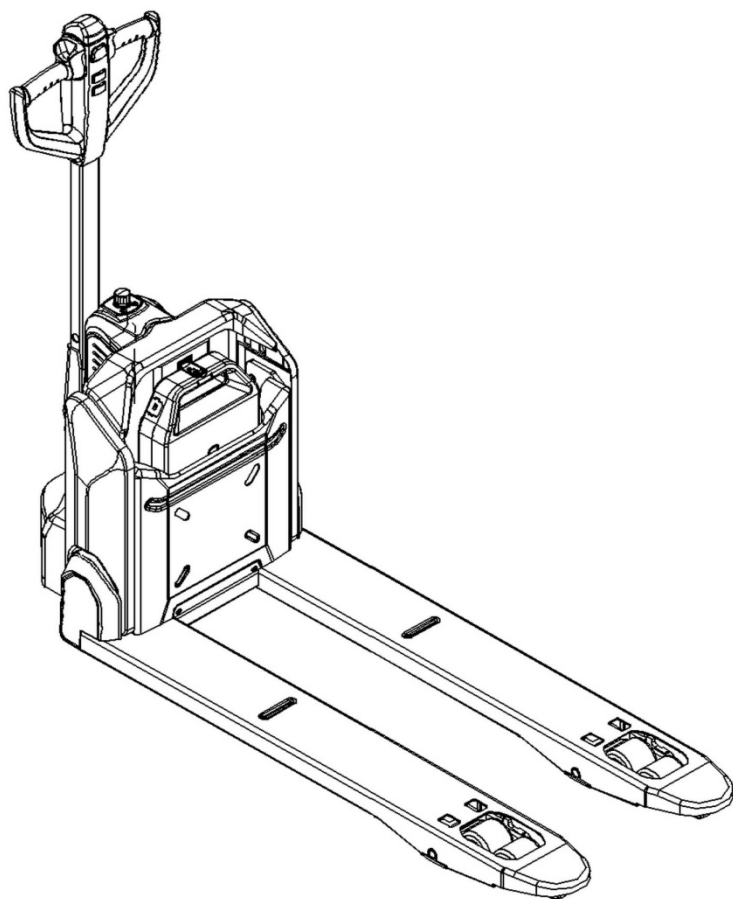


## SPARE PARTS LIST

### Logitrans Mover LM1500



Version 05/2019

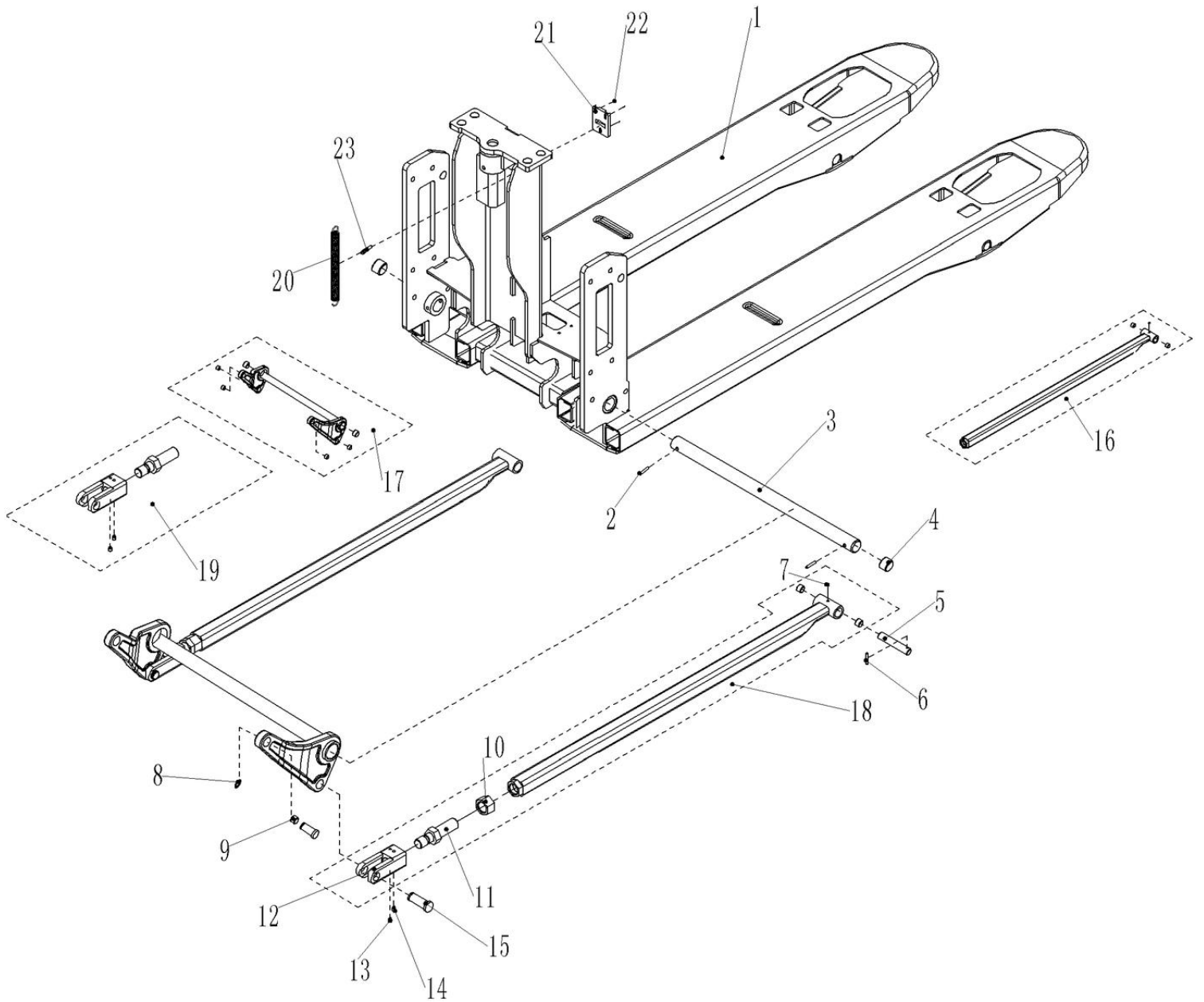
LM1500



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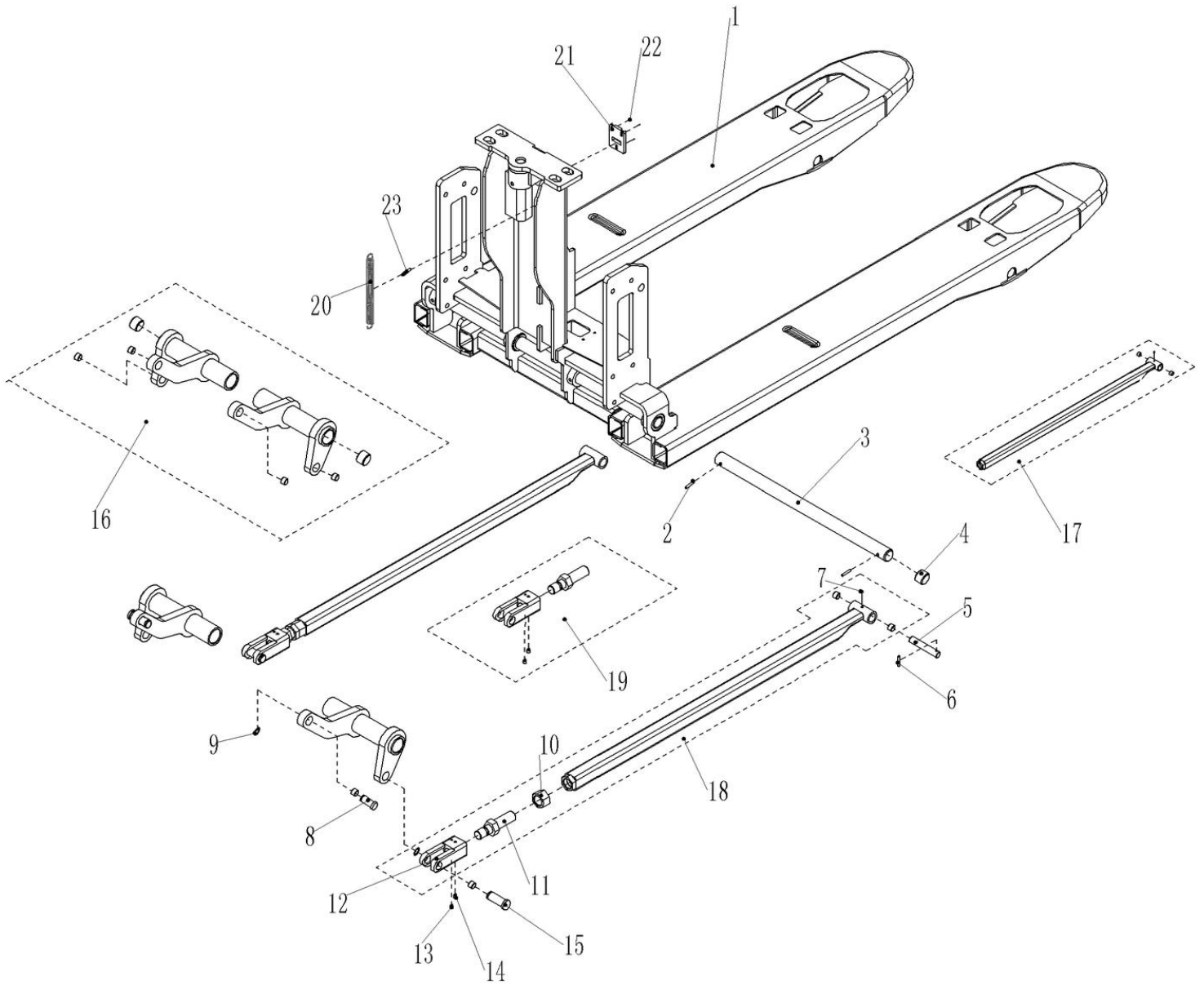
Fig. 1 Chassis (540x1150)



**Fig. 1 Chassis (540x1150)**

No.	Art No.	Description	Qty.	Note
1		Chassis welding (540x1150)	1	
2		Elastic cylindrical pin GB879.1-6x40	2	
3		Axle $\Phi$ 24.6x462	1	
4		Bushing $\Phi$ 24.6x $\Phi$ 29x25- SF-1(with grease hole)	2	
5	502338520030	Push rod axle $\Phi$ 16x82	2	
6		Elastic cylindrical pin GB879.1-5x28	2	
7		Grease nipple JB7940.4-6	2	
8		Circlip GB894.1-16	4	
9		Bushing $\Phi$ 16x $\Phi$ 18x15-SF- 1(with grease hole)	8	
10		Nut GB6173-M20x1.5-05	2	
11		Adjusting bolt	2	
12		Push rod fork	2	
13		Screw GB79-M6x8-45H	2	
14		Elastic cylindrical pin 4x30	2	
15	508038520041	Pin $\Phi$ 16x44	4	
16		Push rod components	2	1150
17		Rock arm components (540)	1	
18	508098510002	Push rod kits (1150)	2	1150
19		Push rod fork components	2	
20	380621520042	Spring $\Phi$ 10.4x $\Phi$ 1.6x160	1	
21		Lock catch	1	
22		Screw GB818-M4x8-4.8	3	
23		Bolt GB798-M6x20-5.6	2	

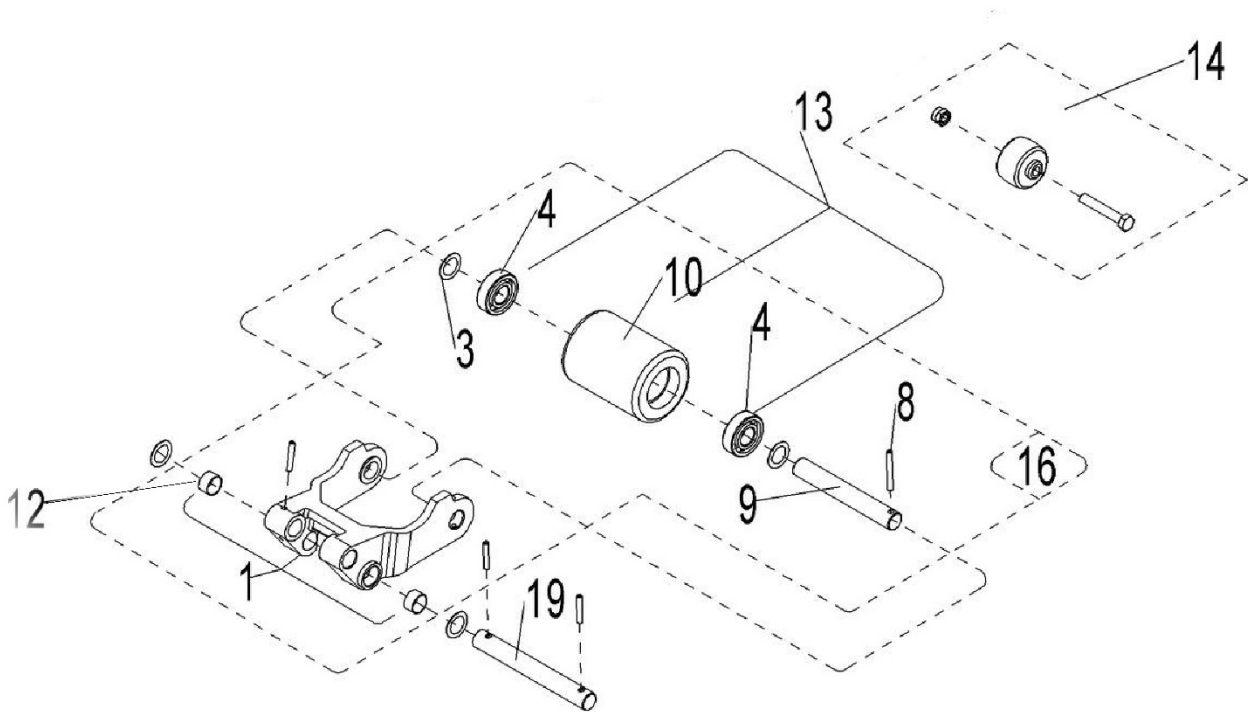
**Fig. 2 Chassis (685x1220)**



**Fig. 2 Chassis (685x1220)**

No.	Art No.	Description	Qty.	Note
1		Chassis welding (685x1220)	1	
2		Elastic cylindrical pin GB879.1-6x40	2	
3		Axle $\Phi$ 25x609	1	
4		Bushing $\Phi$ 24.6x $\Phi$ 29x25-SF-1(with grease hole)	4	
5	502338520030	Push rod axle $\Phi$ 16x82	2	
6		Elastic cylindrical pin GB879.1-5x28	2	
7		Grease nipple JB7940.4-6	2	
8		Bushing $\Phi$ 16x $\Phi$ 18x15-SF-1(with grease hole)	8	
9		Circlip GB894.1-16	4	
10		Nut GB6173-M20x1.5-05	2	
11		Adjusting bolt	2	
12		Push rod fork	2	
13		Screw GB79-M6x8-45H	2	
14		Elastic cylindrical pin 4x30	2	
15	508038520041	Pin $\Phi$ 16x44	4	
16		Rock arm components (685)	1	
17		Push rod components (1220)	2	1220
18	508098510044	Push rod kits (1220)	2	1220
19		Push rod fork components	2	
20	380621520042	Spring $\Phi$ 10.4x $\Phi$ 1.6x160	1	
21		Lock catch	1	
22		Screw GB818-M4x8-4.8	3	
23		Bolt GB798-M6x20-5.6	2	

**Fig. 3 Load roller components**

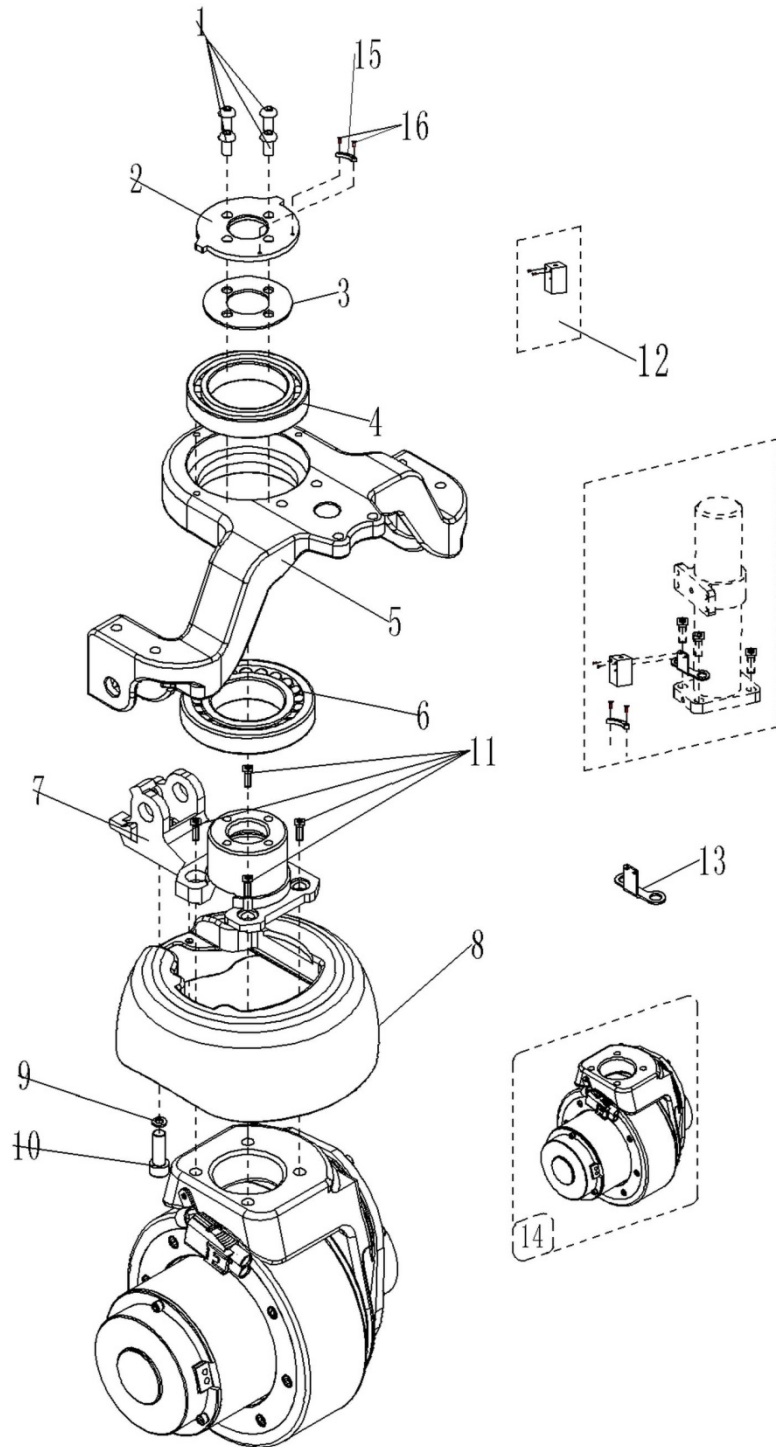




**Fig. 3 Load Roller Components**

No.	Art No.	Description	Qty.	Note
1		Arm block assembly(Single wheel)	2	
3		Washer $\Phi 25 \times \Phi 20.5 \times 1$	4 (Single)	
4		Bearing GB276-6204-2RS	4 (Single)	
8		Elastic cylindrical pin GB879.1-5x35	8	
9		Wheel axle $\Phi 20 \times 122$	2 (Single)	
10		Roller $\Phi 80 \times 93$ (Steel core PU)	2 (Single)	
12		Bushing $\Phi 20 \times \Phi 22 \times 12$ -SF-1(with grease hole)	4	
13	502398510014	Wheel set accessories(single)	2	
14	502398510003	Roller kit	2	
16	508098510050	Wheel accessories(single)	2	
19	508038520030	axle $\Phi 20 \times 158$	2	

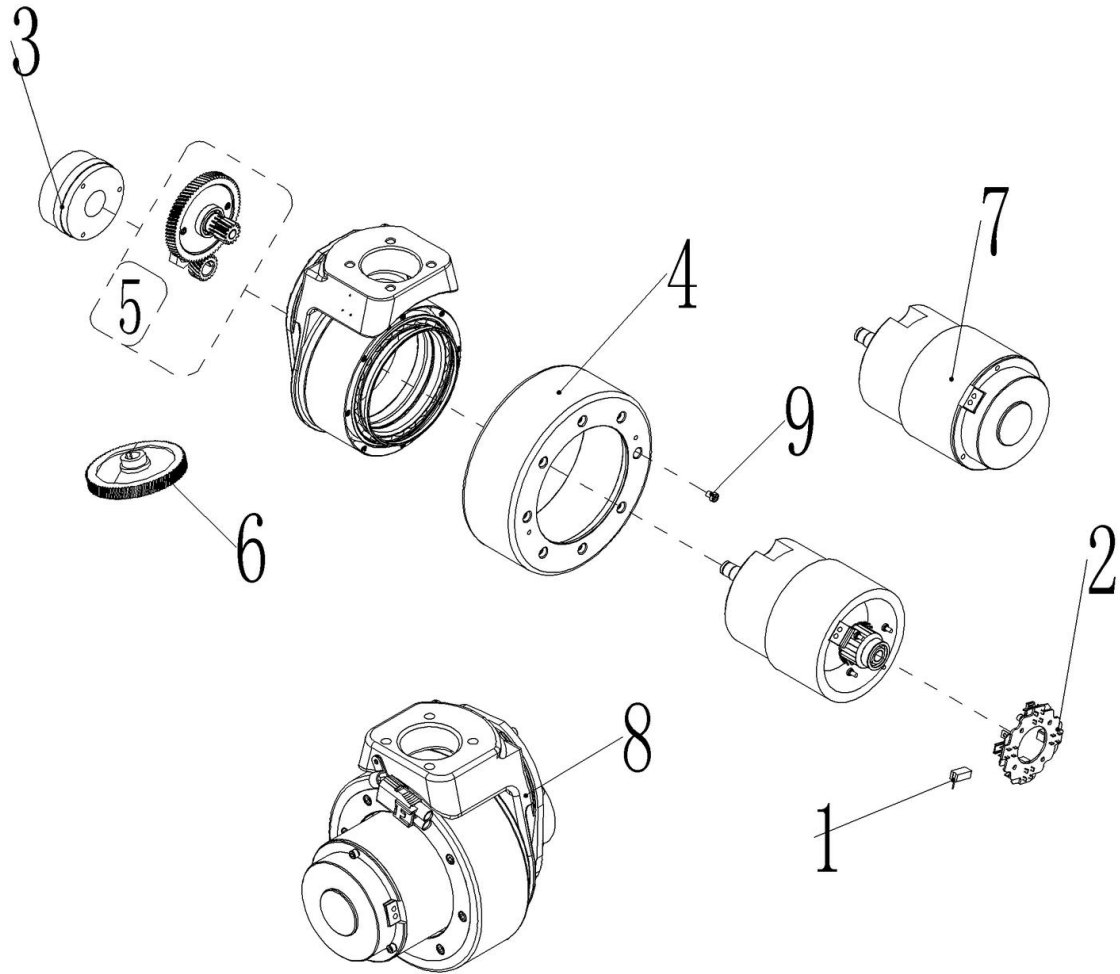
Fig. 4 Driving unit



**Fig. 4 Driving Unit**

No.	Art No.	Description	Qty.	Note
1		Screw GB70.2-M8x16-8.8	4	
2		Bearing cap	1	
3		Washer	1	
4		Bearing GB276-6013-2RS	1	
5		Driving wheel seat	1	
6		Bearing GB297-32913	1	
7		Linking flange	1	
8		Round cover	1	
9		Washer GB97.1-6-200HV	2	
10		Screw GB70.1-M6x10-8.8	2	
11		Screw GB70.1-M10x25-8.8	4	
12		Proximity switch components	1	With speed reduction on curve
13		Frame	1	With speed reduction on curve
14		Driving components	1	
15		Induction block	1	
16		Screw GB820-M4x10-4.8	2	

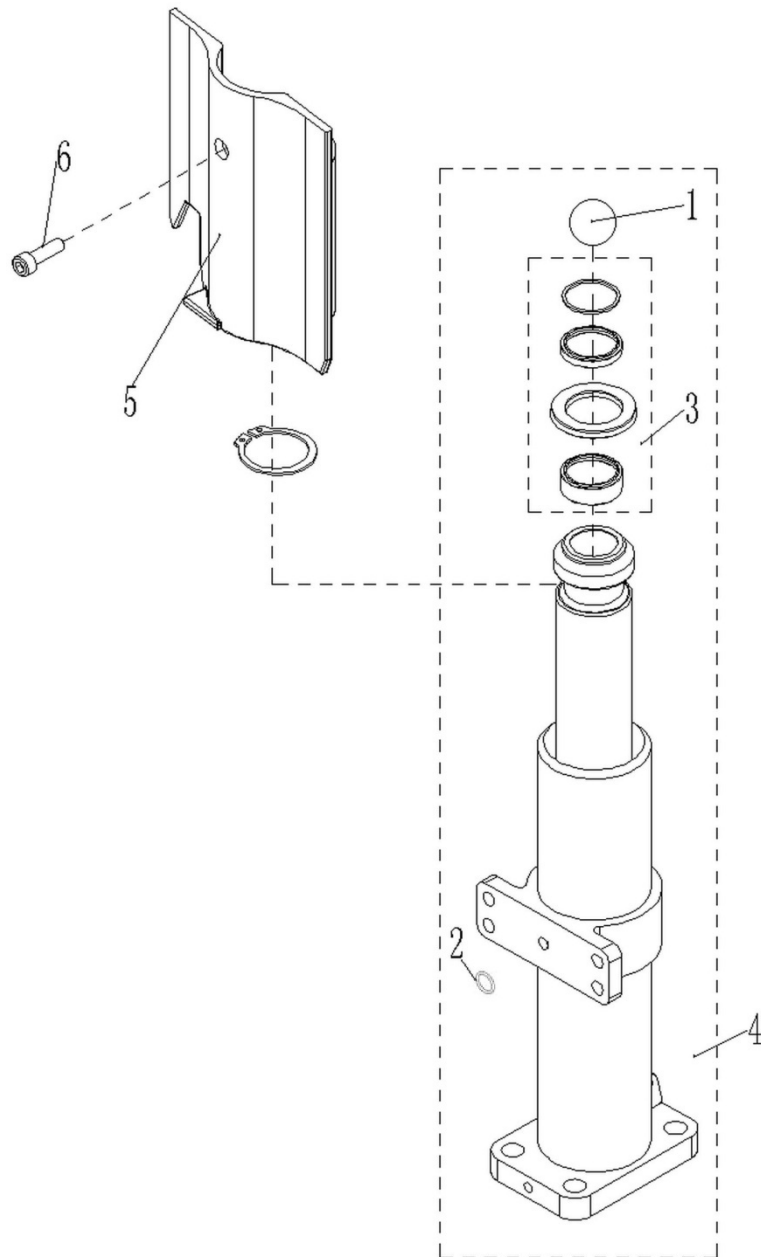
**Fig. 5 Driving wheel components**



**Fig. 5 Driving Wheel Components**

No.	Art No.	Description	Qty.	Note
1	508098520000	Carbon brush	4	
2	508098520001	Carbon brush frame	1	
3	508098520002	Brake	1	
4	508098520003	Wheel	1	
5		Gearbox components	1	
6		Big gear ring	1	
7	508098510016	Motor components	1	
8		Driving components	1	
9	912620	Screw pad assembly M6	8	

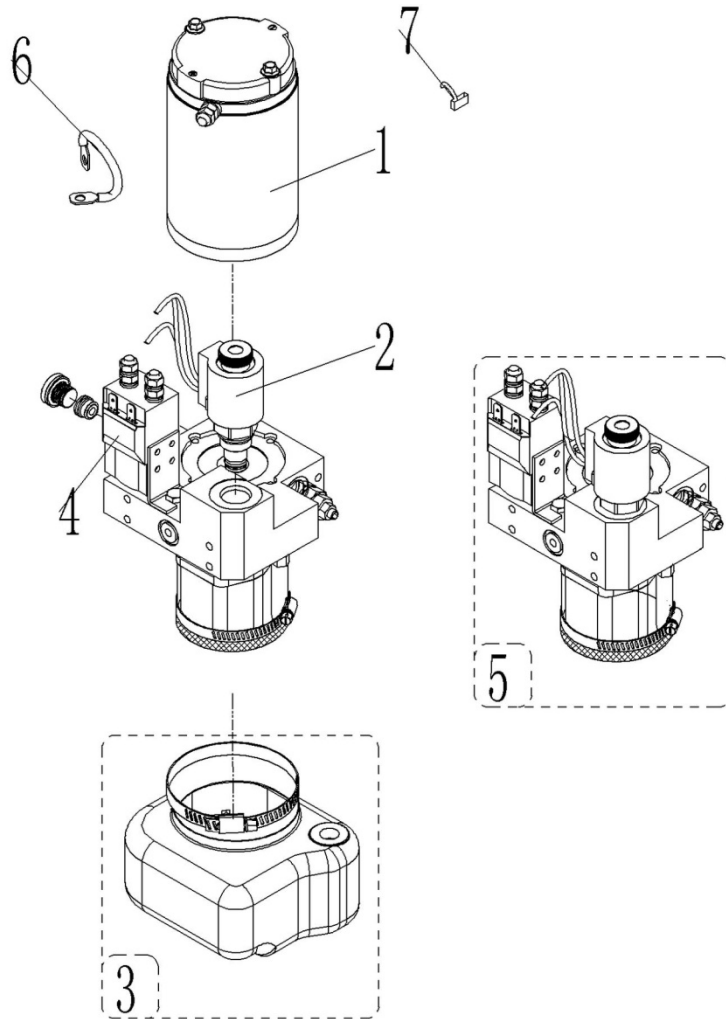
**Fig. 6 Cylinder**



**Fig. 6 Cylinder**

No.	Art No.	Description	Qty.	Note
1	910701100019	Steel ball GB308-18	1	
2	910800100098	O ring	1	13.5x1.8
3	508098510018	Sealing components	1	
4	508098510019	Cylinder components	1	
5		Cover for cylinder	1	
6		Screw GB70.1-M6x12-8.8	1	

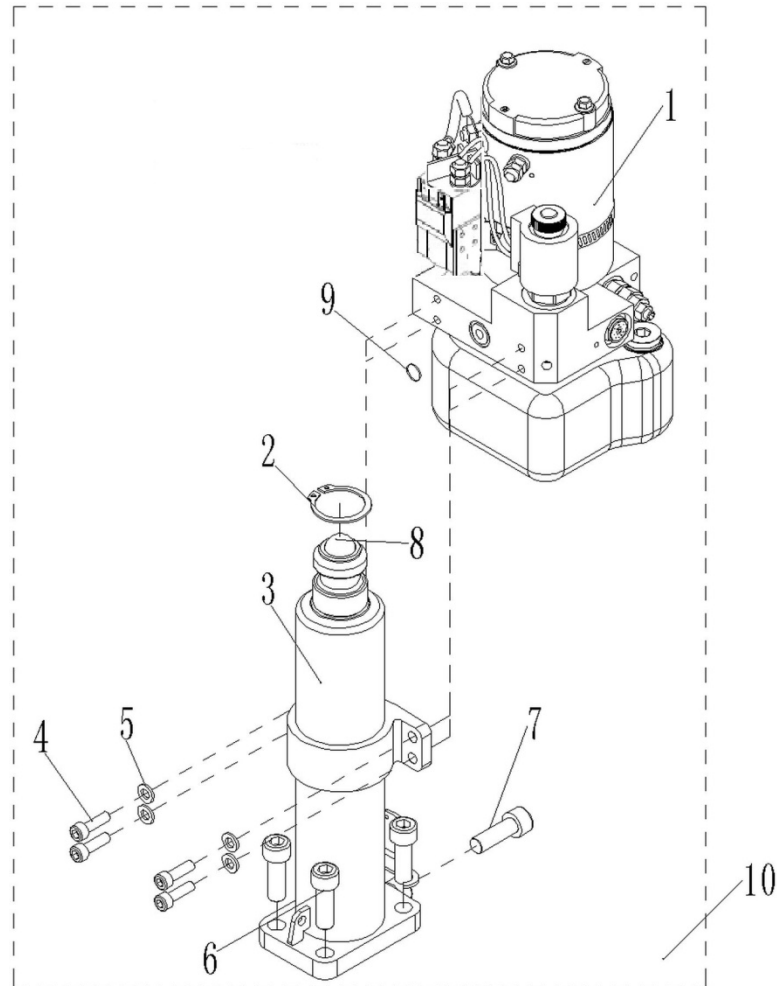
**Fig. 7 Power unit**



**Fig. 7 Power Unit**

No.	Art No.	Description	Qty.	Note
1	508098510020	DC Motor	1	MD24050
2	508098510034	Electromagnetic valve components	1	
3	508098510023	Oil tank components	1	
4	508098510021	Contactur	1	ZJWP80DE
5		Gear pump components	1	
6		Soft connection cable	1	RSWC-04
7	508098520008	Electric brush	1	

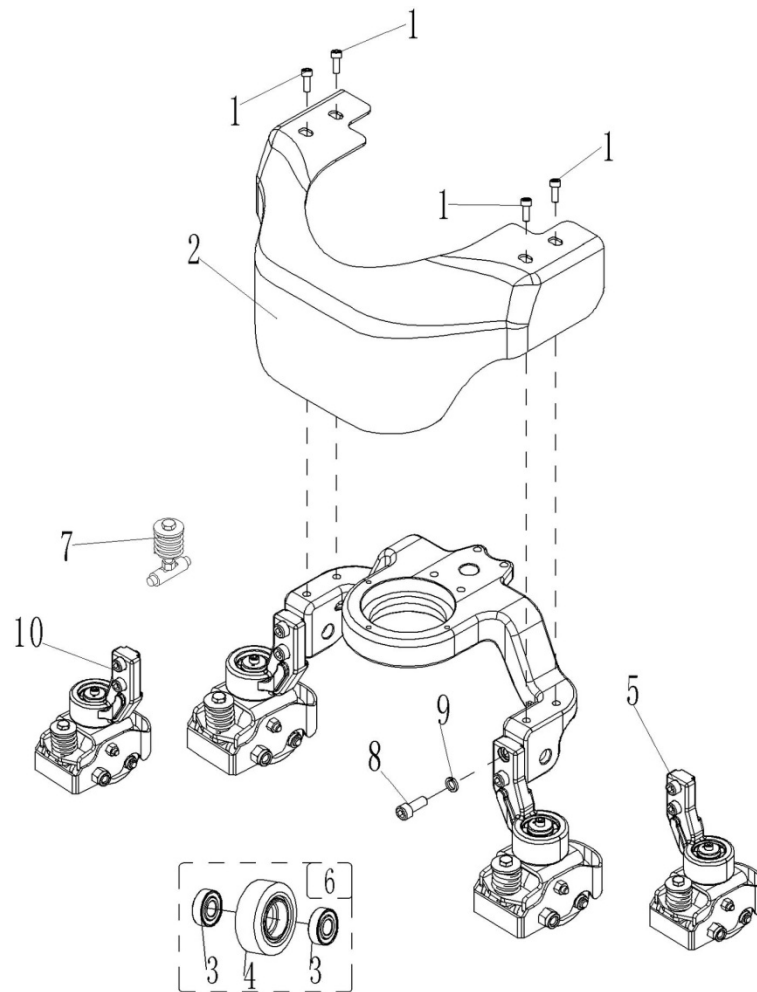
**Fig. 8 Hydraulic components**



**Fig. 8 Hydraulic Components**

No.	Art No.	Description	Qty.	Note
1	950900100048	Hydraulic power unit 24V0.5KW0.38cc	1	
2	910401300017	Circlip GB894.1-32	1	
3	508024010000	Cylinder assembly	1	
4		Screw GB70.1-M6x20-8.8	7	
5		Flat washer GB97.1-6-200HV	7	
6		Screw GB70.1-M10x30-8.8	4	
7		Screw GB70.1-M6x6-12.9-c1B	1	
8	910701100019	Steel ball GB308-18	1	
9	910800100098	O ring	1	13.5x1.8
10		Hydraulic components	1	

**Fig. 9 Steering wheel components (with side rollers)**

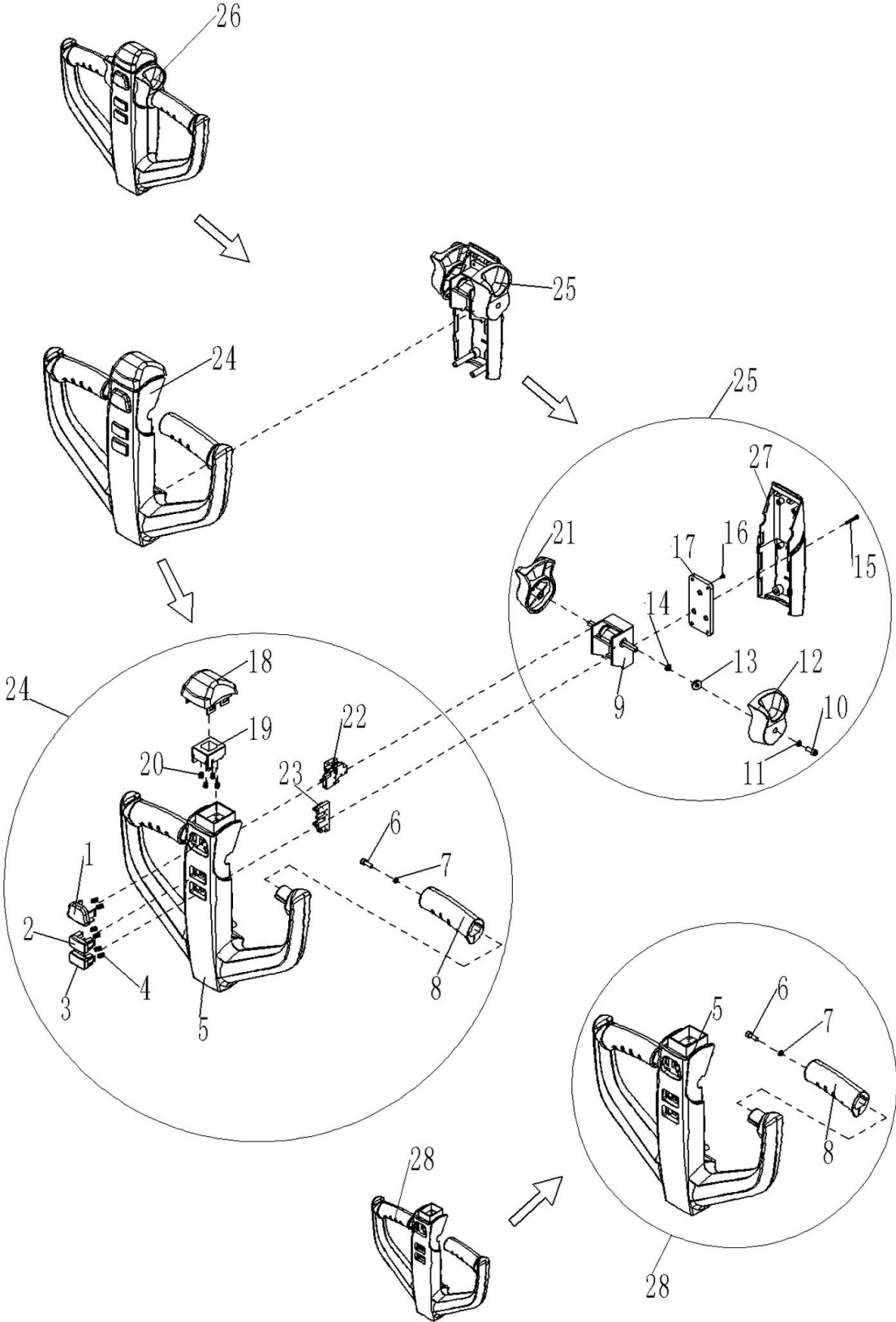


**Fig. 9 Steering Wheel Components (with side rollers)**

No.	Art No.	Description	Qty.	Note
1	941100100005	Screw M10x15-8.8	4	
2		Apron (side roller)	1	Departure altitude: 35mm
				Departure altitude: 45mm
3		Bearing GB276-6203-2RS	2	
4		Roller $\Phi 80 \times 30$ (Steel core PU)	1	
5	508016510005	Side roller components $\Phi 80 \times 30$ (PU/right)	1	
6	502398510015	Roller components	1	
7	508098510047	Spring components	1	
8	910200200076	Screw GB70.1-M10x25-8.8	4	
9	910400100007	Washer GB97.1-10-200HV	4	
10	508016510002	Side roller components $\Phi 80 \times 30$ (PU/left)	1	



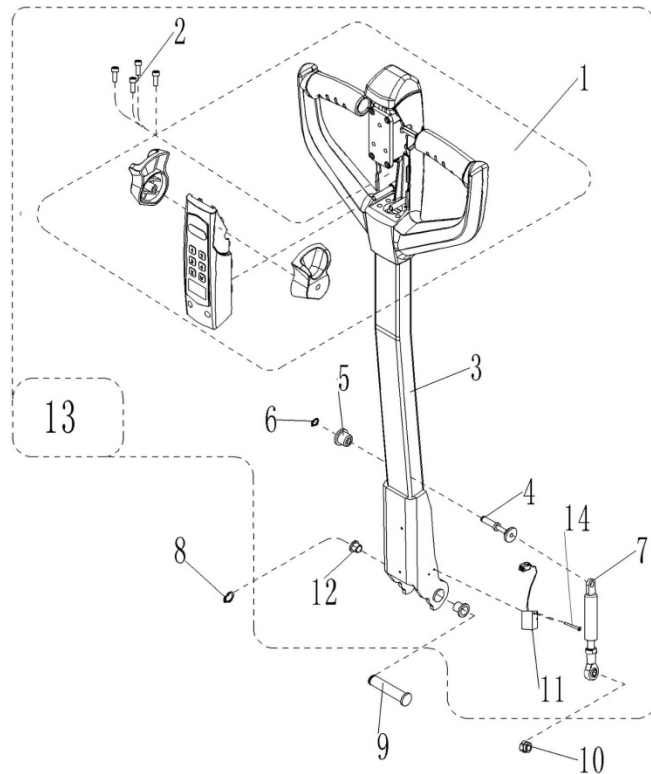
Fig. 11 Tiller head



**Fig. 11 Tiller Head**

No.	Art No.	Description	Qty.	Note
1	502398520009	Horn	1	
2	502398520010	Lifting button	1	
3	502398520011	Lowering button	1	
4	502311020022	Spring 0.6	6	Height 16
5		Tiller upper cover	1	
6		Bolt	2	M8*25
7		Washer	2	Φ8
8		Grip	2	
9		Accelerator assembly	1	components
10		Bolt	2	M3*12
11		Washer	2	Φ3
12		Left driving knob	1	
13		Axle external bushing	2	
14		Axle internal bushing	2	
15		Screw GB70.1-M5x50-8.8	2	M5*50
16		Screw	3	M4*6
17		Accelerator fixing plate	1	
18		Belly button base	1	
19		Belly internal base	1	
20		Spring 0.8	4	Height 11
21		Right driving knob	1	
22		Horn micro switch components	1	
23		Lifting and lowering micro switch components	1	
24	508098510031	Tiller upper cover components	1	
25	508098510032	Tiller bottom cover components	1	
26	922100100013	Tiller NL-H300	1	
27		Display panel assembly	1	
28	508098510046	Handle cover fitting	1	

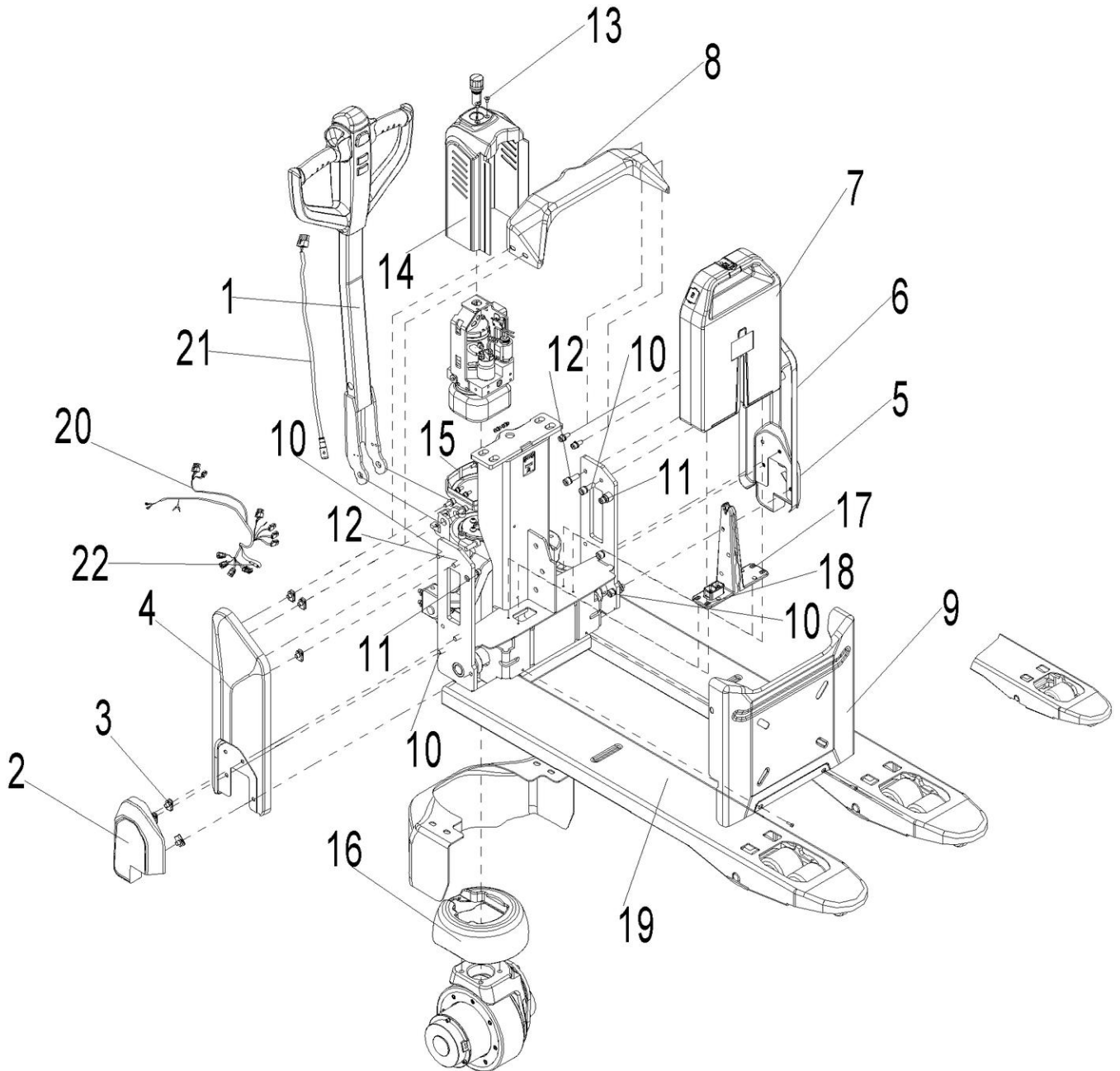
**Fig. 12 Tiller arm components**



**Fig. 12 Tiller Arm Components**

No.	Art No.	Description	Qty.	Note
1	922100100013	Tiller NL-H300	1	
2		Screw GB70.1-M6x35-8.8	4	
3		Tiller arm welding	1	
4		Fixing axle welding	1	
5		Fixing base	1	
6		Circlip GB894.1-8	1	
7	508011010001	Air spring (D245)	1	
8	910401300006	Circlip GB894.1-15	1	
9	508011020004	Pin $\Phi 15 \times 70$	1	
10		Screw GB70.1-M8x20-8.8	1	
11	505633510002	Proximity switch NBN5-F7-E2(800mm)	1	
12	940500200001	Bushing (With shoulder) $\Phi 15 \times \Phi 17 \times 9$ -SF-1	2	
13	508098510035	Tiller components	1	
14		Screw GB70.1-M3x22-8.8	2	

**Fig. 13 Truck components**

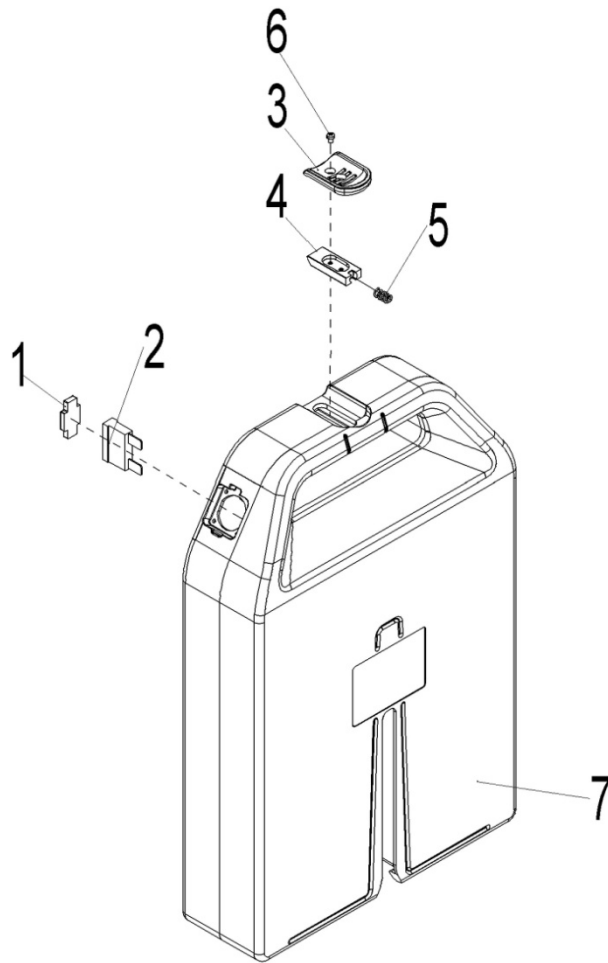


**Fig. 13 Truck Components**

No	Art No.	Description	Qty.	Note
1	508098510035	Tiller assembly	1	
2		Small side cover (right)(540)	1	
		Small side cover (right)(685)	1	

3		Nut M8-t(2-4)	14	
4		Side panel (right)	1	
5		Small side cover (left)(540)	1	
		Small side cover (left)(685)	1	
6		Side panel (left)	1	
7	508037010003	Lithium battery 24V20Ah	1	20Ah
8		Top cover	1	
9		Front cover	1	
10		Screw GB70.1-M8x25-8.8	10	
11		Screw GB70.1-M8x16-8.8	6	
12		Flat washer GB97.1-8-200HV	6	
13		Screw GB70.3-M6x10-8.8	2	
14		Pump protective cover	1	
15		Base cover	1	
16		Round cover	1	
17		Lithium battery guide base	1	
18		Screw GB818-M5x10-4.8	4	M5x10
19		Chassis welding (540x1150)		
20	508033010000	Main control wiring harness	1	
		Main control wiring harness	1	With speed reduction on curve
21	508033010001	Tiller control wiring harness	1	
22	920100200002	Fuse 10A	1	(982124)

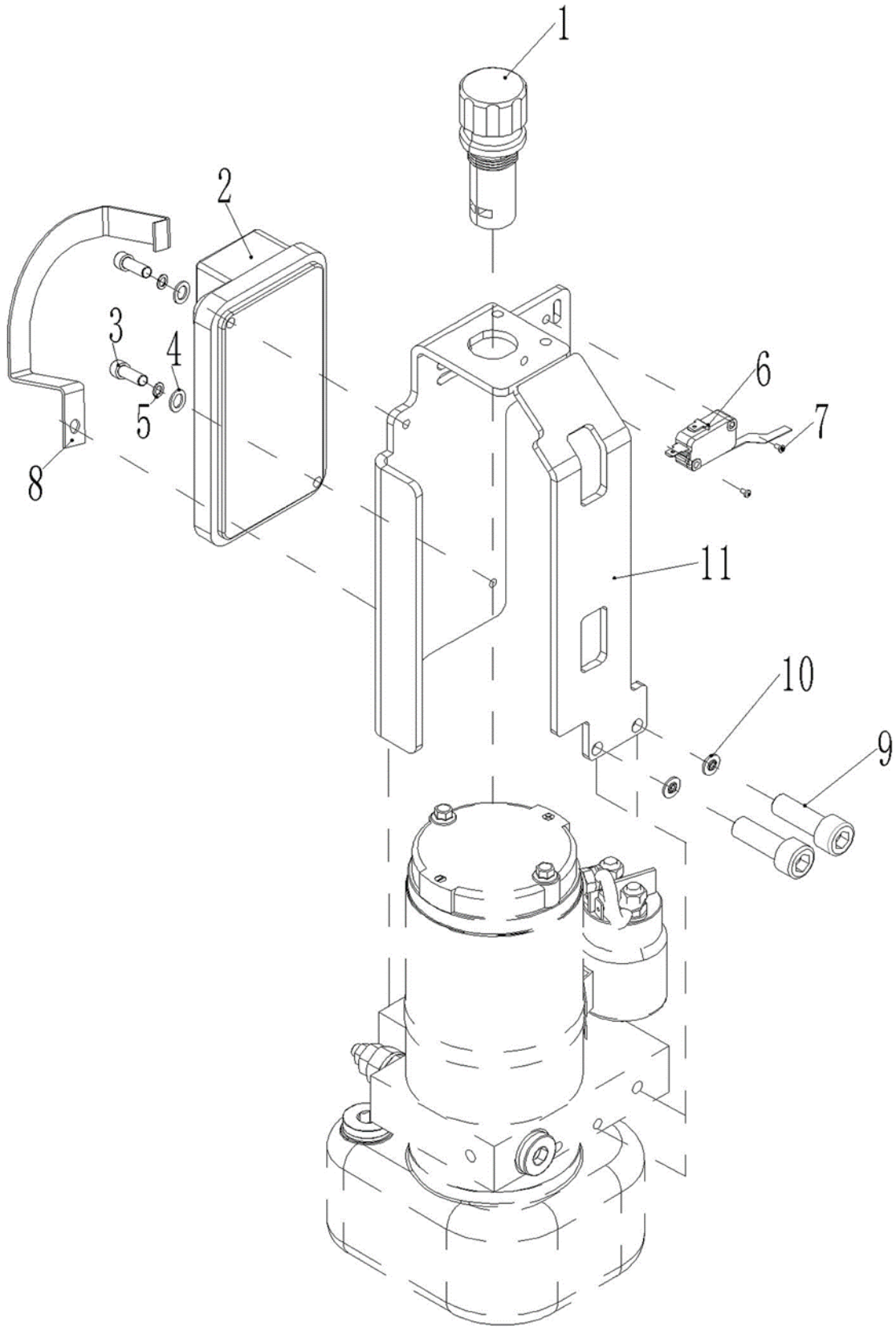
**Fig. 14 Power supply assembly**



**Fig. 14 Power Supply Assembly**

No.	Art No.	Description	Qty.	Note
1	508098520021	Fuse protective cap	1	
2	920100200006	70A fuse	1	ATM70A DC32V
3	508098520022	Locker	1	
4	508098520023	Aluminium part	1	
5	508098520024	Spring	1	
6	910200500011	Screw	2	Screw GB818-M3x10-4.8
7	508037010003	Lithium battery 24V20Ah	1	20Ah

**Fig. 15 Controller components**

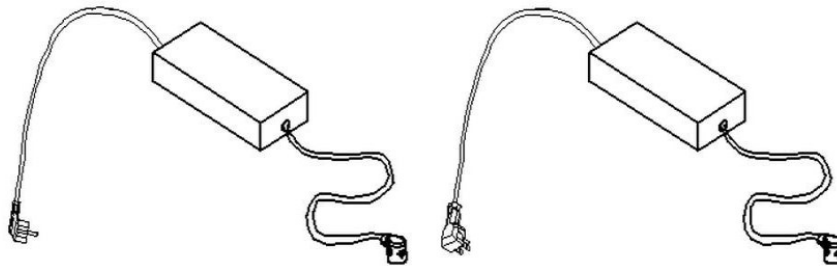


**Fig. 15 Controller Components**

No.	Art No.	Description	Qty.	Note
1	920200100015	Emergency button CE3T-10R-02	1	
2	921400100112	Controller 1212C-2504	1	
3		Screw GB70.1-M5x25- 8.8	2	Screw GB70.1-M5x25- 8.8-c1B
4		Flat washer GB97.1-5- 200HV	2	Flat Washer GB97.1-5- 200HV-A-c1B
5		Washer GB93-5	2	Washer GB93-5-c1B
6	920200300012	Micro switch V-J163- 1C25	1	
7		Screw GB70.1-M3x12- 8.8	2	Screw GB70.1-M3x12- 8.8-c1B
8		Cable clamp	1	
9		Screw GB70.1-M6x20- 8.8	7	Screw GB70.1-M6x20- 8.8-c1B
10		Flat Washer GB97.1-6- 200HV	7	Flat Washer GB97.1-6- 200HV-A-c1B
11		Controller mounting rack	1	



**Fig. 17 Charger**



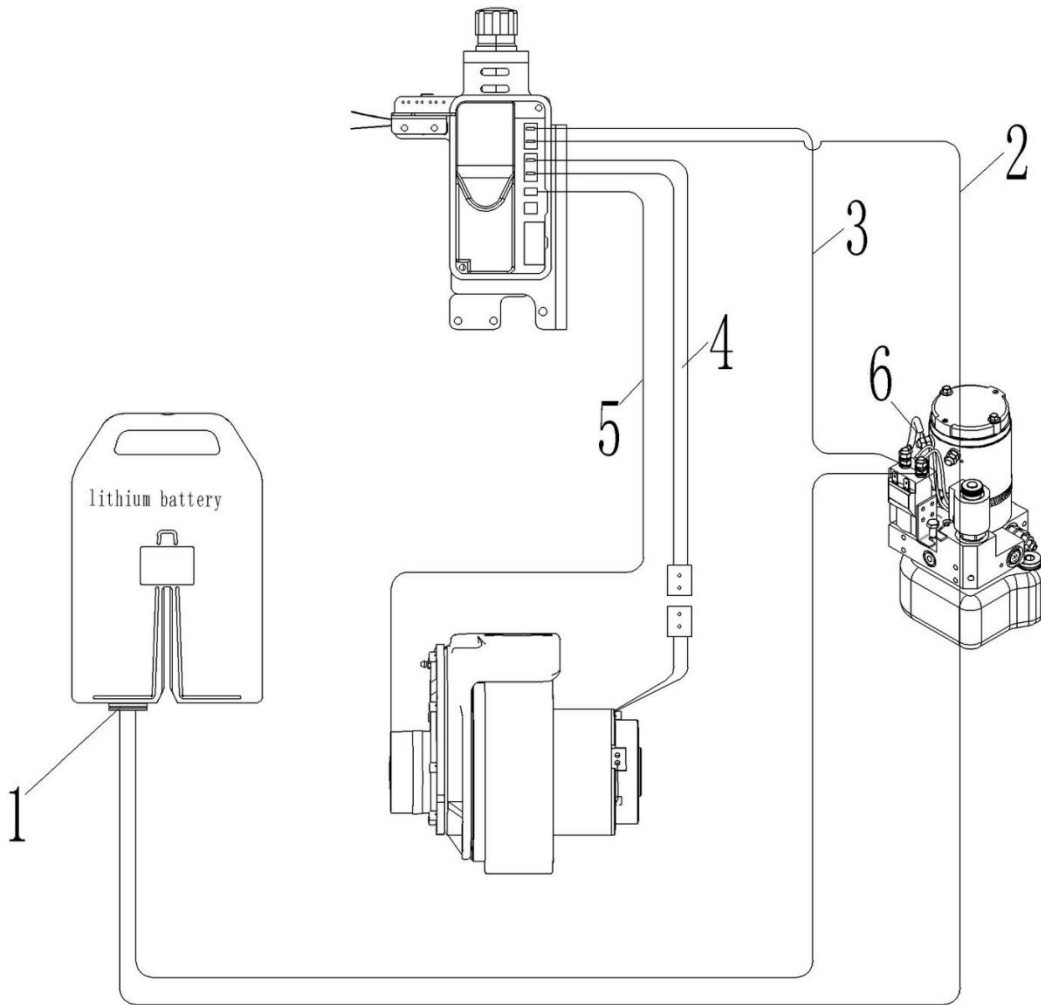
EU market

US market

**Fig. 17 Charger**

No.	Art No.	Description	Qty.	Note
1	508036510003	Lithium battery charger 24V- 110V	1	US
	508036510004	Lithium battery charger 24V- 230V	1	EU

**Fig. 18 Wiring harness**



**Fig. 18 Wiring Harness**

No.	Art No.	Description	Qty.	Note
1	508033010003	Main plug wiring harness	1	
2	508033010004	Controller B+ wiring harness	1	
3	508033010005	Controller B- wiring harness	1	
4	508033010006	Motor main wiring harness	1	
5	508033010007	Brake main wiring harness	1	
6	508033010010	Pump motor B+ wiring harness	1	



**S1096 Spare parts list LM1500**