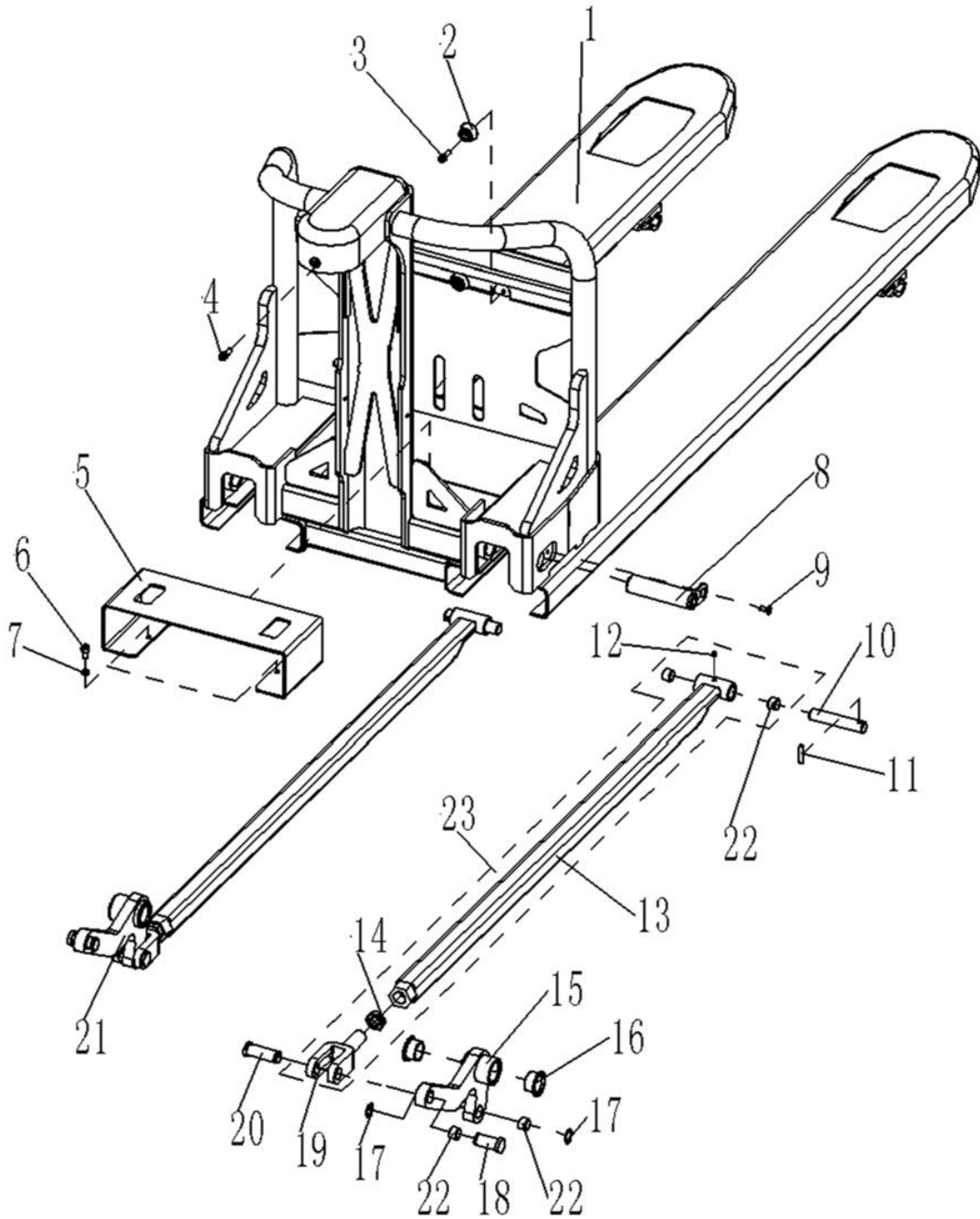


Fig. 1 Spare Parts for Frame(540X1150)

No.	Art No.	Description	Qty.	Note
1	502138510000	Chassis	1	
2	502038520029	Limit pad	4	
3	910200600023	Screw	4	M6x12
4	910200200035	Screw	1	M6x16
5	502138520024	Support plate	1	
6	910200200021	Screw	2	M5x10
7	910400500004	Washer	2	5
8	502038510006	Axle	2	Φ 20x100
9	910200400017	Screw	2	M6x16
10	502338520030	Axle	2	Φ 16x82
11	910600400025	Dowel pin	2	5x30
12	911200100001	Grease nipple	2	6
13	502138510001	Push rod	2	
14	910300400008	Nut	2	M20x1.5
15	502038510004	Rock arm (right)	1	
16	940500200009	Bushing	4	Φ 20xΦ 23x21.5
17	910401300007	Circlip	4	16
18	502338520037	Axle	2	Φ 16x35
19	502338520027	Push rod fork	2	
20	502338520026	Axle	2	Φ 16x46
21	502038510005	Rock arm (left)	1	
22	940500100006	Bushing	8	Φ 16xΦ 18x15
23	502198510000	Push rod kit	2	1150

Fig. 2 Spare parts for frame(685X1220)

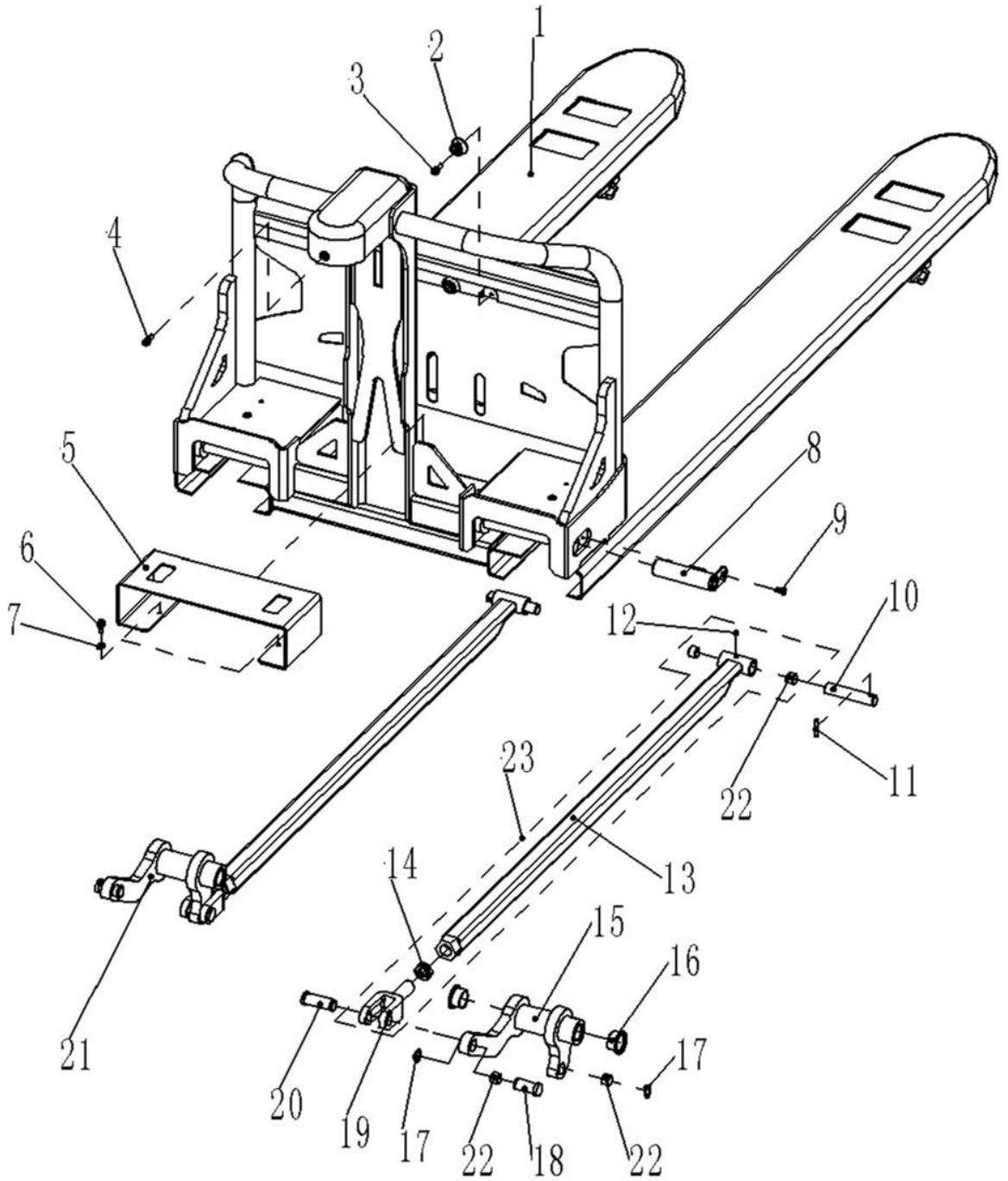


Fig. 2 Spare Parts for Frame(685X1220)

No.	Art No.	Description	Qty.	Note
1	502138510002	Chassis	1	
2	502038520029	Limit pad	4	
3	910200600023	Screw	4	M6x12
4	910200200035	Screw	1	M6x16
5	502138520024	Support plate	1	
6	910200200021	Screw	2	M5x10
7	910400500004	Washer	2	5
8	502038510010	Axle	2	Φ 20x177
9	910200400017	Screw	2	M6x16
10	502338520030	Axle	2	Φ 16x82
11	910600400025	Dowel pin	2	5x30
12	911200100001	Grease nipple	2	6
13	502138510003	Push rod	2	
14	910300400008	Nut	2	M20x1.5
15	502038510008	Rock arm (right)	1	
16	940500200009	Bushing	4	Φ 20x Φ 23x21.5
17	910401300007	Circlip	4	16
18	502338520037	Axle	2	Φ 16x35
19	502338520027	Push rod fork	2	
20	502338520026	Axle	2	Φ 16x46
21	502038510009	Rock arm (left)	1	
22	940500100006	Bushing	8	Φ 16x Φ 18x15
23	502198510001	Push rod kit	2	1220

Fig. 3 Load roller

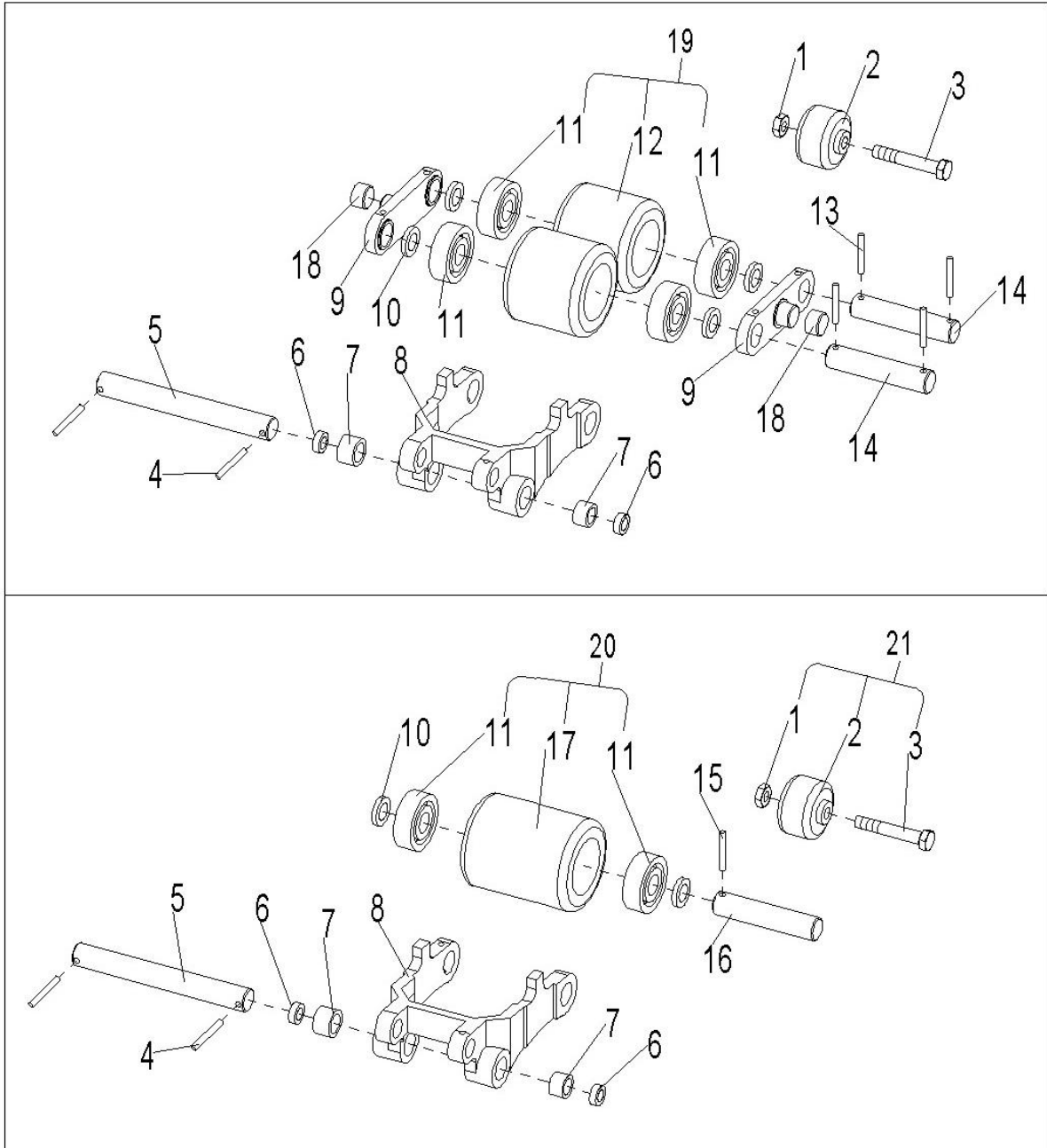


Fig. 3 Load Roller

No.	Art No.	Description	Qty.	Note
1	910300500005	Lock nut	2	M10
2	505638520039	Entry roller	2	
3	910100100035	Bolt	2	M10×60
4	910600400025	Dowel pin	4	Φ 5×30
5	300572020001	Lever block axle	2	
6	502338520033	Exit roller	2	
7	940500100012	Bushing	4	Φ 20xΦ 22x12
8	302538520065	Lever block	2	85mm
		Lever block	2	75mm
9	502317020000	Linking plate	4	tandem
10	940600500013	Washer	8/4(D/S)	
11	910700200019	Bearing	8/4(D/S)	6204
12	940300300005	Castor	4(D)	Φ 80x70
13	910600400027	Dowel pin	8(D)	5x35
14	502317020001	Castor axle	4(D)	Φ 20x94
15	910600400027	Dowel pin	8(D)	5x35
16	301017020001	Castor axle	2(S)	Φ 20x122
17	940300300023	Castor	2(S)	Φ 80x93
18	940500200003	Bushing	4 (D)	Φ 18xΦ 20x12
19	502198510002	Wheel set kit	4	
20	502198510003	Wheel set kit	2	
21	502198510004	Entry roller kit	2	

Fig. 4 Drive system

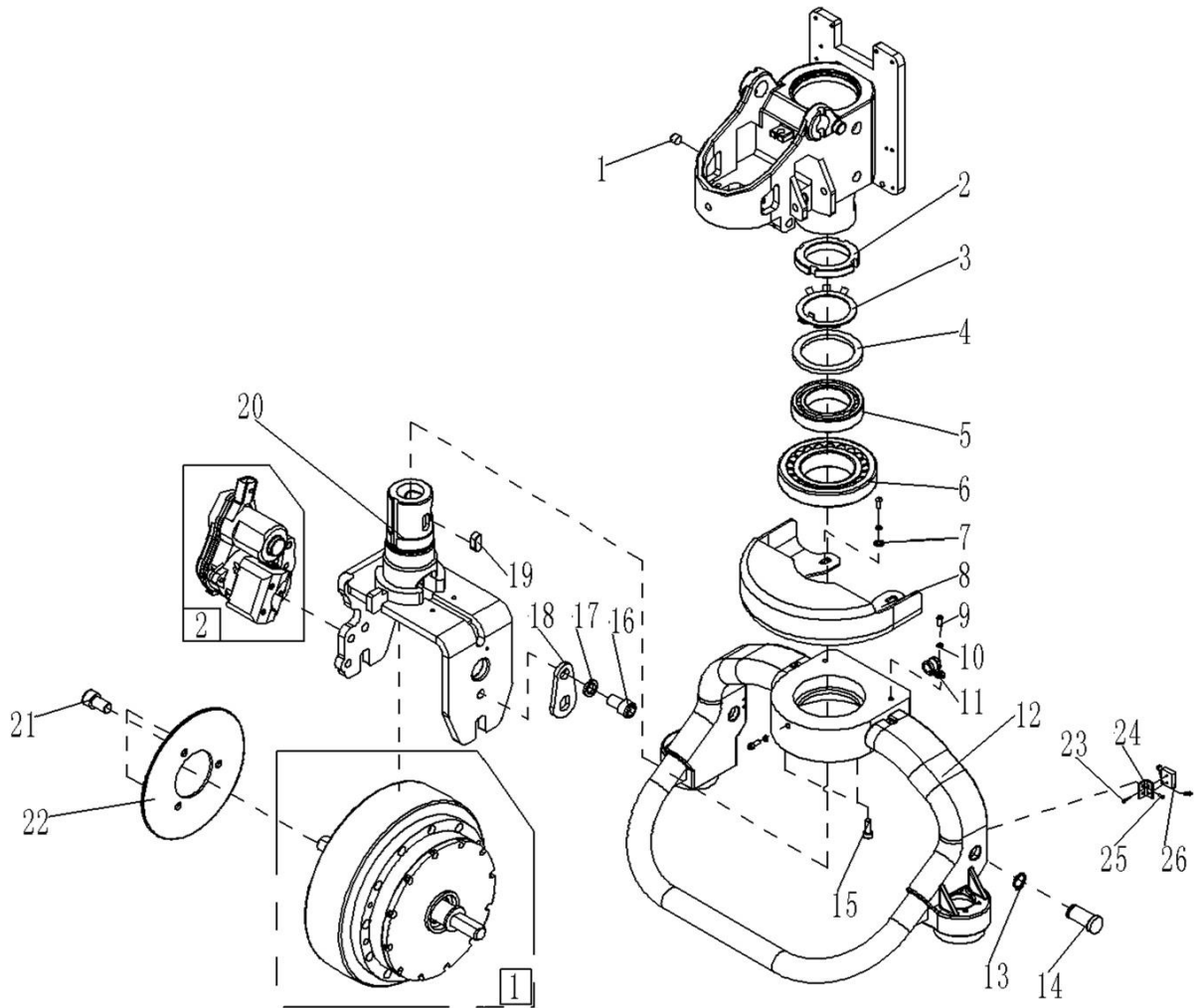


Fig. 4 Drive system

No.	Art No.	Description	Qty.	Note
1	910200800025	Screw	1	M10x12
2	910300700004	Nut	1	M52x1.5
3	910400900012	Washer	1	52
4	503213520001	Dust ring	1	
5	910700600034	Bearing	1	32911
6	910700600006	Bearing	1	30212
7	910400100005	Washer	4	6
8	502013520006	Plastic cover	1	
9	910200200035	Screw	4	M6x16
10	910400500005	Washer	4	6
11	951000100003	YGE hose clamp	1	
12	502013510000	Drive wheel frame	1	
13	910401300007	Circlip	2	16
14	502338520037	Axle	2	Φ 16x35
15	910200200053	Screw	2	M8x12
16	910200200096	Screw	2	M12x20
17	910400500008	Washer	2	12
18	502113520004	Fixing plate	2	
19	910600800025	Key A	1	10x22
20	502113510000	Flange frame	1	
21	502113520007	Screw	3	M8X20
22	940700300001	Braking plate	1	158x58x3.5
23	910200500003	Screw	2	M2x10 for PTE15X
24	502313520004	Micro switch assembly plate	1	for PTE15X
25	910200200013	Screw	3	M4x10 for PTE15X
26	920200300006	Micro switch	1	for PTE15X
①	502198510005	Drive wheel kit	1	
②	502112001000	Braking kit	1	

Fig. 5 Drive wheel

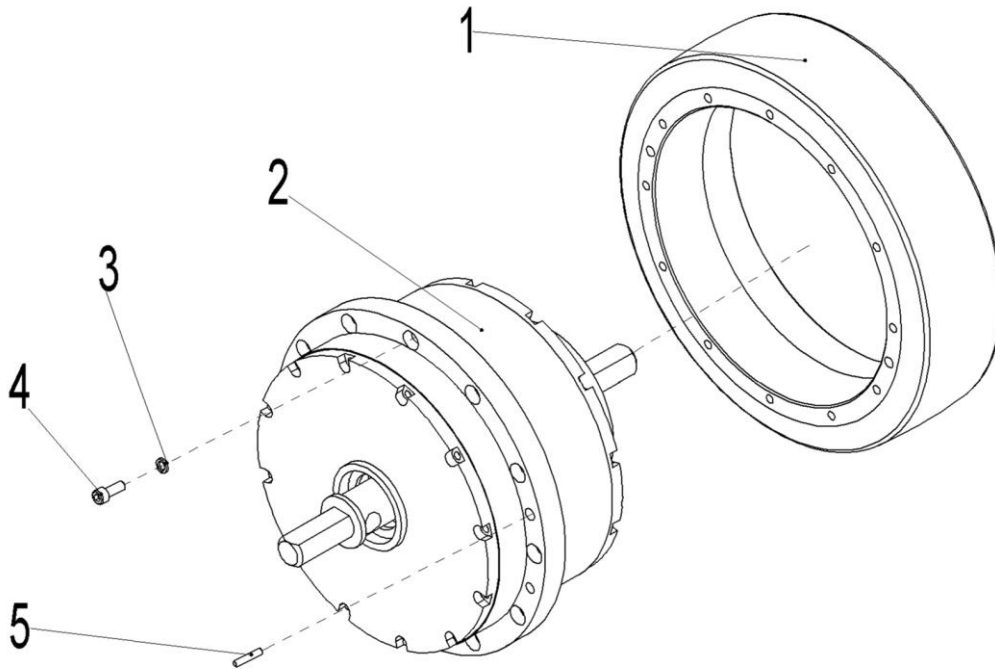


Fig. 5 Drive wheel

No.	Art No.	Description	Qty.	Note
1	940300300004	Wheel	1	
2	920900100057	Motor	1	
3	910400500005	Washer	12	6
4	910200200036	Screw	12	M6x20
5	910600100014	Pin	2	6x26

Fig.6 EPB

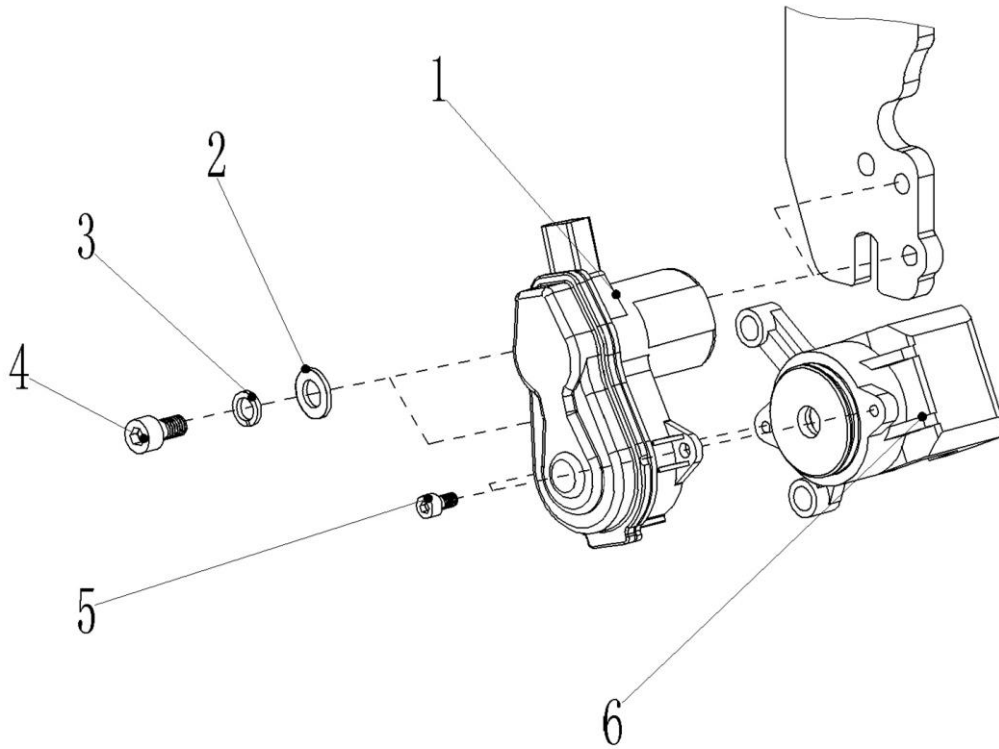


Fig.6 EPB

No.	Art No.	Description	Qty.	Note
1	502112010001	EPB	1	
2	910400100006	Washer	2	8
3	910400500006	Washer	2	8
4	910200200057	Screw	2	M8x20
5	910200200033	Screw	2	M6x12
6	502112010002	Braking block	1	

Fig.7 Hydraulic parts (SPTE15X)

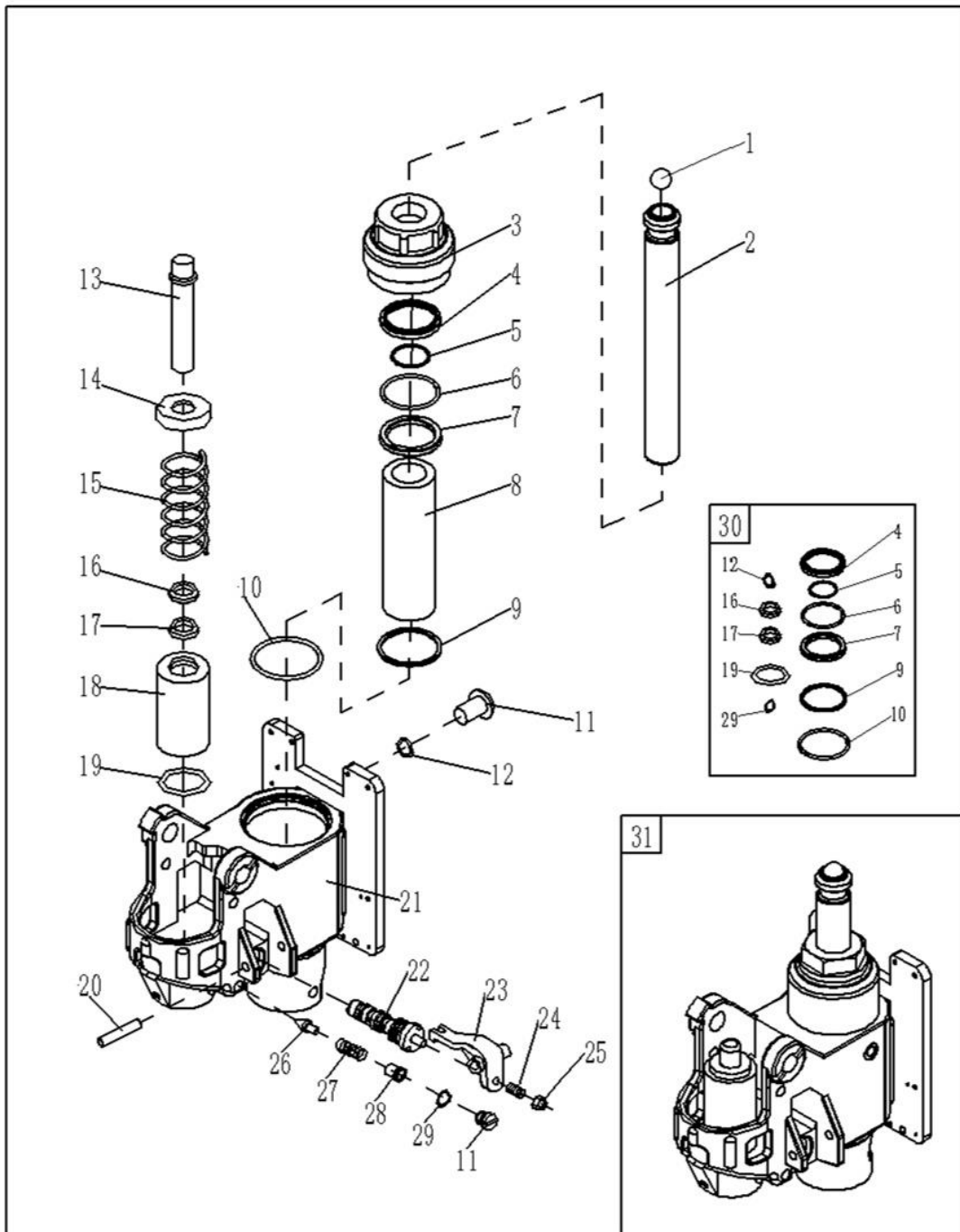


Fig.7 Hydraulic parts (SPTE15X)

No.	Art No.	Description	Qty.	Note
1	910701100019	Steel ball	1	18
2	502124020001	Piston rod	1	

3	502624020010	Cylinder cover	1	
4	910800400011	Rubber dust ring	1	30x38x6.5
5	910800100037	O ring	1	30x3.55
6	910800100036	O ring	1	45x3.55
7	910800300014	Sealing ring	1	30x40x6
8	502624020012	Inner cylinder barrel	1	
9	910800100030	O ring	1	40x3.55
10	910800100032	O ring	1	75x3.1
11	502624020011	Vent plug	2	
12	950100200002	Sealing washer	1	15x10x3
13	300523520005	Piston rod	1	Φ 18x86.5
14	302523520005	Spring cover	1	
15	502624020004	Spring	1	Φ 45xΦ 6x99
16	910800400012	Rubber dust ring	1	18x26x5
17	910800300012	Sealing ring	1	18x26x5
18	300523520004	Cylinder	1	Φ 35.5xΦ 18x60
19	300523520002	Sealing washer	1	Φ 18x2
20	910600400048	Dowel pin	1	8x50
21	502124010000	Pump body	1	
22	300523510003	Hydraulic valve assembly	1	
23	300523520001	Bar	1	
24	910200800021	Screw	1	M8x20
25	910300100006	Nut	1	M8
26	301023520016	Safety valve core	1	
27	300523520027	Spring	1	Φ 6.3xΦ 2x19.5
28	300523520026	Screw	1	
29	910800900006	Sealing washer	1	10
30	502198510006	Seal kit	1	
31	502124001000	Hydraulic assembly	1	

Fig. 8 Hydraulic parts (PTE15X)

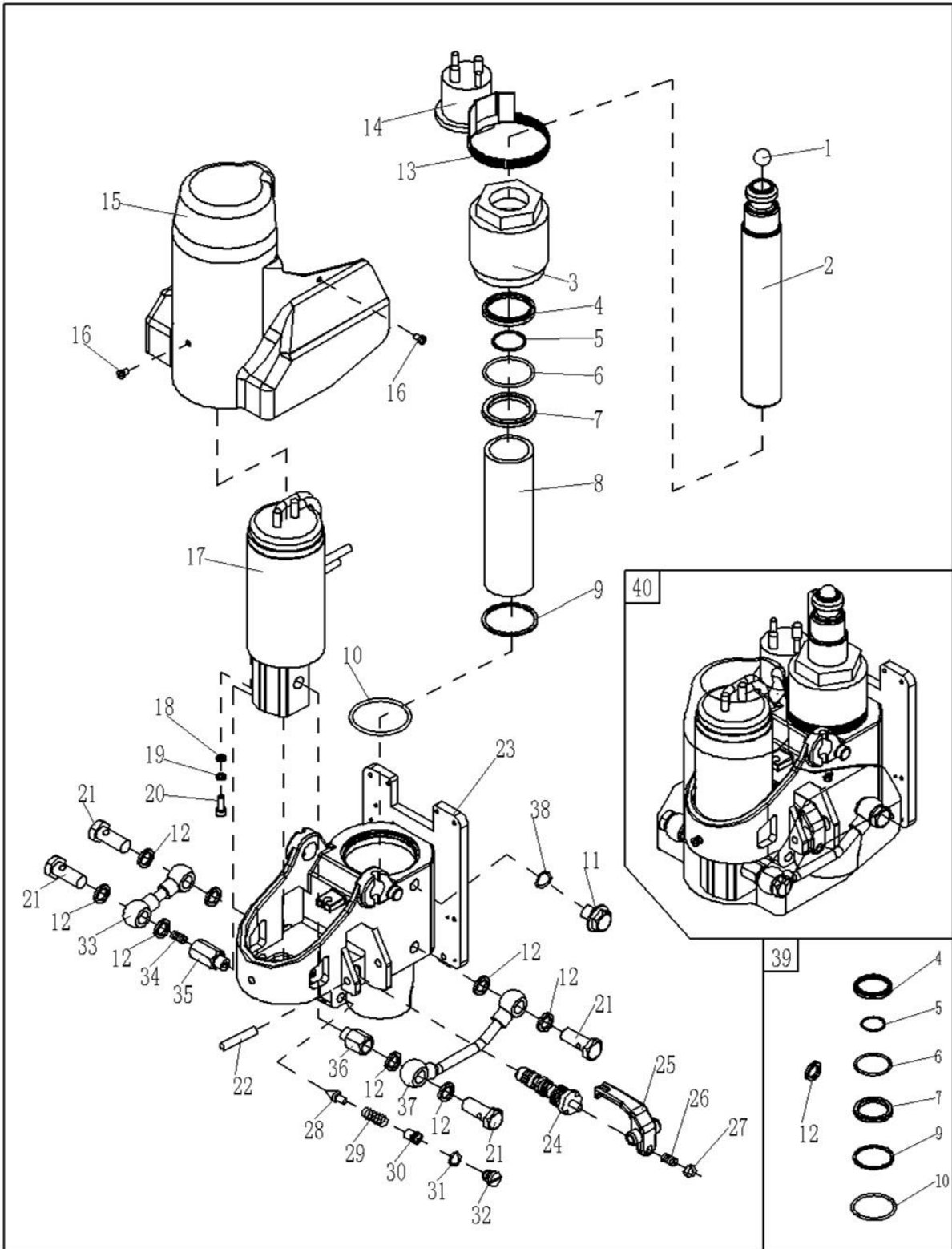


Fig.8 Hydraulic parts (PTE15X)

No.	Art No.	Description	Qty.	Note
1	910701100019	Steel ball	1	18
2	502024020002	Piston rod	1	
3	503224020003	Cylinder cover	1	
4	910800400009	Rubber dust ring	1	40x48x6.5
5	910800100030	O ring	1	40x3.55
6	910800100029	O ring	1	54.5x3.55
7	910800300002	Sealing ring	1	40x50x6
8	503224020004	Inner cylinder barrel	1	
9	910800100031	O ring	1	43.7x3.55
10	910800100032	O ring	1	75x3.1
11	951100200002	Vent plug	1	G1/4
12	910800900003	Sealing washer	9	14
13	502198510010	Hoop	1	KG01
14	920700100007	Pump station	1	
15	503224020006	Motor protective cover	1	
16	910200500037	Screw	3	M5x10
17	950900100021	Hydraulic pump	1	
18	910400100005	Washer	2	6
19	910400500005	Washer	2	6
20	910200200035	Screw	2	M6x16
21	503224020005	Bolt	4	G1/4x33
22	910600400048	Dowel pin	1	8x50
23	502124010001	Pump body	1	
24	502024010005	Hydraulic valve assembly	1	
25	502024020003	Bar	1	
26	910200800021	Screw	1	M8x20
27	910300100006	Nut	1	M8
28	301023520016	Safety valve core	1	
29	300523520027	Spring	1	Φ 6.3xΦ 2x19.5
30	300523520026	Screw	1	
31	910800900006	Seal washer	1	10
32	502624020011	Screw plug	1	M10x1

33	503224010003	Steel tube	1	
34	503224010004	Check valve	1	
35	503224020007	Joint	1	
36	503224020008	Joint(short)	1	
37	503224010002	Hydraulic tube	1	
38	951100200002	Vent plug	1	G1/4
39	502198510007	Seal kit	1	
40	502124001001	Hydraulic assembly	1	

Fig. 9 Castors

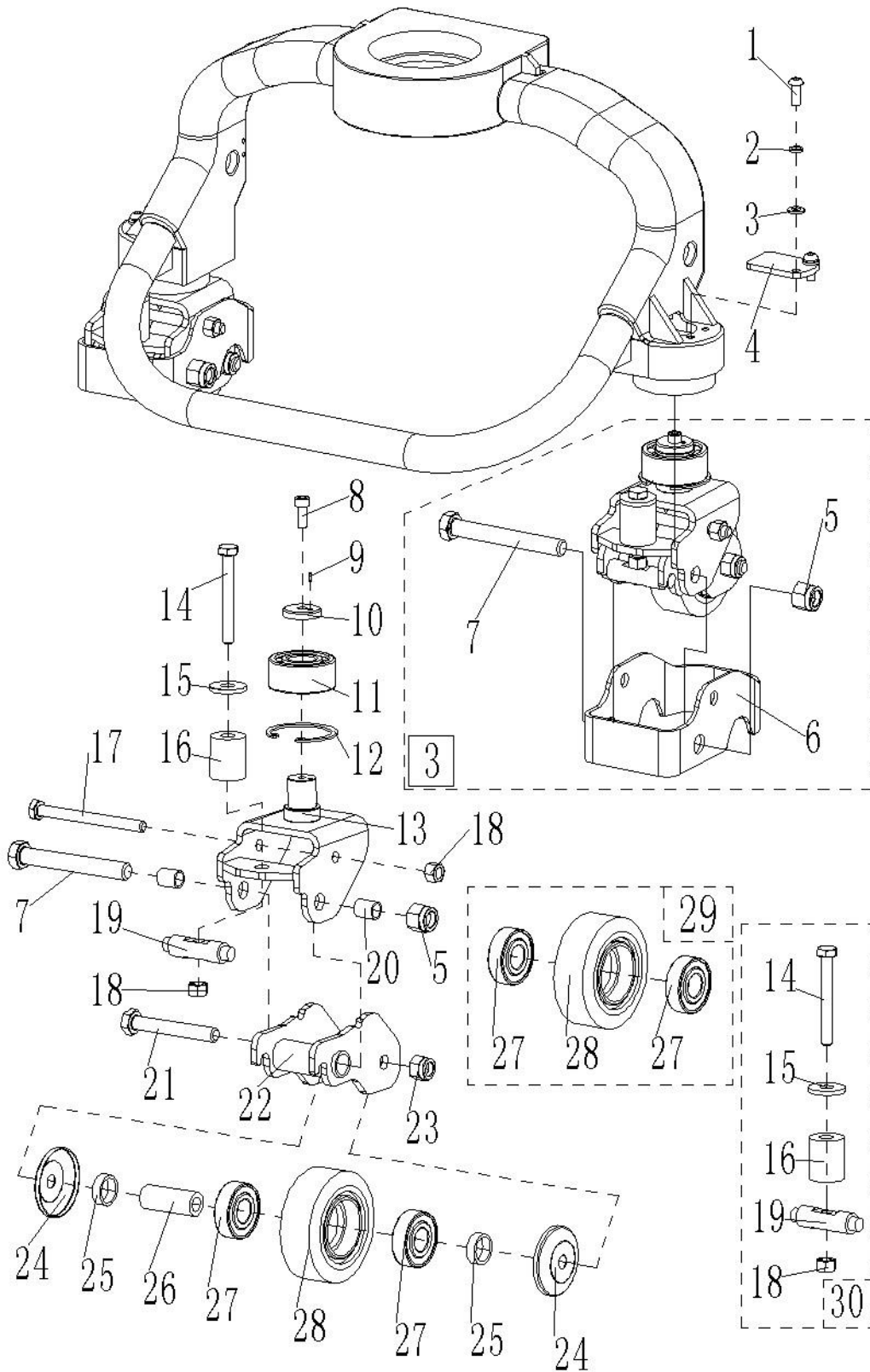


Fig.9 Castors

No.	Art No.	Description	Qty.	Note
1	910200300012	Screw	2	M5x12
2	910400500004	Washer	2	5
3	910400100004	Washer	2	5
4	502013520008	Dust board	1	
5	910300500006	Nut	1	M12
6	502016510002	Apron	1	
7	910100100056	Bolt	1	M12x90
8	910200200034	Screw	1	M6x14
9	910600100001	Pin	1	3x14
10	502016520003	Circlip	1	Φ 27xΦ 7x5
11	910700500001	Bearing	1	3204 A-2Z
12	910401400013	Circlip	1	47
13	502016510001	Wheel frame	1	
14	910100300032	Bolt	1	M8x70
15	910400200003	Washer	1	8
16	502316520012	Spring	1	
17	910100100030	Bolt	1	M8x90
18	910300500004	Nut	2	M8
19	502316520013	Spindle	1	Φ 15x56
20	940500100002	Bushing	2	Φ 12xΦ 15x15
21	910100100037	Bolt	1	M10x70
22	502316510005	Rotating arm	1	
23	910300500005	Nut	1	M10
24	502316520016	Dust cover	2	Φ 50xΦ 30x8
25	502316520015	Spacer	2	Φ 22xΦ 17.5x6.5
26	502316520014	Sleeve	1	Φ 17xΦ 10x43
27	910700200018	Bearing	2	6203
28	940300300017	Castor	1	Φ 80x30
29	502198510008	Castor assembly	1	
30	502198510009	Spring assembly	1	
□,3	502016501000	Castor assembly	1	

Fig.10 Handle bar (SPTE15X)

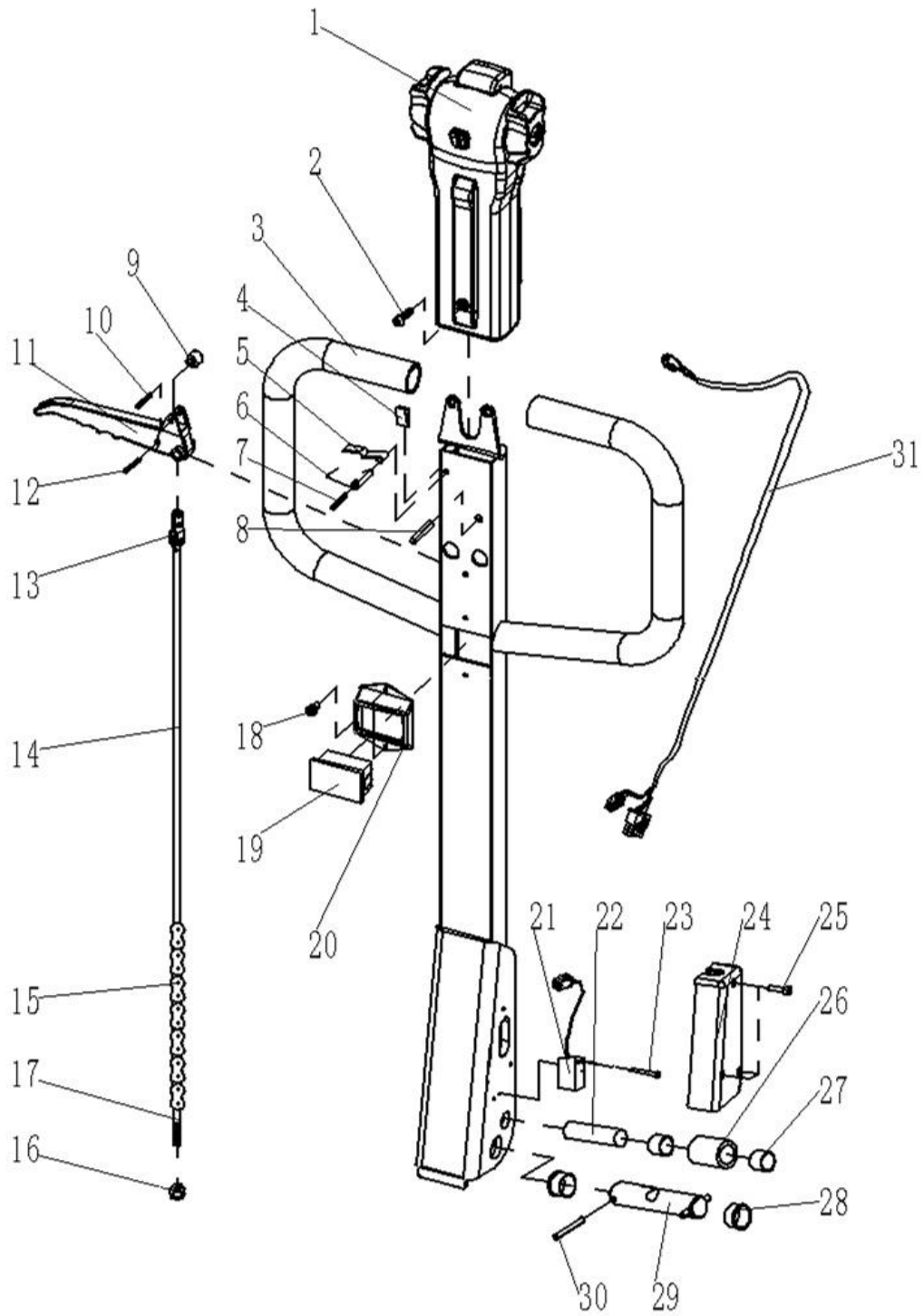


Fig.10 Handle bar (SPTE15X)

No.	Art No.	Description	Qty.	Note
1	922100100005	Handle head	1	
2	910200500036	Screw	3	M5x8
3	502111010000	Handle body	1	
4	301011020007	Rubber pad	1	
5	302511020000	Folder	1	
6	301011020005	Spring	1	
7	910600400015	Dowel pin	1	4x30
8	910600400038	Dowel pin	1	6x30
9	301011020004	Roller	1	Φ 12xΦ 4.5x10
10	910600400011	Dowel pin	1	4x20
11	301011020002	Tiller lever	1	
12	910600400009	Dowel pin	1	4x14
13	301011020001	Connecting plate	1	
14	502111020004	Bar	1	
15	301011020009	Roller chain	1	
16	910300500002	Nut	2	M5
17	301011020006	Connecting bar	1	
18	910200500009	Screw	2	M3x6
19	921100100020	Voltmeter	1	
20	502111020008	Voltmeter cover	1	
21	920200400010	Proximity switch	1	
22	300511020000	Axle	1	
23	910200500016	Screw	2	M3x25
24	503211020008	Protective cover	1	
25	910200500024	Screw	3	M4x16
26	300511020001	Roller	1	
27	940500100003	Bushing	2	Φ 15xΦ 17x15
28	940500200006	Bushing	2	Φ 20xΦ 22x15
29	302311020000	Axle	1	
30	910600400027	Dowel pin	2	5x35

Fig.11 Handle bar (PTE15X)

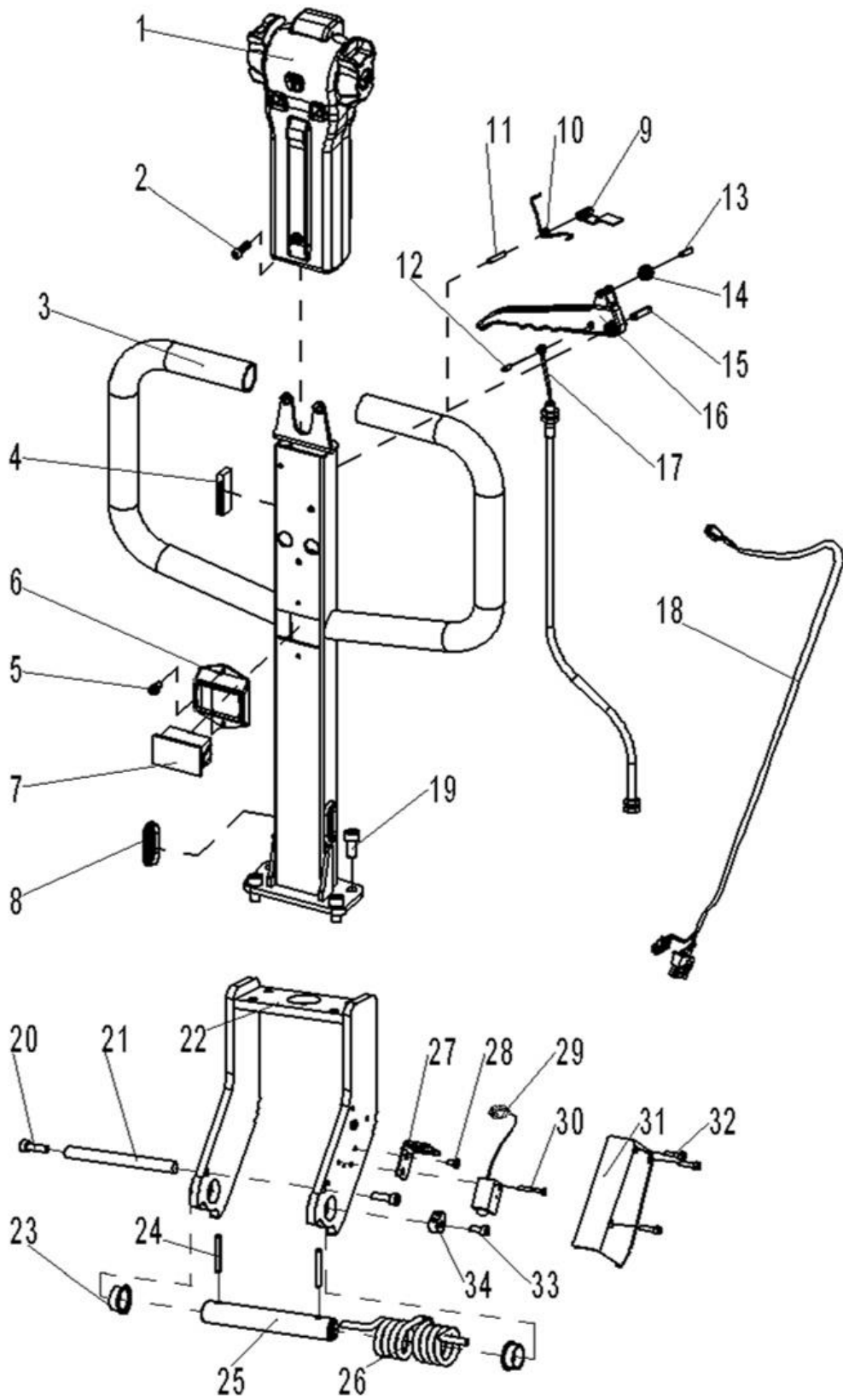


Fig.11 Handle bar (PTE15X)

No.	Art No.	Description	Qty.	Note
1	922100100006	Handle head	1	
2	910200500036	Screw	3	M5x8
3	502111010001	Handle body	1	
4	301011020007	Rubber pad	1	
5	910200500009	Screw	2	M3x6
6	502111020008	Voltameter cover	1	
7	921100100020	Voltameter	1	
8	300511020017	Sheath (circular)	1	
9	302511020000	Folder	1	
10	301011020005	Torsional spring	1	$\Phi 6.6 \times \Phi 1.6 \times 3.6$
11	910600400015	Dowel pin	1	4x30
12	910600400009	Dowel pin	1	4x14
13	910600400011	Dowel pin	1	4x20
14	301011020004	Roller	1	
15	910600400038	Dowel pin	1	6x30
16	301011020002	Tiller lever	1	
17	502111020007	Control steel wire	1	
18	502133010002	Handle electrical cable	1	
19	910200200055	Screw	4	M8x16
20	910200200036	Screw	2	M6x20
21	503211020012	Axle	1	
22	503211010001	Handle flange	1	
23	940500200004	Bushing	2	$\Phi 20 \times \Phi 22 \times 10$
24	910600400027	Dowel pin	2	5x35
25	503211020007	Axle	1	
26	503211020010	Torsional spring	1	
27	503211020009	Plug fixing plate	1	
28	910200500034	Screw	2	M4x8
29	920200400010	Proximity switch	1	
30	910200500016	Screw	2	M3x25

31	503211020008	Plastic cover	1	
32	910200500024	Screw	3	M4x16
33	910200200022	Screw	1	M5x12
34	503211020011	Proximity switch indication block	1	

Fig. 12 Truck parts

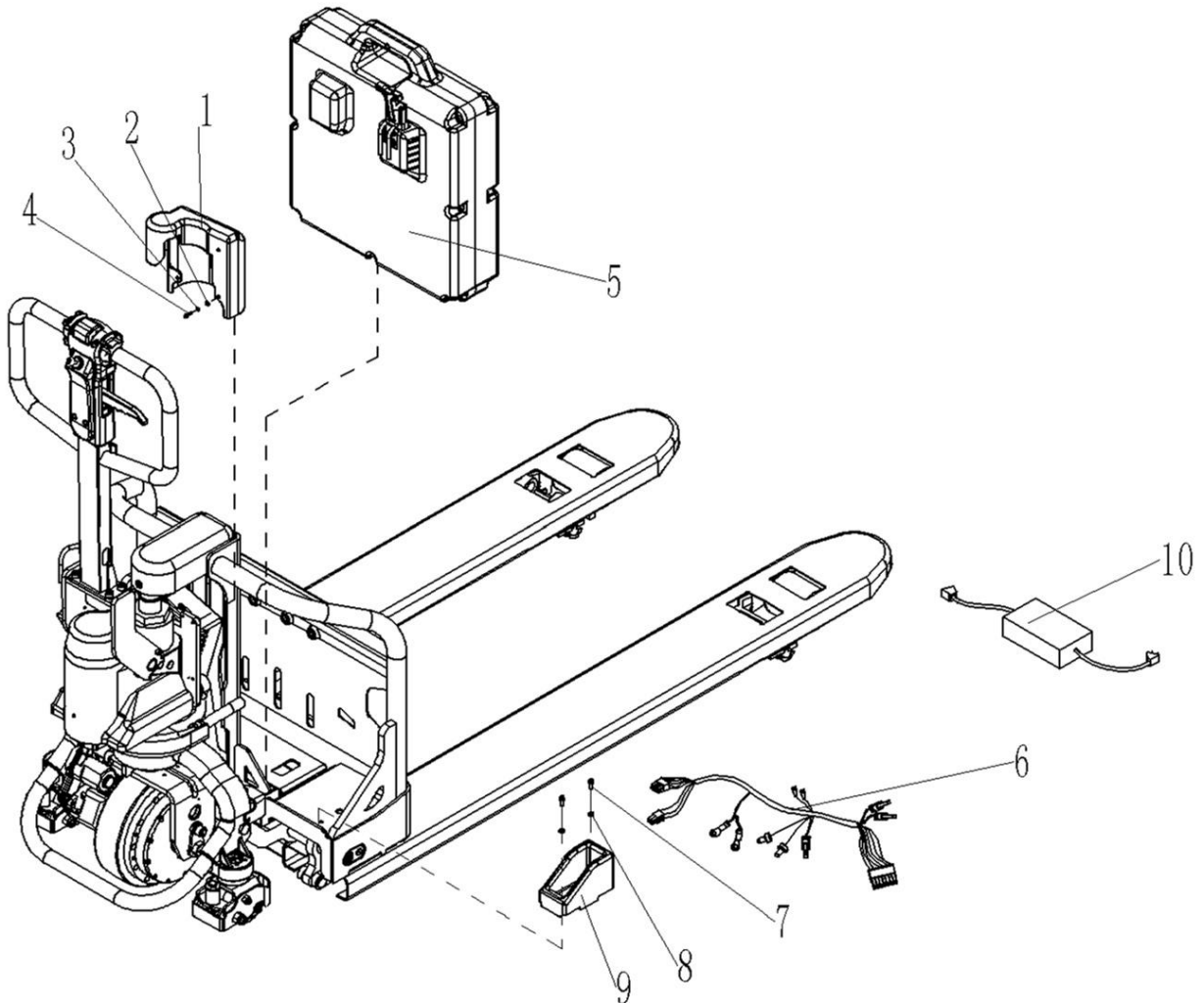


Fig. 12 Truck parts

No.	Art No.	Description	Qty.	Note
1	502024020000	Plastic cover	1	
2	910400100004	Washer	3	5
3	910400500004	Washer	3	5
4	910200200022	Screw	3	M5x12
5	502137001000	Power supply assembly	1	
6	502133010000	Electrical control cable	1	(PTE with EPB)
	502133010004	Electrical control cable	1	(PTE without EPB)
	502133010001	Electrical control cable	1	(SPTe with EPB)
	502133010005	Electrical control cable	1	(SPTe without EPB)
7	910200200035	Screw	4	M6x16 / For 685
8	910400500005	Washer	4	6 / For 685
9	502038520024	Container	2	For 685
10	502136510000	Charger	1	24V3A /Asia
	502136510001	Charger	1	24V3A /England
	502136510002	Charger	1	24V3A /America
	502136510003	Charger	1	24V3A /Europe
	502136510004	Charger	1	24V3A /Australia
	502136510005	Charger	1	24V3A /Italy
	502136510006	Charger	1	24V3A /Sweden

Fig.13 Power supply assembly

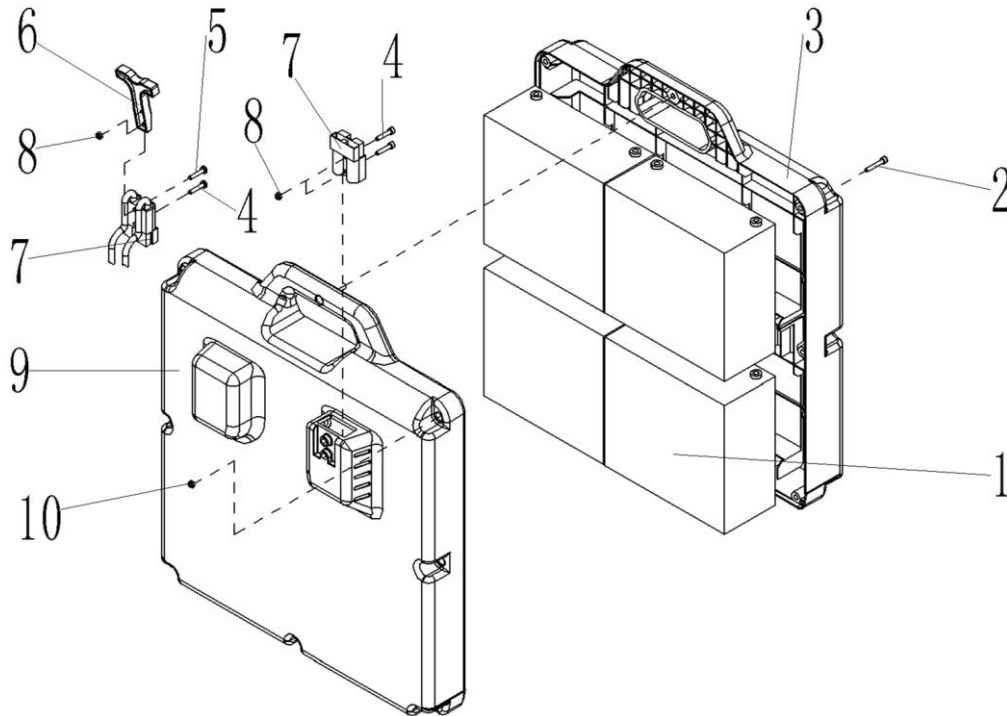


Fig.13 Power supply assembly

No.	Art No.	Description	Qty.	Note
1	920600100024	Battery	4	12V20Ah
2	910200200023	Screw	8	M5x16
3	502137020001	Battery cover (front)	1	
4	910200500027	Screw	3	M4x25
5	910200500028	Screw	1	M4x30
6	920400100010	Plug	1	
7	920400100003	Plug	1	
8	910300100003	Nut	2	M4
9	502137020000	Battery cover (rear)	1	
10	910300100004	Nut	8	M5

Fig.14 Electronic control assembly

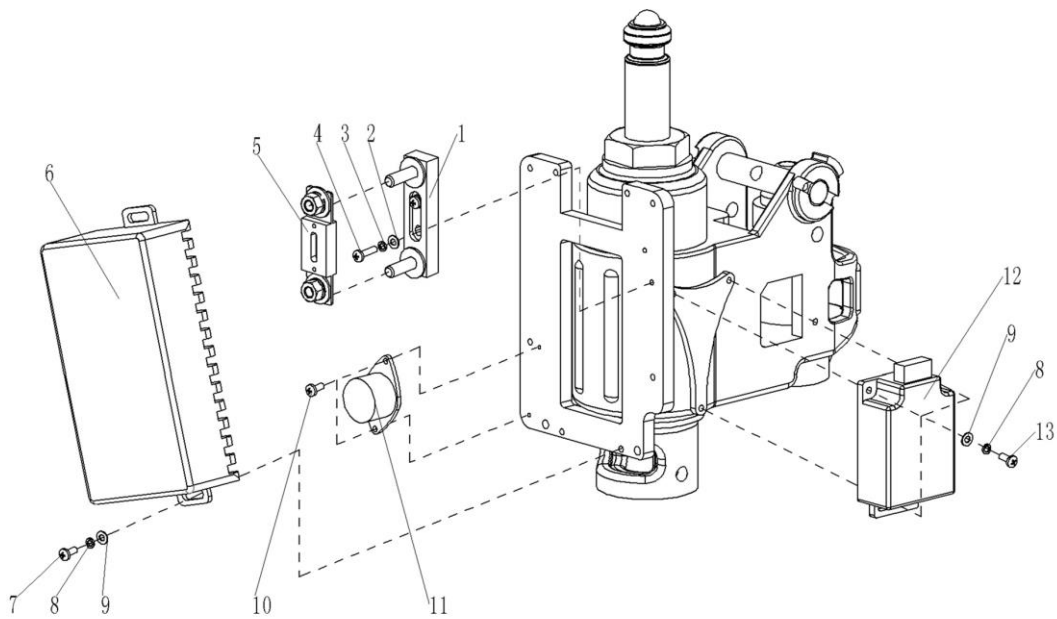


Fig.14 Electronic control assembly

No.	Art No.	Description	Qty.	Note
1	920100400002	Fuse base	1	
2	910400100003	Washer	2	4
3	910400500003	Washer	2	4
4	910200500024	Screw	2	M4x16
5	920100100003	Fuse	1	
6	921400100051	Controller	1	
7	910200200022	Screw	2	M5x12
8	910400500004	Washer	5	5
9	910400100004	Washer	5	5
10	910200500010	Screw	2	M3x8
11	920500100004	Buzzer	1	
12	921200100008	EPB module	1	
13	910200500037	Screw	3	M5x10

Fig. 15 Charger assembly (standard)

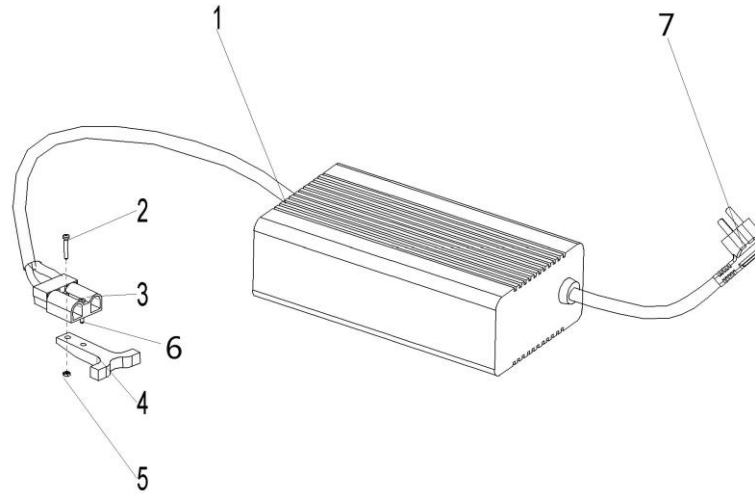


Fig. 15 Charger assembly (standard)

No.	Art No.	Description	Qty.	Note
1	921000200127	Charger	1	
2	910200500027	Screw	1	M4x25
3	920400100003	Plug	1	
4	920400100010	Handle	1	
5	910300500001	Lock nut	2	M4
6	910200500028	Screw	1	M4x30
7	921500200021	Plug	1	Asia
	921500200027	Plug	1	England
	921500200023	Plug	1	America
	921500200022	Plug	1	Europe
	921500200024	Plug	1	Australia
	921500200025	Plug	1	Italy
	921500200026	Plug	1	Sweden

Fig.16 Main cables (SPTE15X)

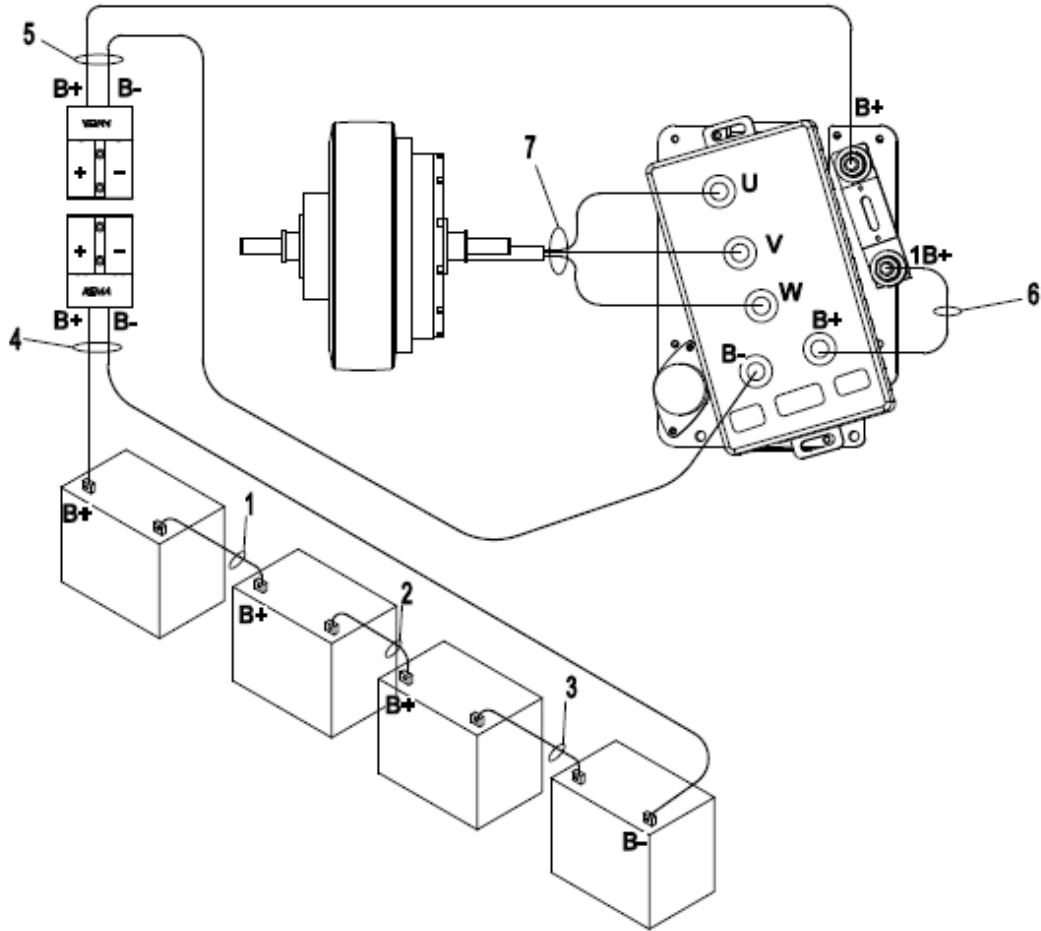


Fig.16 Main cables (SPTE15X)

No.	Art No.	Description	Qty.	Note
1	502133010008	Cable	1	
2	502133010007	Cable	1	
3	502133010009	Cable	1	
4	502133010010	Battery cable	1	
5	502133010012	Main battery cable	1	
6	502133010011	Cable	1	
7	502113510005	Drive motor	1	

Fig.17 Main cables (PTE15X)

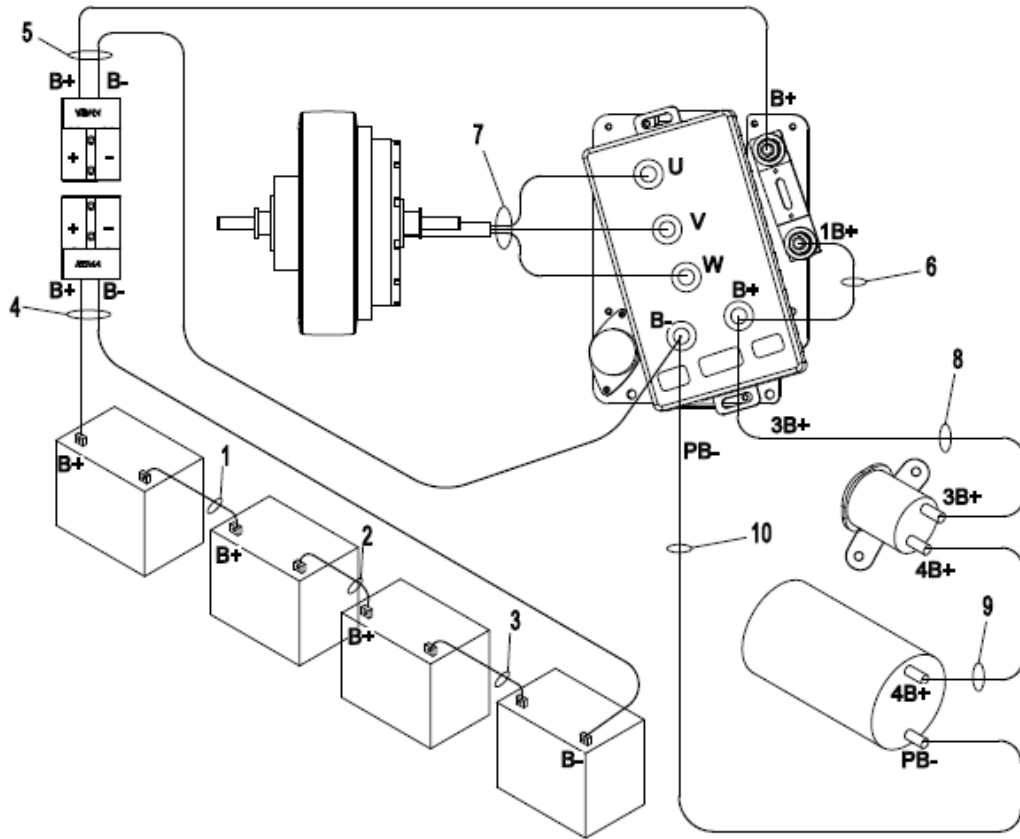


Fig.17 Main cables (PTE15X)

No.	Art No.	Description	Qty.	Note
1	502133010008	Cable	1	
2	502133010007	Cable	1	
3	502133010009	Cable	1	
4	502133010010	Battery cable	1	
5	502133010012	Main battery cable	1	
6	502133010011	Cable	1	
7	502113510005	Drive motor	1	
8	502133010014	Cable	1	
9	502133010015	Cable	1	
10	502133010016	Cable	1	

Fig.18 Sticker for EU

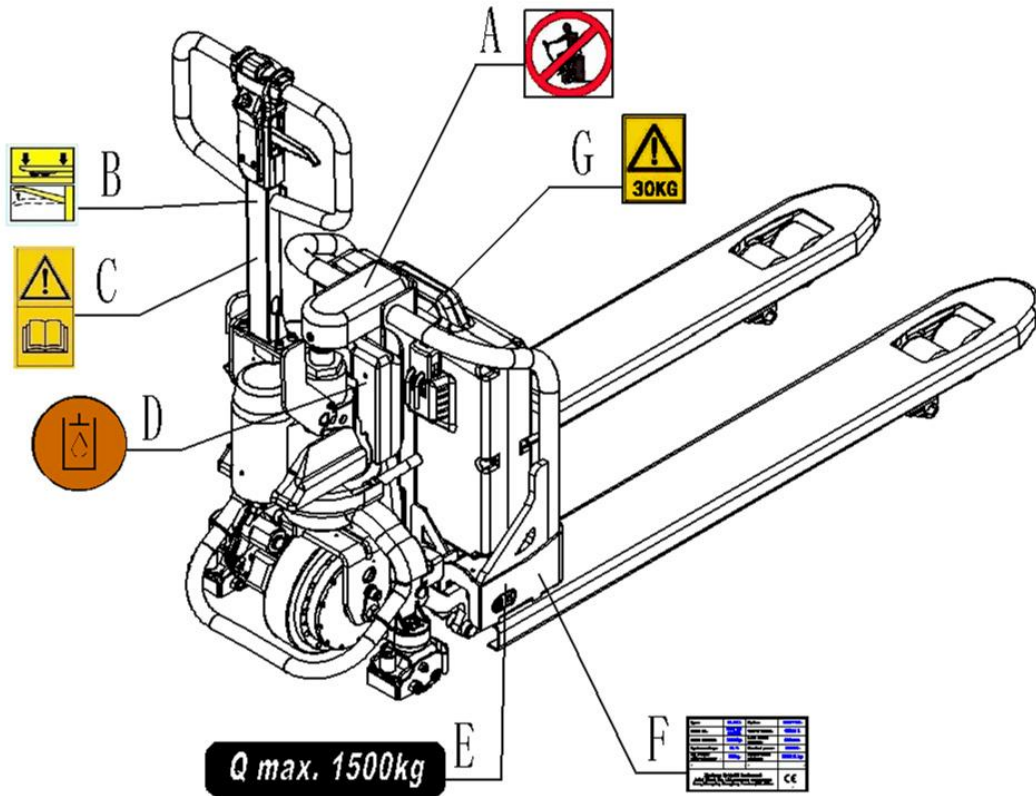


Fig.18 Sticker for EU

No.	Art No.	Description	Qty.	Note
A	941200100003	'No passengers' sticker	1	
B	941200400001	Tiller operation sticker	1	
C	941200300002	Sign read and follow this instruction sticker	1	
D	941200300003	Cylinder sticker	1	
E	941200200020	Sign capacity sticker (1500kg)	1	
F	502147520000	ID plate	1	For SPTE15X
	502147520001	ID plate	1	For PTE15X
G	941200200045	Weight sticker (Battery)	1	

Fig. 19 Sticker for US

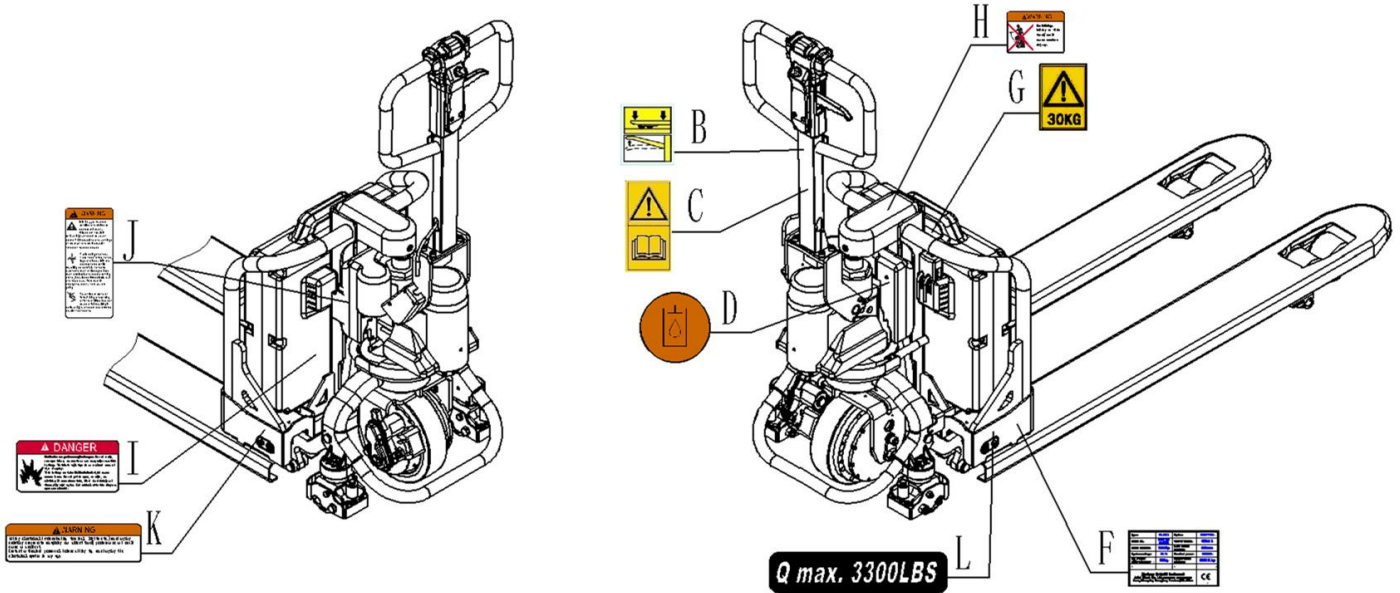


Fig. 19 Sticker for US

No.	Art No.	Description	Qty.	Note
B	941200400001	Tiller operation sticker	1	
C	941200300002	Sign read and follow this instruction sticker	1	
D	941200300003	Cylinder sticker	1	
L	941200200035	Sign capacity sticker (3300LBS)	1	
F	502147520000	ID plate	1	For SPTE15X
	502147520001	ID plate	1	For PTE15X
G	941200200045	Weight sticker (Battery)	1	
H	941200100011	Warning sticker	1	
I	941200100013	Warning sticker	1	
J	941200100009	Warning sticker	1	
K	941200100010	Warning sticker	1	

Easy worn parts list

No.	Part number	Name	Qty.	Fig./Position	Note
1	940500200009	Bushing	4	Fig.1/16	Φ 20xΦ 23x21.5
2	940500100006	Bushing	8	Fig.1/22	Φ 16xΦ 18x15
3	502198510000	Push rod kit	2	Fig.1/23	
4	940500200009	Bushing	4	Fig.2/16	Φ 20xΦ 23x21.5
5	940500100006	Bushing	8	Fig.2/22	Φ 16xΦ 18x15
6	502198510001	Push rod kit	2	Fig.2/23	
7	940500100012	Bushing	4	Fig.3/7	Φ 20xΦ 22x12
8	910700200019	Bearing	8/4(D/S)	Fig.3/11	6204
9	940300300005	Castor	4(D)	Fig.3/12	Φ 80x70
10	940300300023	Castor	2(S)	Fig.3/17	Φ 80x93
11	940500200003	Bushing	4 (D)	Fig.3/18	Φ 18xΦ 20x12
12	502198510002	Wheel set kit	4	Fig.3/19	
13	502198510003	Wheel set kit	2	Fig.3/20	
14	910700600034	Bearing	1	Fig.4/5	32911
15	910700600006	Bearing	1	Fig.4/6	30212
16	940300300004	Wheel	1	Fig.5/1	
17	910800400011	Rubber dust ring	1	Fig.7/4	30x38x6.5
18	910800100037	O ring	1	Fig.7/5	30x3.55
19	910800100036	O ring	1	Fig.7/6	45x3.55
20	910800300014	Sealing ring	1	Fig.7/7	30x40x6
21	910800100030	O ring	1	Fig.7/9	40x3.55
22	910800100032	O ring	1	Fig.7/10	75x3.1
23	910800400012	Rubber dust ring	1	Fig.7/16	18x26x5
24	910800300012	Sealing ring	1	Fig.7/17	18x26x5
25	910800400009	Rubber dust ring	1	Fig.8/4	40x48x6.5

26	910800100030	O ring	1	Fig.8/5	40x3.55
27	910800100029	O ring	1	Fig.8/6	54.5x3.55
28	910800300002	Sealing ring	1	Fig.8/7	40x50x6
29	910800100031	O ring	1	Fig.8/9	43.7x3.55
30	910800100032	O ring	1	Fig.8/10	75x3.1
31	910800900003	Sealing washer	9	Fig.8/12	14
32	910700500001	Bearing	1	Fig.9/11	3204A
33	940500100002	Bushing	2	Fig.9/20	Φ 12x Φ 15x15
34	910700200018	Bearing	2	Fig.9/27	6203
35	940300300017	Castor	1	Fig.9/28	
36	502198510008	Castor assembly	1	Fig.9/29	
37	940500100003	Bushing	2	Fig.10/27	Φ 15x Φ 17x15
38	940500200006	Bushing	2	Fig.10/28	Φ 20x Φ 22x15
39	940500200004	Bushing	2	Fig.11/23	Φ 20x Φ 22x10
40	920100100003	Fuse	1	Fig.14/5	60A