

Print Number:

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NOBLELIFT

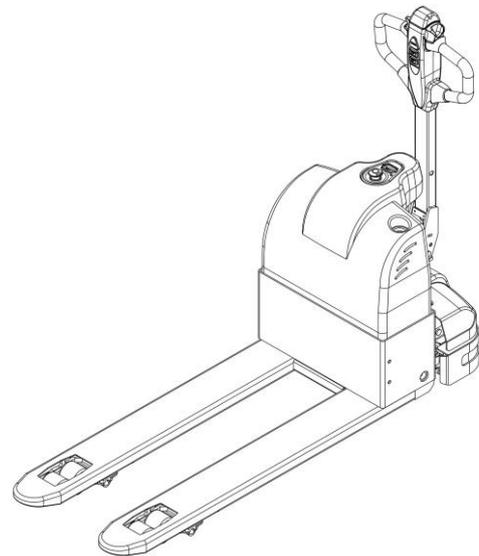


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Electric Pallet Truck EPT15

PARTS MANUAL

502346010201



Version: V01

Truck Identification Number From:

Parts Manual: EPT15W(2020)-PM01EN

Please order spare parts from authorized dealers of Noblelift Intelligent Equipment Co., LTD.

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 Noblelift 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.

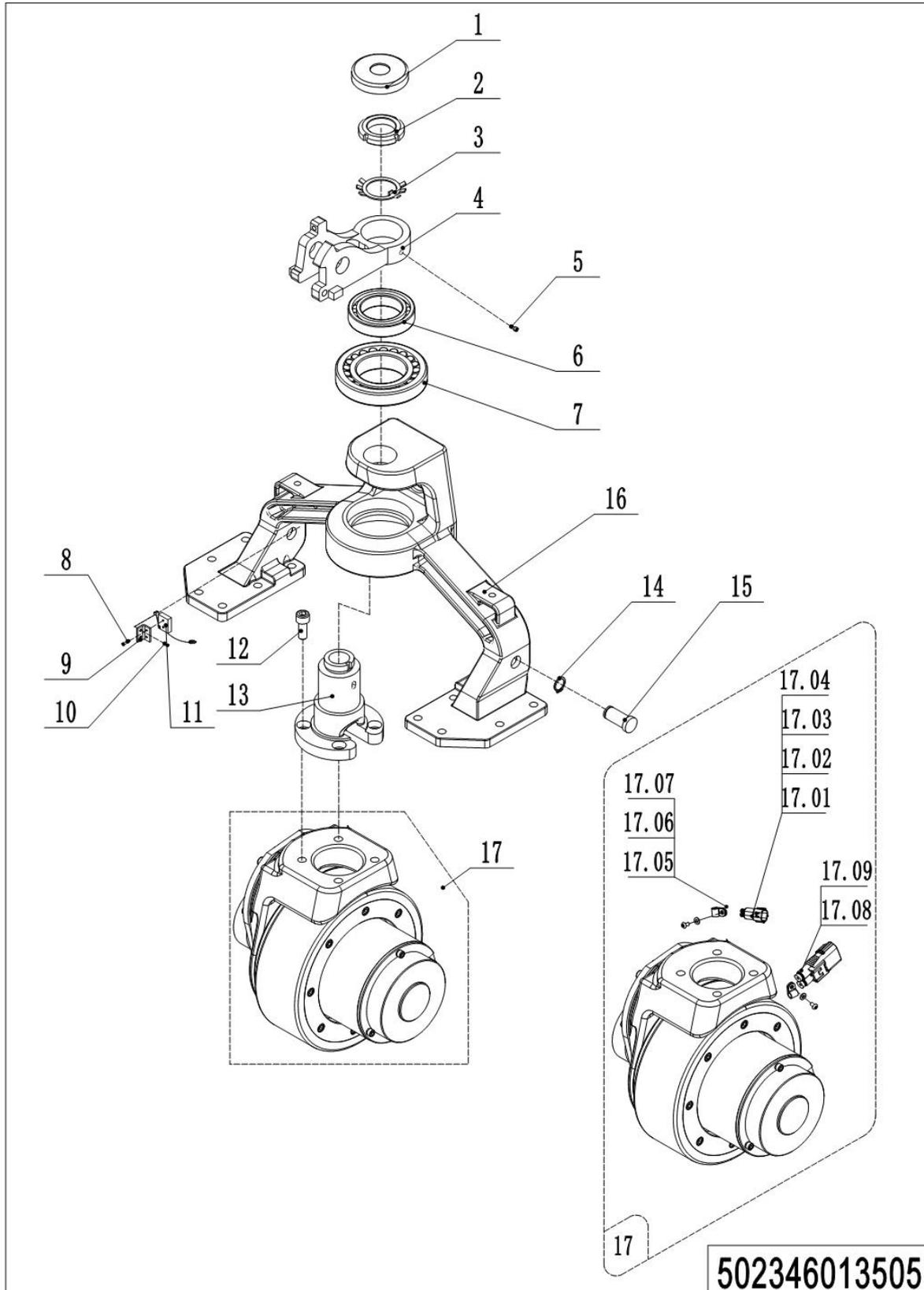
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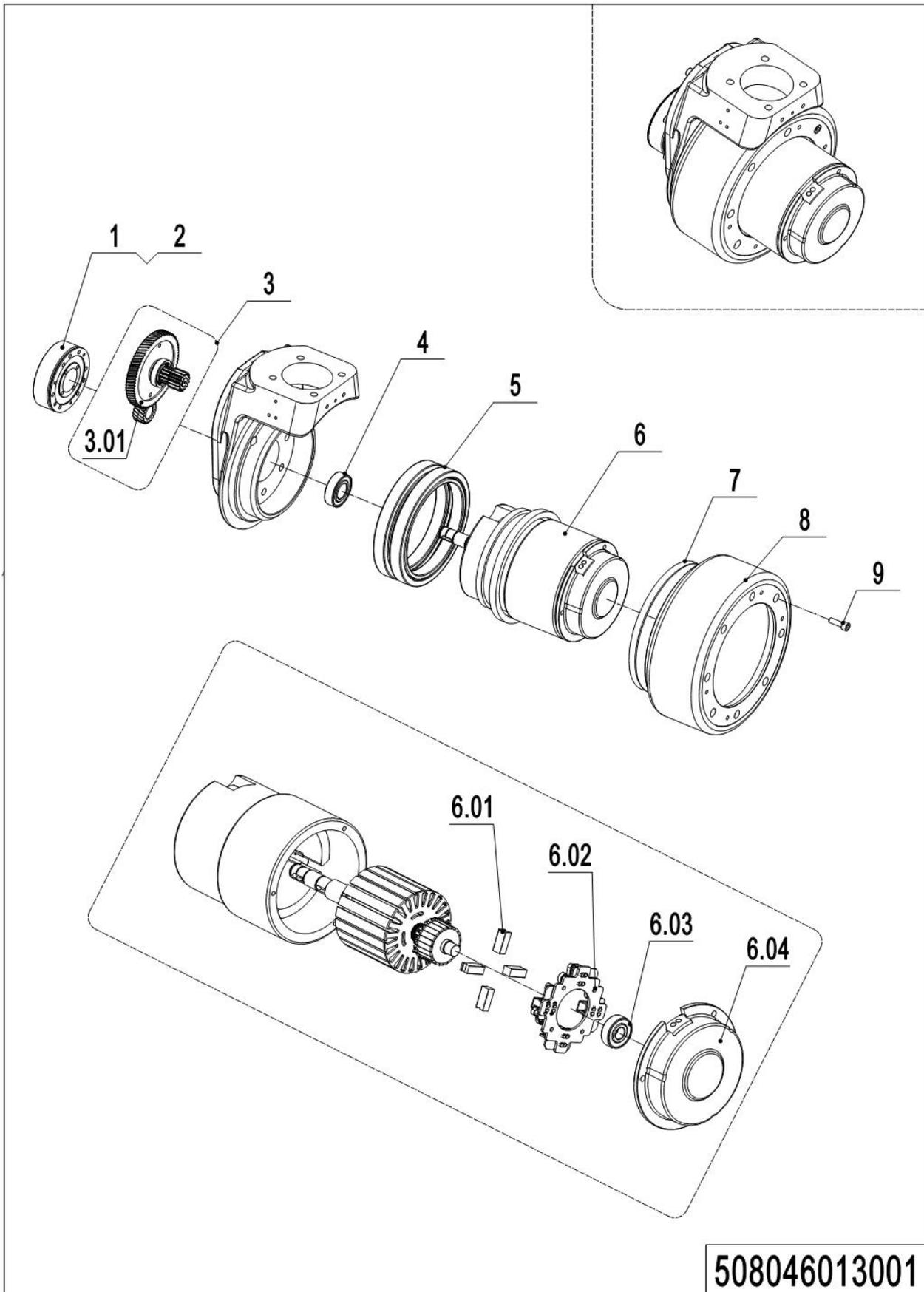
Chapter 1: Drive System

01 Drive Unit Steering (502346013505)



01 Drive Unit Steering (502346013505)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502313520009	2	Jacket	1		
2	910300800007	2	Nut	1		
3	910400900007	2	Lock Washer	1		
4	502313520001	2	Bracket	1		
5	910200200035	1	Screw	1		
6	910700200009	2	Bearing	1		
7	910700600006	2	Bearing	1		
8	910200500003	1	Screw	2		
9	502313520004	2	Mounting Plate	1		
10	910200500021	1	Screw	2		
11	502313510002		Microswitch	1		
12	910200200076	1	Screw	4		
13	502313520003	2	Flange	1		
14	910401300007	1	Circlip	2		
15	502338520037	2	Pin	2		
16	502313510000	2	Wheel Mount	1		
16	502313520025	2	Wheel Mount	1		
17	508098510014		Drive Unit	1		
17.01	920400200004	1	Connector	1		
17.02	920400200003	1	Connector	1		
17.03	920400200017	1	Connector	2		
17.04	920400200018	1	Connector	2		
17.05	910200700001	1	Screw	2		
17.06	910400100003	1	Flat Washer	2		
17.07	921300200001		Cable Clamp	2		
17.08	920400200152	1	Connector	1		
17.09	920400200172	1	Connector	2		

02 Drive Assembly(508046013001)

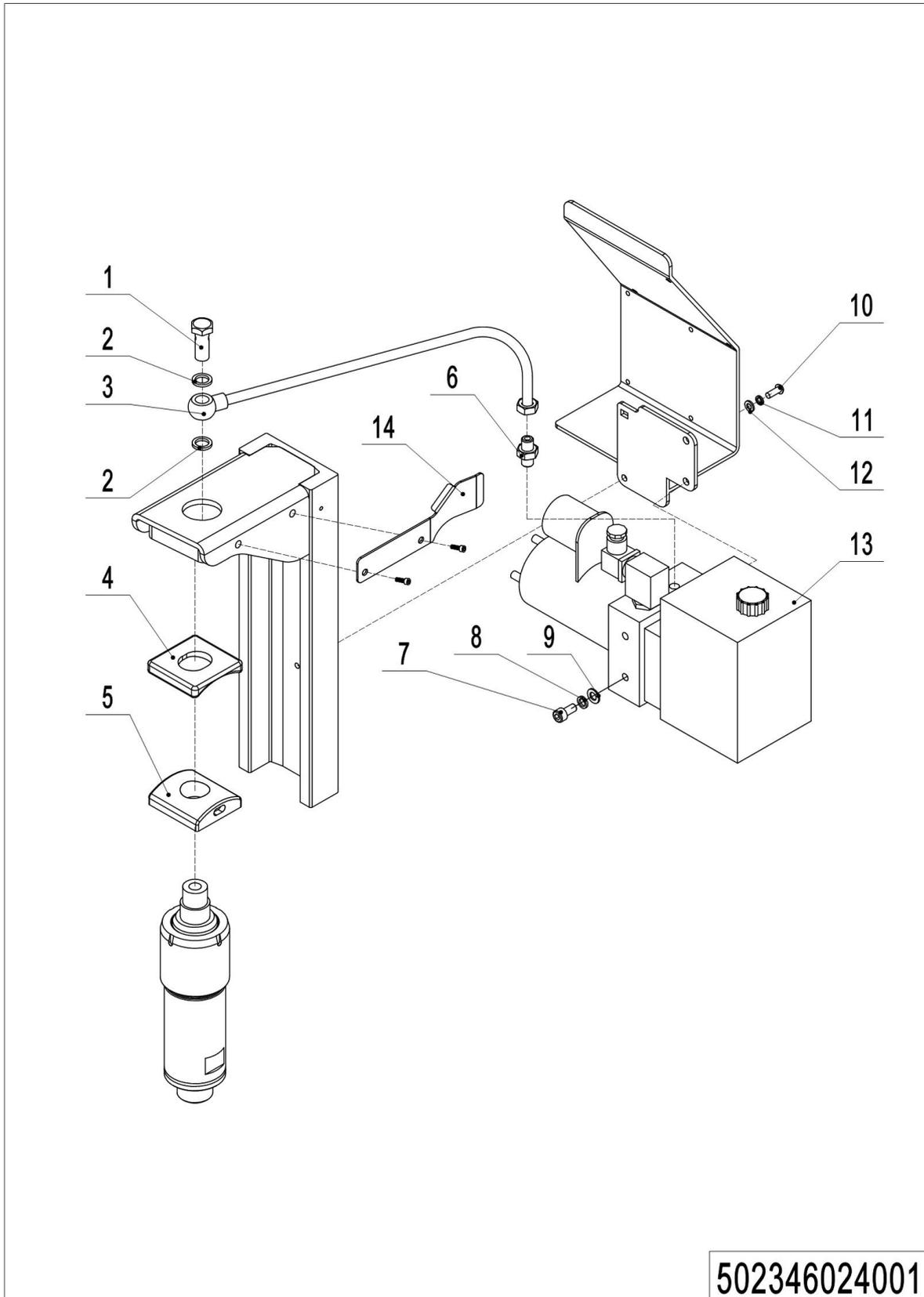
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

02 Drive Assembly (508046013001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	508098520002	2	Brake	1		
2	508098520040		Rubber Strip	1		
3	508098510015	2	Gear Components	1		
3.01	508098520004		Gear	1		
4	910700200004		Bearing	1		
5	508098520011	2	Gear Ring	1		
6	508098510016	2	Motor	1		
6.01	508098520000	2	Carbon Brush	4		
6.02	508098520001	2	Carbon Brush Holder	1		
6.03	910700200016		Bearing	1		
6.04	508098520036	2	End Cap	1		
7	508098520032		Seal	1		
8	508098520003		Wheel	1		
9	910200200167		Screw Kits	8		

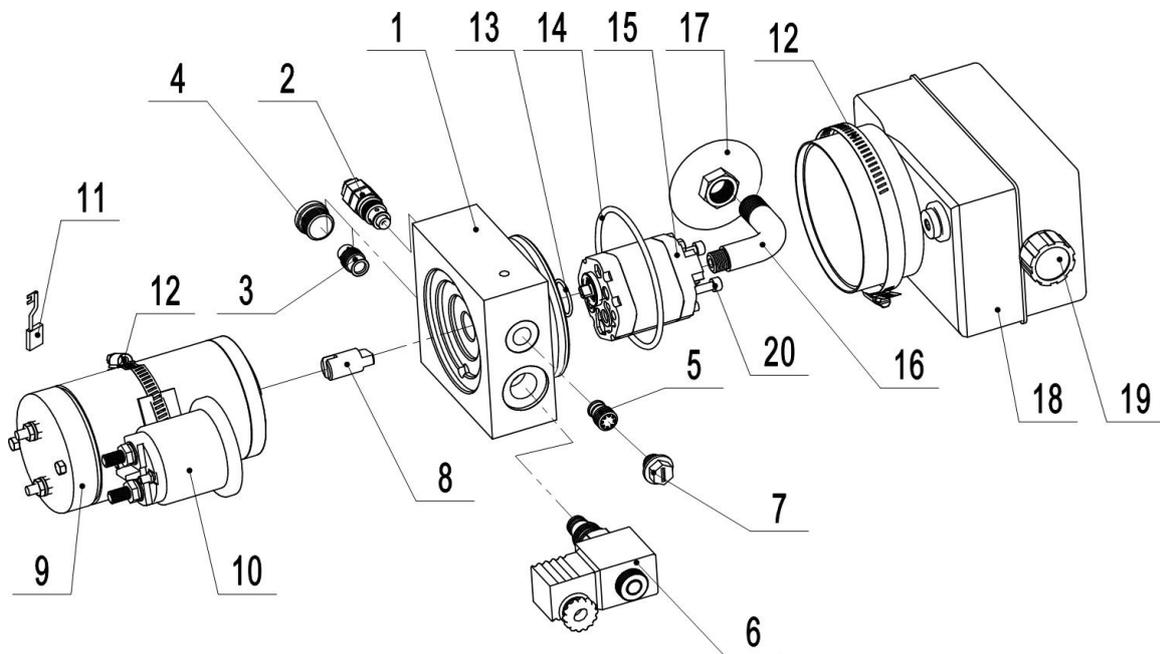
Chapter 2: Hydraulic System

01 Hydraulic Components(502346024001)



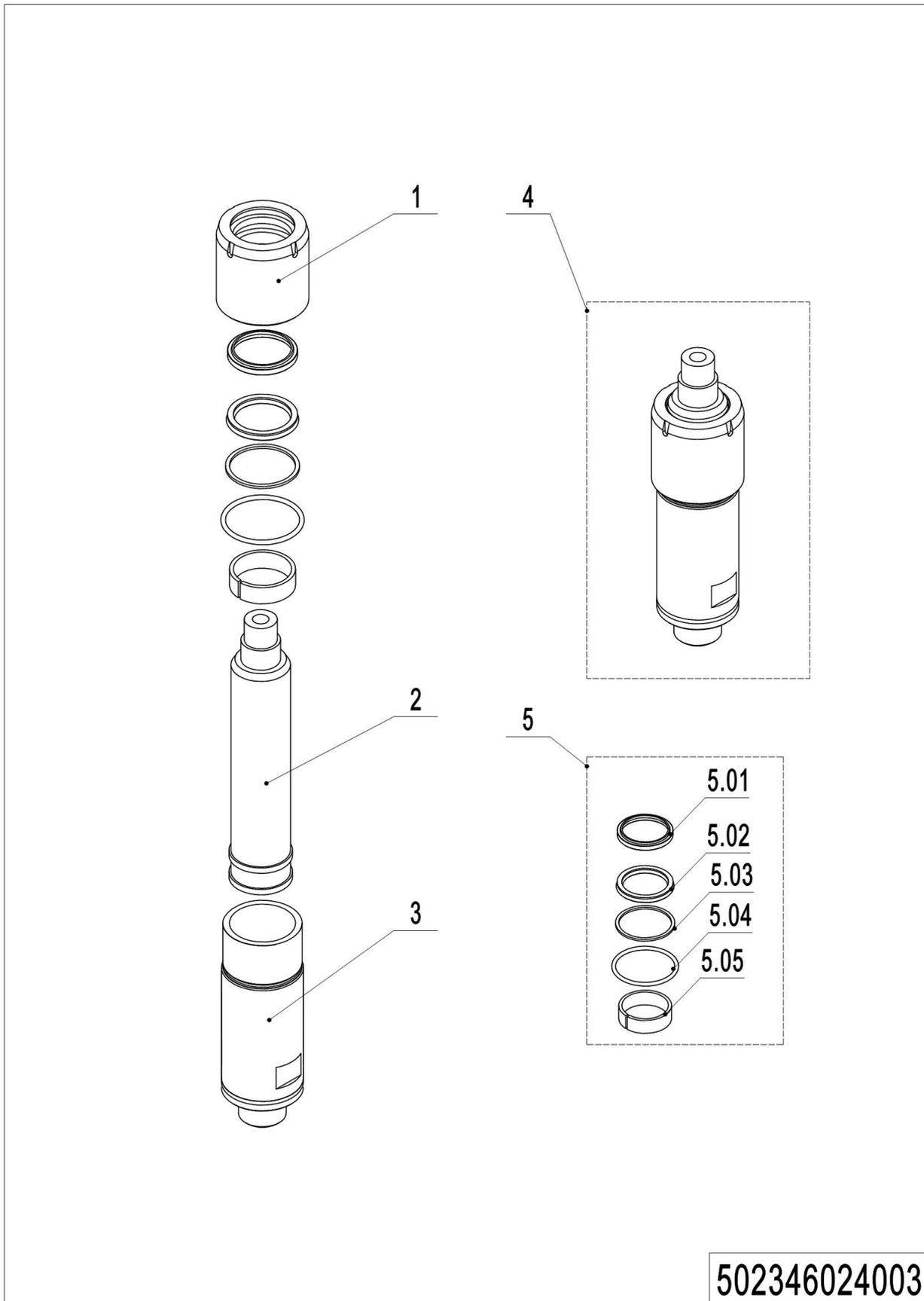
01 Hydraulic Components (502346024001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	911300200003	2	Hinge Bolt	1		
2	910800900003		Bonded Washer	2		
3	502324010002	2	Hose	1		
4	502324020006	2	Support base	1		
5	502324020007	2	Block	1		
6	950400300003	2	Joint	1		
7	910200200057	1	Screw	2		
8	910400500006	1	Spring Washer	2		
9	910400100006	1	Flat Washer	2		
10	910200300018	1	Screw	1		
11	910400500005	1	Spring Washer	1		
12	910400100005	1	Flat Washer	1		
13	950900100019	2	Pump Unit	1		
14	502324020008	2	Fixing Plate	1		

02 Hydraulic Unit(502346024002)**502346024002**

02 Hydraulic Unit(502346024002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100019	2	Pump Unit	1		
1	502398520033	2	Valve Block	1		
2	504498510015	2	Overflow Valve	1		
3	505698520041	2	Valve	1		
4	502398520034	2	End Cap	1		
5	503224010004	2	Check Valve	1		
6	504498510011	2	Magnetic Valve	1		
7	502398520035	2	End Cap	1		
8	502398520036	2	Coupling	1		
9	505698520035	2	Motor	1		
10	502398510027	2	Relay	1		
11	502398520037		Carbon Brush	1		
12	454098520010	2	Hoop	2		
13	910800100063	2	O-Ring	1		
14	910800100064	2	O-Ring	1		
15	504498510013	2	Gear Pump	1		
16	502398520038	2	Elbow	1		
17	454098520003	2	Filter	1		
18	502398520039	2	Tank	1		
19	504498520029	2	Cap-Tank	1		
20	910200200023	2	Screw	2		

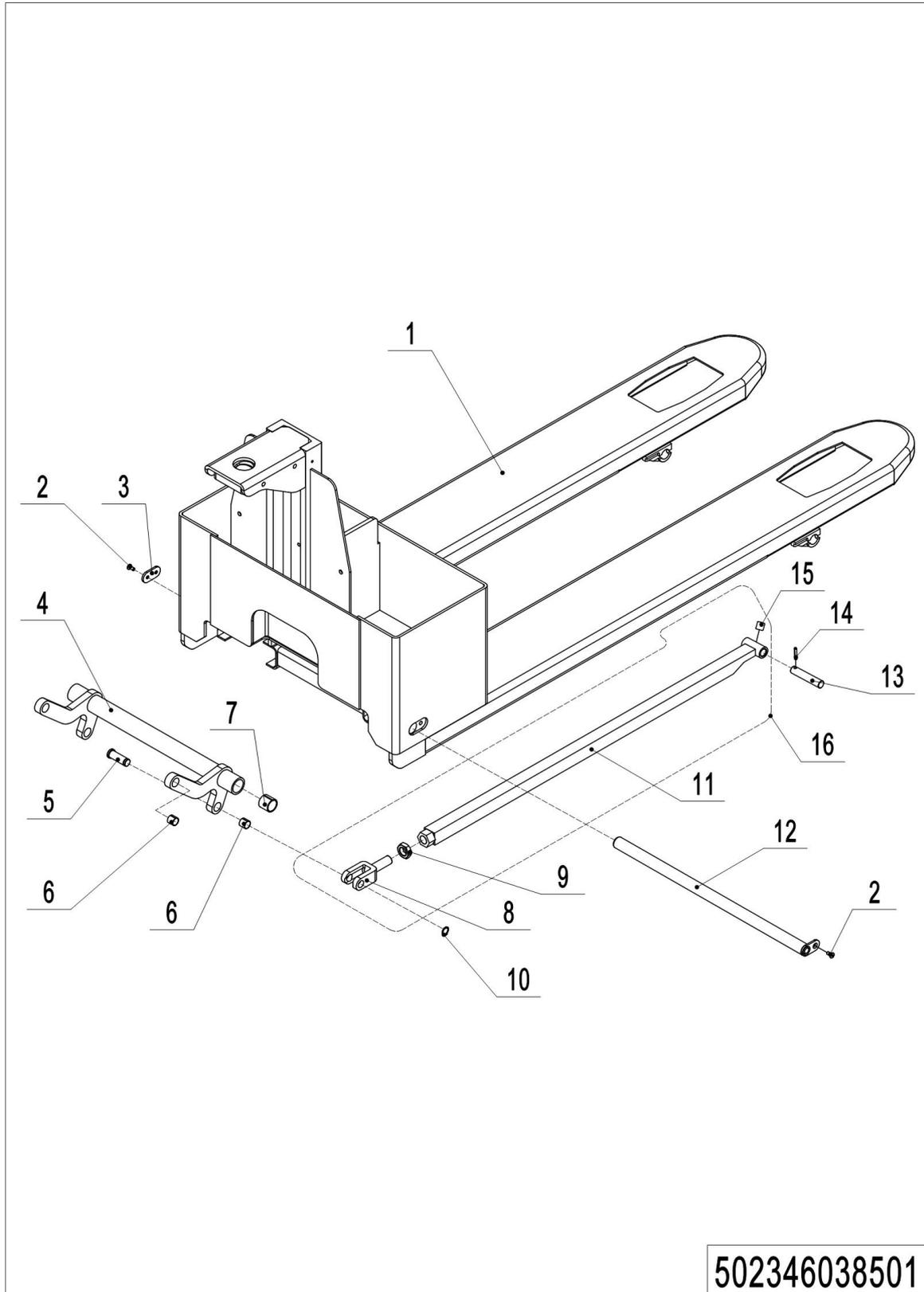
03 Cylinder (502346024003)

03 Cylinder (502346024003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502324020004	2	End Cap	1		
2	502324020003	2	Piston Rod Φ 45x203	1		
3	502324010001	2	Cylinder Tube	1		
4	502324010000	2	Cylinder	1		
5	502398510025		Seal Kit	1		
5.01	910800400008		Wiper Seal	1		
5.02	910800300010		Seal Ring	1		
5.03	502324020005		Sealing Gasket	1		
5.04	910800100028		O-Ring	1		
5.05	910800500005		Support Ring	1		

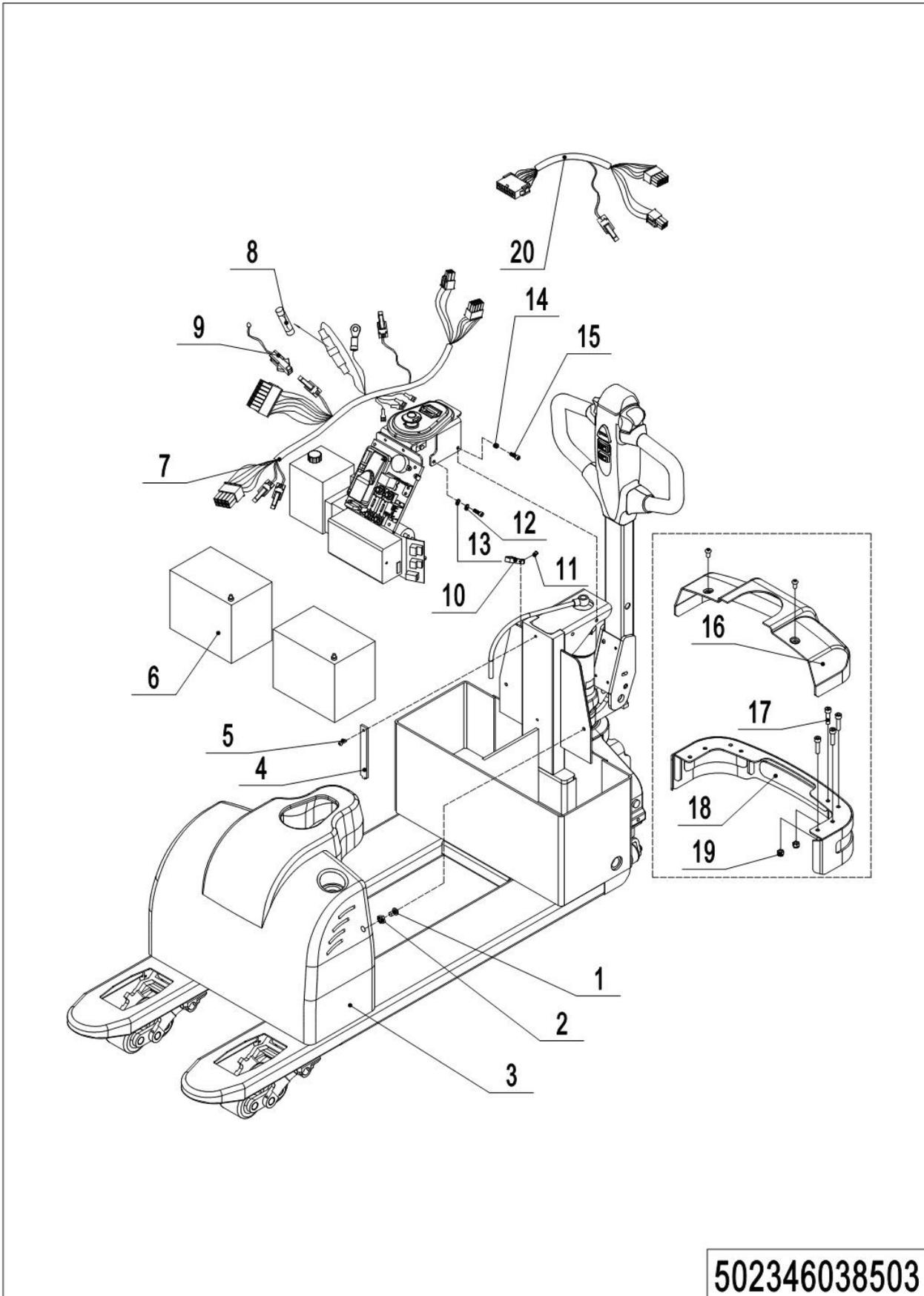
Chapter 3: Truck Frame

01 Truck Frame (502346038501)



01 Truck Frame (502346038501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502338510000	2	Chassis (EU540x1150)	1		
1	502338510007	2	Chassis (EU540x1220)	1		
1	502338510027	2	Chassis (US540x1150)	1		
1	502338510028	2	Chassis (US540x1220)	1		
1	502338510029	2	Chassis (US540x1000)	1		
1	502338510017	2	Chassis (US685x1150)	1		
1	502338510021	2	Chassis (US685x1220)	1		
1	502338510011	2	Chassis (EU540x800)	1		
2	941100300001	1	Screw	3		
3	505638520031	2	Fixing Plate	1		
4	502338510003	2	Rise Arm	1		
4	502338510019	2	Rise Arm	1		
5	502338520026	2	Pin	2		
6	940500100006		Bushing	4		
7	940500100032		Bushing	2		
8	502338520027	2	Push Rod Fork	2		
9	910300400008	2	Nut	2		
10	910401300007	1	Circlip	2		
11	502338510005	2	Push Rod (1150)	2		
11	502338510008	2	Push Rod (1220)	2		
11	502338510012	2	Push Rod (800)	2		
11	502338510016	2	Push Rod (1000)	2		
12	502338510006	2	Pin	1		
12	502338510020	2	Pin	1		
13	502338520030	2	Axle	2		
14	910600500002	1	Spring Pin	2		
15	911200100001	1	Oil Cup	2		
16	502398510021	2	Push Rod Kit (1150)	2		
16	502398510022	2	Push Rod Kit (1220)	2		
16	502398510023	2	Push Rod Kit (800)	2		
16	502398510024	2	Push Rod Kit (1000)	2		

02 Vehicle Parts (502346038503)

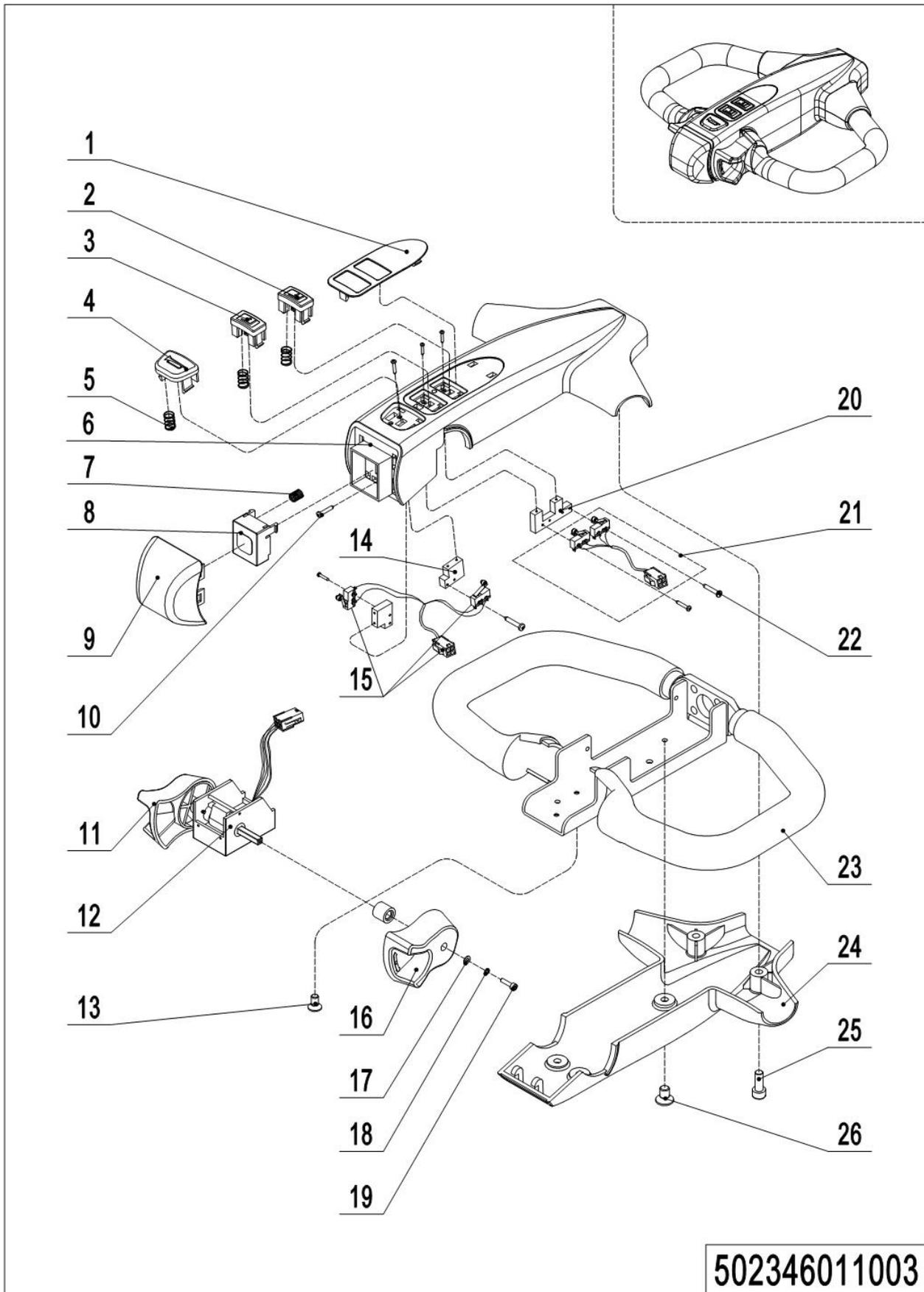
02 Vehicle Parts (502346038503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941100100007	2	Screw	2		
2	502338510032	2	Nut	2		
3	502321020000	2	Protective Cover	1		
3	502321020001	2	Protective Cover	1		
4	502336520004	2	Support Bar	1		
5	910200300018	1	Screw	6		
6	920600100136	2	Battery12V65Ah	2		
6	920600100142	2	Battery12V65Ah	2		
6	920600100103	2	Battery12V64Ah	2		
6	920600100194	2	Battery12V65Ah	2		
6	920600100001	2	Battery12V85Ah	2		
7	502333010043	2	Wiring Harness	1		CURTIS
7	502333010049	2	Wiring Harness	1		Jia chen
8	920100300001	1	Fuse	1		
9	502333010017	2	Fault Display Assembly	1		
10	921300200004	2	Cable Clamp	3		
11	910200500034	1	Screw	3		
12	910400500005	1	Spring Washer	2		
13	910400100005	1	Flat Washer	2		
14	502338520039	2	Spacer Bush	2		
15	910200200038	1	Screw	2		
16	502363020000	2	Protective Cover	1		
17	910200200079	1	Screw	8		
18	502313510001	2	Apron	1		
19	910300500005	1	Nut	8		
20	502333010037	2	Wire Harness	1		CURTIS
20	502333010054	2	Wire Harness	1		Jia chen

01 Tiller Unit(502346011002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502311010014	2	Control Handle	1		
2	910200200055	1	Screw	4		
3	910400500006	1	Spring Washer	4		
4	940400100048		Air Spring	1		
5	502311010010	2	Tiller Bar Welding	1		
6	502311010001	2	Proximity Switch	1		CURTIS
6	502311010017	2	Proximity Switch	1		Jia chen
7	910200500015	1	Screw	2		
8	910200200057	1	Screw	1		
9	910401300011	1	Circlip	1		
10	502311020008	2	Pin	2		
11	940500200005		Bushing	2		
12	508011020005	2	Fixing Base	1		
13	502311010011	2	Fixed Axle Welding	1		
14	910200300011	1	Screw	4		
15	502311020010	2	Close Plate	1		
16	502333010016	2	Wire Harness	1		CURTIS
16	502333010055	2	Wire Harness	1		Jia chen
17	910200200058	1	Screw	1		

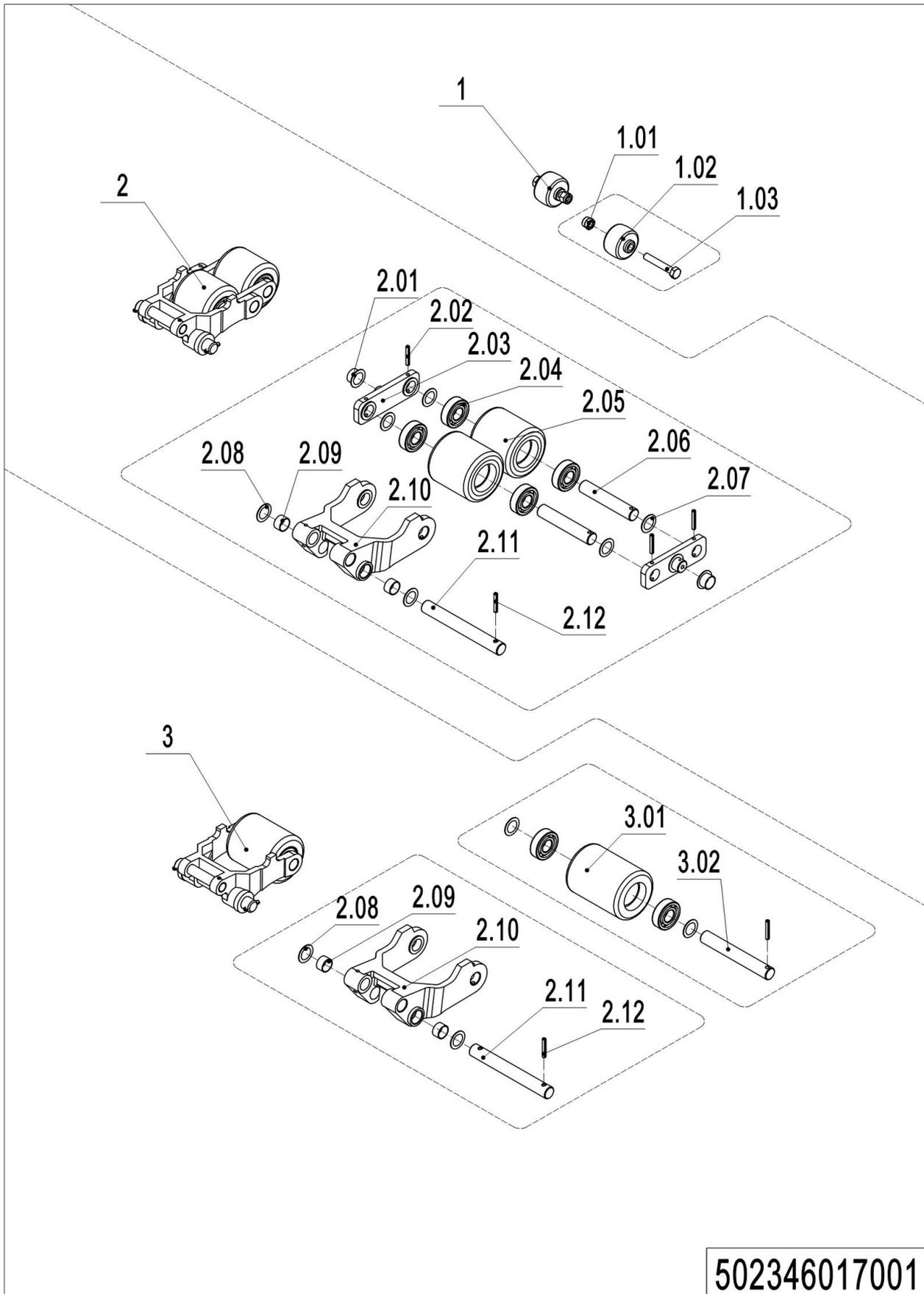
02 Tiller(502346011003)



502346011003

02 Tiller(502346011003)

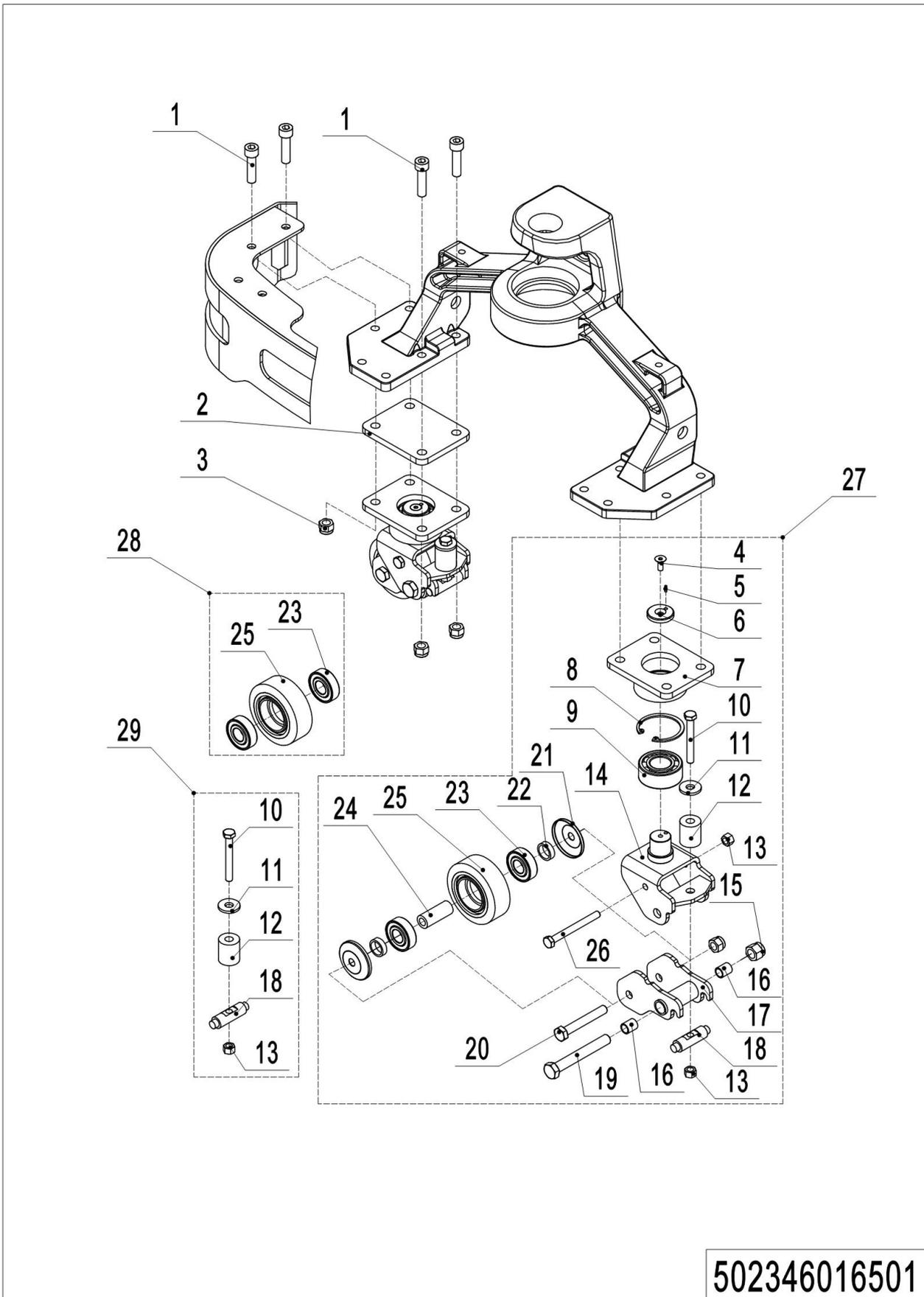
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	502311010005	2	Control Handle	1		
1	502311020023	2	Label	1		
2	502311020021	2	Button	1		
3	502311020020	2	Button	1		
4	502311020019	2	Button	1		
5	502311020022	2	Spring	6		
6	502311020024	2	Handle Cap	1		
7	502311020018	2	Spring	4		
8	502311020017	2	Bracket	1		
9	502311020016	2	Cap, Break Switch	1		
10	910201400001	1	Screw	8		
11	502311020011	2	Traction lever	1		
12	921700100001	2	Accelerator	1		CURTIS
12	921700100010	2	Accelerator	1		DT
13	910200600005	1	Screw	3		
14	502311020014	2	Bracket	1		
15	502311010007	2	Microswitch Kits	1		
16	502311020012	2	Traction lever	1		
17	910400100002	1	Flat Washer	2		
18	910400500002	1	Spring Washer	2		
19	910200200003	1	Screw	2		
20	502311020015	2	Bracket	1		
21	502311010008	2	Microswitch Kits	1		
22	910201400002	1	Screw	6		
23	502311010015	2	Bracket	1		
24	502311020025	2	Handle Cap	1		
25	910200200035	1	Screw	2		
26	910200400015	1	Screw	4		

03 Load Wheel (Tandem) (502346017001)

03 Load Wheel (Tandem) (502346017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502398510003	2	Pulley components	2		
1.01	910300500005	1	Nut	2		
1.02	505638520039		Running Pulley	2		
1.03	941100200019	1	Bolt	2		
2	502398510020		Wheel	2		
2.01	940500200003		Bushing	4		
2.02	910600500004	1	Spring Pin	8		
2.03	502317020000	2	Plate	4		
2.04	910700200019		Bearing	8/4		Double / single
2.05	940300300005		Wheel Φ 80x70	4		
2.06	502317020001	2	Axle	4		
2.07	940600500013	2	Washer	8/4		Double / single
2.08	502338520033	2	Roller	4		
2.08	502338520033	2	Roller	4		
2.09	940500100012		Bushing	4		
2.10	502338520032	2	Riser	2		
2.10	502338520078	2	Riser	2		
2.11	502338520031	2	Pin	2		
2.12	910600400025	1	Spring Pin	2		
3	508098510050		Wheel	2		
3.01	940300300023		Wheel Φ 80x93	2		
3.02	301017020001	2	Axle	2		

04 Caster (502346016501)



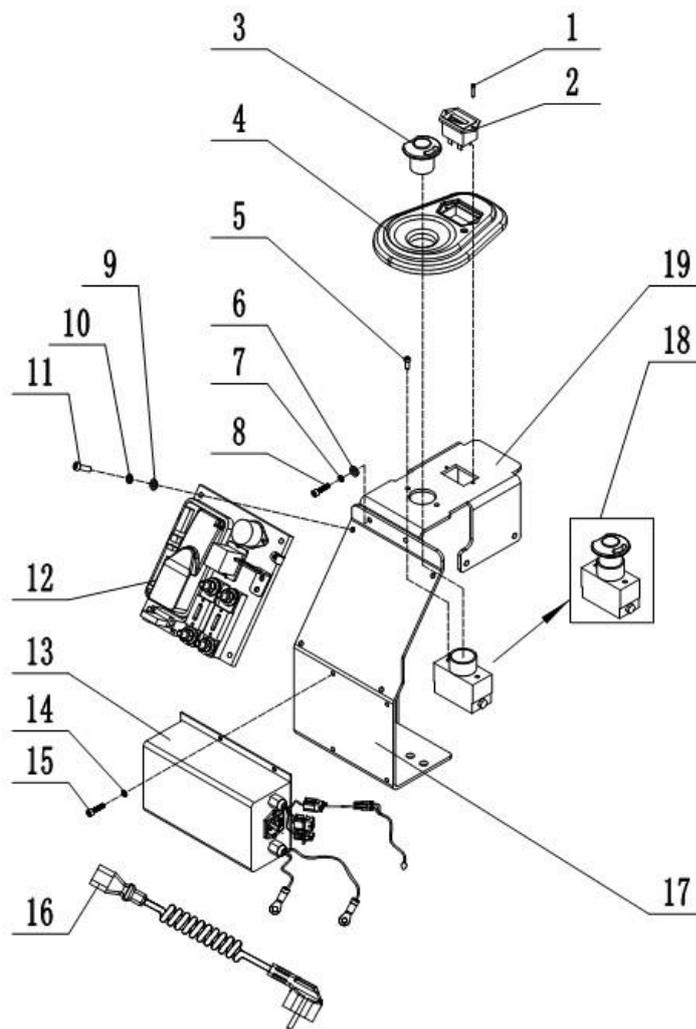
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

04 Caster(502346016501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200078	1	Screw	8		
2	505616520014	2	Pad	2		
3	910300500005	1	Nut	10		
4	941100300001	1	Screw	2		
5	910600100004	1	Cylindrical Pin	2		
6	505616520007	1	Retaining Ring	2		
7	505616510002	2	Plate	2		
8	910401400016	1	Circlip	2		
9	910700500002	2	Bearing	2		
10	910100300091	1	Bolt	2		
11	910400200003	2	Flat Washer	2		
12	502316520012	2	Spring	2		
13	910300500004	1	Nut	4		
14	502316510004	2	Wheel Carrier	2		
15	910300500006	1	Nut	2		
16	940500100002	2	Bushing	4		
17	502316510005	2	Whirling Arm	2		
18	502316520013	2	Axle	2		
19	910100100056	1	Bolt	2		
20	910100100037	1	Bolt	2		
21	502316520016	2	Dust Cap	4		
22	502316520015	2	Check Ring	4		
23	910700200018	2	Bearing	4		
24	502316520014	2	Bushing	2		
25	940300300017	2	Wheel Φ 80x30	2		
26	910100100029	1	Bolt	2		
27	502316510003	2	Caster Assembly	2		
28	502398510015		Load Wheel Kit	2		
29	502398510016	2	Spring Components	2		

Chapter 5: Electrical Parts

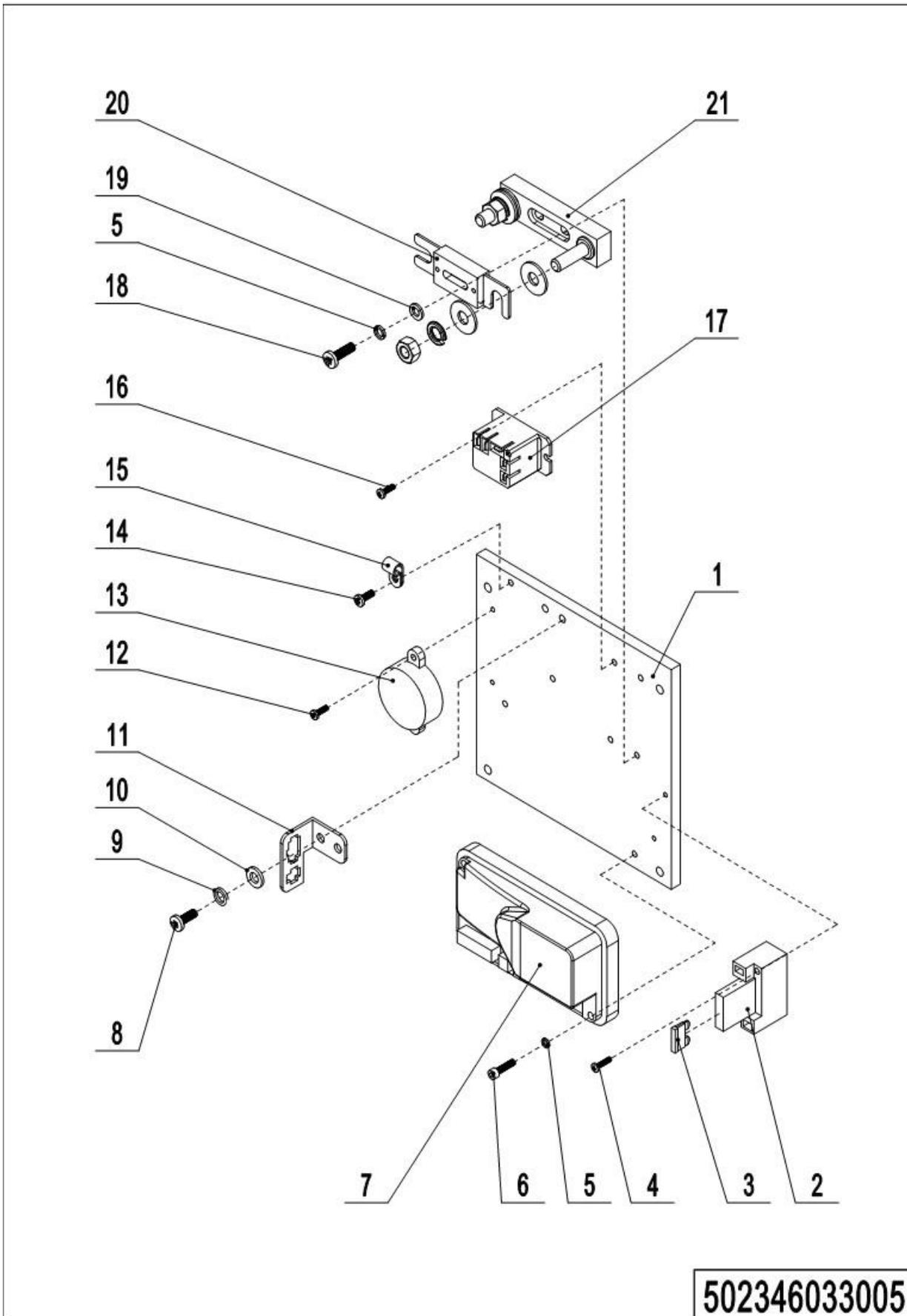
01 Electrical Assembly (502346033004)



502346033004

01 Electrical Assembly (502346033004)

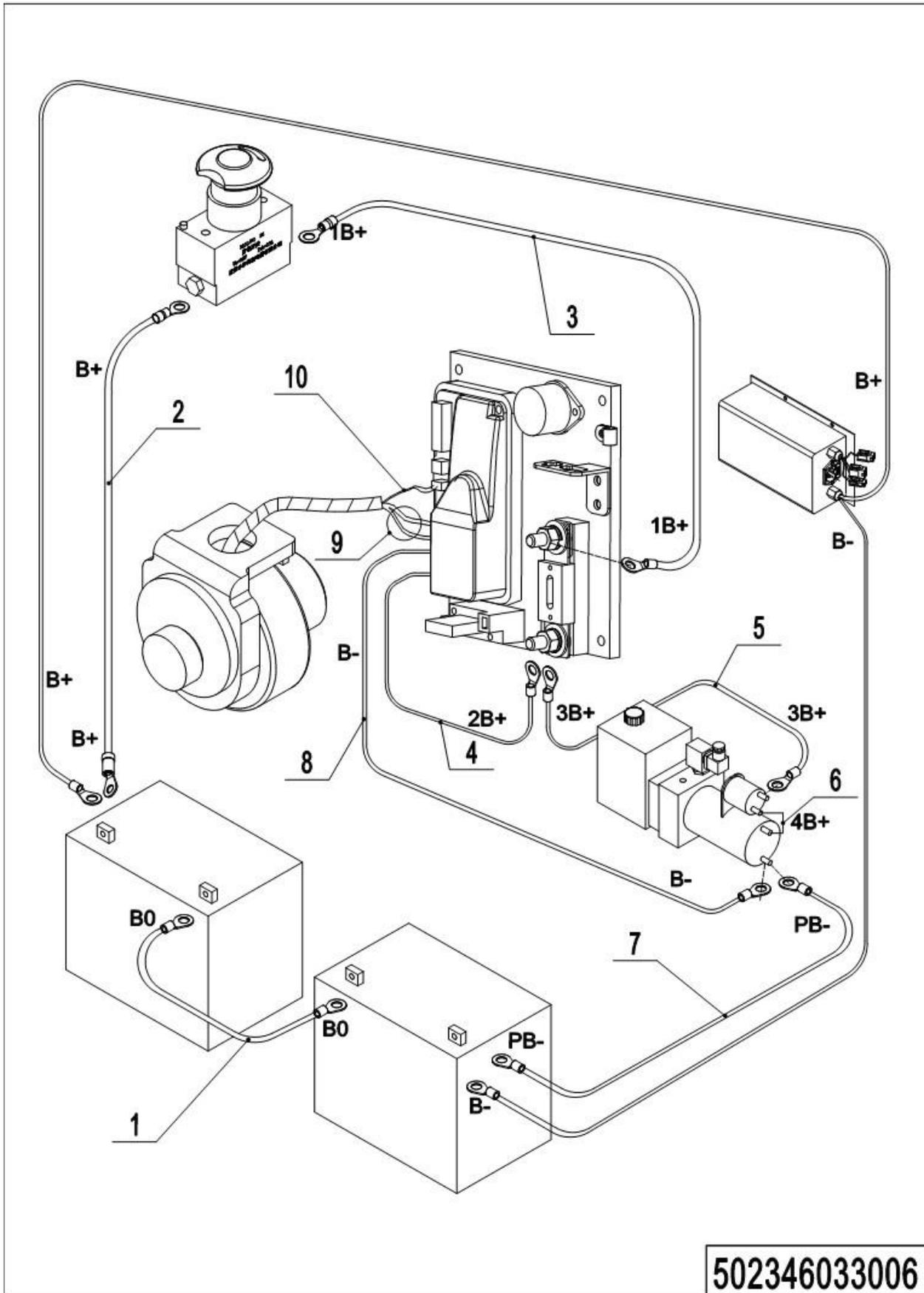
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200300004	1	Screw	2		
2	921100100061	2	Battery Indicator	1		
2	921100100036	2	Battery Indicator	1		
3	920200100019	2	Emergency Button	1		
4	502310020001	2	Panel	1		
5	910200200021	1	Screw	2		
6	910400100005	1	Flat Washer	2		
7	910400500005	1	Spring Washer	2		
8	910200300018	1	Screw	2		
9	910400100004	1	Flat Washer	4		
10	910400500004	1	Spring Washer	4		
11	910200200023	1	Screw	4		
12	502333010042	2	Electronic Control Component	1		CURTIS
12	502333010048	2	Electronic Control Component	1		Jia chen
13	921000100072	2	Charger 24V8A	1		Shun wei
13	921000100069	2	Charger 24V8A	1		Tian li
13	921000100068	2	Charger 24V8A	1		GE
14	910400500003	1	Spring Washer	4		
15	910200200014	1	Screw	4		
16	921500200003	2	Spring Cable (AUS)	1		
16	921500200004	2	Spring Cable (ENG)	1		
16	921500200005	2	Spring Cable (EU)	1		
16	921500200006	2	Spring Cable (ITY)	1		
16	921500200007	2	Spring Cable (SWD)	1		
16	921500200002	2	Spring Cable (USA)	1		
16	921500200008	2	Spring Cable (Asia)	1		
17	502336510033	2	Mounting Plate	1		
18	920200100024	2	Emergency Button	1		
19	502310020000	2	Mounting Plate	1		

02 Controller (502346033005)

02 Controller(502346033005)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502333020001	2	Plate	1		
2	920100400006	2	Fuse Holder	1		
3	920100200002		Fuse	1		
4	910200500017	1	Screw	2		
5	910400500003	1	Spring Washer	6		
6	910200200017	1	Screw	2		
7	921400100126	2	Controller	1		Jia chen
7	921400100001	2	Controller	1		CURTIS
8	910200500037	1	Screw	2		
9	910400500004	1	Spring Washer	2		BT: 4
10	910400100004	1	Flat Washer	2		
11	921300300004	2	Holder	1		
12	910200500017	1	Screw	2		
13	502333010025	2	buzzer	1		
14	910200500021	1	Screw	1		
15	921300200002	1	Cable Clamp	1		
16	910200500034	1	Screw	2		
17	920800100003	2	Relay	1		
18	910200500024	1	Screw	2		
19	910400100003	1	Flat Washer	4		
20	920100100004	2	Fuse	2		
21	920100400002	2	Fuse Holder	1		

03 Wire Harness (502346033006)



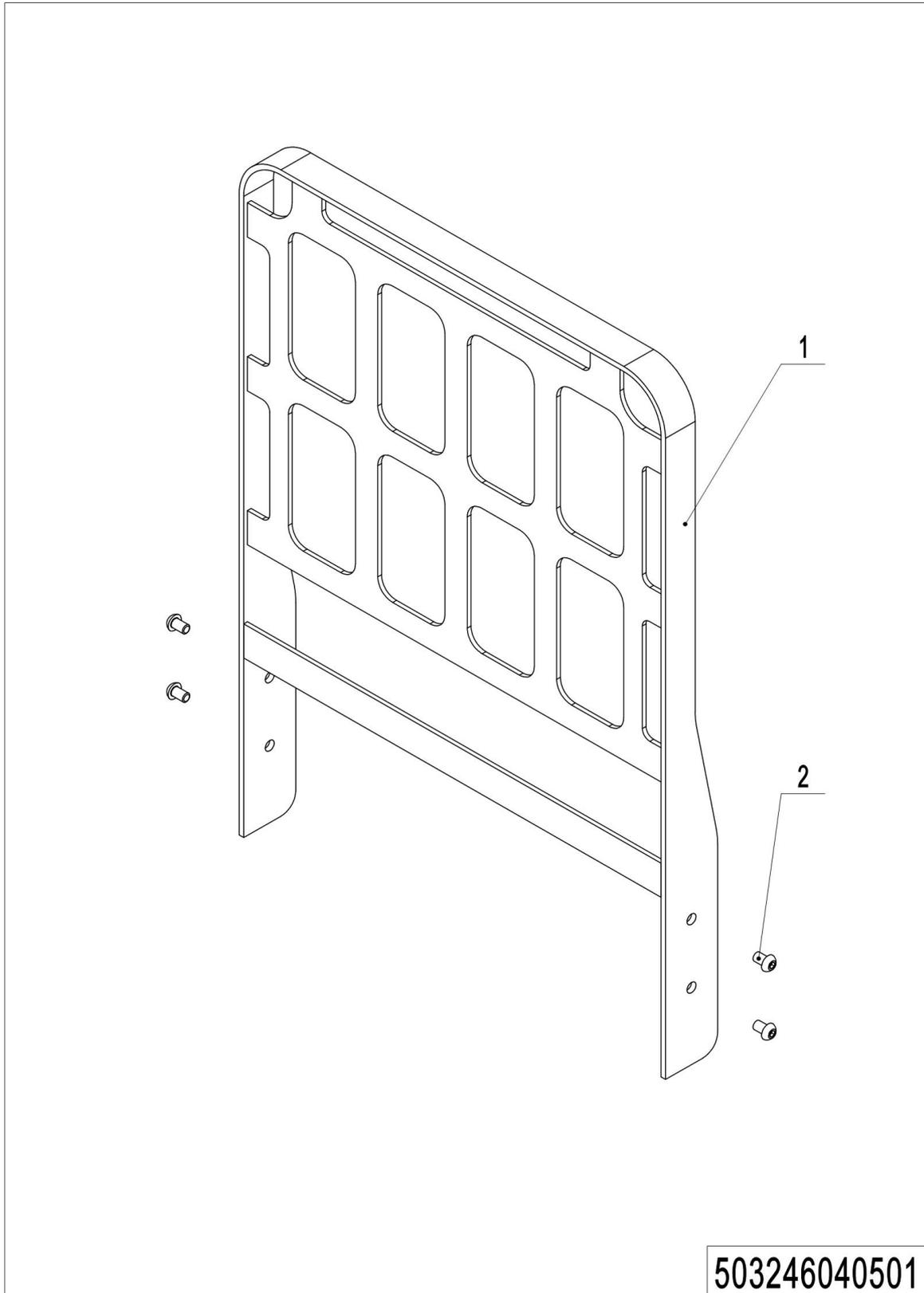
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

03 Wire Harness (502346033006)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502333010040	2	Cable	1		Only noblelift
1	502333010058	2	Cable	1		
2	502333010038	2	Cable	1		
3	502333010039	2	Cable	1		
4	502333010007	2	Cables	1		CURTIS
4	502333010056	2	Cables	1		Jia chen
5	502333010008	2	Cable	1		
6	502333010009	2	Cable	1		
7	502333010013	2	Cable	1		
8	502333010012	2	Cables	1		CURTIS
8	502333010052	2	Cables	1		Jia chen
9	502333010031	2	Wire Harness	1		CURTIS
9	502333010051	2	Wire Harness	1		Jia chen
10	502333010032	2	Wire Harness	1		CURTIS
10	502333010050	2	Wire Harness	1		Jia chen

Chapter 6: Special Parts

01 Load Backrest (502346040501)

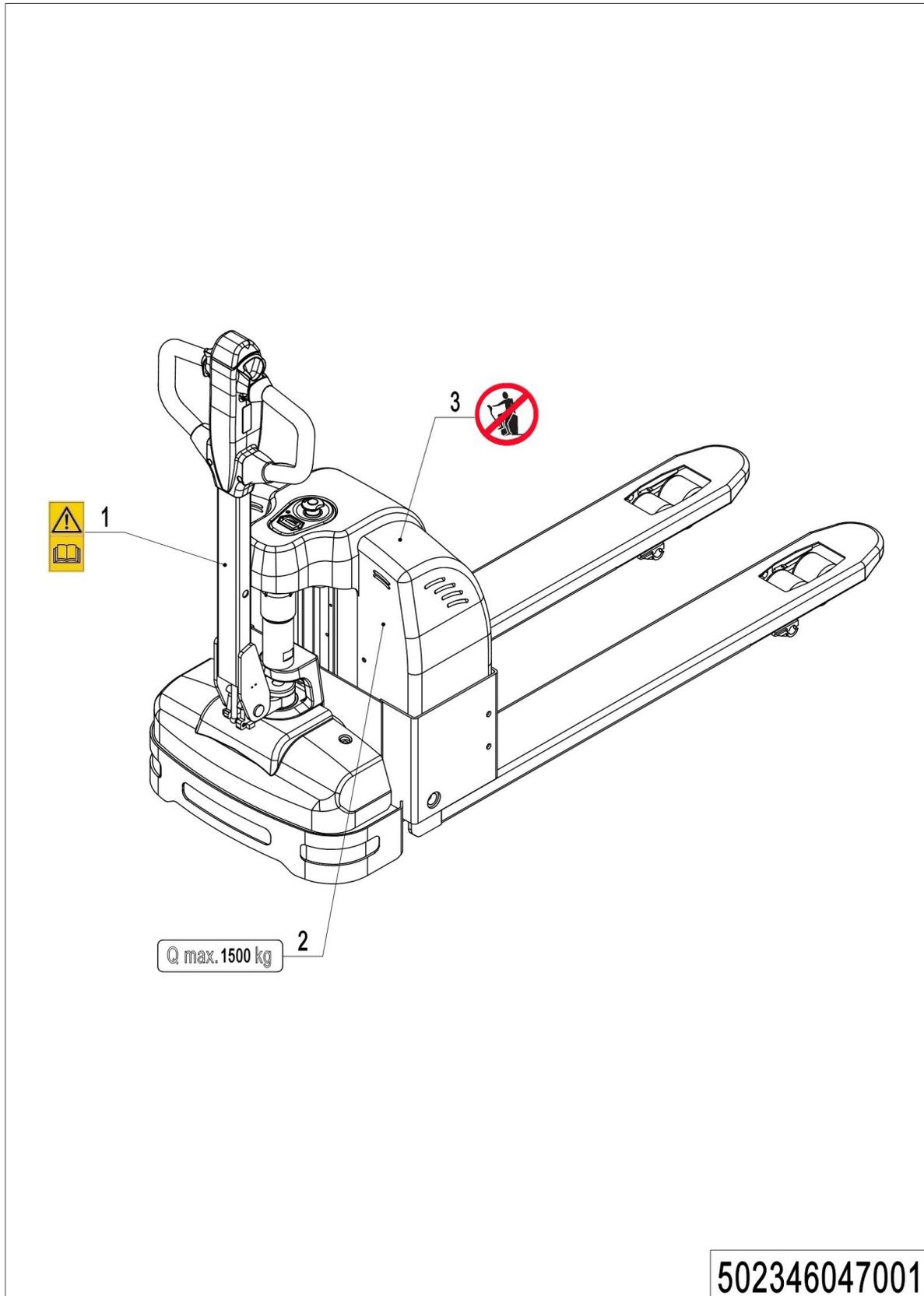


01 Load Backrest (502346040501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	503240510000	2	Load Backrest	1		
1	503240510001	2	Load Backrest	1		
2	910200300028	1	Screw	4		

Chapter 7: Others

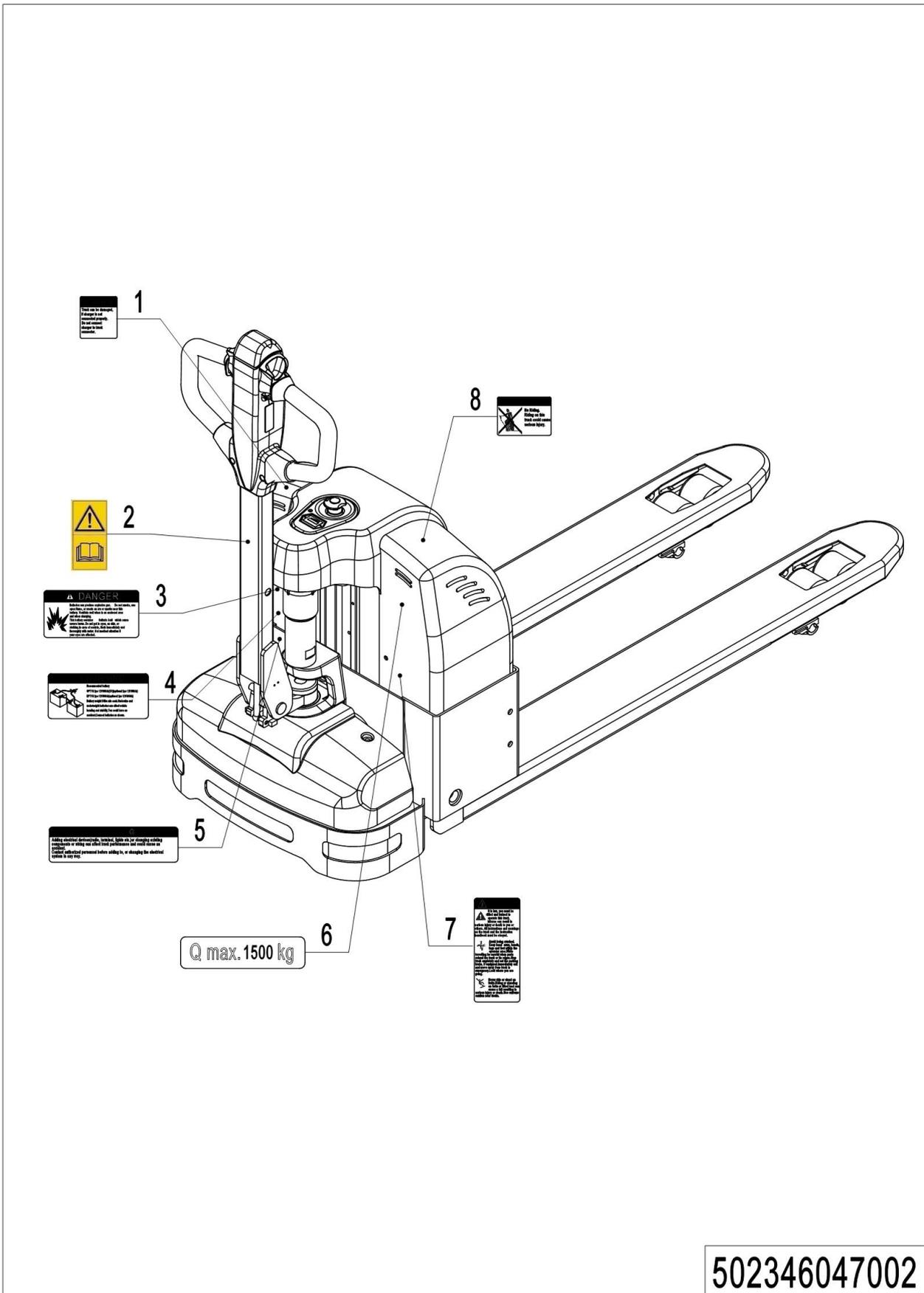
01 Labels and Decals-EU(502346047001)



01 Labels and Decals-EU (502346047001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300002	2	Label	1		
2	941200200020	2	Label	1		
3	941200100003	2	Label	1		

02 Labels and Decals-US (502346047002)



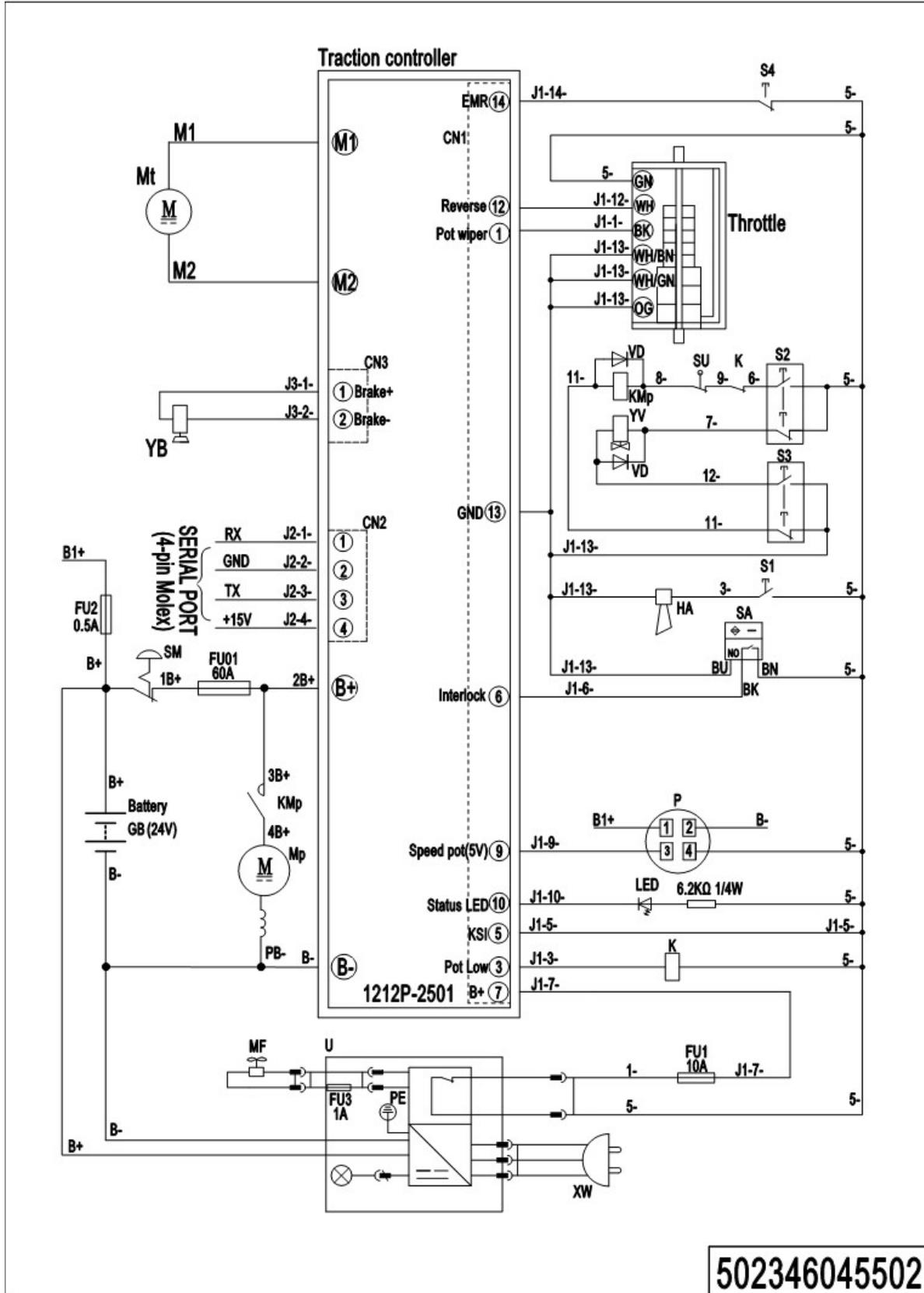
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

02 Labels and Decals-US(502346047002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200100012	2	Label	1		
2	941200300002	2	Label	1		
3	941200100013	2	Label	1		
4	502347020000	2	Label	1		
5	941200100010	2	Label	1		
6	941200200020	2	Label	1		
7	941200100009	2	Label	1		
8	941200100011	2	Label	1		

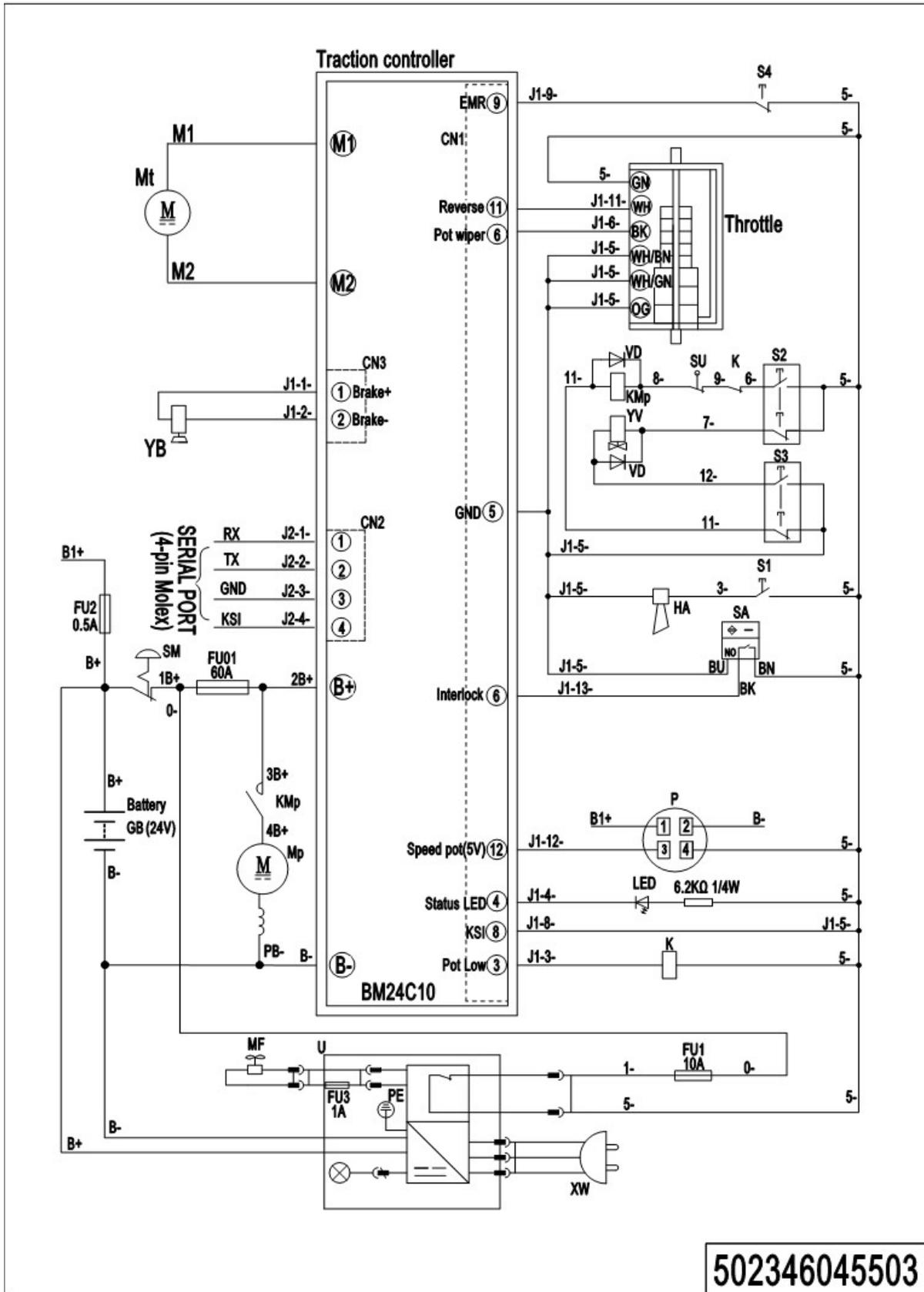
Appendix

01 Electrical Circuit Diagram-CURTIS (502346045502)



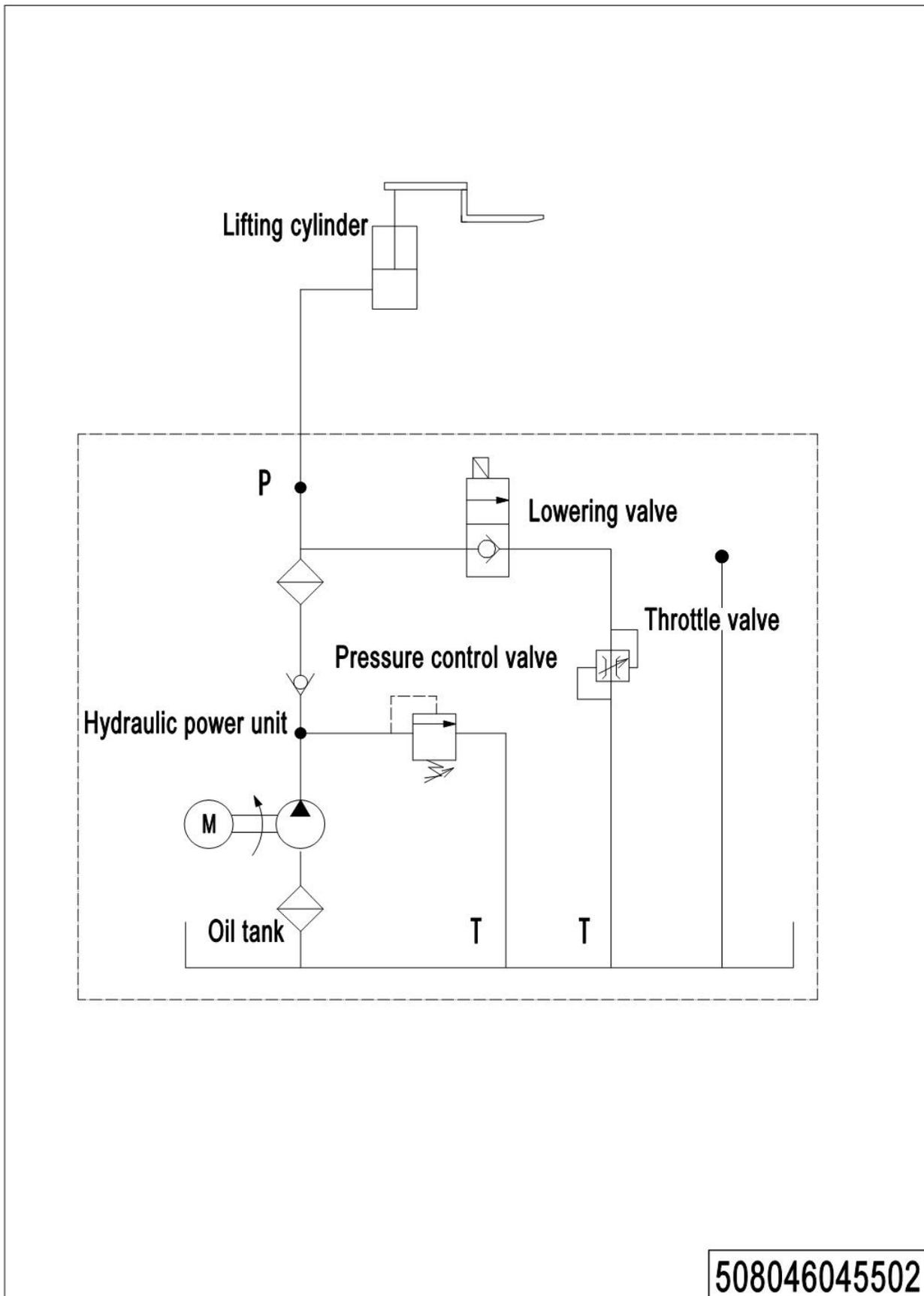
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

02 Electrical Circuit Diagram-Jia chen(502346045503)



502346045503

1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

03 Hydraulic Circuit Diagram(508046045502)

04 Consumable Parts List

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	502313510002	Microswitch	1	Chapter 1/01/11
2	910700200004	Bearing	1	Chapter 1/02/4
3	508098520000	Carbon Brush	4	Chapter 1/02/6. 01
4	910700200016	Bearing	1	Chapter 1/02/6. 03
5	508098520003	Wheel	1	Chapter 1/02/8
6	910800900003	Bonded Washer	2	Chapter 2/01/2
7	502398520037	Carbon Brush	1	Chapter 2/02/11
8	502398510025	Seal Kit	1	Chapter 2/03/5
9	940500100006	Bushing	4	Chapter 3/01/6
10	940500100032	Bushing	2	Chapter 3/01/7
11	920100300001	Fuse	1	Chapter 3/02/8
12	940400100048	Air Spring	1	Chapter 4/01/4
13	502311010001	Proximity Switch	1	Chapter 4/01/6
14	502311010017	Proximity Switch	1	Chapter 4/01/6
15	940500200005	Bushing	2	Chapter 4/01/11
16	505638520039	Running Pulley	2	Chapter 4/03/1. 02
17	502398510020	Wheel	2	Chapter 4/03/2
18	940500200003	Bushing	4	Chapter 4/03/2. 01
19	910700200019	Bearing	8/4	Chapter 4/03/2. 04
20	940300300005	Wheel Φ 80x70	4	Chapter 4/03/2. 05
21	940500100012	Bushing	4	Chapter 4/03/2. 09
22	508098510050	Wheel	2	Chapter 4/03/3
23	940300300023	Wheel Φ 80x93	2	Chapter 4/03/3. 01
24	502398510015	Load Wheel Kit	2	Chapter 4/04/28
25	920200100024	Emergency Button	1	Chapter 5/01/18
26	920100200002	Fuse	1	Chapter 5/02/3
27	920100100004	Fuse	2	Chapter 5/02/20