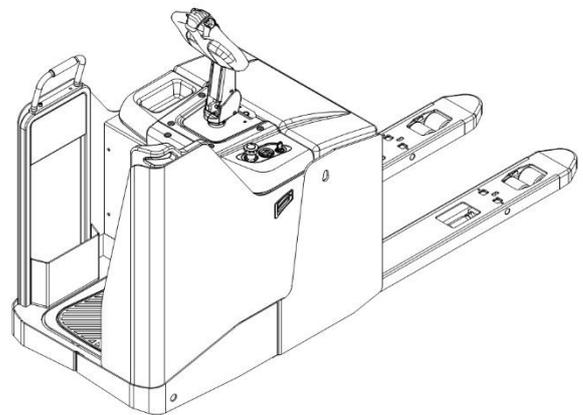
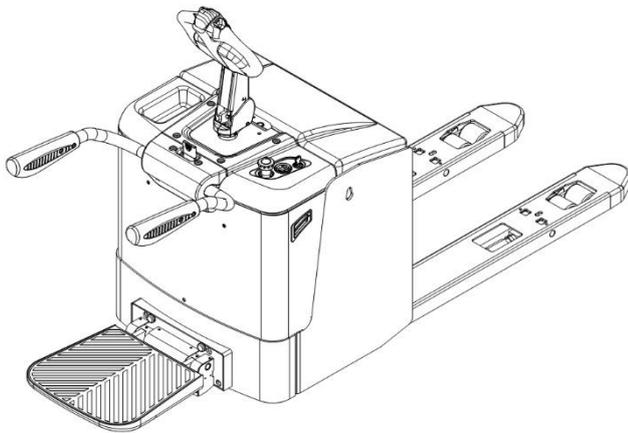


Electric Pallet Truck PPK200/250/300

**PARTS MANUAL**

507046020101



Version: V04

truck Identification Number From:

Parts Manual PPK200/250/300-PM04EN

Please order spare parts from authorized dealers of our company.

In order to avoid wrong delivery, all the orders for spare parts should specify the following items:

- Truck model, identification number and manufacture year.
- Orders for spare parts of mast, hydraulic transmission unit, steering axle, motor, etc. shall indicate the manufacture number of these parts.
- Codes for our company spare parts are shown in the table of parts manual. Please also pay attention to the description of supply status, order quantity, etc. (check the number listed in "Mark" column of the parts manual).

"Mark" Column:

The unmarked indicates the parts are in short supply cycle.

Number 1: supply as package. Indicating these that parts are small parts and seal parts, which are supplied in package unit and in short supply cycle.

Number 2: supply with constraints. Indicating that these spare parts are not in stock and will be prepared for production after receiving the order from customers, which are in long supply cycle.

Number 3: phasing-out supply. Indicating that these parts will be replaced by new parts due to technical improvements and the current stock will not be available when these parts run out. Please check the description of technical improvements notice.

Number 4: supply as assembly. Indicating that these parts are assembly parts defined by manufacture process, which cannot be supplied as a single part.

Number 5: check other tables.

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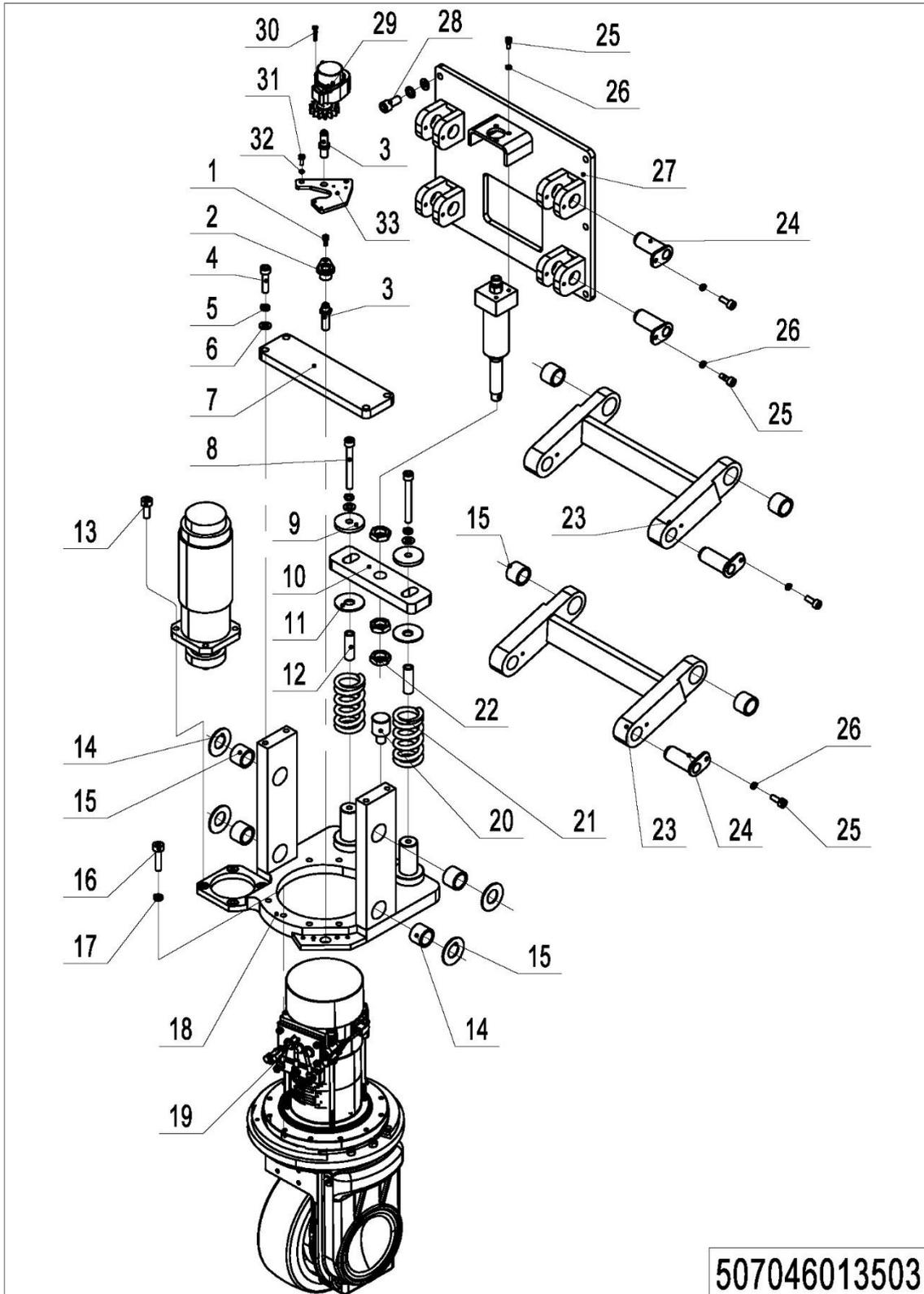
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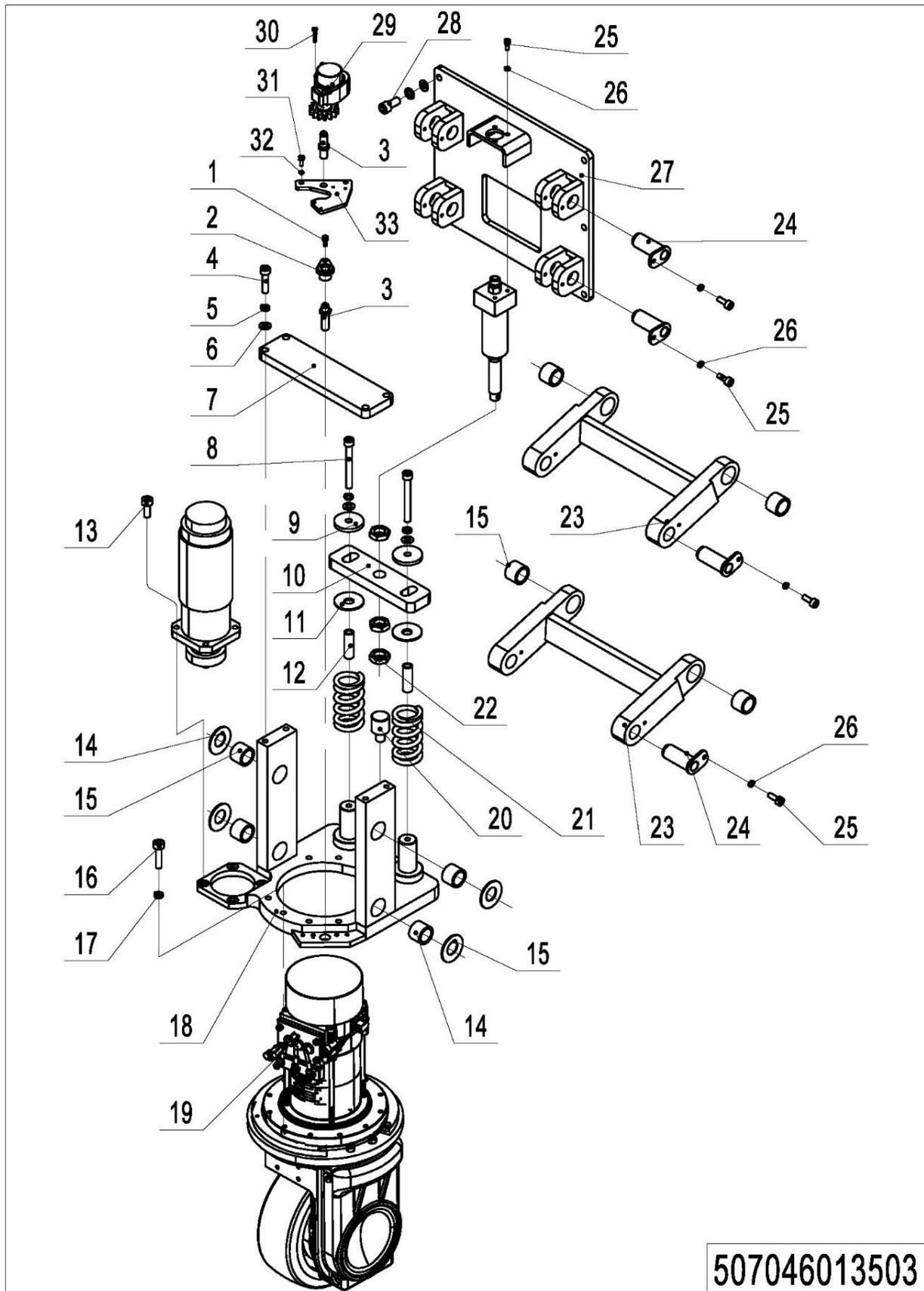
## Chapter 1: Drive System

### 01 Drive Unit (507046013503)



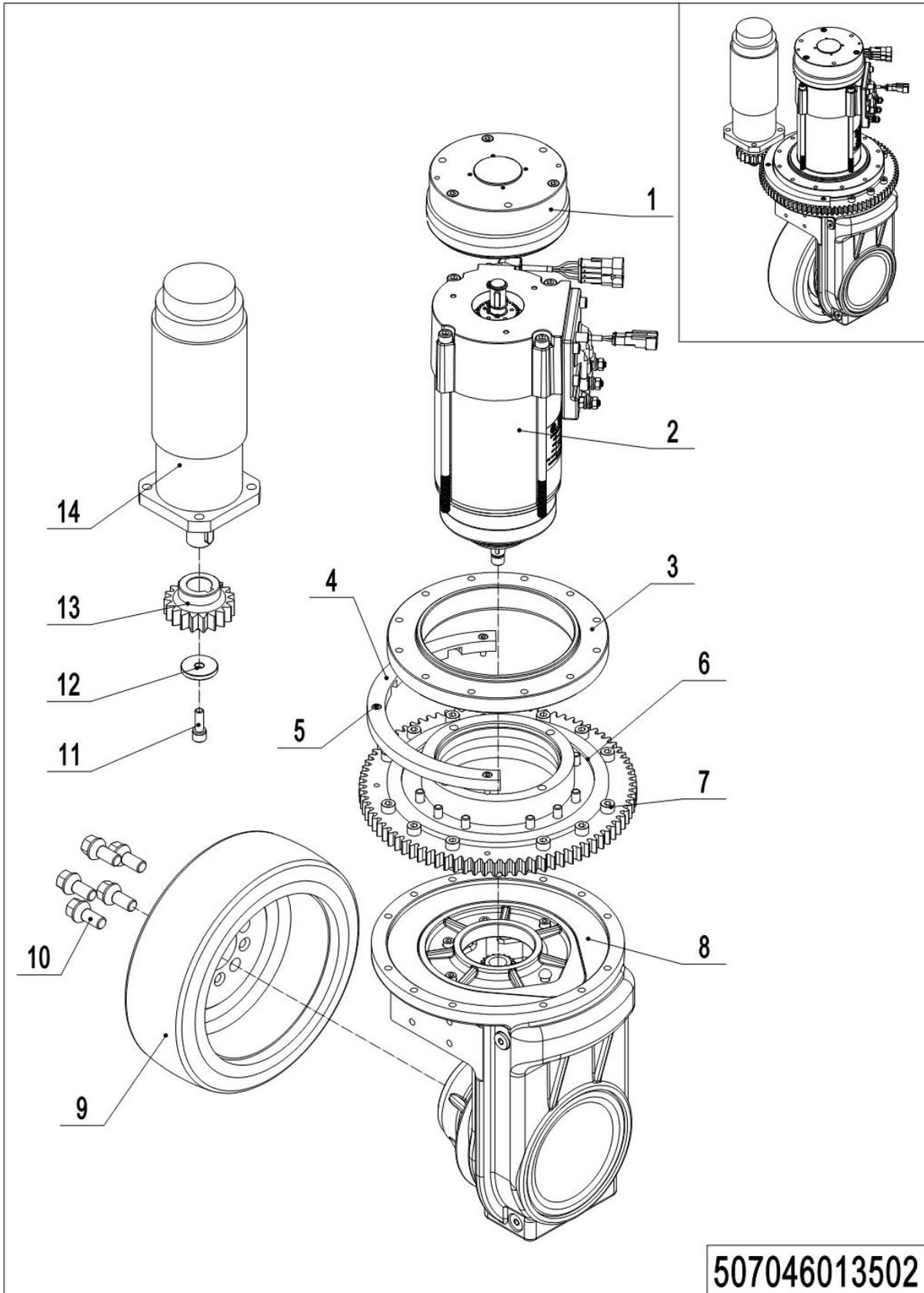
## 01 Drive Unit (507046013503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200013	1	Screw	1		M4x10
2	533213510005	2	Bushing	1		
3	506733510009		Proximity Switch	1		
4	910200200057	1	Screw	4		M10x35
5	910400500007	1	Spring Washer	12		10
6	910400100007	1	Flat Washer	12		10
7	507013520019	2	Connection block	1		
8	910200200088	2	Screw	2		M10x90
9	537813520013		Washer	2		
10	507013520013		Plate	1		
11	507013520028		Washer	2		
12	507013520014		Bushing	2		
13	910200200058	1	Screw	4		M8x25
14	507013520032		Washer	4		
15	507013520017		Bushing	8		Φ 25x Φ 33x25
16	910200200060	1	Screw	8		M8x35
17	910400500006	1	Spring Washer	12		8
18	507013510002		Drive wheel seat welding	1		
19	940900500021	2	Drive Steering Assembly	1		PPK-200
19	940900500018	2	Drive Steering Assembly	1		PPK-250/300
20	507013520018		Anti-collision block	1		
21	507013520015		Spring	2		
22	910300400008	1	Nut	4		M20x1.5
23	507013510004		Connecting plate welding	2		
24	507013510003		Axle	8		
25	910200200035	1	Screw	11		M6x16
26	910400500005	1	Spring Washer	11		6
27	507013510001		Driving Wheel seat	1		
28	910200200076	1	Screw	6		M10x25

**01 Drive Unit (507046013503)**

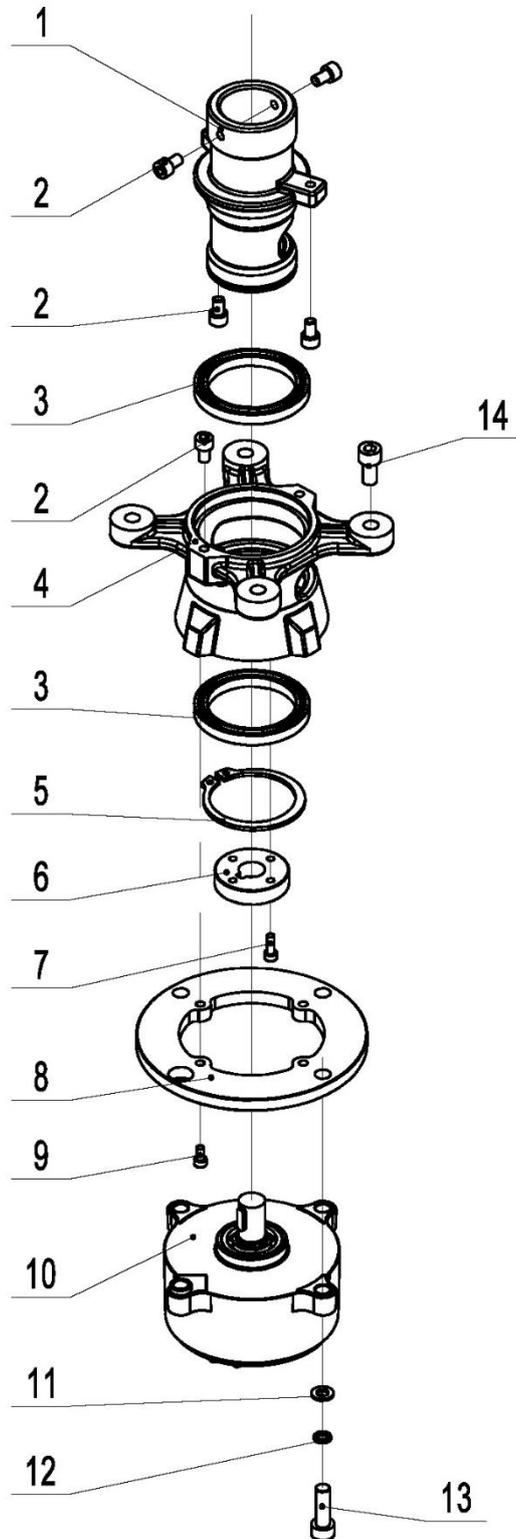
## 01 Drive Unit (507046013503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
29	921800100059		Position Sensor Assembly	1		EN1175
30	910200200017	1	Screw M4x25	4		EN1175
31	910200200035	1	Screw M6x16	2		EN1175
32	910400500005	1	Washer 6	2		EN1175
33	537813520019		Fixing Plate	1		EN1175

**02 Drive Steering Assembly (507046013502)**

## 02 Drive Steering Assembly (507046013502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	961001500016	2	Brake	1		
2	961001500015	2	AC motor 2.5KW	1		
3	961001500011	2	Guide Rail	1		
4	961001500010	2	Sensing strip	1		
5	941100400016	2	Screw	3		M5x16
6	961001500009	2	Slewing bearing	1		
7	910200200147	2	Screw	25		
8	961002101000	2	Gearbox Assembly=17.43	1		<b>PPK-200</b>
8	961001501000	2	Gearbox Assembly=22.39	1		<b>PPK-250/300</b>
9	961001500014	2	Driving wheel	1		Φ250x80
10	940998520029	2	Screw	5		
11	910400500019	2	Spring Washer	1		
12	961001500013	2	Axle collar	1		
13	961001500012	2	Steering Pinion	1		
14	920900100069	2	Motor	1		

**03 Electronic Steering Assembly (507046031503)**

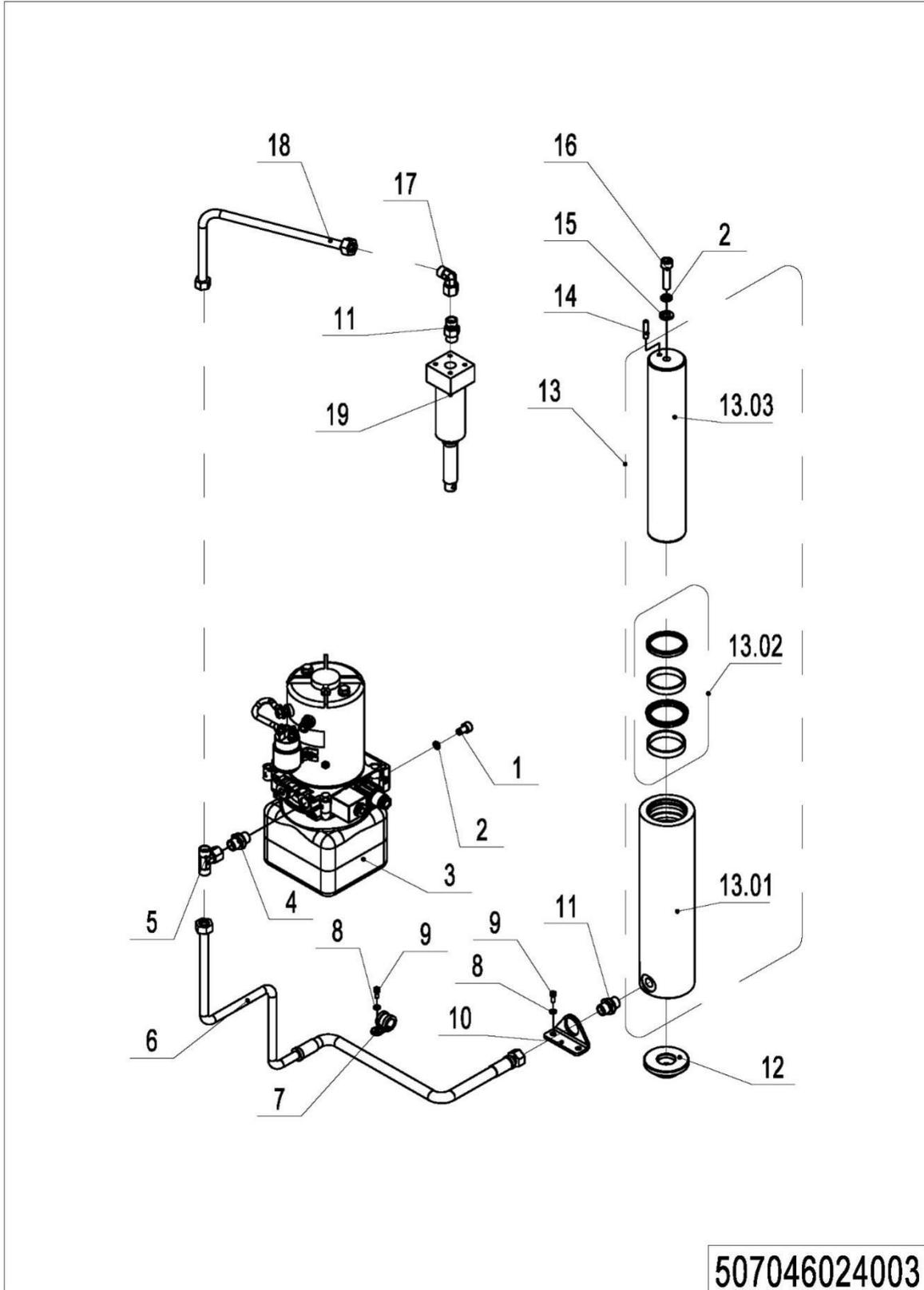
507046031503

**03 Electronic Steering Assembly (507046031503)**

<b>No.</b>	<b>Item Code</b>	<b>Mark</b>	<b>Item Description</b>	<b>Qty.</b>	<b>Substitute</b>	<b>Note</b>
1	535931520001		Rotating shaft	1		
2	910200200032	1	Screw	5		M6x10
3	910700200041		Bearing	2		
4	507031520004		Handle seat	1		
5	910401300024	1	Circlip	1		50
6	507031520002		Link Block	1		
7	910200200014	1	Screw	4		M4x12
8	507031520003		Mounting plate	1		
9	910200200022	1	Screw	4		M5x12
10	921800200060		Potentiometer	1		EK-SSS5-A220AS2
11	910400100006		Washer	3		8
12	910400500006		Washer	3		8
13	910200200059		Screw			M8x30
14	910200200075	1	Screw	4		M10x20

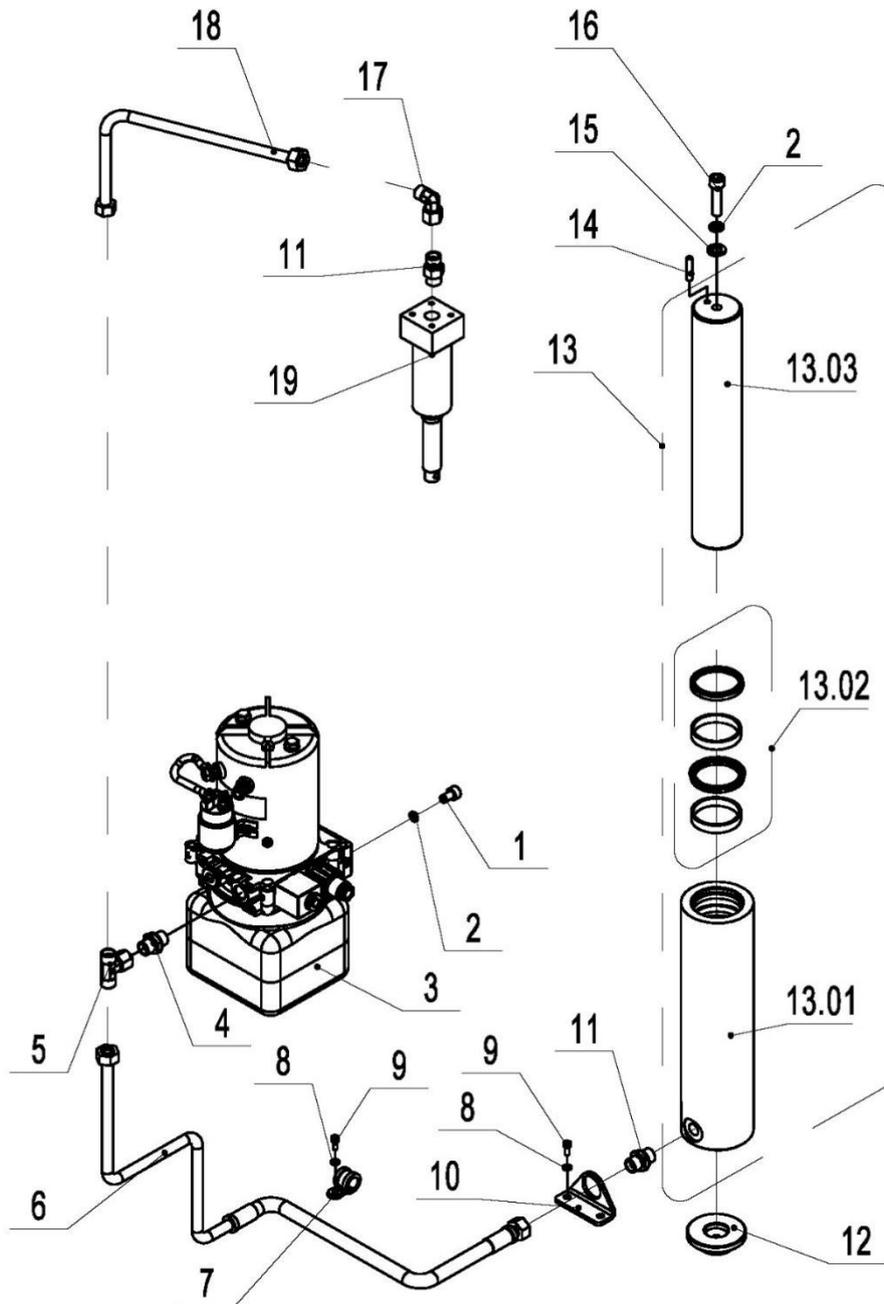
## Chapter 2: Hydraulic System

### 01 Hydraulic System (507046024003)



## 01 Hydraulic System (507046024003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200075		Screw	2		
2	910400500007		Spring Washer	3		
3	950900100024		Pump Unit	1		见 506946024002
4	950400300007		Joint	1		
5	950400900002		Joint	1		
6	507024010001		Hydraulic Pipe	2		
7	951000100003		Hose Clamp	1		
8	910400500005		Spring Washer	4		
9	910200200033		Screw	4		
10	505621520027		Locating Rack	1		
11	950400400003		Joint	2		
12	505621520035		Cylinder Base	1		
13	505724010001		Cylinder	1		
13.01	505724010002		Cylinder Block	1		
13.02	505798510001		Seal Kit	1		
13.03	505724020003		Piston Rod $\Phi$ 50x308	1		
14	910600100016		Cylindrical Pin	1		
15	910400100007		Flat Washer	1		
16	910200200079		Screw	1		
17	950400200003		Joint	1		
18	507024010005		Hydraulic Pipe	1		
19	507024010006		Cylinder	1		

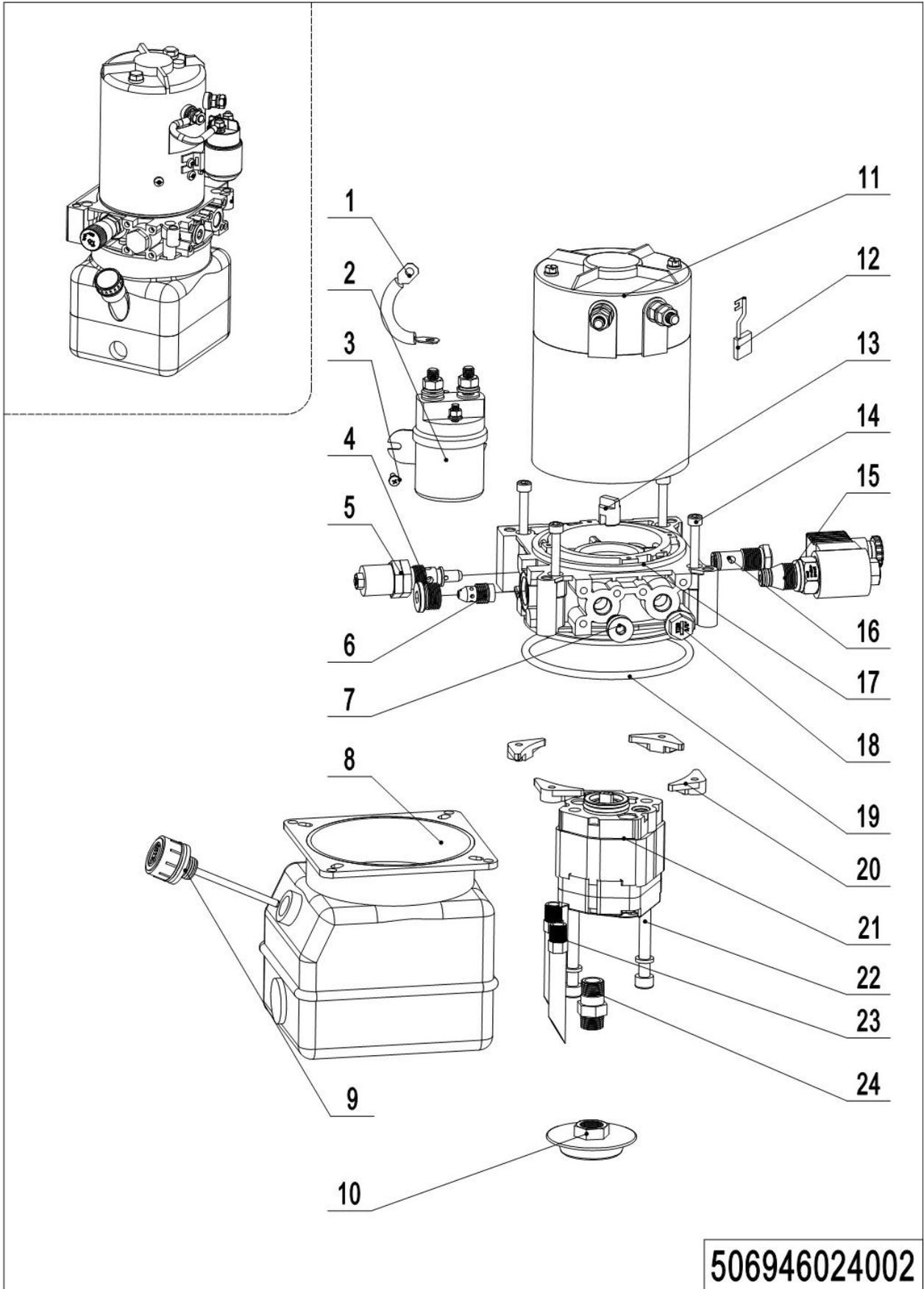
**02 PPK-300 Hydraulic System (507046024004)**

507046024004

## 02 PPK-300 Hydraulic System (507046024004)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200075		Screw	2		
2	910400500007		Spring Washer	3		
3	950900100024		Pump Unit	1		见 506946024002
4	950400300007		Joint	1		
5	950400900002		Joint	1		
6	507024010001		Hydraulic Pipe	2		
7	951000100003		Hose Clamp	1		
8	910400500005		Spring Washer	4		
9	910200200033		Screw	4		
10	505621520027		Locating Rack	1		
11	950400400003		Joint	1		
12	505621520035		Cylinder Base	1		
13	506024010001		Cylinder	1		
13.01	506024010002		Cylinder Tube	1		
13.02	506098510001		Seal Kit	1		
13.03	506024020003		Piston Rod	1		
14	910600100016		Cylindrical Pin	1		
15	910400100007		Flat Washer	1		
16	910200200079		Screw	1		
17	950400200003		Joint	1		
18	507024010005		Hydraulic Pipe	1		
19	507024010006		Cylinder	1		

### 03 Hydraulic Power Unit (506946024002)

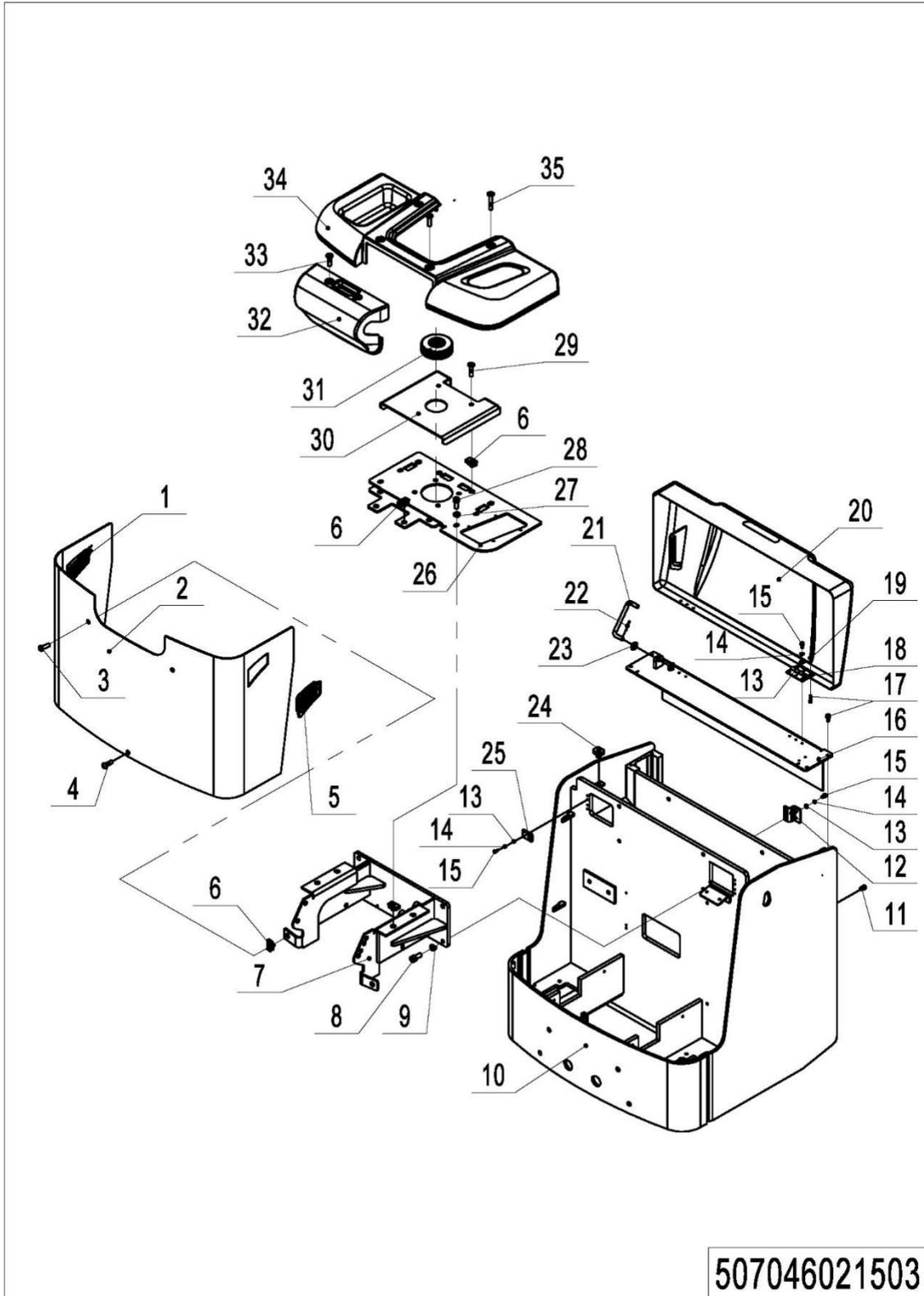


## 03 Hydraulic Power Unit (506946024002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100024		Pump Unit	1		
1	505798510004	2	Cables	1		
2	532098510002	2	Switch	1		
3	910200500036	1	Screw	1		
4	402698520020	2	Plug	1		
5	505798510007	2	Overflow Valve	1		
6	505798510006	2	Compensation Valve	1		
7	505798520014	2	End Cap	1		
8	505798520009	2	Tank	1		
9	505698520047	2	Cap-Tank	1		
10	402698520010	2	Filter	1		
11	532098510001	2	Motor	1		
12	505798510013	2	Carbon Brush	1		
13	505798520018	2	Coupling	1		
14	910200200042	1	Screw	4		
15	532098510006	2	Magnetic Valve	1		
16	505798510012	2	Check Valve	1		
17	505798520005	2	Valve Block	1		
18	505798520015	2	End Cap	1		
19	910800100088	1	O-Ring	1		
20	505798520008	2	Nut	4		
21	532098510000	2	Gear Pump	1		
22	910200200070	1	Screw	2		
23	505798520012	2	Pipe	2		
24	505798520010	2	Oil Tube	1		

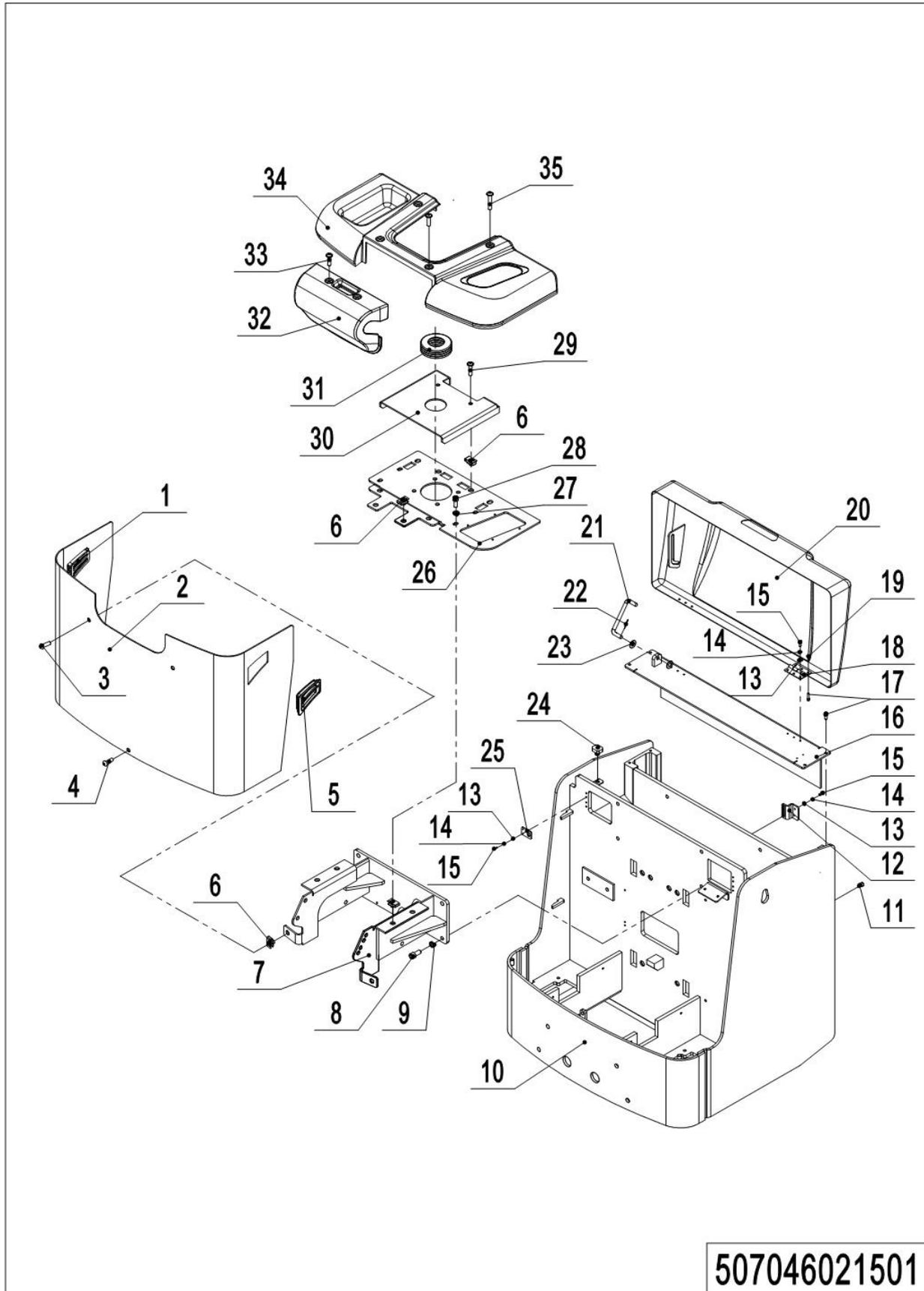
### Chapter 3: Truck Frame

#### 01 Truck Body (507046021503)



## 01 Truck Body (506746021503)

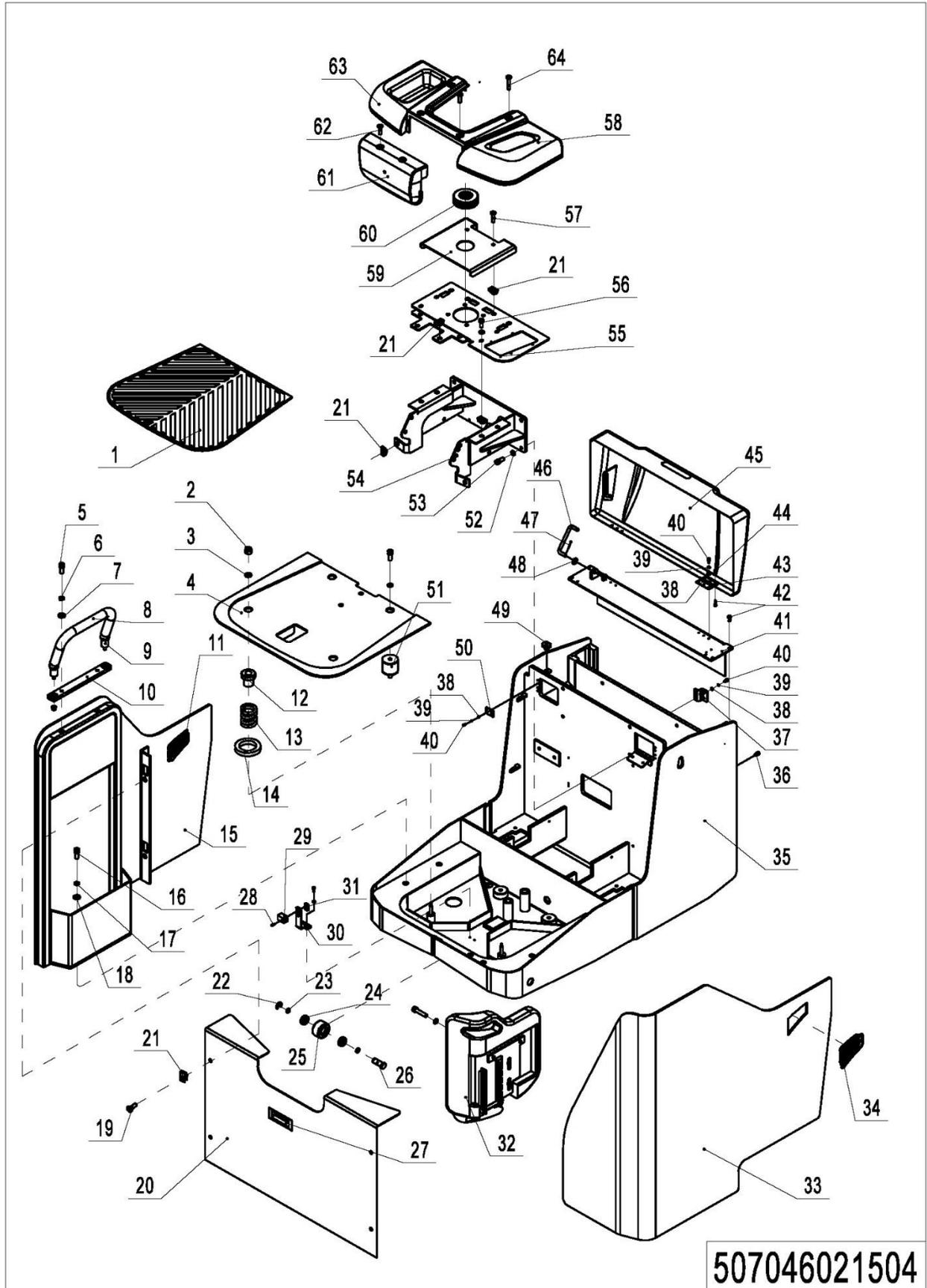
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	505621510003		Vent Kit	1		
2	505921510005		Apron	1		
3	941100100004		Screw	2		
4	941100100005		Screw	1		
5	505621510004		Vent Kit	1		
6	940400400003		Cage Nut	14		
7	507021510001		Mounting base welding	1		
8	910200200097	1	Screw	4		
9	910400500008	1	Spring Washer	4		
10	507021510017		Body welding (685)	1		Li
10	507021510018		Body welding (560)	1		Li
10	507021510019		Body welding (540)	1		Li
10	507021510023		Body welding (685)	1		
10	507021510024		Body welding (560)	1		
10	507021510025		Body welding (540)	1		
11	910200200074	1	Screw	2		
12	505721520031		Mounting Plate	1		
13	910400100004	1	Flat Washer	12		
14	910400500004	1	Spring Washer	12		
15	910200200023	1	Screw	12		
16	507021510003		Cover welding	1		
17	910200300013		Screw	10		
18	940801400001		Hinge	2		
19	910300100004	1	Nut	6		
20	507021010001		Battery Cap	1		
20	507021010002		Battery Cap	1		
21	560838520036		Support Rod	1		
22	910600600030	1	Cotter Pin	4		
23	910400200004	1	Flat Washer	4		

**01 Truck Body (507046021503) Continuation**

507046021501

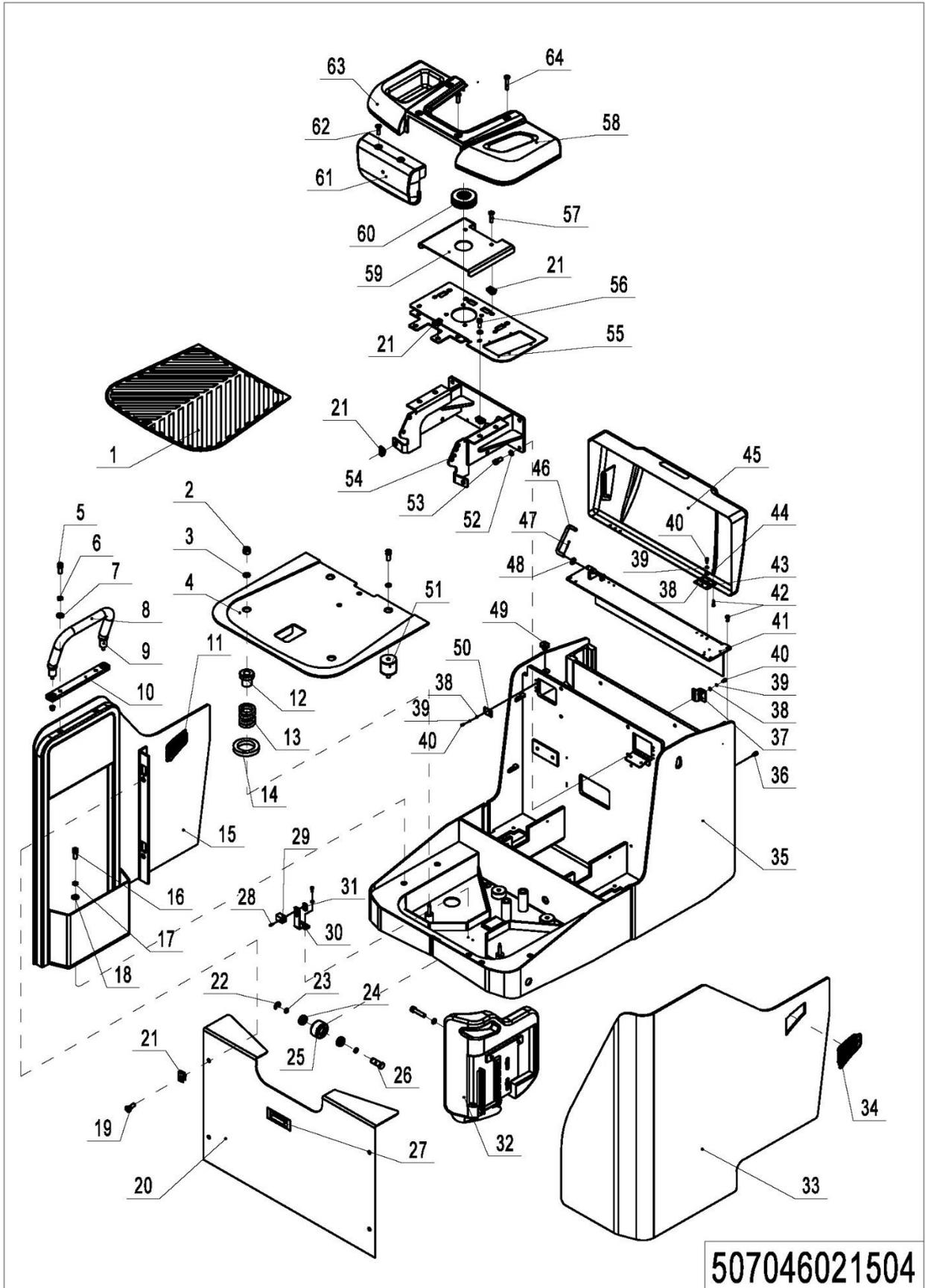
## 01 Truck Body (507046021503) Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
24	505938520016		Crash Pad	2		
25	535921520029		Mounting Plate	2		
26	507021520021		Roof Plate	1		
27	910400500007	1	Spring Washer	4		
28	910200200076	1	Screw	4		
29	941100100006		Screw	2		
30	507021510002		Intermediate Hood	1		
31	940600400001		Dust Cover	1		
32	505621520025		Protective Cover	1		
33	941100100003		Screw	4		
34	507021520022		Shields	1		
35	941100100002		Screw	2		

**02 Truck Body (507046021504)**

## 02 Truck Body (506746021504)

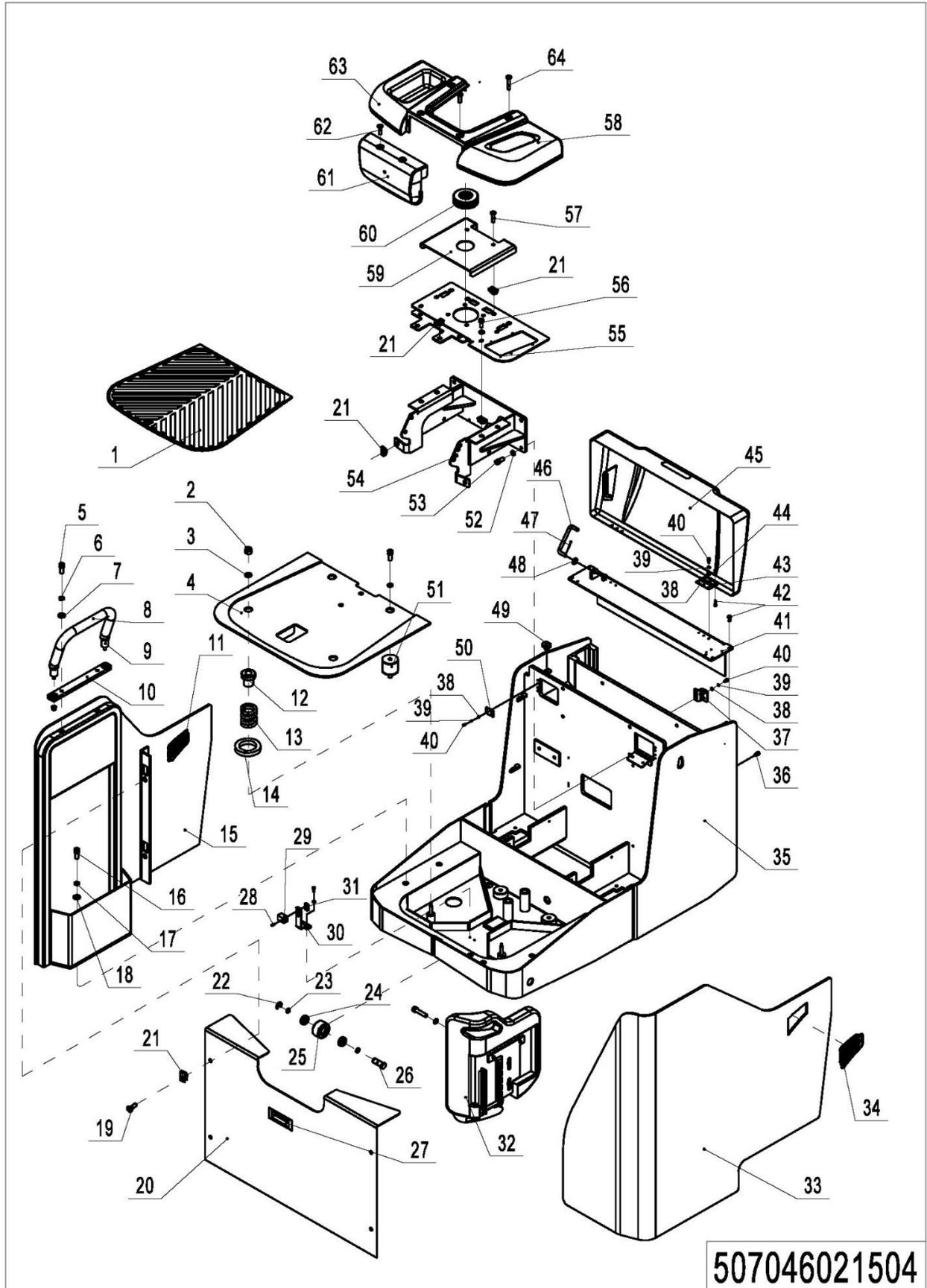
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	505618020018		Rubber Mat	1		
2	910300500003	1	Nut	2		
3	910400200002	1	Flat Washer	2		
4	509021510003		Platform	1		
5	910200200057	1	Screw	4		
6	910400500006	1	Spring Washer	4		
7	910400100006	1	Flat Washer	2		
8	509021520060		Jacket	1		
9	509021510007		Handrail	1		
10	509021520056		Bottom plate	1		
11	505621510003		Vent Kit	1		
12	565921520062		Crash Pad	2		
13	940400500008		Spring	2		
14	509021520047	1	Washer	2		
15	509021510004		Protection Plate	1		
16	910200200078		Screw	6		
17	910400500007	1	Spring Washer	12		
18	910400100007	1	Flat Washer	8		
19	941100100005		Screw	4		
20	505921520070		Coaming	1		
21	940400400003		Cage Nut	16		
22	910401300008		Circlip	1		
23	509021520047		Washer	2		
24	910700200018		Bearing	2		
25	505921520079		Wheel	1		
26	505921520077		Pin	1		
27	505921520070		Handle	1		
28	910200500016		Screw	2		
29	507033510005		Proximity Switch	1		

**02 Truck Body (507046021504) Continuation 1**

## 01 Truck Body (507046021504) Continuation 1

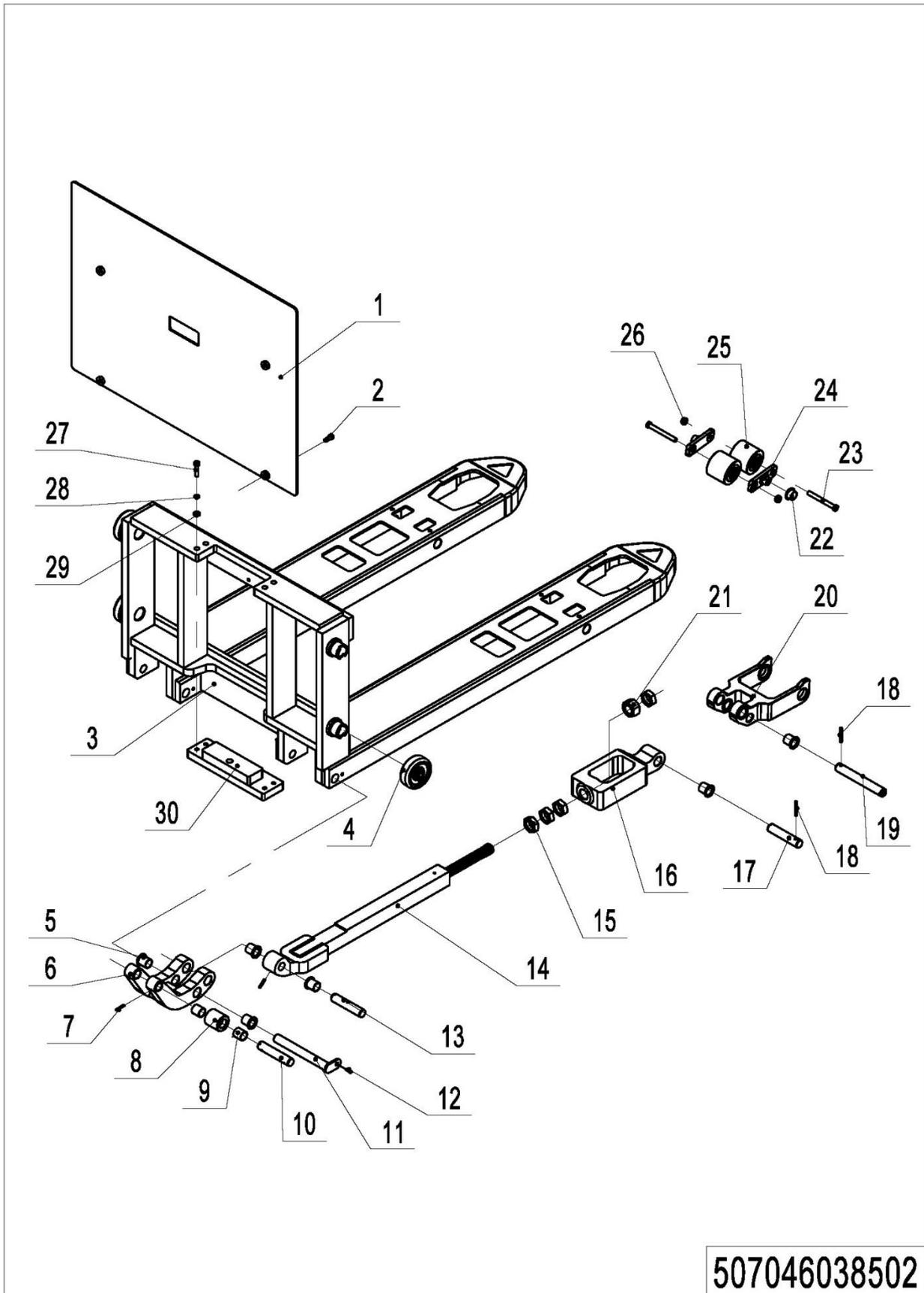
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
30	509021520046		Mounting Plate	1		
31	509021520054		Mounting Plate	1		
32	218021510004		Backrest	1		
33	509021510005		Protection Plate	1		
34	505621510004		Vent Kit	1		
35	507021510020		Body welding(685)	1		Li
35	507021510021		Body welding(560)	1		Li
35	507021510022		Body welding(540)	1		Li
35	507021510026		Body welding(685)	1		
35	507021510027		Body welding(560)	1		
35	507021510028		Body welding(540)	1		
36	910200200074	1	Screw	4		
37	505721520031		Mounting Plate	1		
38	910400100004	1	Flat Washer	12		
39	910400500004	1	Spring Washer	12		
40	910200200023	1	Screw	12		
41	507021510003		Cover welding	1		
42	910200300013		Screw	10		
43	940801400001		Hinge	2		
44	910300100004	1	Nut	6		
45	507021010001		Battery Cap	1		
45	507021010002		Battery Cap	1		
46	560838520036		Support Rod	1		
47	910600600030	1	Cotter Pin	4		
48	910400200004	1	Flat Washer	4		
49	505938520016		Crash Pad	2		
50	535921520029		Mounting Plate	2		
51	566518020088		Shock Absorber	2		
52	910400500008	1	Spring Washer	4		
53	910200200097	1	Screw	4		

## 02 Truck Body (507046021504) Continuation 2



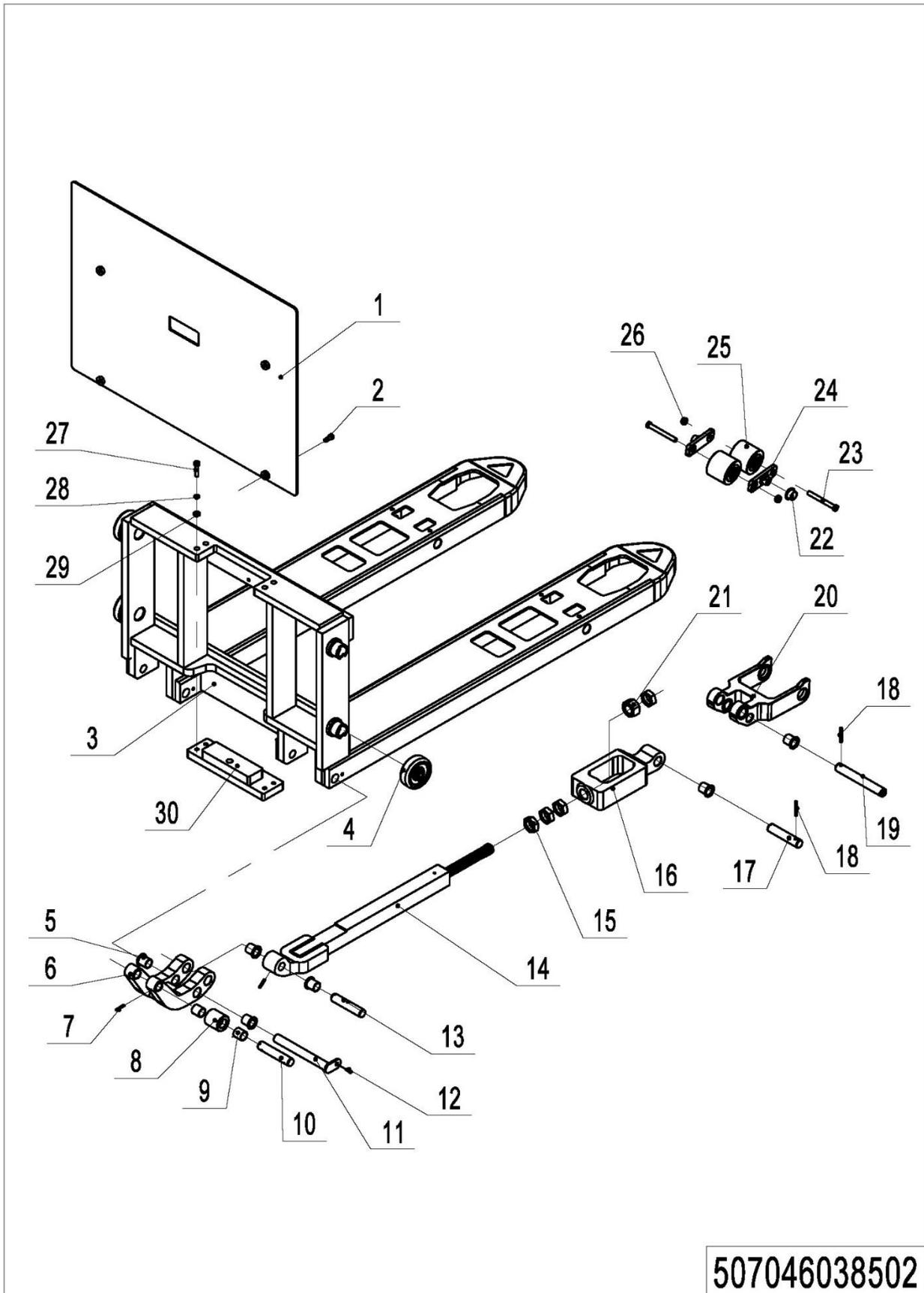
## 02 Truck Body (507046021504) Continuation 2

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
54	507021510001		Mounting base welding	1		
55	507021520021		Roof Plate	1		
56	910400500007	1	Spring Washer	4		
57	910200200076	1	Screw	4		
58	941100100006		Screw	2		
59	507021510002		Intermediate Hood	1		
60	940600400001		Dust Cover	1		
61	505621520025		Protective Cover	1		
62	941100100003		Screw	4		
63	507021520022		Shields	1		
64	941100100002		Screw	2		

**03 Fork lift assembly (507046038502)**

## 03 Fork lift assembly (507046038502)

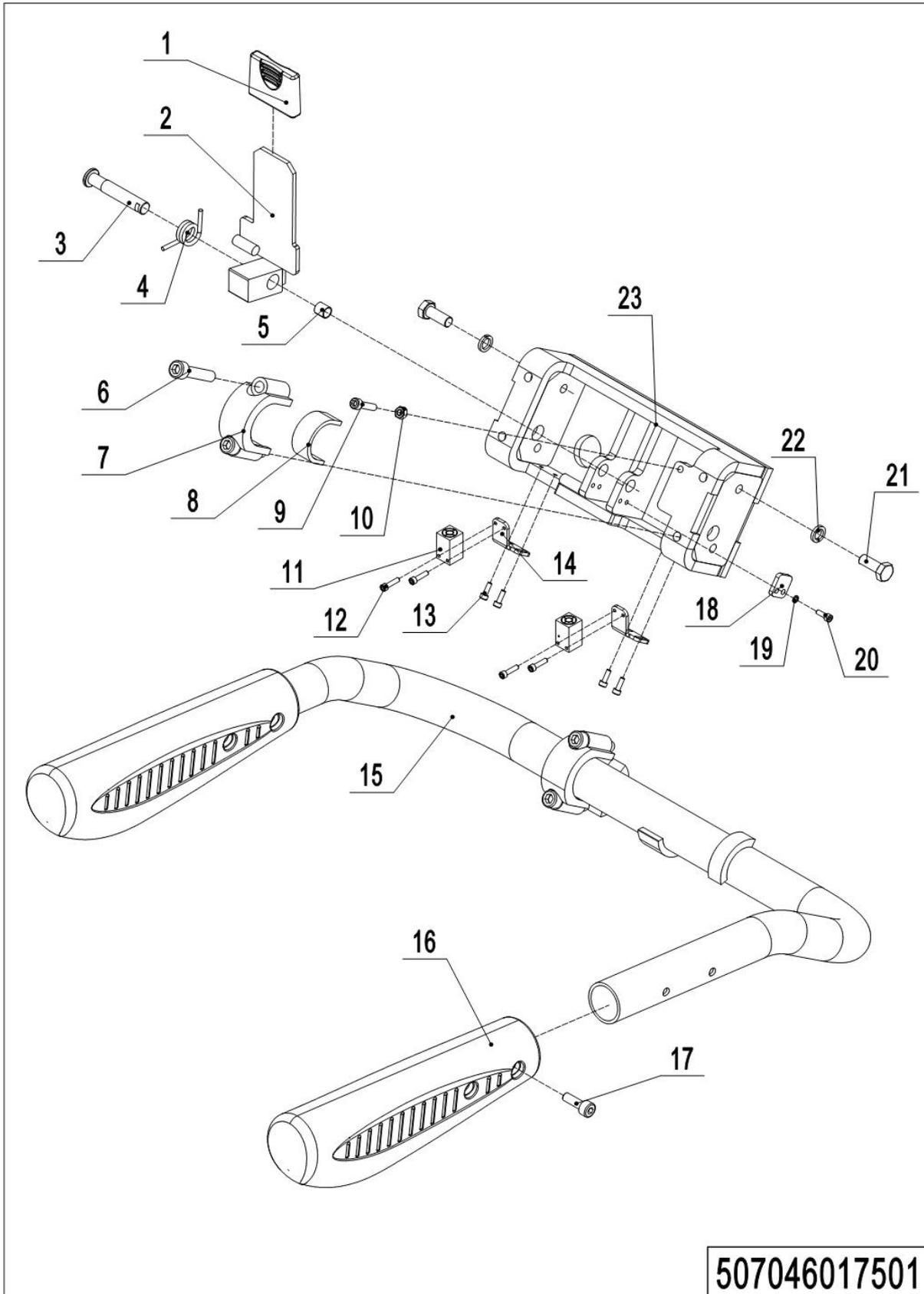
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	507038510062		Sealing Plate	1		
2	910200200035	1	Screw	4		
3	507038510025		Welding of fork	1		685x1150
3	507038510027		Welding of fork	1		560x1150
3	507038510031		Welding of fork	1		540x1150
3	507038510028		Welding of fork	1		685x1220
3	507038510030		Welding of fork	1		560x1220
3	507038510037		Welding of fork	1		685x1400
3	507038510039		Welding of fork	1		560x1400
3	507038510034		Welding of fork	1		685x1500
3	507038510036		Welding of fork	1		560x1500
3	507038510040		Welding of fork	1		685x1600
3	507038510042		Welding of fork	1		560x1600
3	507038510043		Welding of fork	1		685x1800
3	507038510045		Welding of fork	1		560x1800
3	507038510046		Welding of fork	1		685x2000
3	507038510048		Welding of fork	1		560x2000
3	507038510032		Welding of fork	1		685x2400
3	507038510049		Welding of fork	1		560x2400
4	940200300008		Compound Roller	4		
5	940500400022		Self-lubricating bearings	16		
6	566538520068		Rib Plate	2		
7	910600500003		Spring Pin	4		
8	566538520056		Roller	2		
9	940500100012		Bushing	4		
10	566538520055		Axle	2		
11	507038510006		Trunnions	2		
12	910200200035	1	Screw	2		
13	566538520053		Axle	4		
14	507098510013		Pull Rod Assembly (1150)	2		

**03 Fork lift assembly (507046038502) Continuation**

507046038502

## 03 Fork lift assembly (507046038501) Continuation

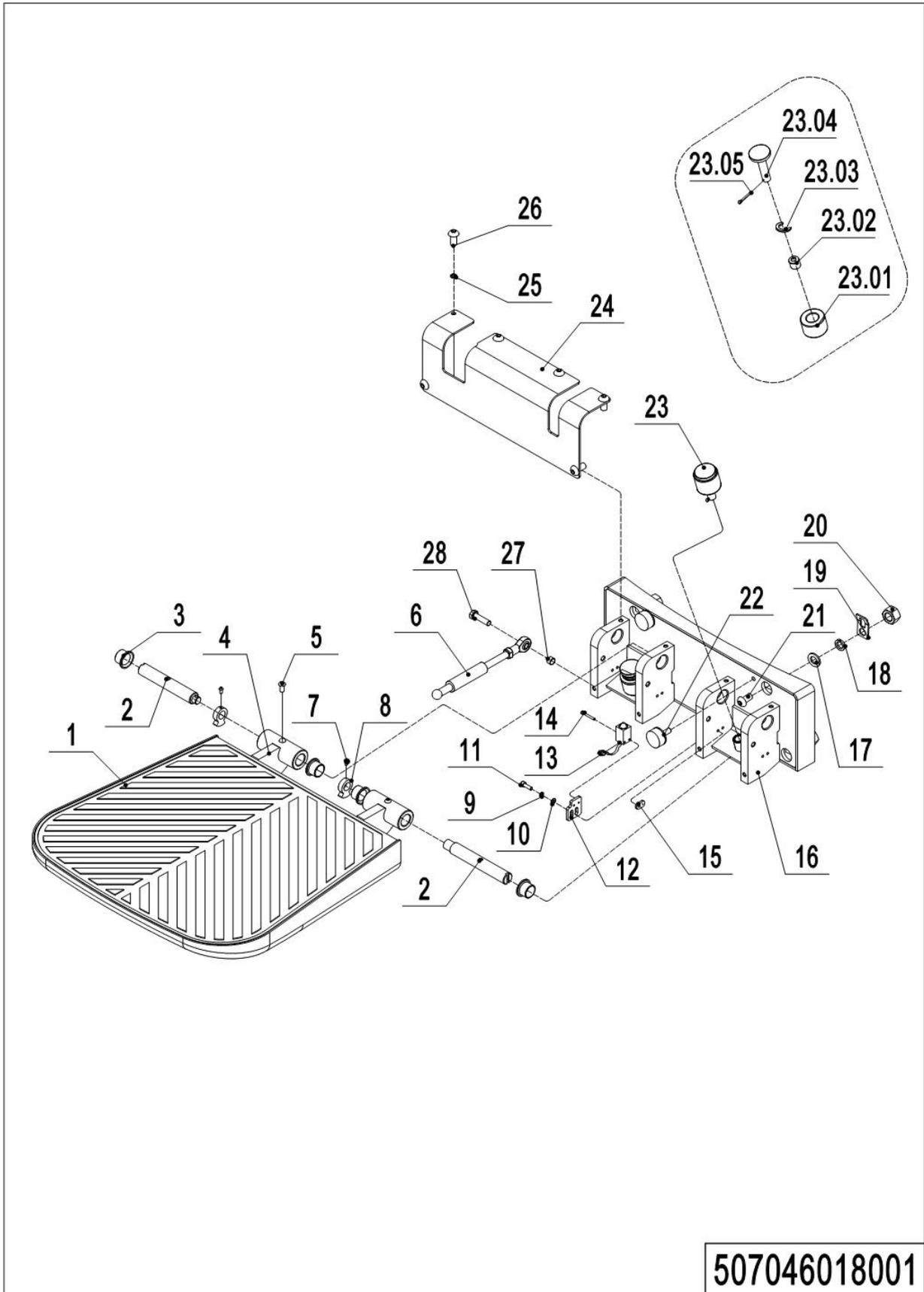
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
14	507098510014		Pull Rod Assembly (1220)	2		
14	507098510015		Pull Rod Assembly (1400)	2		
14	507098510008		Pull Rod Assembly (1500)	2		
14	507098510009		Pull Rod Assembly (1600)	2		
14	507098510010		Pull Rod Assembly (1800)	2		
14	507098510011		Pull Rod Assembly (2000)	2		
14	507098510012		Pull Rod Assembly (2400)	2		
15	910300400011	1	Nut	8		
16	507038520072		Connection block	2		
17	507038520074		Axle	2		
18	910600500005	1	Spring Pin	4		
19	566538520054		Axle	2		
20	507038520073		Riser	2		
21	910300300011	1	Nut	2		
22	940500400023		Self-lubricating bearings	4		
23	504817020005		Screw	4		
24	507017020001		Connecting Plate	4		
25	940300300059		Load Wheel Assembly	4		
26	910300500006		Nut	2		
27	910200200080		Bolt	4		M10x45
28	910400500007		Spring Washer	4		10
29	910400100007		Washer	4		10
30	507038510061		Cylinder mounting plate	1		

**04 Protective arm (507046017501)**

## 04 Protective arm (507046017501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	507017520013		Positioning Sleeve	1		
2	507017510002		Seat welding	1		
3	507017520011		Axles $\Phi$ 12x61	1		
4	507017520001		Torsion spring	1		
5	940500100002		Bushing	2		
6	910200200080	1	Screw	4		
7	505617520005		Fixing Base	2		
8	505617520021		Friction	2		
9	910200200037	1	Screw	1		
10	910300100005		Nut	1		
11	507033510001		Proximity Switch	2		
12	910200500015	1	Screw	4		
13	910200500022	1	Screw	4		
14	507017520000		Mounting Plate	2		
15	507017510001		Arm Welding	1		
16	505617510002		Guard Arm Sleeve	2		
17	910200300025	1	Screw	8		
18	507017520012		Trunnions	1		
19	910400500003	1	Spring Washer	2		
20	910200200014	1	Screw	2		
21	910100300036	1	Bolt	4		
22	910400500007	1	Spring Washer	4		
23	507017510000		Butt welding	1		

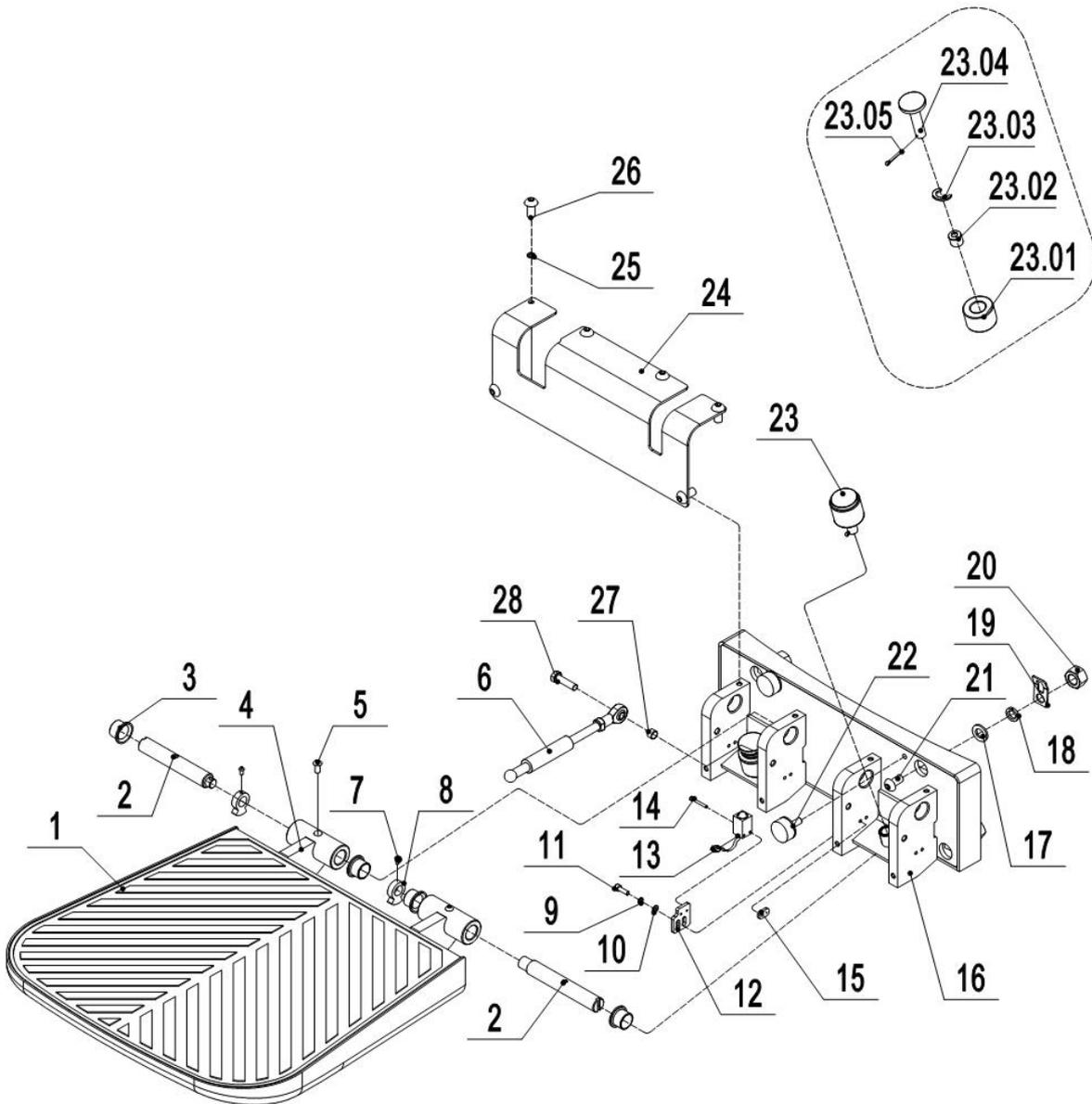
05 Pedals (507046018001)



507046018001

## 05 Pedals (507046018001)

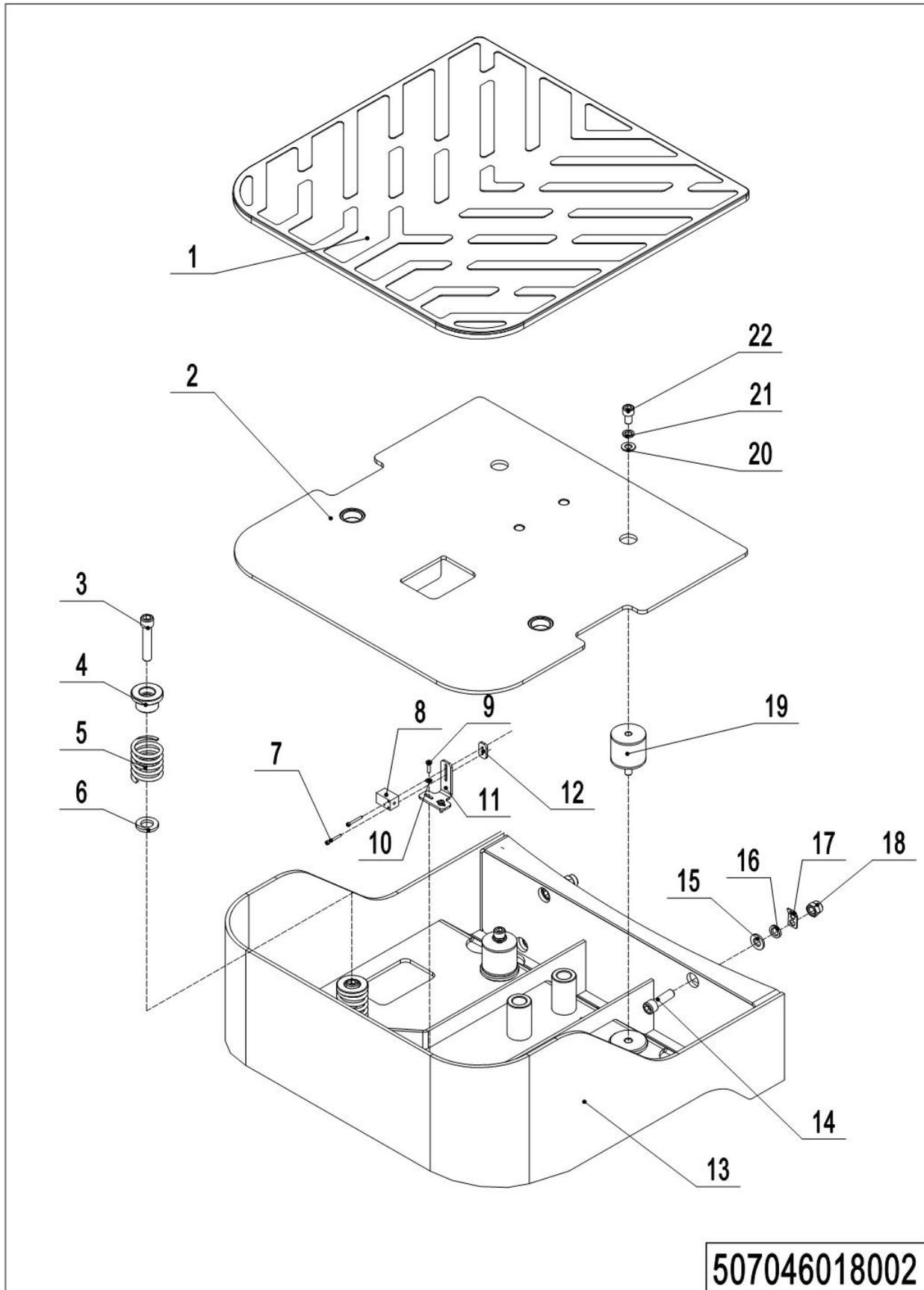
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	505618020018		Rubber Mat	1		
2	505618020017		Pin	2		
3	940500200008		Bushing	4		
4	505618010000		Platform	1		
5	910200300018	1	Screw	2		
6	507018010002		Air Spring	1		
7	910300400006		Nut	1		
8	505618020024		Cam	2		
9	910400500004	1	Spring Washer	4		
10	910400100004	1	Flat Washer	4		
11	910200200023	1	Screw	4		
12	505618020026		Mounting Plate	2		
13	507033510001	2	Proximity Switch	2		
14	910200500015	1	Screw	4		
15	505618020027		Mounting Plate	1		
16	505618010001		Mounting Base	1		
17	910400100008	1	Flat Washer	4		
18	910400500008	1	Spring Washer	4		
19	505618020025		Pipe Clip	1		
20	910300500006	1	Nut	4		
21	910200200100	1	Screw	4		
22	505618020016		Crash Pad	2		
23	505698510002		Buffer Kits	2		
23.01	505618020029		Crash Pad	2		
23.02	505618020030		Sleeve	2		
23.03	505618020032		Pad	2		
23.04	505618020021		Pin	2		
23.05	910600600026	1	Cotter Pin	2		
24	505618020019		Protective Cover	1		
25	910400500005	1	Spring Washer	6		

**05 Pedals (507046018001) Continuation**

507046018001

## 05 Pedals (507046018001) Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
26	910200300017	1	Screw	6		
27	505618020028		Spacer Bush	1		
28	910100300024	1	Bolt	1		
--	507098510003		Pedal Assembly	1		

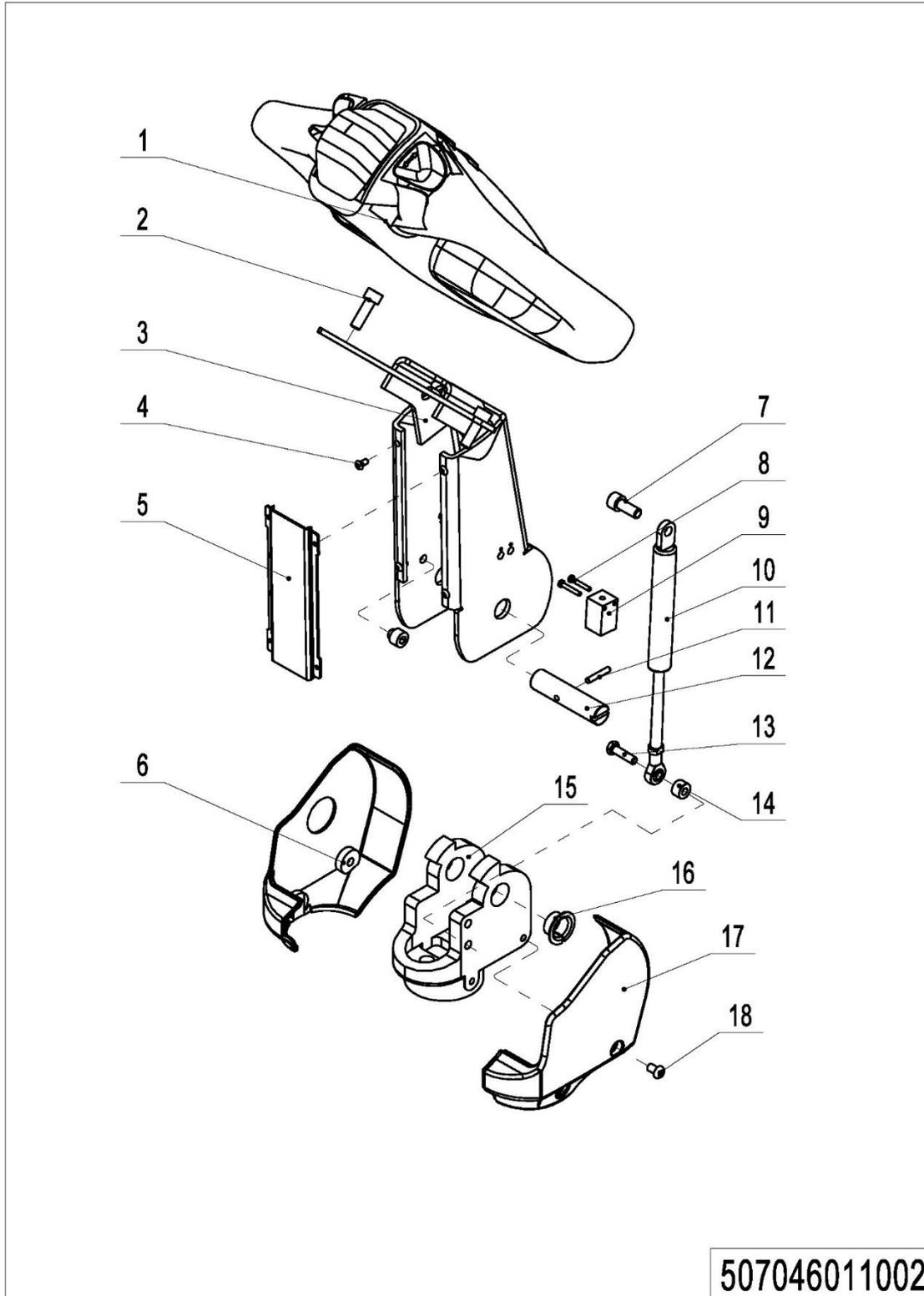
**06 Bib Pedal (507046018002)**

## 06 Bib Pedal (507046018002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	505618020018		Rubber Mat	1		
2	507018010000		Pedal bonding	1		
3	910200300045		Screw	2		
4	507018020002		Upper Spring seat	2		
5	940400500004		Spring	2		
6	507018020003		Nylon Sleeve	2		
7	910200500016		Screw	2		
8	507033510005	2	Proximity Switch	1		
9	910200500022		Screw	2		
10	910400100003		Flat Washer	2		
11	507018020001		Mounting Plate	1		
12	509021520054		Mounting Plate	1		
13	507018010001		Mounting base welding	1		
14	910200200100	1	Screw	4		
15	910400100008	1	Flat Washer	4		
16	910400500008	1	Spring Washer	4		
17	505618020025		Pipe Clip	1		
18	910300500006	1	Nut	4		
19	566518020088		Shock Absorber	2		
20	910400100007	1	Flat Washer	2		
21	910400500007	1	Spring Washer	2		
22	910200200074		Screw	2		

## Chapter 4: Steering System, Braking System, Wheels

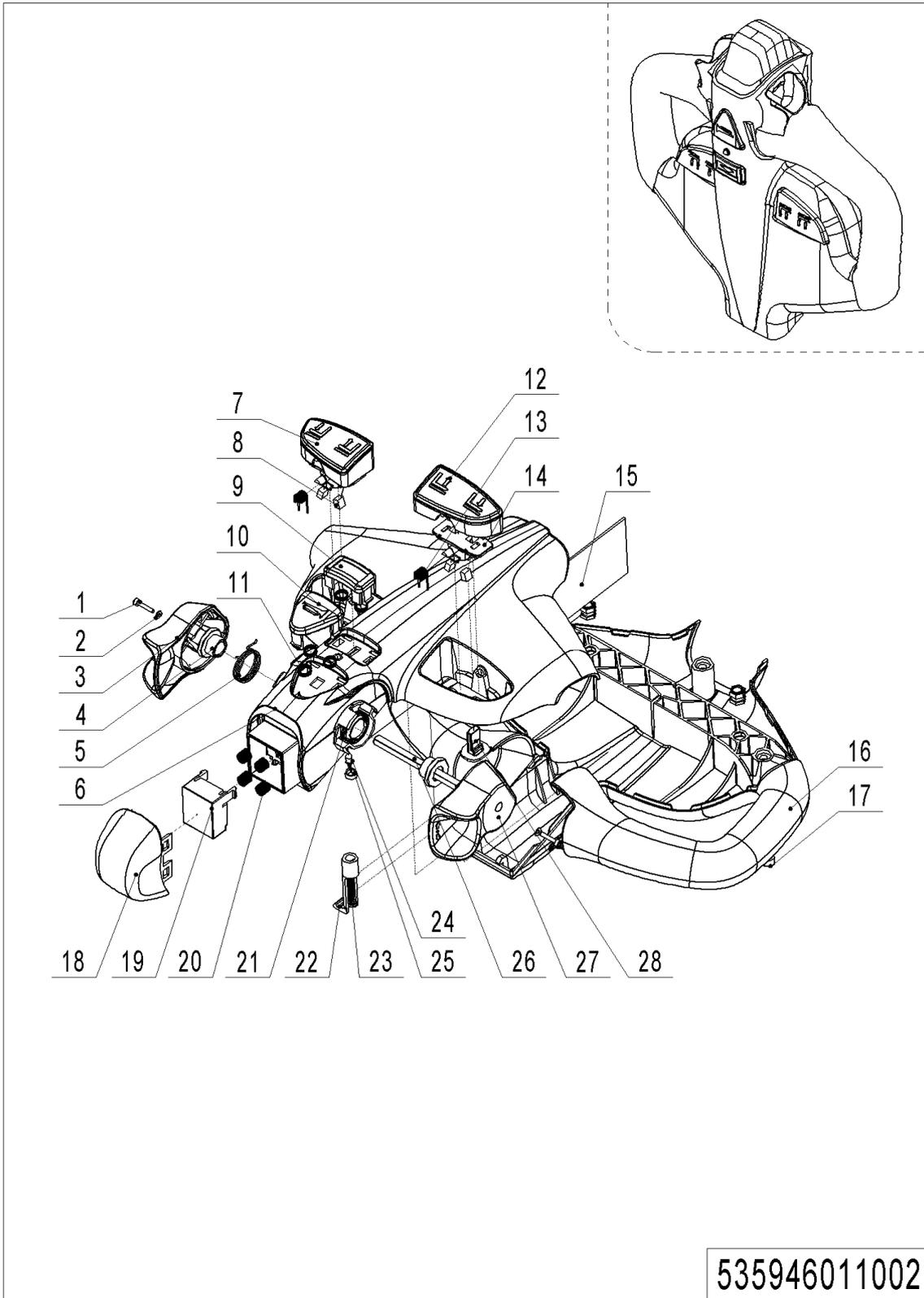
### 01 Tiller assembly (535946011002)



## 01 Tiller assembly (535946011002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	922100100001	3	Tiller	1		REMA
1	922100100012		Tiller	1		DT
1	922100100001		Tiller	1	922100100099	REMA-EN1175
2	910200200058	1	Screw	2		
3	535911010001	2	Tiller bar	1		
4	910200300005	1	Screw	4		
5	535911020008		Close Plate	1		
6	535911020005		Protective Cover	1		
7	910200200057	1	Screw	1		
8	910200500015	1	Screw	2		
9	506733510002		Proximity Switch	1		
10	535911010004		Air Spring	1		
11	910600400013	1	Spring Pin	1		
12	505611020008		Axle	1		
13	910100300024		Bolt	1		M8x30
14	502911020025		Transition sleeve	1		
15	535911020009		Bracket	1		
16	940500200002		Bushing	2		
17	535911020006		Protective Cover	1		
18	910200200032	1	Screw	4		

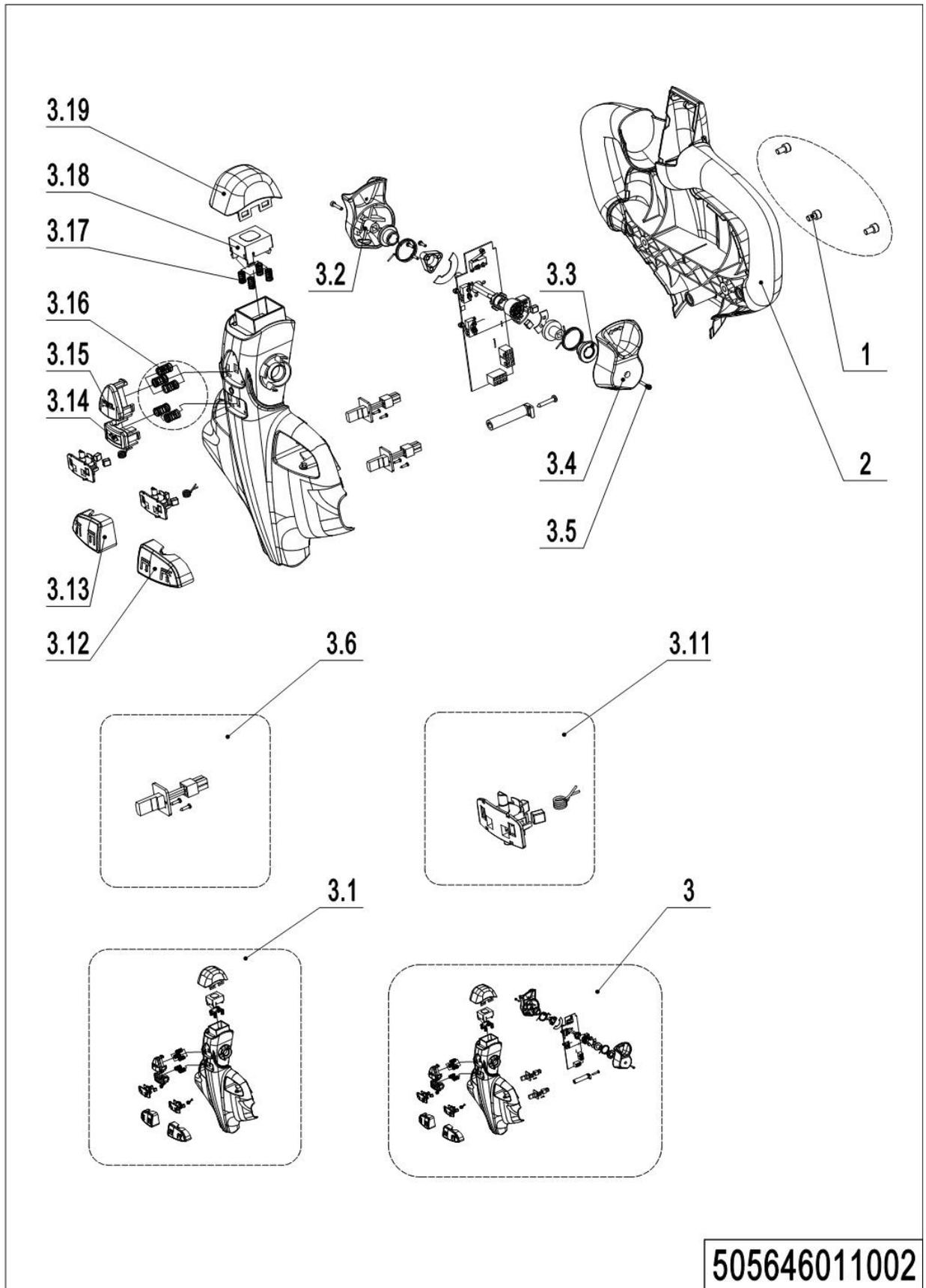
**02 Tiller (535946011002)**



## 02 Tiller (535946011002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	922100100001		Tiller	1		
1	505698520008		Screw	2		
2	505698520009		Washer	2		
3	505698520001		Traction lever	1		
4	505698520004		Sleeve	2		
5	505698520027		Torsional Spring	1		
6	505698520014		Handle Cap	1		
7	505698520016		Button cap	1		
8	505698520005		Magnet	4		
9	505698520021		Button Cap	1		
10	505698520002		Horn Button	1		
11	505698520003		Spring	5		
12	505698520022		Button Cap	1		
13	505698520018		Torsional Spring	2		
14	505698520017		Fixing Base	2		
15	505698520028		Circuit Board	1		
16	505698520015		Handle Cap	1		
17	505698520007		Screw	3		
18	505698520020		Button Cap-	1		
19	505698520019		Pedestal	1		
20	505698520006		Spring	4		
21	505698520026		Torsional Spring	1		
22	505698520012		Clamp	1		
23	505698520023		Screw	1		
24	505698520024		Light	1		
25	505698520025		Lamp Holder	1		
26	505698520011		Axle-Traction lever	1		
27	505698520010		Traction lever	1		
28	505698520013		Sensor	2		

### 03 Tiller (505646011002)



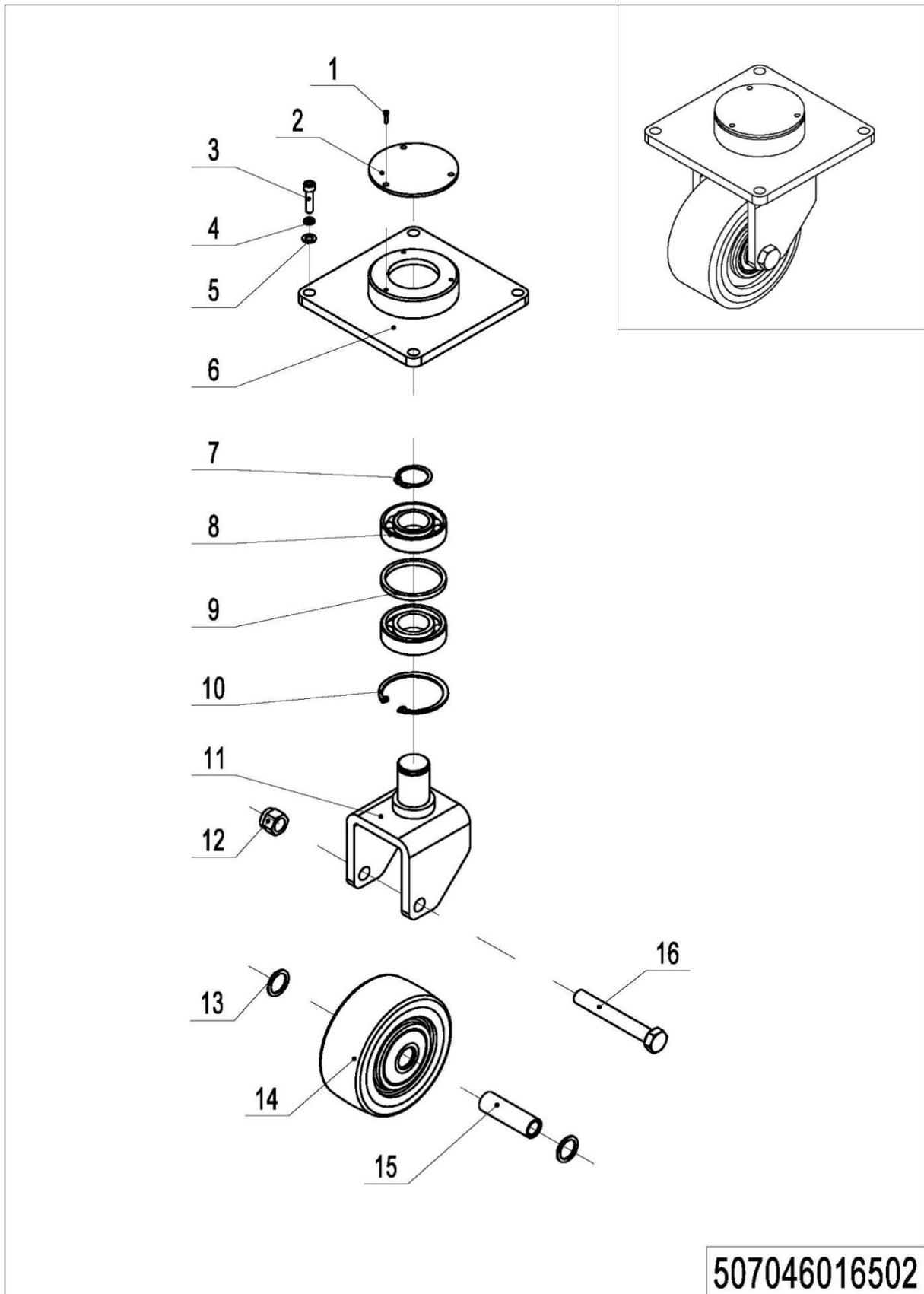
## 03 Tiller (505646011002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200032	1	Screw	3		M6×10
2	505698520124	2	Handle Cap	1		
3	505698510024	2	Handle Cap Kit	1		
3.1	505698510021	2	Handle Cap Kit	1		
3.11	505698510023	2	Sensor	1		
3.12	505698520113	2	Button	1		
3.13	505698520114	2	Button	1		
3.14	505698520115	2	Button	1		
3.15	505698520116	2	Button	1		
3.16	505698520117	2	Spring	5		
3.17	505698520118	2	Spring	4		
3.18	505698520119	2	Cover	1		
3.19	505698520120	2	Cover	1		
3.2	505698520121	2	Traction lever	1		
3.3	505698520122	2	Sleeve	2		
3.4	505698520123	2	Traction lever	1		
3.5	910200200004	1	Screw	2		M3×16
3.6	505698510022	2	Magnetic Steel Base Kit	1		
--	922100100012		Tiller	1		



## 04 Tiller (EN1175-2020) (535946011010)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
—	922100100001		Tiller (EN1175-2020)	1	922100100099	TZ2025067
1	505698520016		Button cap	1		
2	505698520005		Magnet	4		
3	505698520018		Torsional Spring	2		
4	505698520008		Screw	2		
5	505698520001		Traction lever	1		
6	505698520004		Sleeve	2		
7	505698520027		Torsional Spring	1		
8	505698520009		Flat Washer	2		
9	505698520003		Spring	5		
10	505698520099		Handle Cap	1		
11	505698520006		Spring	4		
12	505698520020		Button Cap-	1		
13	505698520100		Pedestal	1		
14	505698520012		Clamp	1		
15	505698520023		Screw	1		
16	505698520102		Stent	2		
17	505698520024		Light	1		
18	505698520025		Lamp Holder	1		
19	505698520026		Torsional Spring	1		
20	505698520011		Axle-Traction lever	1		
21	505698520010		Traction lever	1		
22	505698520007		Screw	3		
23	505698520015		Handle Cap	1		
24	505698520013		Sensor	2		
25	505698520101		Circuit Board	1		
26	505698520002		Horn Button	1		
27	505698520017		Fixing Base	2		
28	505698520021		Button Cap	1		
29	505698520022		Button Cap	1		

**05 Balance Wheel Assembly (507046016502)**

## 05 Balance Wheel Assembly (507046016502)

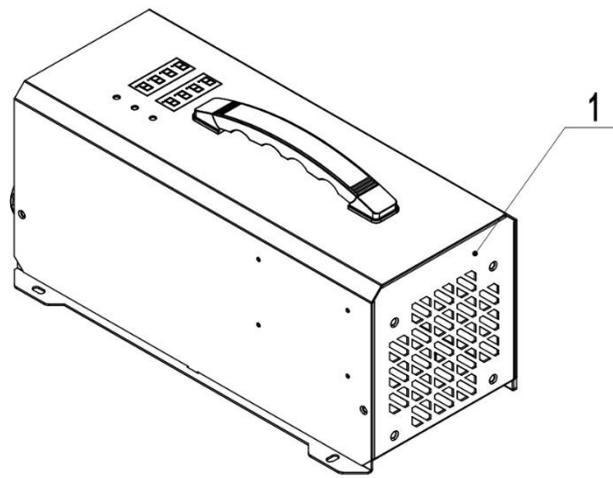
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	507016510002		Balance Wheel Assembly	2		
1	910200200012	1	Screw	6		
2	507016520001		Dust Cover	2		
3	910200200077	1	Screw	8		
4	910400500007	1	Spring Washer	8		
5	910400100007	1	Flat Washer	8		
6	507016510001		Bearing seat welding	2		
7	910401300016	1	Circlip	2		
8	910700400004		Bearing	4		
9	532616520001		Check Ring	2		
10	910401400018	1	Circlip	2		
11	532616510001		Wheel Carrier	2		
12	910300500007	1	Nut	2		
13	940600500014		Washer	2		
14	940300300077		Wheel set	2		
15	532616520003		Bushing	2		
16	910100100069	1	Blot	2		M14x100



## 01 Display Assembly (507046010001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200500016	1	Screw	2		
2	505698520029	2	Button	1		
3	910300100002	1	Nut	2		
4	921100100094	2	Battery Indicator	1		
4	921100100135	2	Battery Indicator	1		<b>EN1175</b>
5	505634010001	2	Key Switch	1		
6	505698520031	2	Key	1		
7	505610020000		Panel	1		
8	910200400010	1	Screw	2		
9	505610020001		Fixing Plate	1		
10	910201300001	1	Screw	4		
11	920200100011	2	Emergency Button	1		
12	920200100001	2	Emergency Button	1		

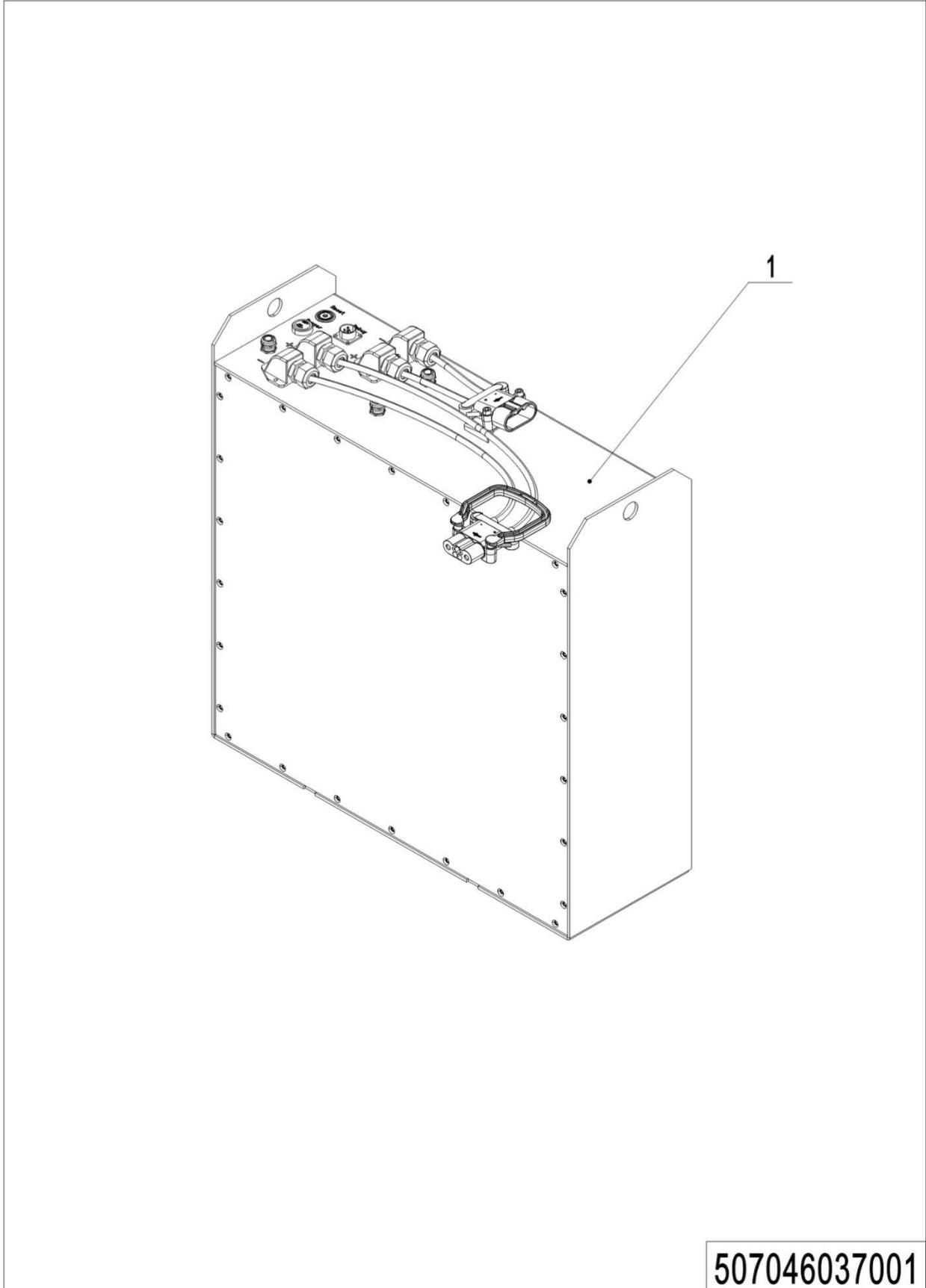
**02 Chargers (507046036501)**



507046036501

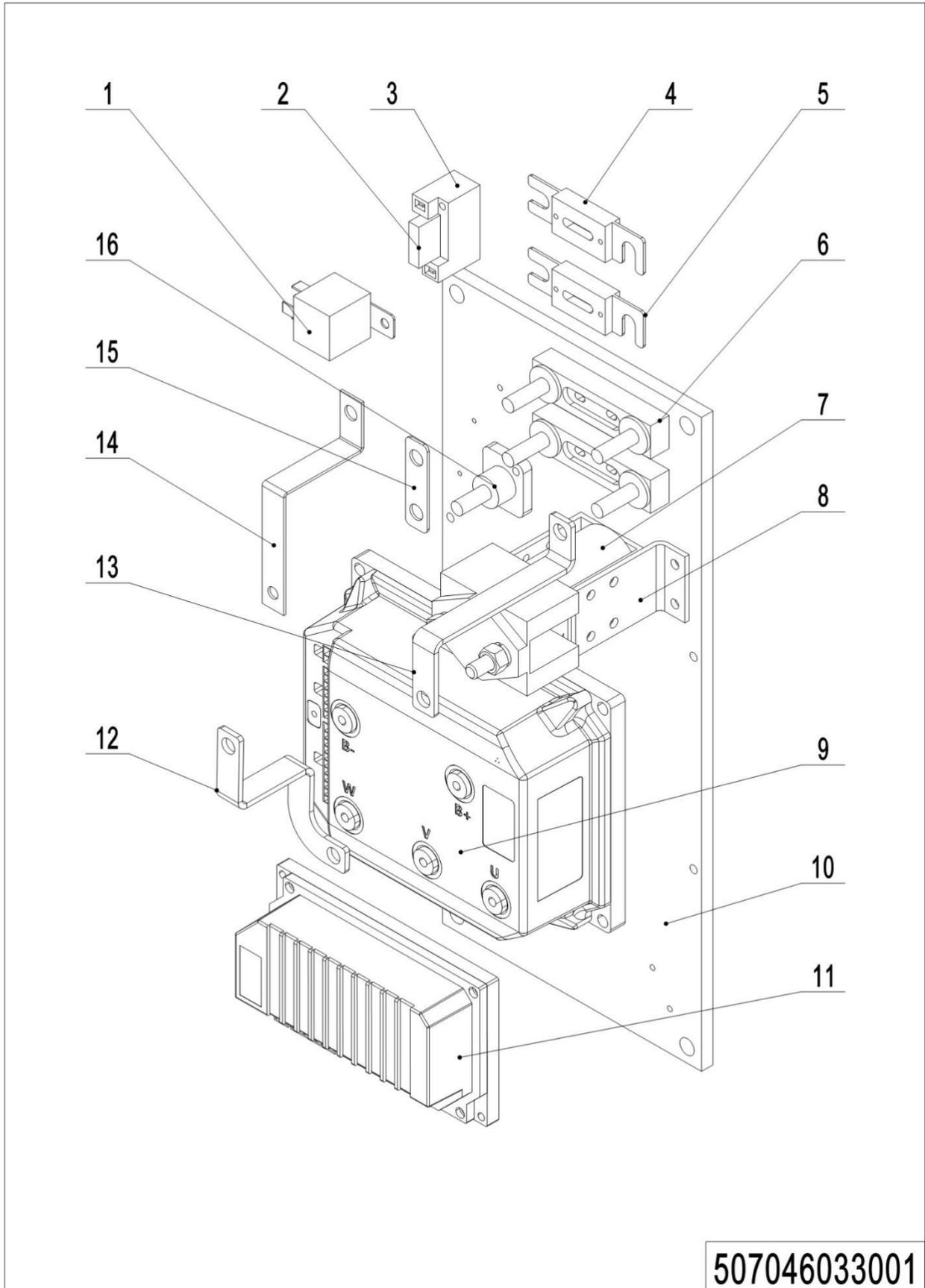
## 02 Chargers (507046036501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921000200531	2	Charger 24V80A	1		Asia-CHN
1	921000200532	2	Charger 24V80A	1		Asia-EN
1	921000200533	2	Charger 24V80A	1		European
1	921000200534	2	Charger 24V80A	1		EN
1	921000200535	2	Charger 24V80A	1		AUS
1	921000200536	2	Charger 24V80A	1		Israel
1	921000200537	2	Charger 24V80A	1		ARG
1	921000200538	2	Charger 24V80A	1		South Africa
1	921000200539	2	Charger 24V80A	1		USA

**03 Lithium battery (507046037001)****507046037001**

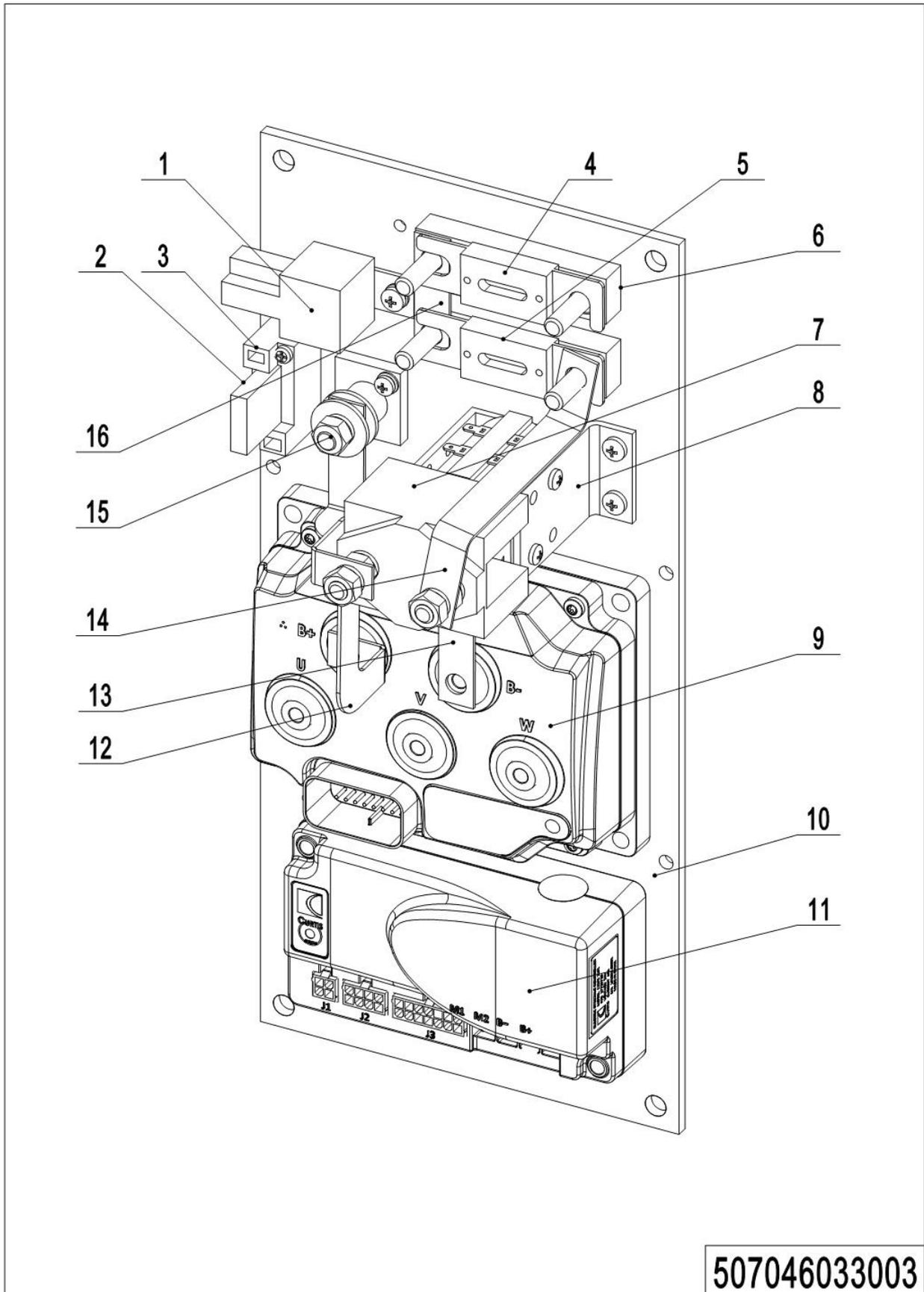
## 03 Lithium battery (507046037001)

<b>No.</b>	<b>Item Code</b>	<b>Mark</b>	<b>Item Description</b>	<b>Qty.</b>	<b>Substitute</b>	<b>Note</b>
1	920600100938		Lithium battery	1		24V175Ah
1	920600100948		Lithium battery	1		24V306Ah
1	920600100762		Lithium battery	1		24V150Ah
1	920600100921		Lithium battery	1		24V200Ah

**04 Electronic Control Unit (507046033001)**

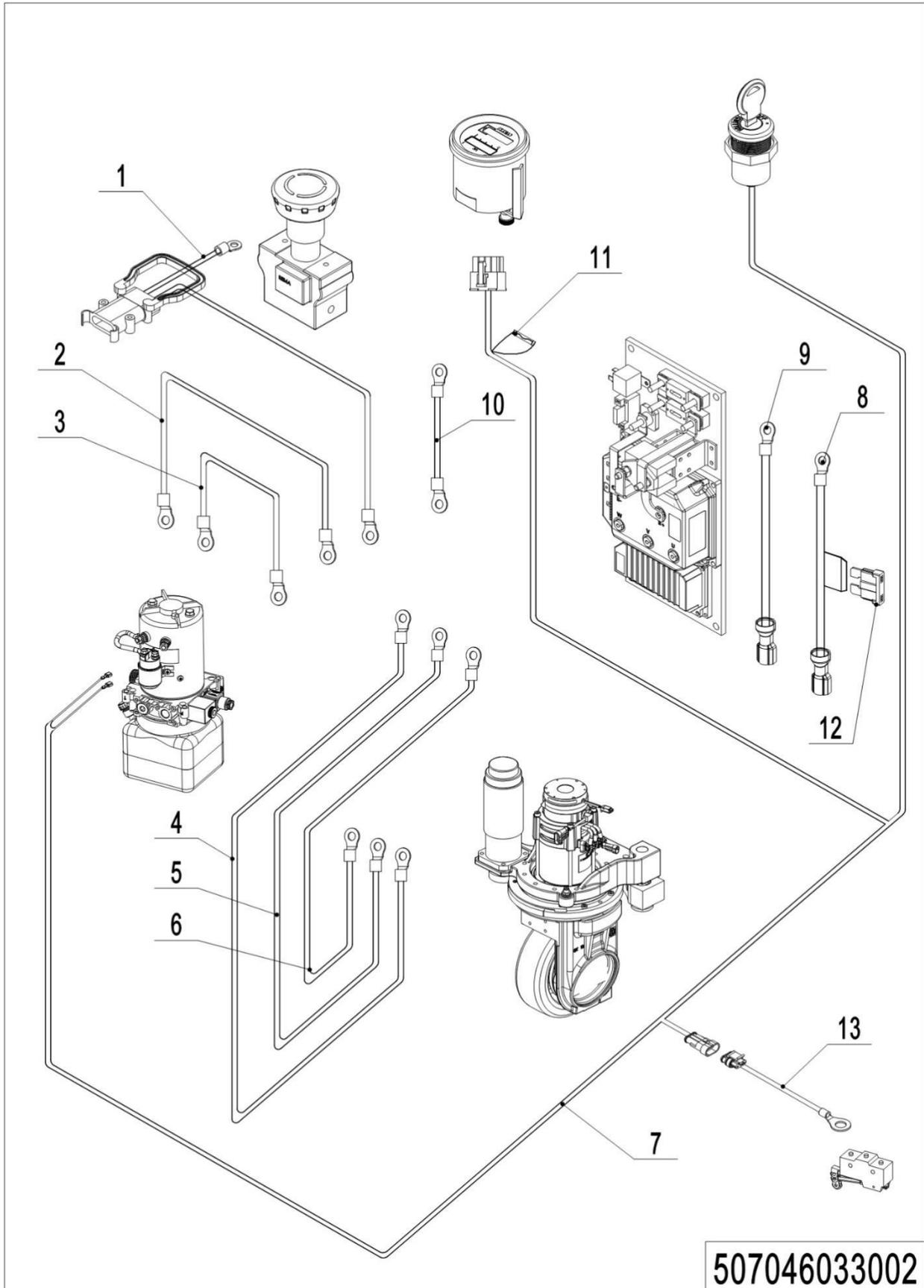
## 04 Electronic Control Unit (507046033001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920800100011	2	Relay	1		
2	920100200002	2	Fuse	1		
3	920100400005	2	Fuse Holder	1		
4	920100100004	2	Fuse	1		PPK-200
4	920100100007	2	Fuse	1		PPK-250/300
5	920100100013	2	Fuse 350A	1		
6	920100400002	2	Fuse Holder	2		
7	920700100018	2	Contactactor	1		
8	921300400004		Holder	1		
9	507033010190	2	Controller LVM24S35H	1		Fixed platform
9	507033010192	2	Controller LVM24S35H	1		Foldable platform
9	507033010194	2	Controller LVM24S35H	1		Great Encirclement
10	507021520024		Mounting Plate	1		
11	507033010196	2	Controller	1		QT
12	507033020001		Copper Busbar	1		
13	535933020003		Copper Busbar	1		
14	505633020000		Copper Busbar	1		
15	505633020003		Copper Busbar	1		
16	920100400001		Fuse Holder	1		

**05 Electronic Control Unit (507046033003)**

## 05 Electronic Control Unit (507046033003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920800100011	2	Relay	1		
2	920100200002	2	Fuse 10A	1		
3	920100400005	2	Fuse Holder	1		
4	920100100004	2	Fuse 80A	1		
5	920100100024	2	Fuse 250A	1		
6	920100400002	2	Fuse Holder	2		
7	920700100018	2	Contacto	1		
8	921300400004		Holder	1		
9	507033210024	2	Controller AC-F2-A-24-280-	1		
9	507033210026		Controller AC-F2-A-24-280-	1		20CE
10	507021520024		Mounting Plate	1		
11	507033010202	2	Controller 1220E-2401	1		
12	507033020006		Copper Busbar	1		
13	507033020007		Copper Busbar	1		
14	535933020003		Copper Busbar	1		
15	920100400006		Fuse Holder	1		
16	505633020003		Copper Busbar	1		

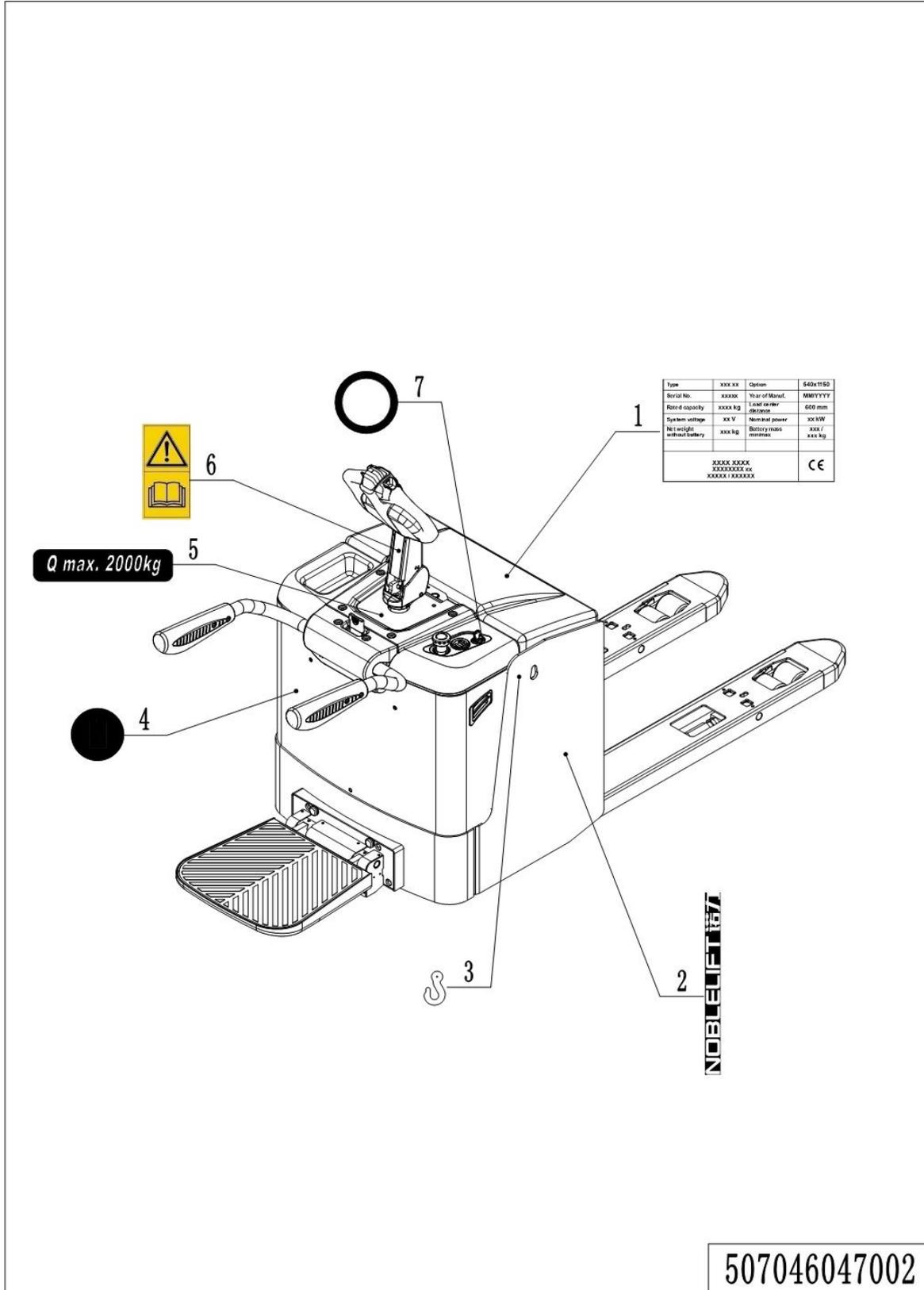
**06 Electrical wiring harness (507046033002)**

## 06 Electrical wiring harness (507046033002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	507033010040	2	Total power harness	1		
1	507033010041	2	Total power harness	1		Li
2	507033010006	2	Wire cable	1		P1+
2	507033010037		Wire cable			FP
3	507033010007	2	Wire cable	1		P-
4	507033010047	2	Wire cable	1		UT (QT)
4	507033010044	2	Wire cable	1		TU (F2A)
5	507033010048	2	Wire cable	1		VT (QT)
5	507033010045	2	Wire cable	1		TV (F2A)
6	507033010049	2	Wire cable	1		WT (QT)
6	507033010046	2	Wire cable	1		TW (F2A)
7	507033010011	2	Master Control Harness	1		QT EPS
7	507033010170	2	Master Control Harness	1		QT
7	507033010030	2	Master Control Harness	1		F2A+1220E, 20CE
7	507033010043	2	Master Control Harness	1		F2A+1220E DBW, 20CE
7	507033010163	2	Master Control Harness			F2A+1220E+DZZN
8	507033010016	2	Harness	1		
8	507033010038	2	Harness	1		
9	507033010009	2	Harness	1		EPS B2-
10	507033010015	2	Wire cable	1		FU
11	920100300001	2	Fuse	1		
12	920100200013	2	Fuse 30A	1		
13	507033010026	2	Limit Harness	1		QT
13	507033010032	2	Limit Harness	1		F2A

## Chapter 6: Others

## 01 Labels and Decals (507046047002)

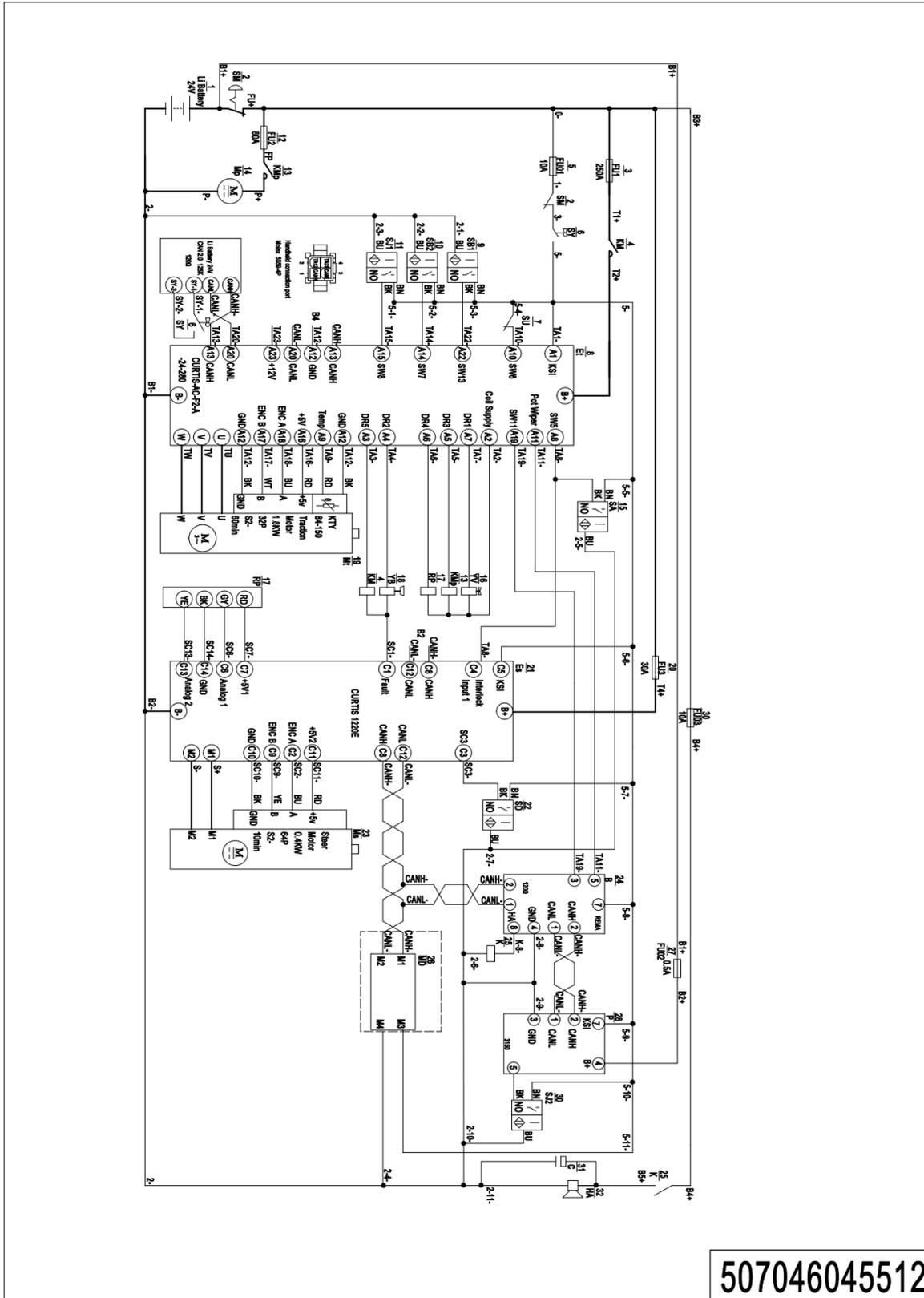


## 01 Labels and Decals (506746047002)

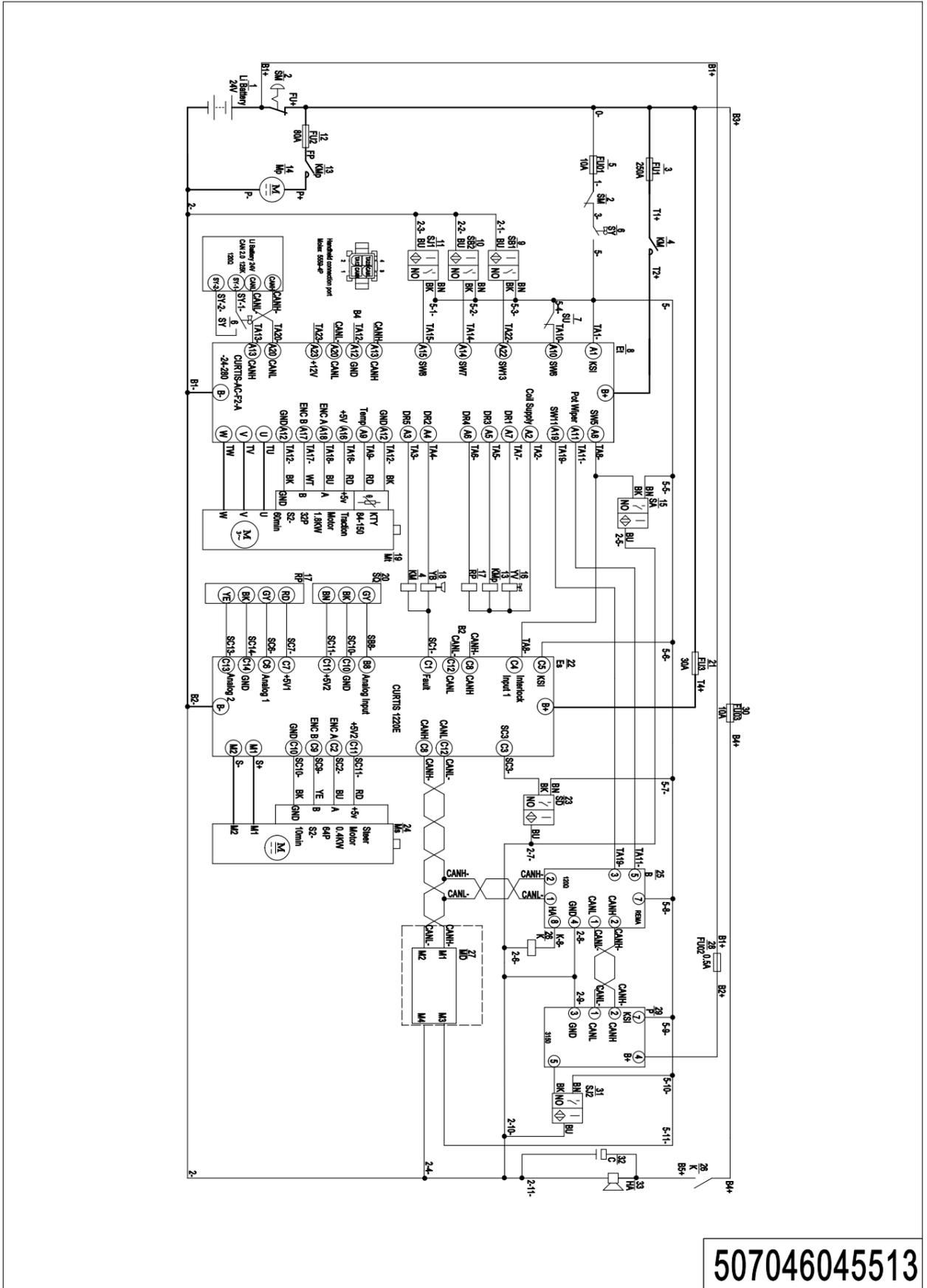
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	507047020005		Truck data plate	1		PPK-200
1	507047020006		Truck data plate	1		PPK-250
1	507047020007		Truck data plate	1		PPK-300
2	941200500001		Label	2		
3	941200300001		Label	2		
4	941200300003		Label	1		
5	941200200010		Label	1		PPK-200
5	941200200011		Label	1		PPK-250
5	941200200013		Label	1		PPK-300
6	941200300001		Label	1		
7	941200400013		Label	1		

# Appendix

## 01 Electrical Circuit Diagram, F2A+1220E+DZZN Fixed platform (507046045512)

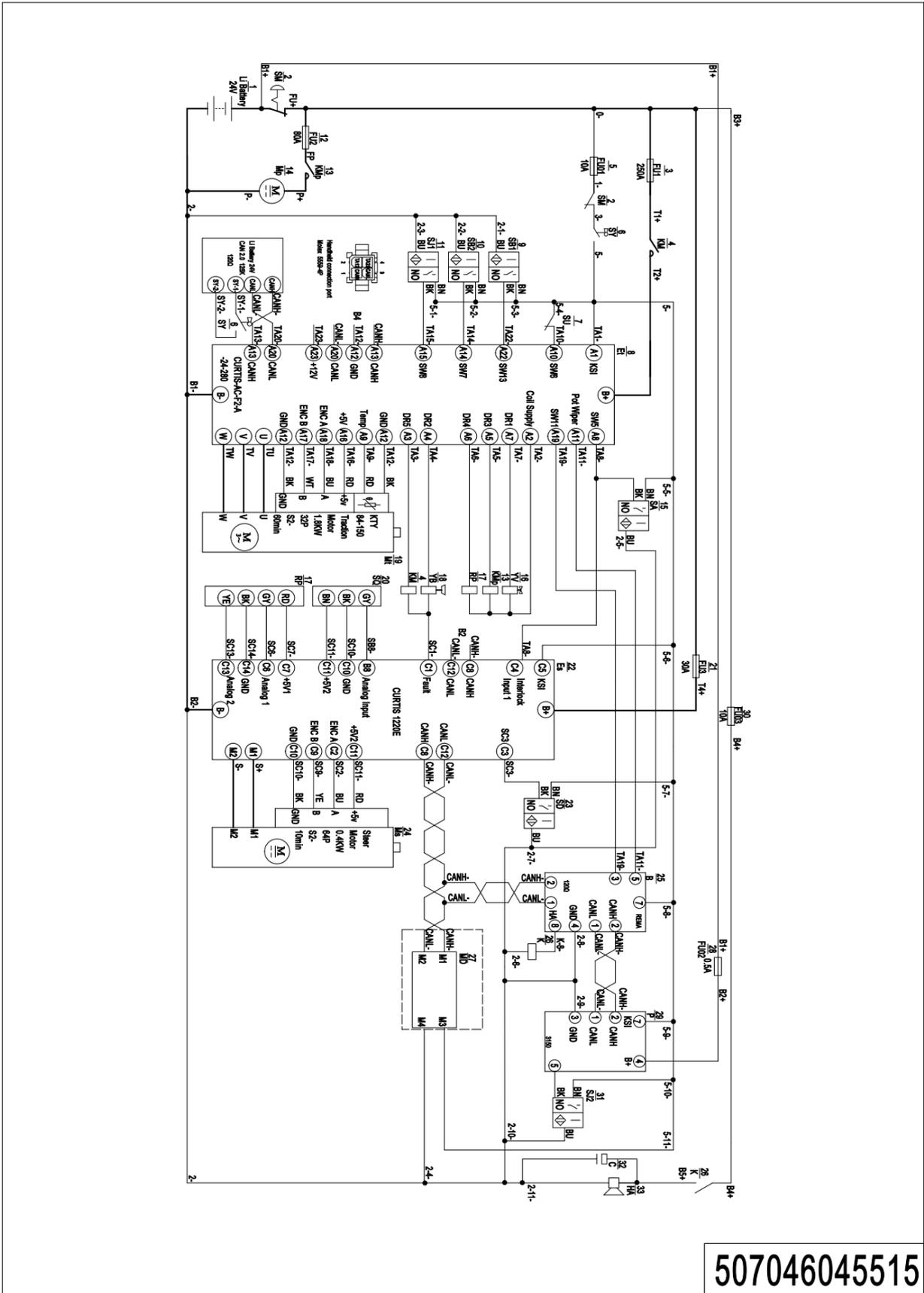


02 Electrical Circuit Diagram, F2A+1220E+DZZN Fixed platform 20CE (507046045513)





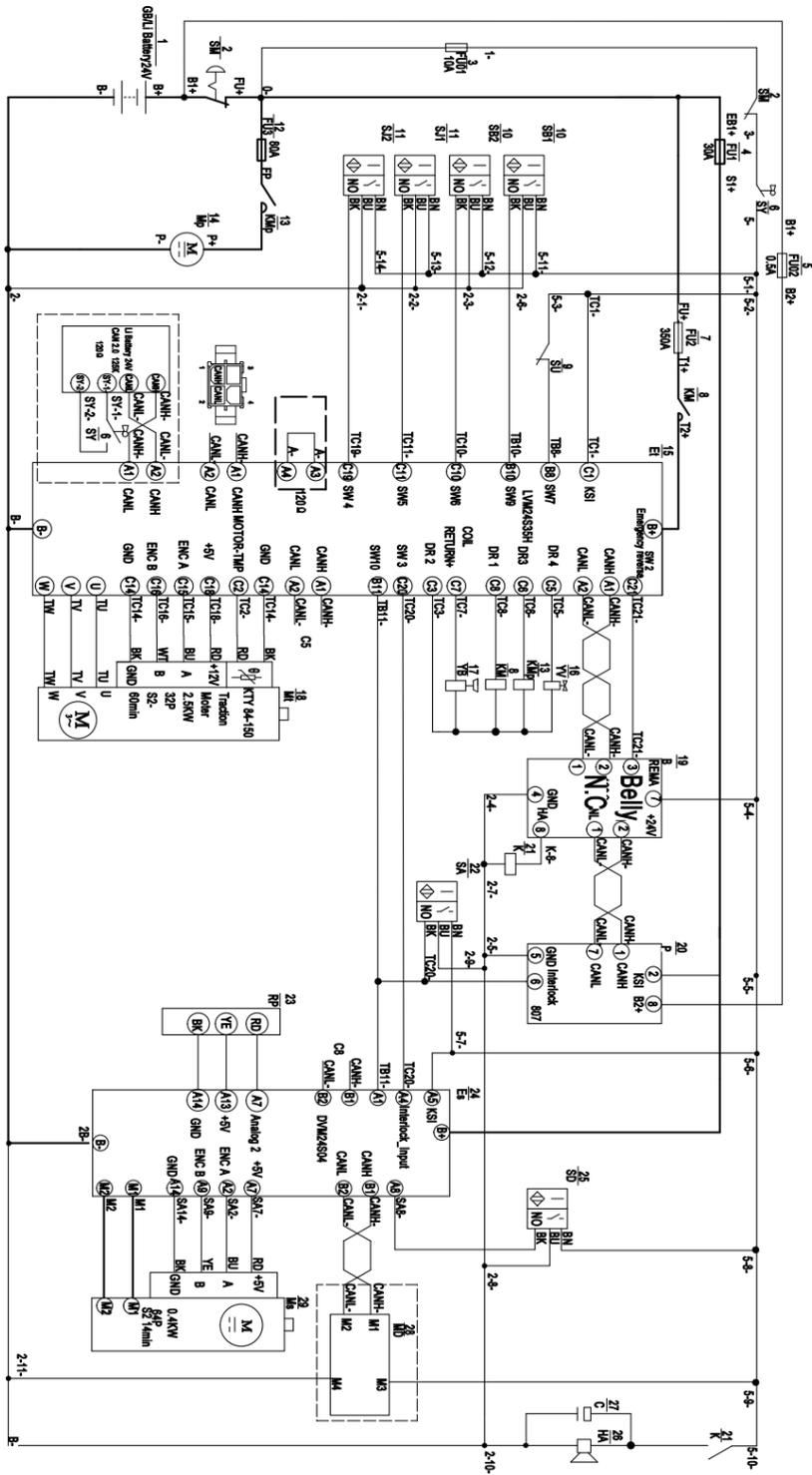
04 Electrical Circuit Diagram, F2A+1220E+DZZN Foldable platform 20CE (507046045515)



507046045515

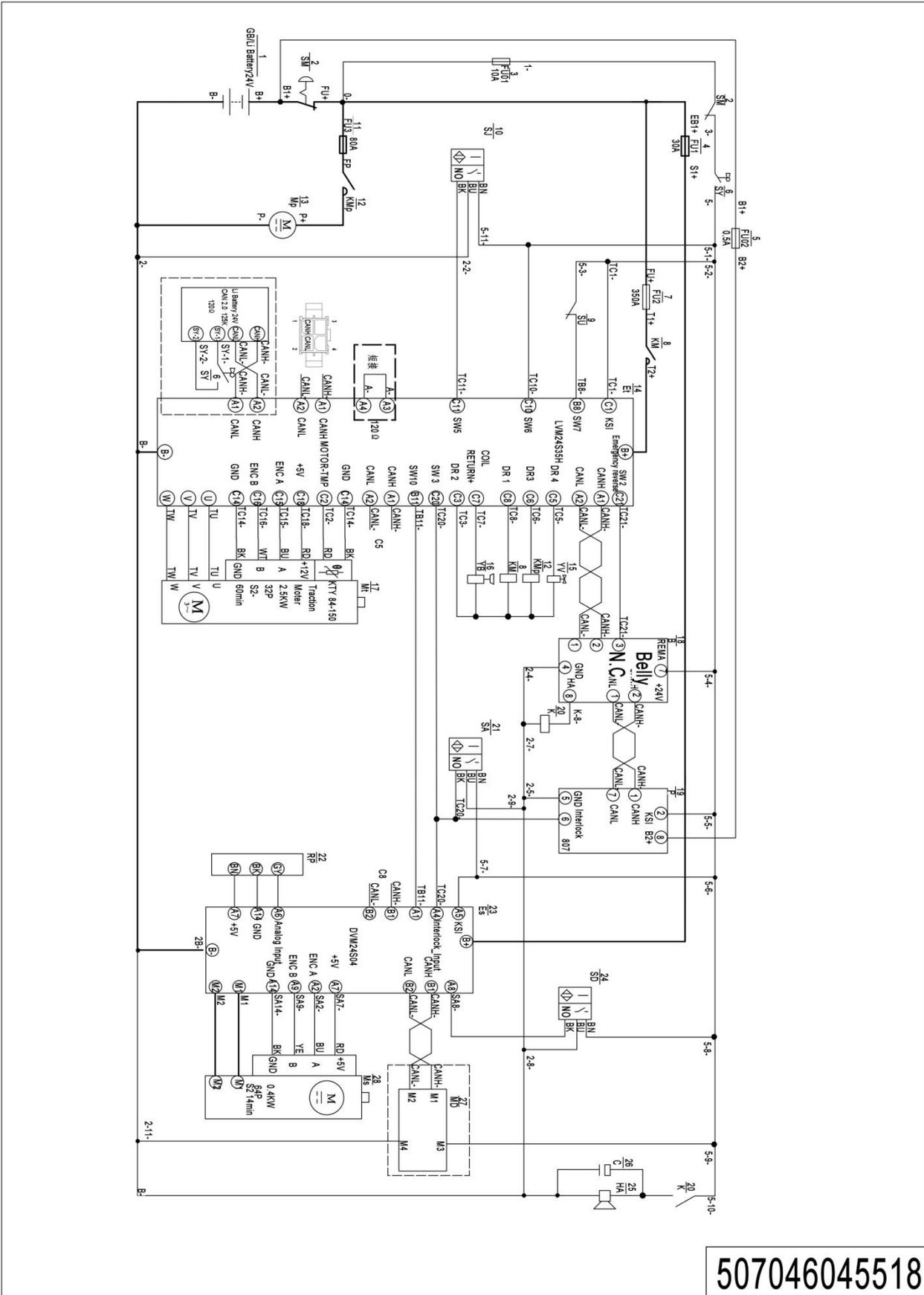


06 Electrical Circuit Diagram, LVM24S25+DVM24S04 Foldable platform (507046045517)

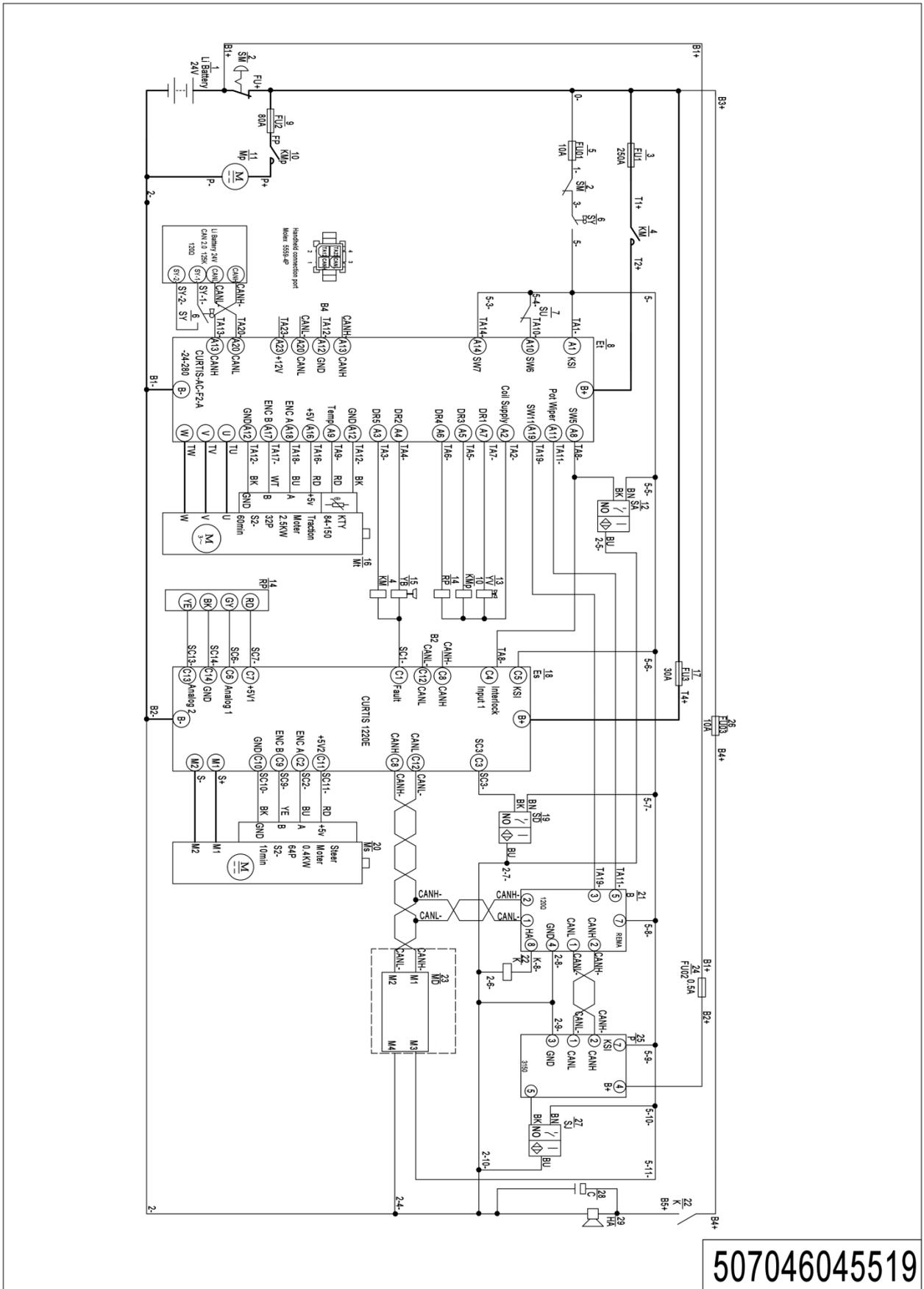


507046045517

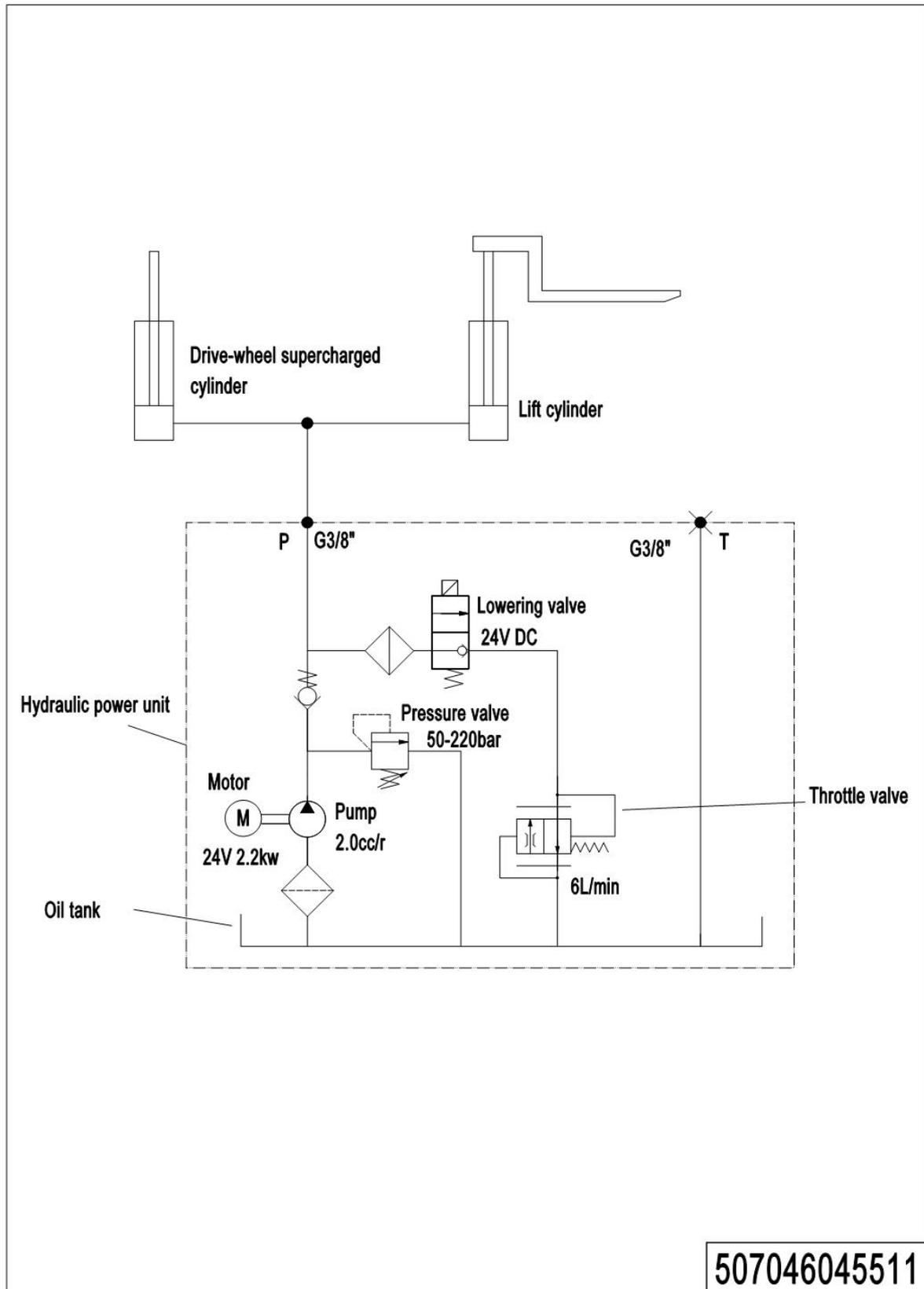
07 Electrical Circuit Diagram LVM24S35H+DVM24S04 Great Encirclement(507046045518)



08 Electrical Circuit Diagram F2A+1220E+DZZN Great Encirclement (507046045519)



## 09 Hydraulic schematic (507046045511)



**10 Consumable Parts List**

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	961001500014	WheelΦ250x80	1	Chapter 1/02/9
2	505798510001	Seal Kit	1	Chapter 2/01/13.02
3	506098510001	Seal Kit		Chapter 2/02/13.02
4	940300300059	WheelΦ82x70	4	Chapter 3/03/25
5	507018010002	Air Spring	1	Chapter 3/05/6
6	940400100045	Air Spring	1	Chapter 4/01/13
7	940300300077	WheelΦ125x50	2	Chapter 4/04/14
8	920100200002	Fuse	1	Chapter 5/04/2、Chapter 5/05/2
9	920100100004	Fuse	1	Chapter 5/04/4、Chapter 5/05/4
10	920100100005	Fuse	1	Chapter 5/04/4、Chapter 5/05/4
11	920100100024	Fuse 250A	1	Chapter 5/05/5
12	920100100013	Fuse 350A	1	Chapter 5/04/5