

Print Number:

Print Date:

NOBLELIFT

Material Handling



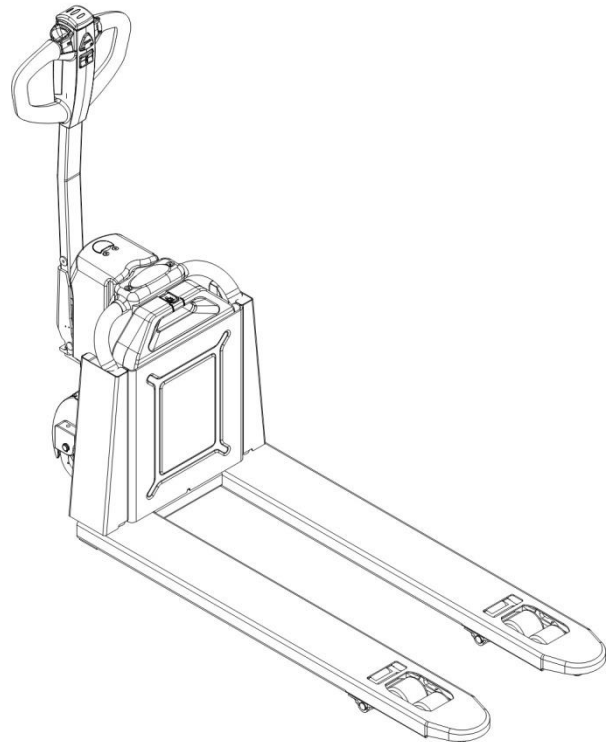
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Service Hotline: 836115

Electric Pallet Truck PTE15Q

PARTS MANUAL

509946020101



Version: V01

Truck Identification Number From:

Parts Manual

PTE15Q-A-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.

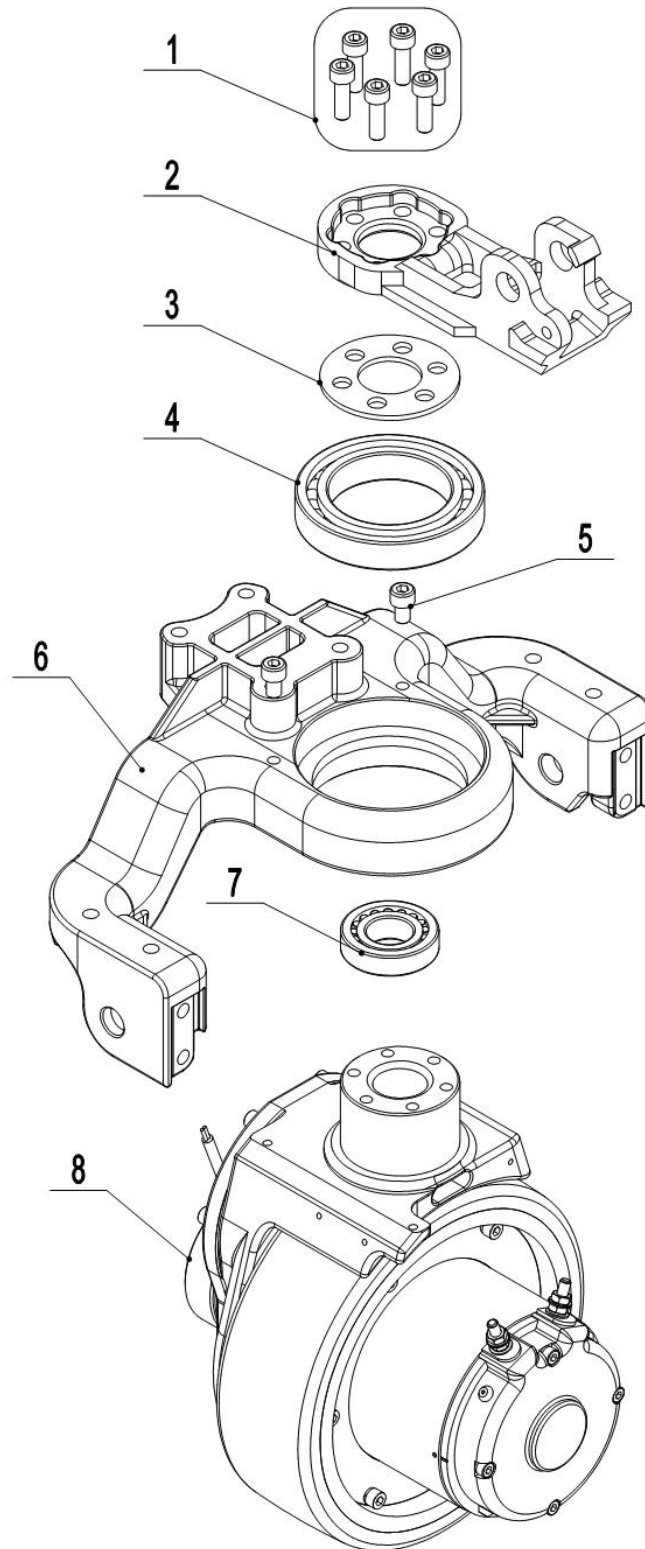
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Chapter 1: Drive System

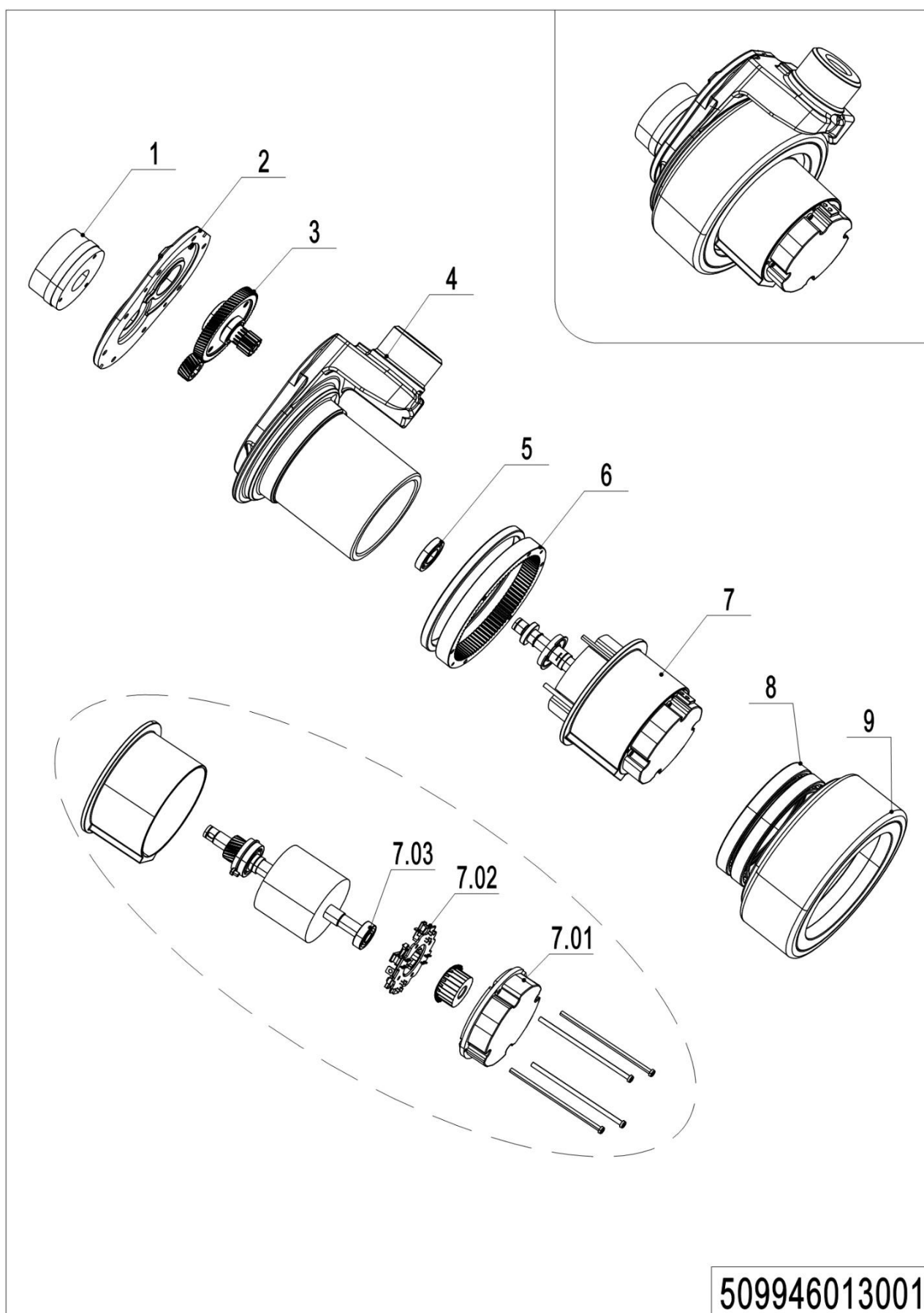
01 Drive Unit Steering(15Q)(509946013501)



509946013501

01 Drive Unit Steering (15Q) (509946013501)

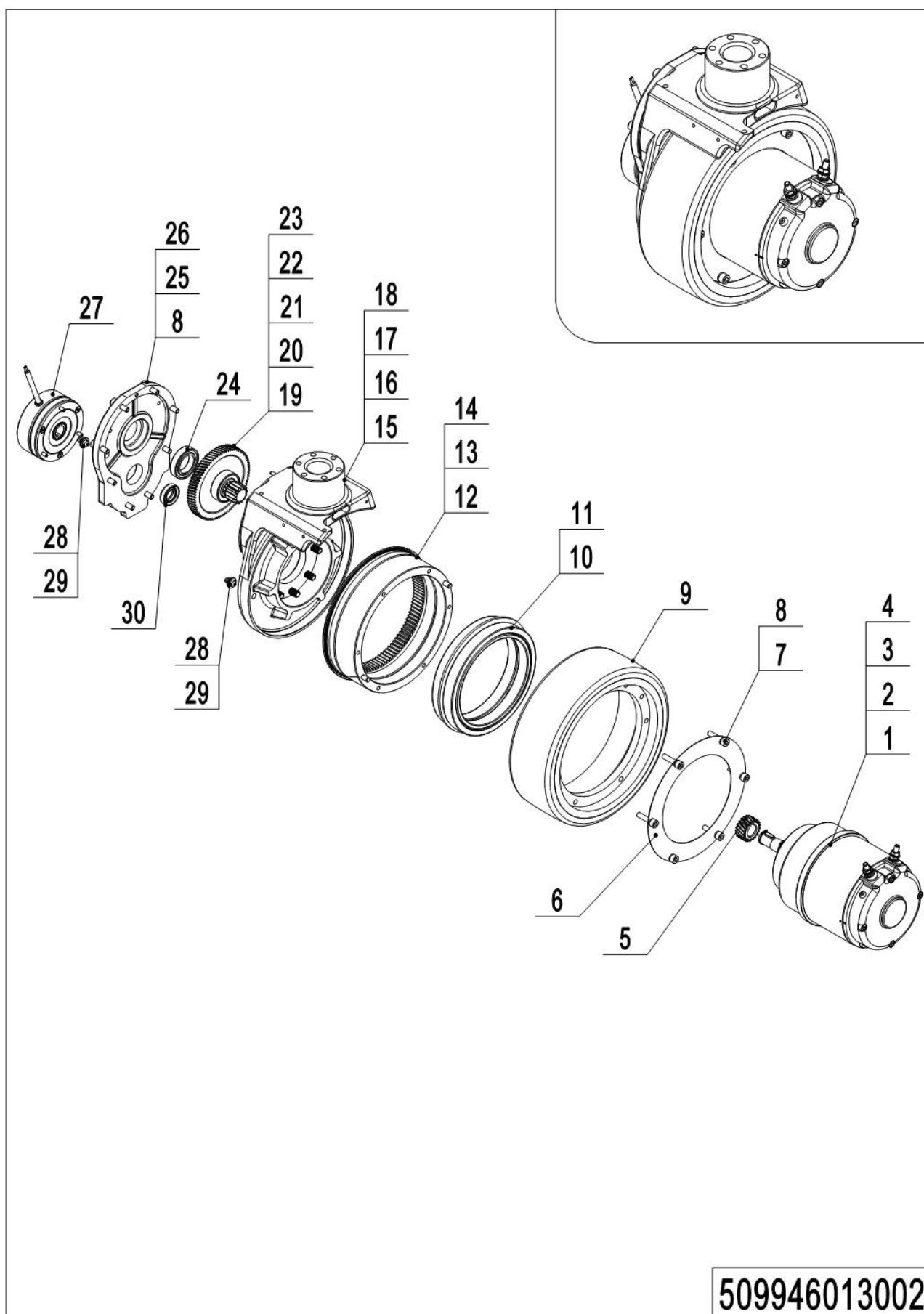
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200058	1	Screw	6		
2	509913520004		Flange	1		
3	509913520002		Subplate	1		
4	910700200058		Bearing	1		
5	910200200073	1	Screw	2		
6	509913520003		Wheel Mount	1		
7	910700600044		Bearing	1		
8	509998510023	2	Drive Unit	1		ZD
8	509998510024	2	Drive Unit	1		YX

02 Drive Assembly(15Q)(509946013001)

02 Drive Assembly (15Q) (509946013001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509998510012		Brake	1		
2	509998520014	2	Gear Box Cover	1		
3	509998510013		Gear Components	1		
4	509998520015	2	Gearbox	1		
5	910700200004		Bearing	1		
6	509998510014		Gear Components	1		
7	509998510015	2	Motor	1		
7.01	509998520017		End Cap	1		
7.02	509998520018		Bracket	1		
7.03	910700200016		Bearing	1		
8	509998520019		Bearing	2		
9	509998520021		Wheel	1		

03 Drive Assembly(15Q)(509946013002)

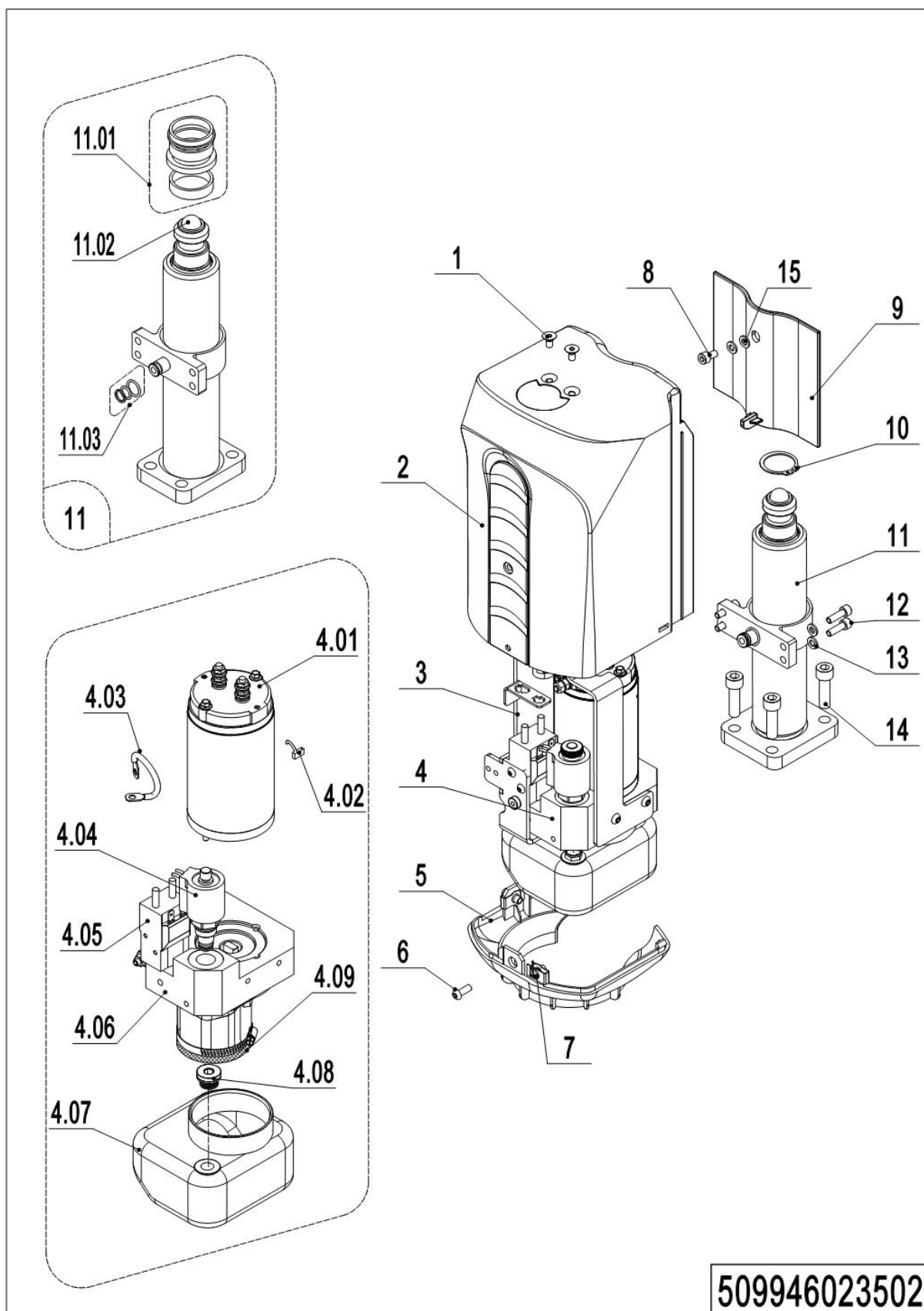


03 Drive Assembly (15Q) (509946013002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	961002200003	2	Motor	1		
2	910600800005		Flat Key	2		
3	910401300006		Circlip	1		
4	910401300007		Circlip	1		
5	961000700006		Gear	1		
6	961001300009		Scraper Seal	1		
7	910200200140	1	Screw	6		
8	910400500018	1	Spring Washer	14		
9	961001300010		Wheel	1		
10	910700200044		Bearing	2		
11	910401400023		Circlip	1		
12	961001300008		Gear	1		
13	910600100013		Cylindrical Pin	2		
14	961001300007		Oil Seal	1		
15	961002200001	2	Gearbox	1		
16	910200200147	1	Screw	5		
17	910400500019	1	Spring Washer	5		
18	910600100003		Cylindrical Pin	1		
19	961001300002		Gear	1		
20	961001300005		Gear Shaft	1		
21	910600800006		Flat Key	1		
22	910700200057		Bearing	1		
23	910401300008		Circlip	1		
24	910700200046		Bearing	1		
25	961002200002		Cover	1		
26	910200200139	1	Screw	8		
27	961002200004		Brake	1		
28	911200100003		Oil Cup	2		
29	910800900010		Bonded Washer	2		
30	961000700012		Oil Seal	1		

Chapter 2: Hydraulic System

01 Hydraulic Components (15Q) (509946023502)

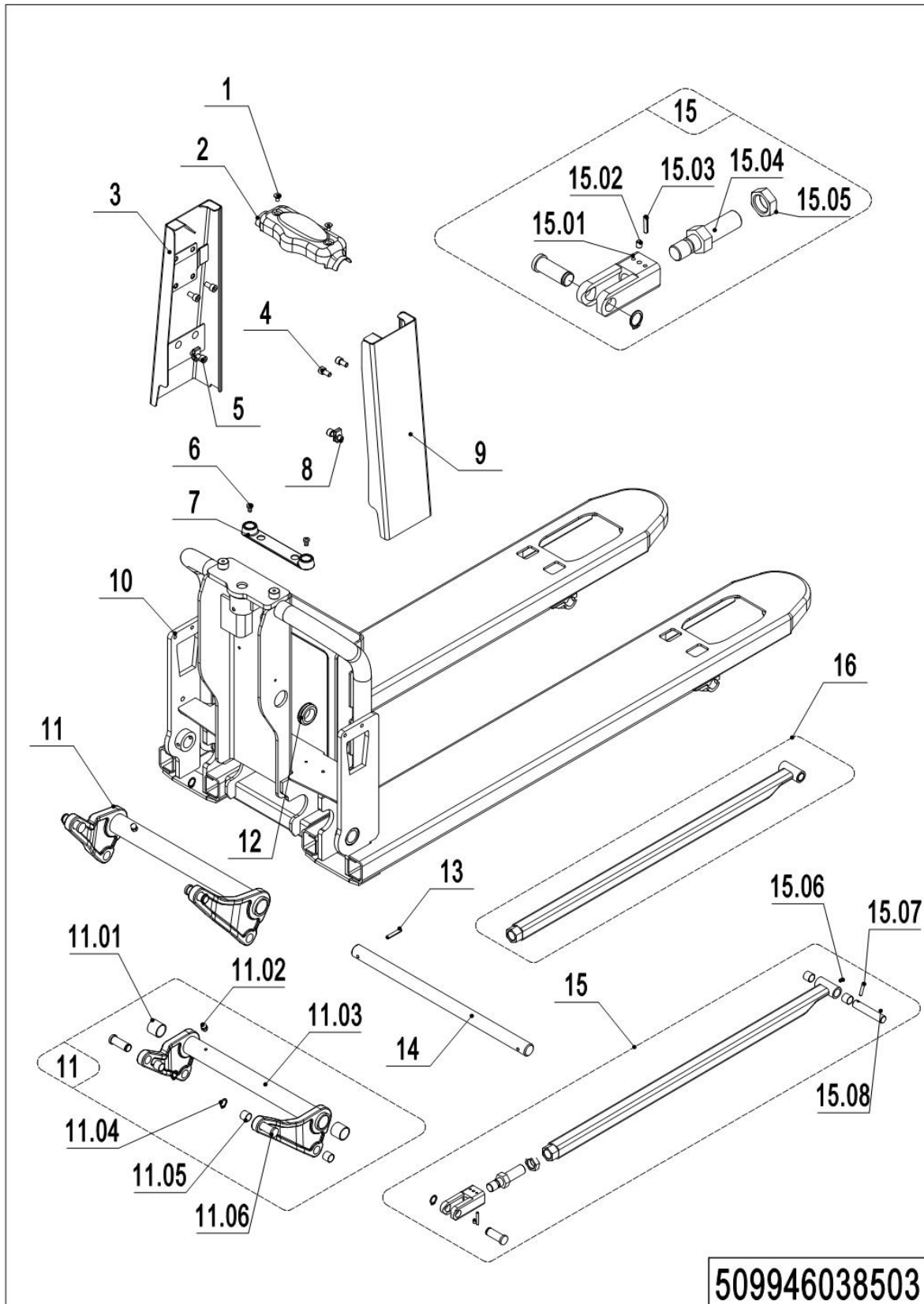


01 Hydraulic Components (15Q) (509946023502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400015	1	Screw	2		
2	509924020105		Cover	1		
3	509924010004		Mounting Rack	1		
4	950900100090	2	Pump Unit	1		
4. 01	509998510002	2	Motor	1		
4. 02	508098520008	2	Brush	1		
4. 03	508098520007	2	Cables	1		
4. 04	509998510003	2	Magnetic Valve	1		
4. 05	508598520011	2	Switch	1		
4. 06	508598510008	2	Gear Pump	1		
4. 07	508598510010	2	Tank	1		
4. 08	508598510009	2	Filter	1		
4. 09	508598520005	2	Filter	1		
5	509924020102		Shield	1		
6	910200300018	1	Screw	5		
7	940400400001	1	Cage Nut	2		
8	910200200176	1	Screw	1		black
9	509924020103		Cover	1		
10	910401300017		Circlip	1		
11	509924010000		Cylinder	1		
11. 01	508098510018		Seal Kit	1		
11. 02	910701100019		Steel Ball	1		
11. 03	508598510004		Seal Kit	1		
12	910200200036	1	Screw	4		
13	910400100005	1	Flat Washer	4		
14	910200200075	1	Screw	4		
15	910400500005	1	Spring Washer	2		

Chapter 3: Truck Frame

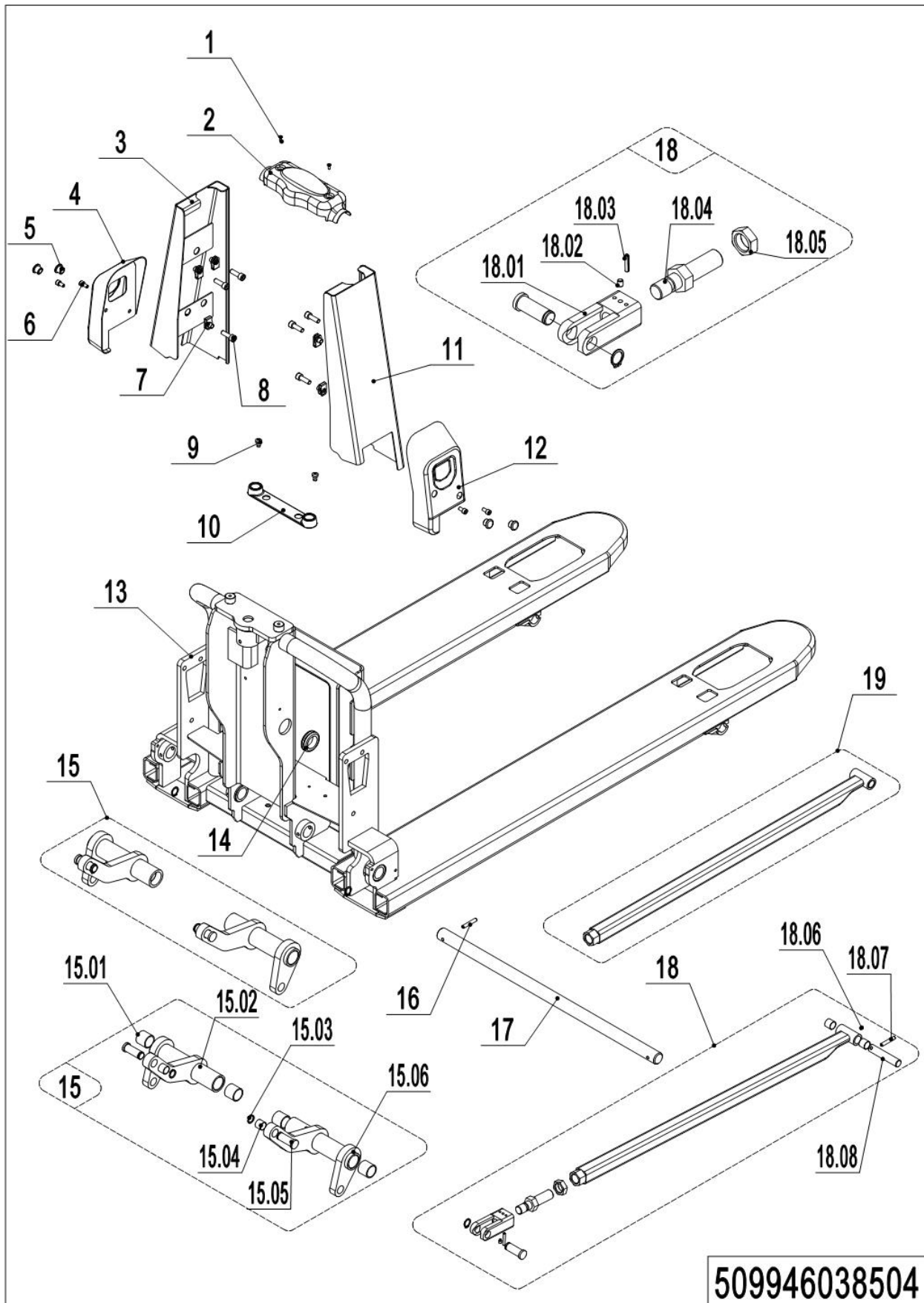
01 Truck Frame (509946038503)



01 Truck Frame (509946038503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400015	1	Screw	2		
2	509938520100		Cover	1		
3	509938510011		Side Plate2	1		
4	910200200156	1	Screw	4		
5	910200200157	1	Screw	2		
6	910200500034	1	Screw	2		
7	509938520009		Battery Rack	1		
8	940400400002	1	Cage Nut	2		
9	509938510010		Side Plate1	1		
10	509938510020	2	Chassis (540x1150)	1		
11	508098510001		Rise Arm	1		
11.01	940500100097		Bushing	2		
11.02	911200100002		Oil Cup	1		
11.03	508038510010		Rise Arm	1		
11.04	910401300007		Circlip	4		
11.05	940500100083		Bushing	8		
11.06	508038520041		Pin	4		
12	505621520036		Jacket	1		
13	910600400041		Spring Pin	1		
14	508038520027		Axle	1		
15	508038510011		Push Rod (1150)	2		
15.01	508038520028		Push Rod Fork	2		
15.02	910201000005	1	Screw	2		
15.03	910600500001		Spring Pin	4		
15.04	508038520029		Threaded Rod	2		
15.05	910300400008	1	Nut	2		
15.06	911200100001		Oil Cup	2		
15.07	910600400024		Spring Pin	2		
15.08	502338520030		Axle	2		
16	508038510011		Push Rod (1150)	1		

02 Truck Frame (509946038504)

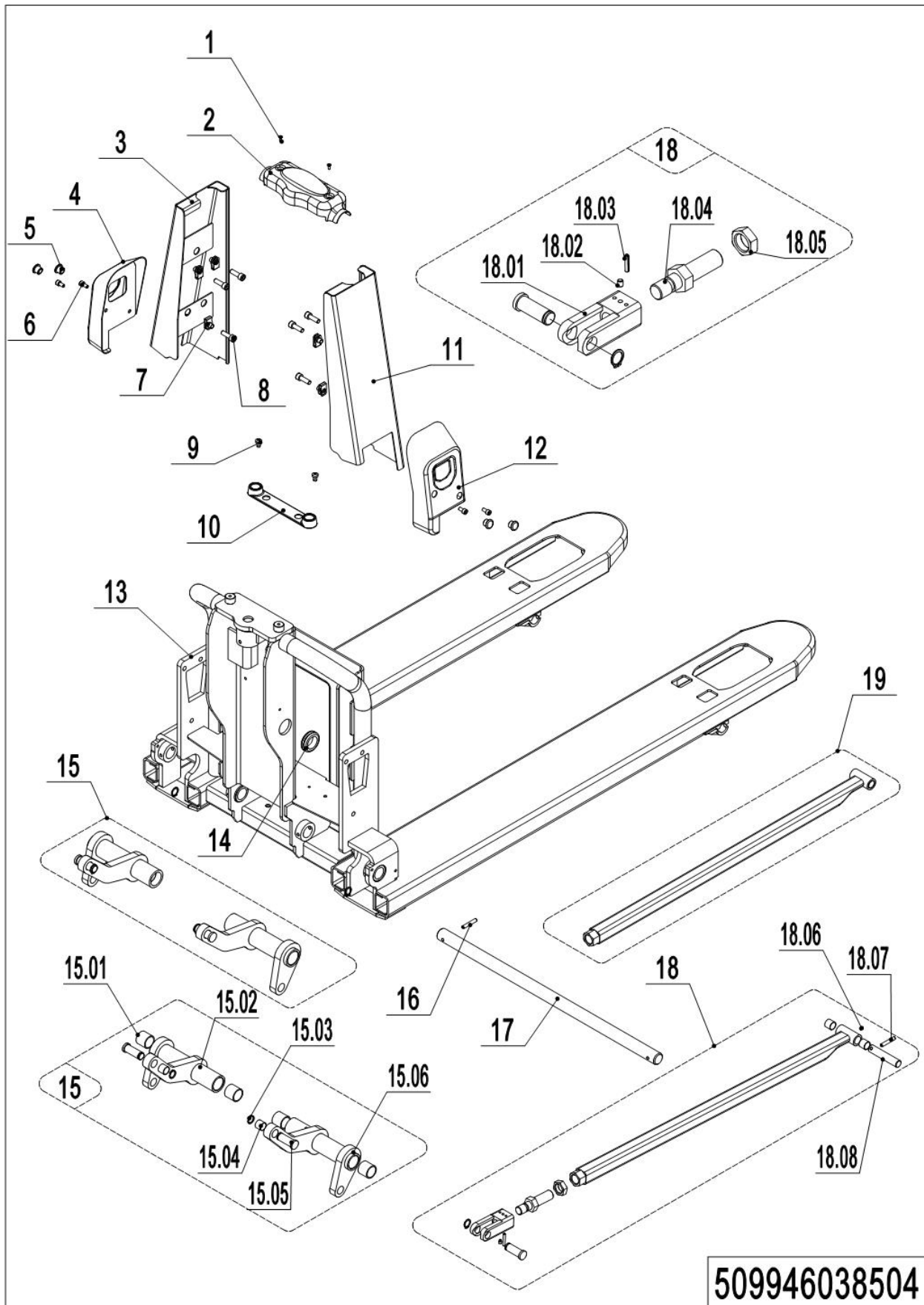


509946038504

02 Truck Frame (509946038504)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400015	1	Screw	2		
2	509938520100		Cover	1		
3	509938510013		Side Plate2	1		
4	509938510104		Side Cover(left 685)	1		
5	509938520103		Rubber Cover	4		
6	910200200033	1	Screw	4		
7	940400400002	1	Cage Nut	6		
8	910200200157	1	Screw	6		
9	910200500034	1	Screw	2		
10	509938520009		Battery Rack	1		
11	509938510012		Side Plate1	1		
12	509938510105		Side Cover(right 685)	1		
13	509938510021	2	Chassis (685x1150)	1		
14	505621520036		Jacket	1		
15	509998510000		Rise Arm	1		
15.01	940500100097		Bushing	2		
15.02	509938510014		Rise Arm	1		
15.03	910401300007		Circlip	4		
15.04	940500100083		Bushing	8		
15.05	508038520041		Pin	4		
15.06	509938510015		Rise Arm	1		
16	910600400041		Spring Pin	1		
17	508038520035		Axle	1		
18	508098510044		Push Rod Kit (1220)	2		
18.01	508038520028		Push Rod Fork	2		
18.02	910201000005	1	Screw	2		
18.03	910600500001		Spring Pin	4		
18.04	508038520029		Threaded Rod	2		
18.05	910300400008	1	Nut	2		
18.06	911200100001		Oil Cup	2		

02 Truck Frame (509946038504) Continuation

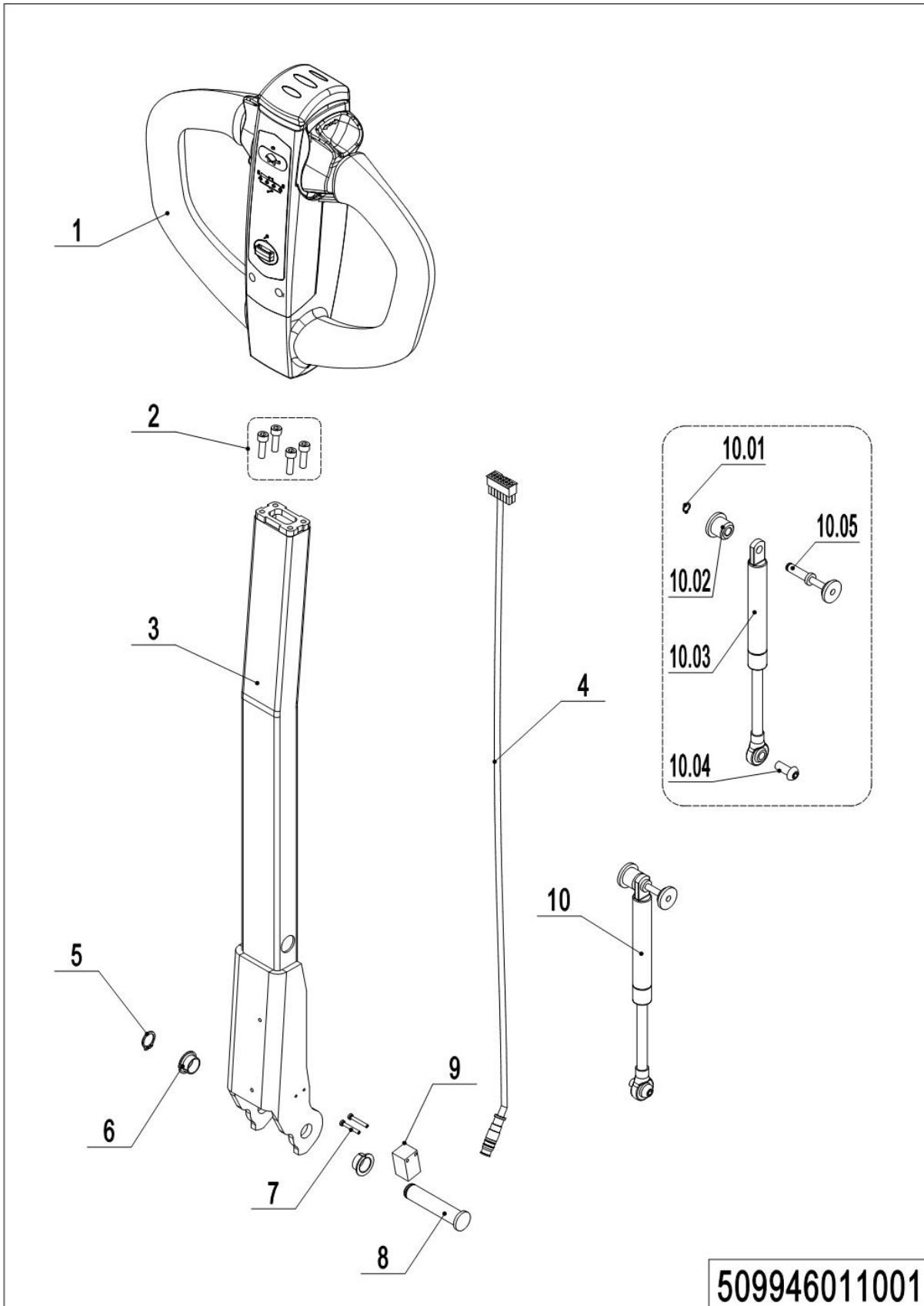


02 Truck Frame (509946038504) Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
18.07	910600400024		Spring Pin	2		
18.08	502338520030		Axle	2		
19	508038510011		Push Rod (1150)	2		

Chapter 4: Steering System, Braking System, Wheels

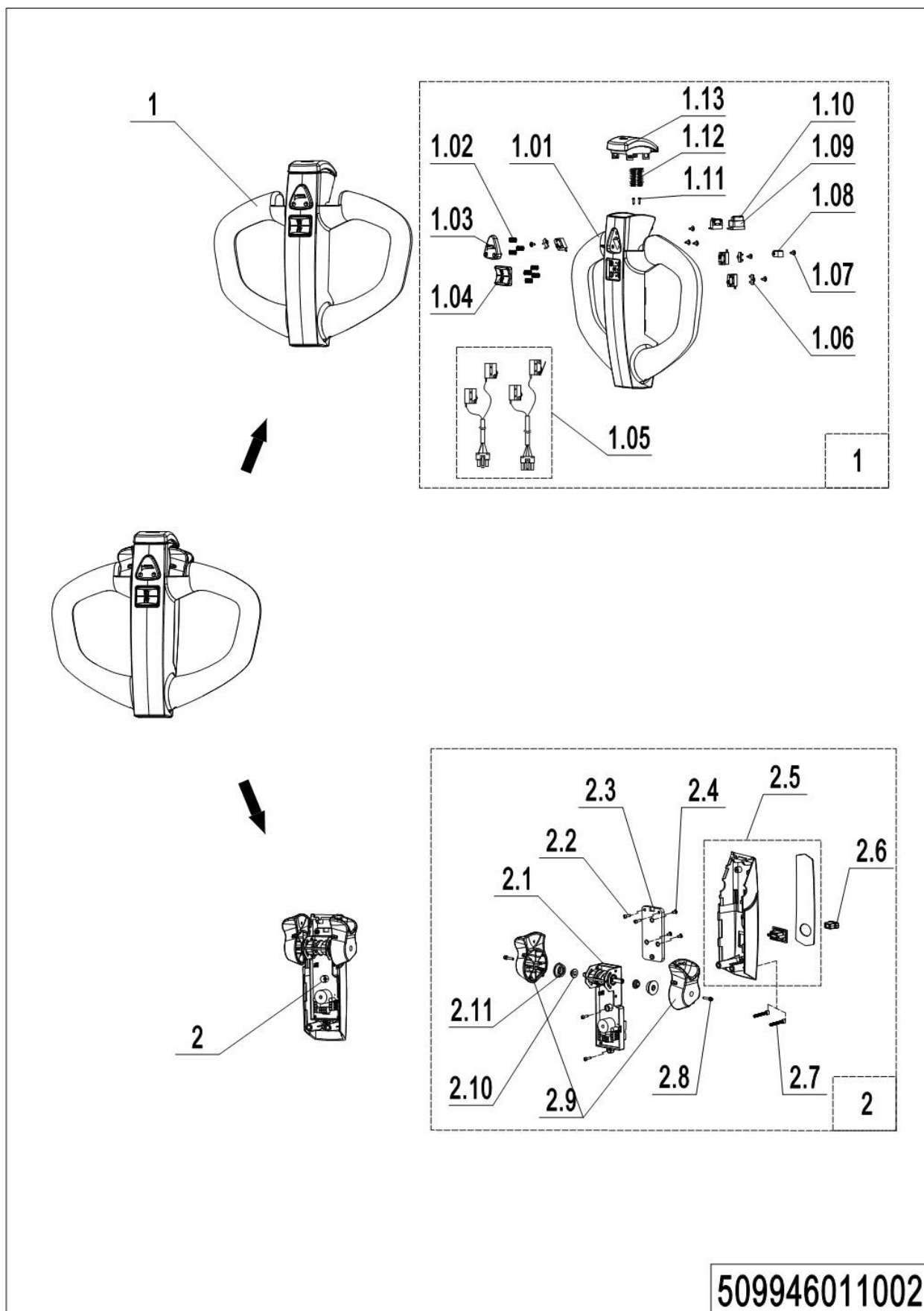
01 Tiller Unit (509946011001)



01 Tiller Unit (509946011001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	922100100079	2	Control Handle	1		T400C-1
2	910200200036	1	Screw	4		
3	509911010002		Tiller	1		
4	509933010007		Wire Harness	1		
5	910401300006		Circlip	1		
6	940500200001		Bushing	2		
7	941101100001	1	Screw	2		
8	508011020004		Pin	1		
9	920200400027		Proximity Switch	1		
10	508098510084		Gas Spring Kit	1		
10.01	910401300001		Circlip	1		
10.02	508011020005		Fixing Base	1		
10.03	508011010001		Gas Spring	1		
10.04	941100100011	1	Screw	1		
10.05	508011010002		Pin	1		

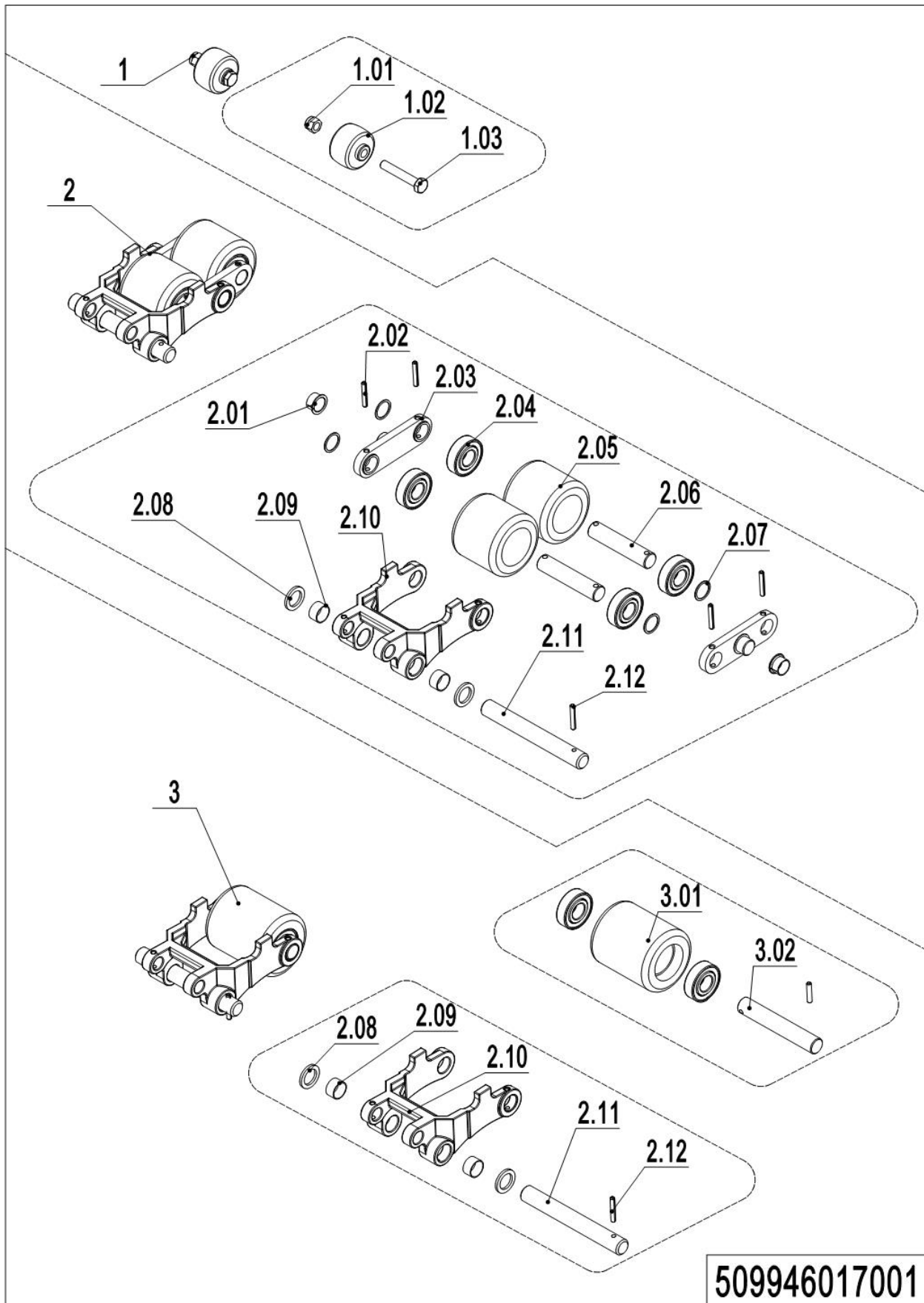
02 Tiller (509946011002)



02 Tiller (509946011002)

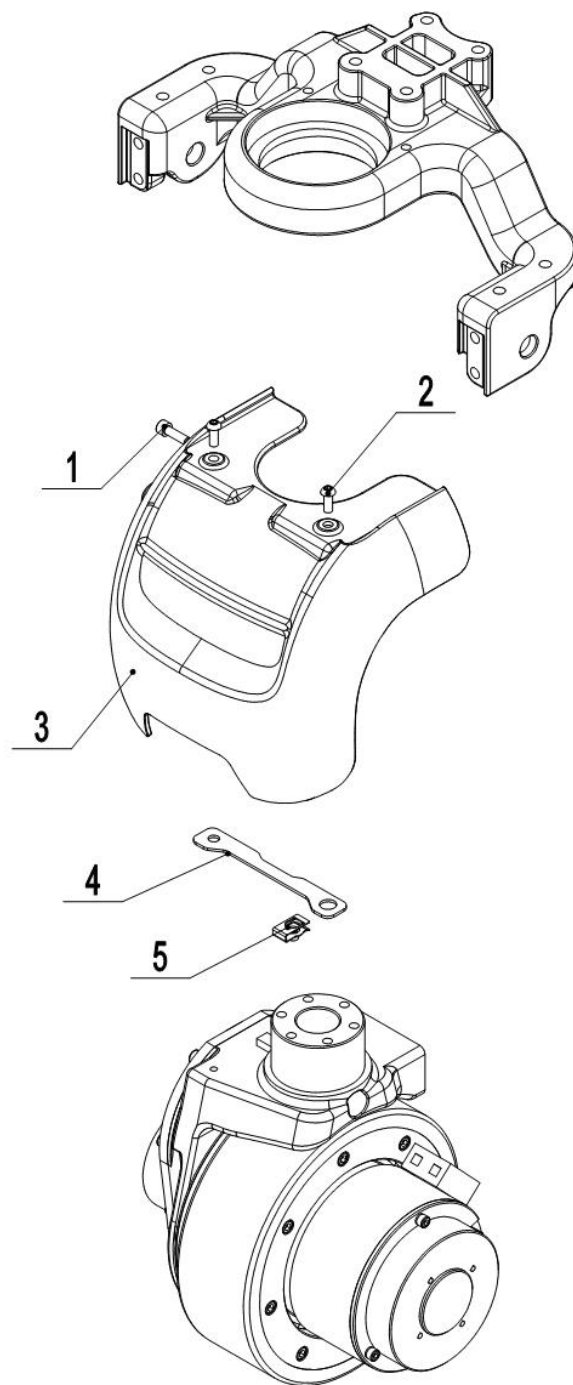
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509998510018	2	Handle Cap Kit	1		
1.01	509998520036	2	Handle Cap	1		
1.02	509998520037		Spring	7		
1.03	509998520038		Button Cap	1		
1.04	509998520039		Button Cap	1		
1.05	509998510019		Microswitch Kits	1		
1.06	509998520045		Locating Plate	3		
1.07	910200600002	1	Screw	7		
1.08	509998520044		Cable Clip	1		
1.09	509998520042		Fixing Mount	1		
1.10	509998520043		Hoop	1		
1.11	910201400001	1	Screw	2		
1.12	509998520041		Spring	1		
1.13	509998520040		Switch	1		
2	509998510020	2	Handle Cap Kit	1		
2.01	509998520046		Accelerator	1		
2.02	910200400004	1	Screw	4		
2.03	509998520047		Fixing Plate	1		
2.04	910200500019	1	Screw	3		
2.05	509998510021		Handle Cap Kit	1		
2.06	509998520048		key	2		
2.07	910200200030	1	Screw	2		
2.08	910200200004	1	Screw	2		
2.09	509998510022		Traction lever	1		
2.10	509998520049		Sleeve	2		
2.11	509998520050		Spacer Bush	2		

03 Load Wheel (Tandem) (509946017001)



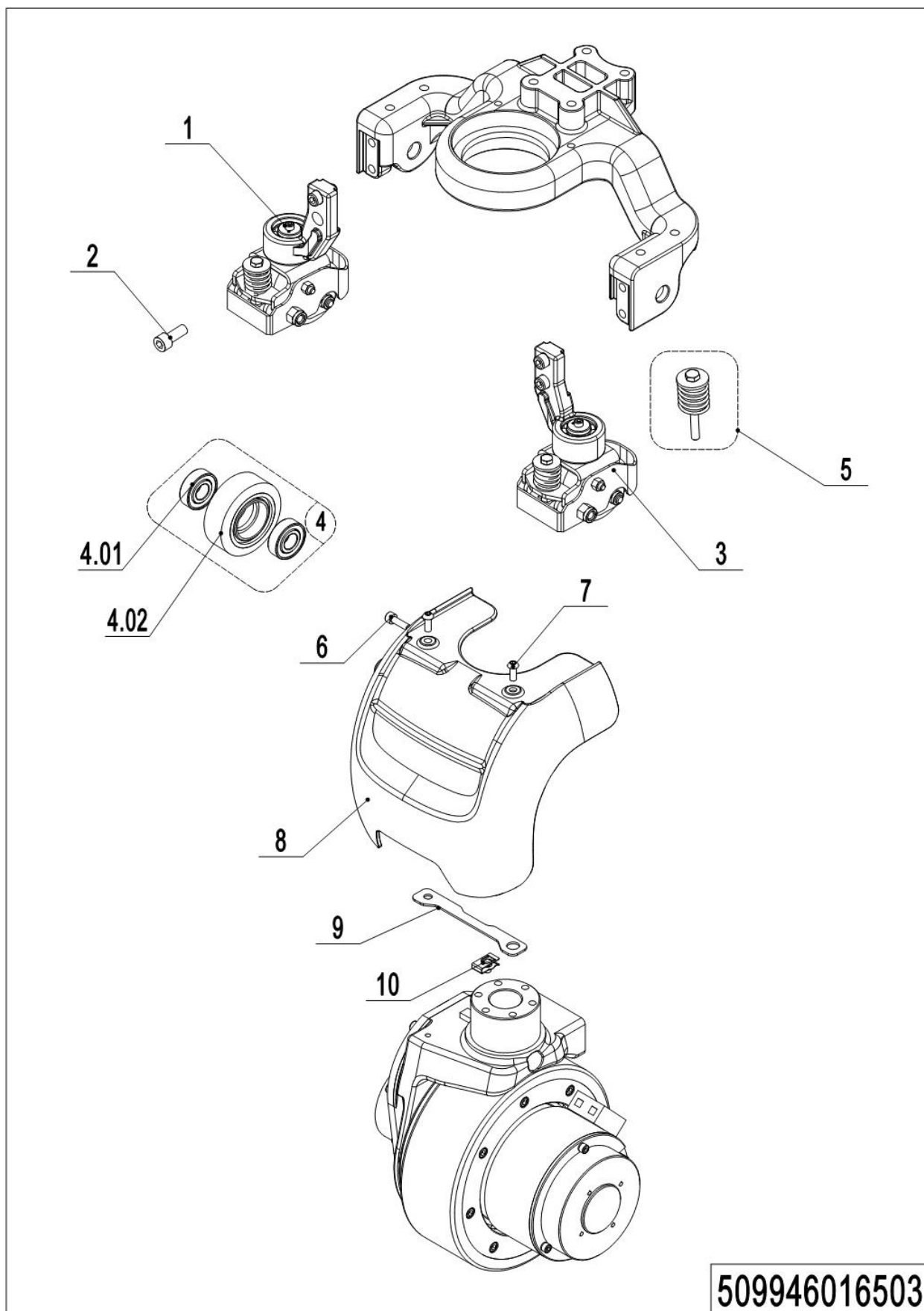
03 Load Wheel (Tandem) (509946017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	502398510003		Pulley components	2		
1.01	910300500005	1	Nut	2		
1.02	505638520039		Running Pulley	2		
1.03	941100200019	1	Bolt	2		
2	509998510004		Wheel	2		
2.01	940500200038		Bushing	4		
2.02	910600400027	1	Spring Pin	8		
2.03	502317020000		Plate	4		
2.04	910700200019		Bearing	8/4		double /Single
2.05	940300300005		Wheel Φ 80x70	4		
2.06	502317020001		Axle	4		
2.07	940600500013		Washer	8/4		double /Single
2.08	502338520033		Roller	4		
2.09	940500100088		Bushing	4		
2.10	508038520110		Riser	2		
2.11	502338520031		Pin	2		
2.12	910600400025		Spring Pin	2		
3	509998510005	2	Wheel	2		
3.01	940300300023		Wheel Φ 80x93	2		
3.02	301017020001		Axle	2		

04 Caster (509946016504)**509946016504**

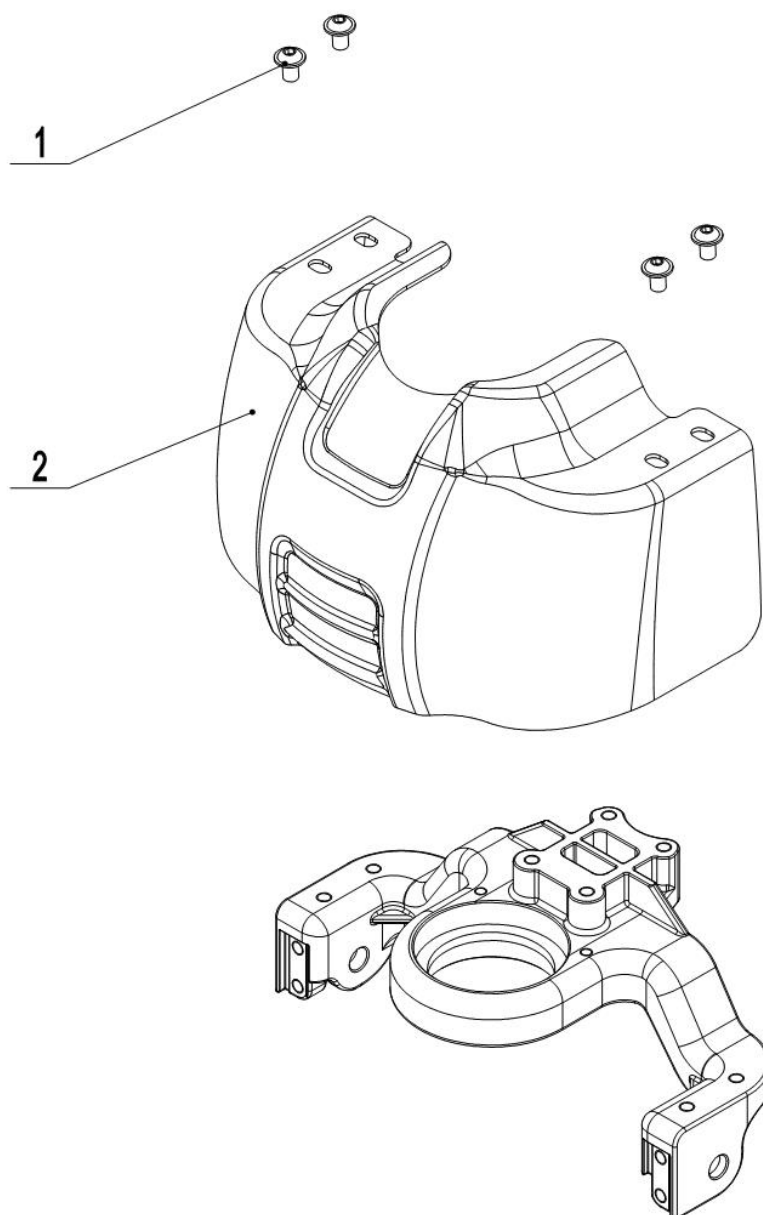
04 Caster (509946016504)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200036	1	Screw	1		
2	910200300019	1	Screw	2		
3	509916520002		Apron	1		
4	509916520003		Fixing Plate	1		
5	940400400001	1	Cage Nut	1		

05 Caster (509946016503)

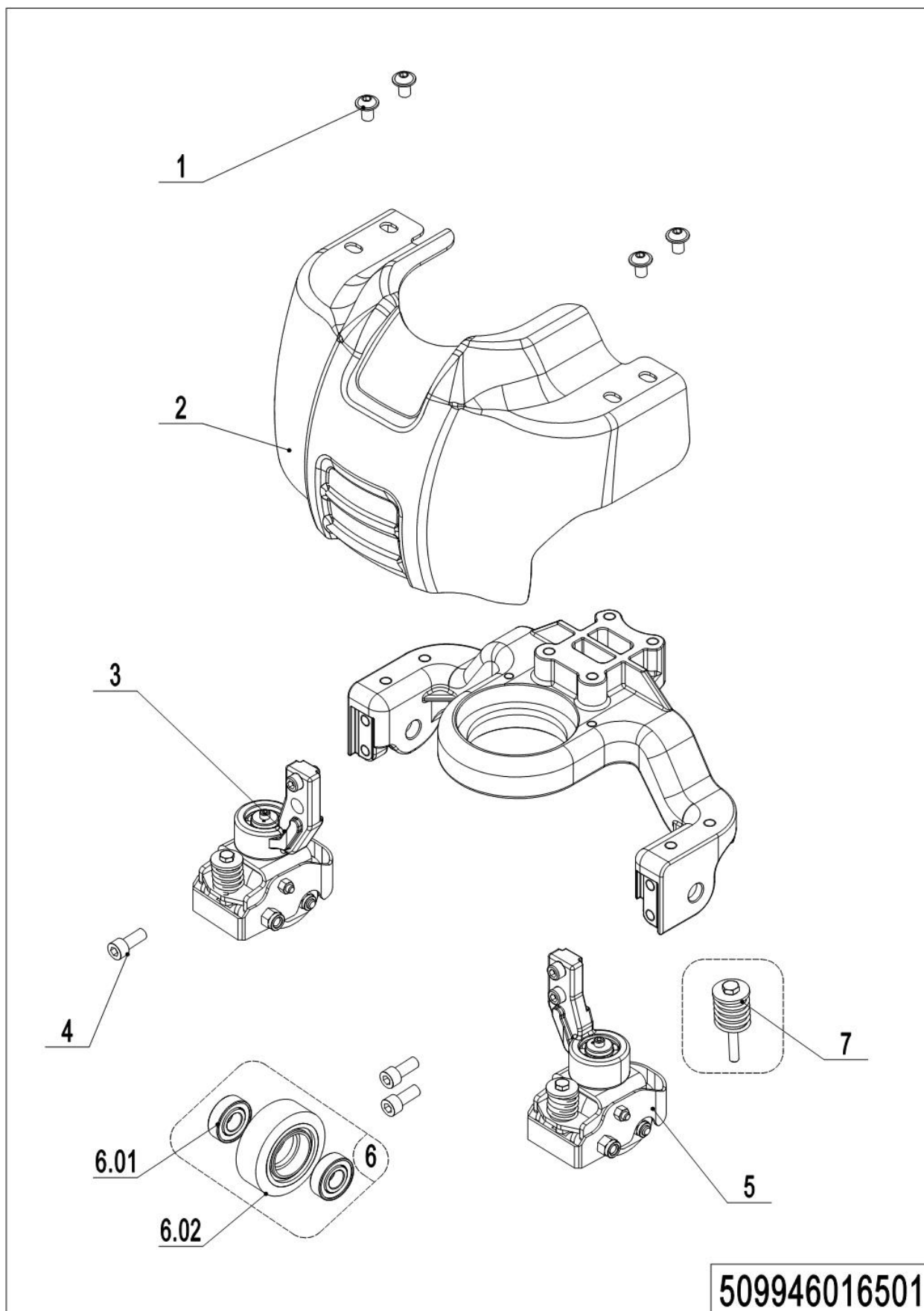
05Caster (509946016503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	508016510002		Caster Assembly	1		
2	910200200076	1	Screw	4		
3	508016510005		Caster Assembly	1		
4	502398510015	2	Load Wheel Kit	2		
4.01	910700200018		Bearing	4		
4.02	940300300017		Wheel Φ 80x30	2		
5	508098510047		Spring Components	2		
6	910200200036	1	Screw	1		
7	910200300019	1	Screw	2		
8	509916520002		Apron	1		
9	509916520003		Fixing Plate	1		
10	940400400001	1	Cage Nut	1		

06Caster (509946016502)**509946016502**

06 Caster (509946016502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941100100005	1	Screw	4		
2	509916520000		Apron	1		

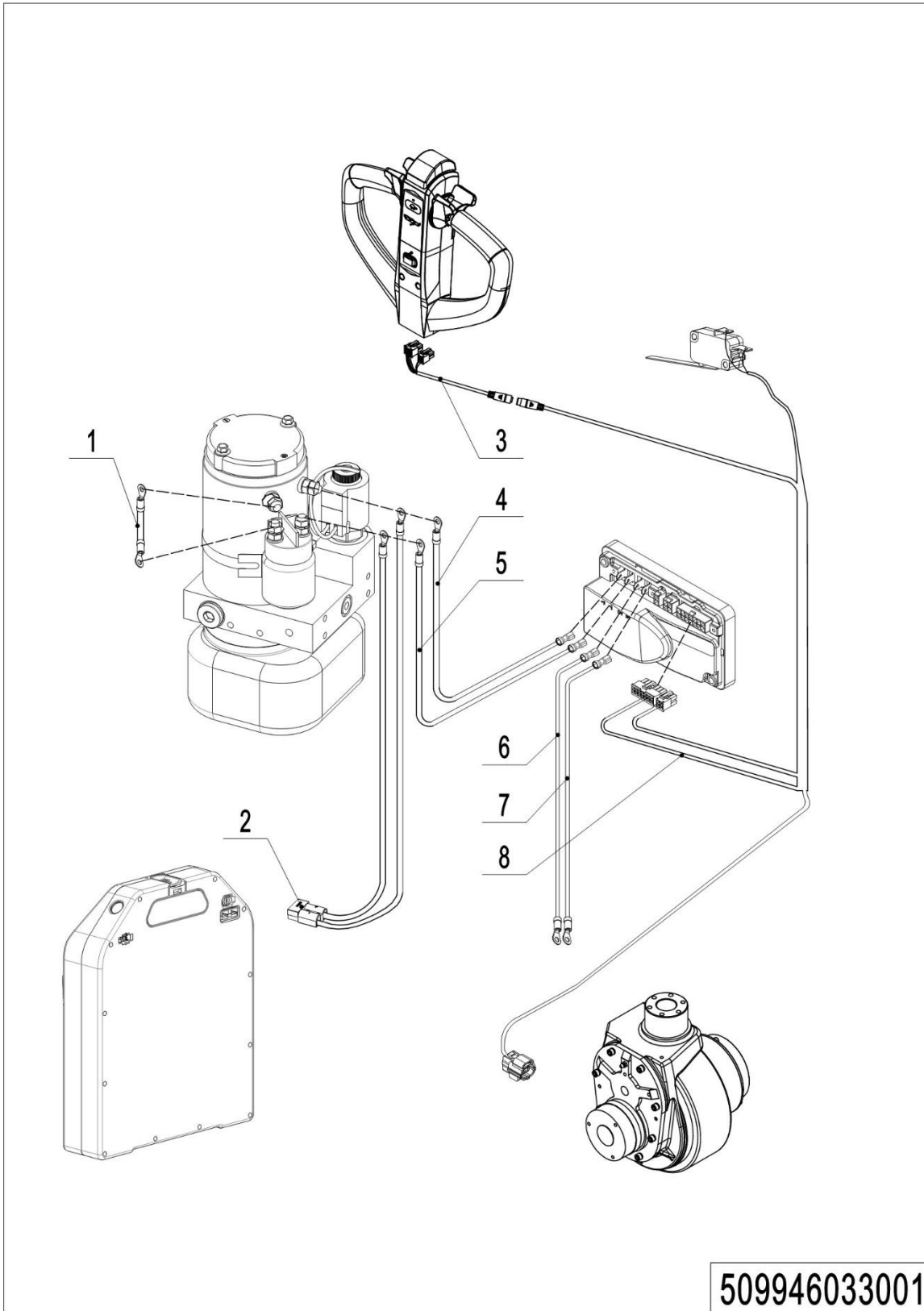
07 Caster (509946016501)

07 Caster (509946016501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941100100005	1	Screw	4		
2	509916520001		Apron	1		
3	508016510002		Caster Assembly	1		
4	910200200076	1	Screw	4		
5	508016510005		Caster Assembly	1		
6	502398510015	2	Load Wheel Kit	2		
6. 01	910700200018		Bearing	4		
6. 02	940300300017		Wheel Φ 80x30	2		
7	508098510047		Spring Components	2		

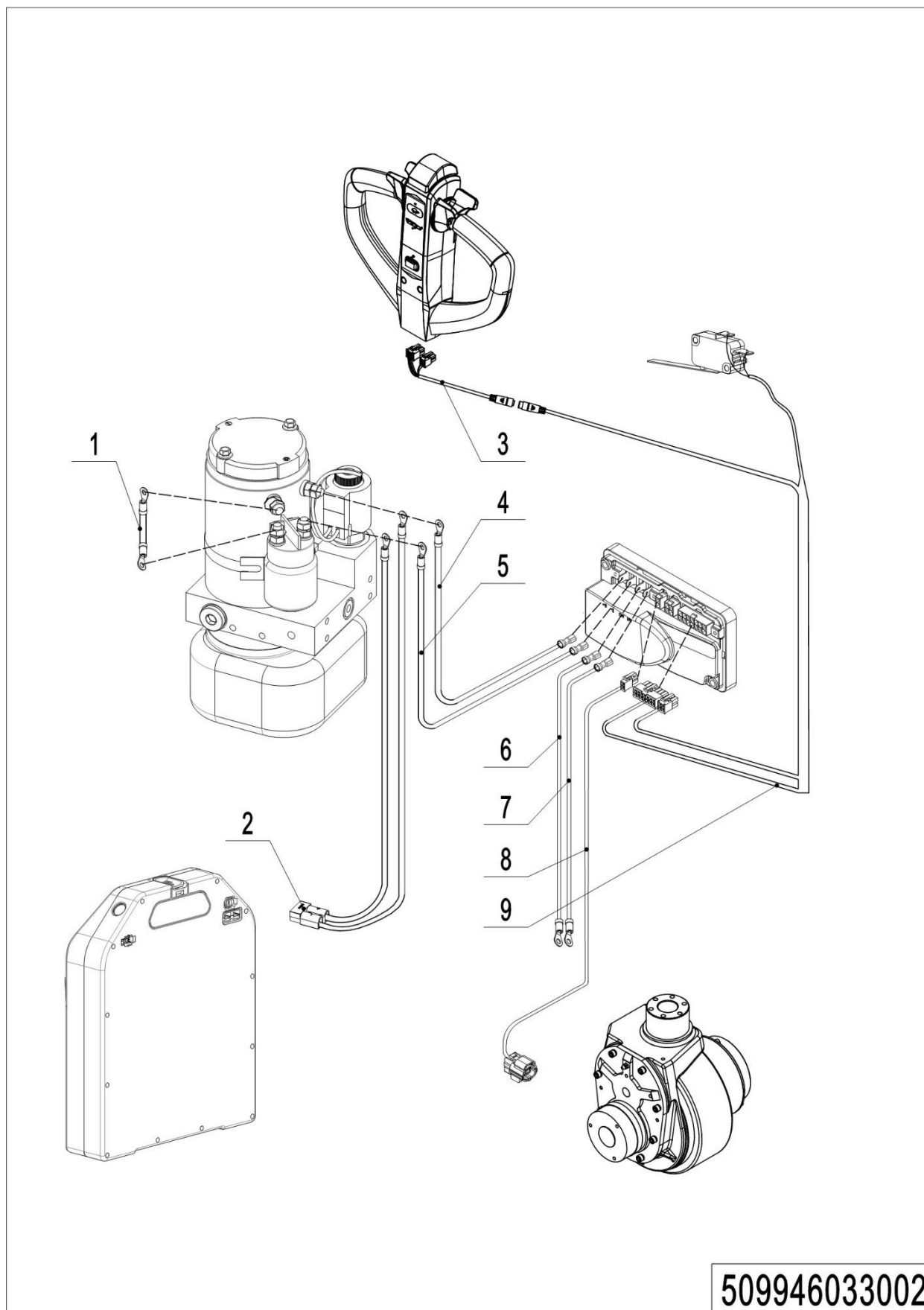
Chapter 5: Electrical Parts

01 Wire Harness (509946033001)



01 Wire Harness (509946033001)

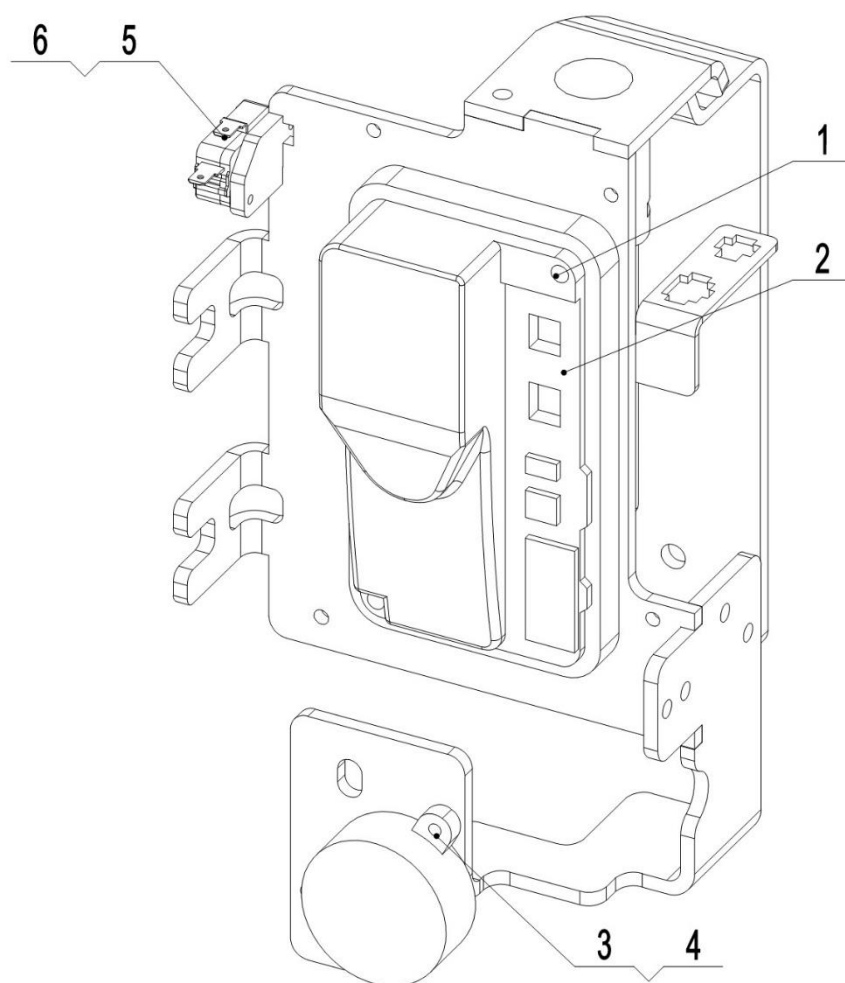
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509933010012		Cables	1		
2	509933010006		Wire Harness	1		
3	509933010007		Wire Harness	1		
4	509933010013		Cables	1		JC
5	509933010014		Cables	1		JC
6	509933010015		Cables	1		JC
7	509933010016		Cables	1		JC
8	509933010025		Wire Harness	1		JC

02 Wire Harness (509946033002)

02 Wire Harness (509946033002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509933010012		Cables	1		
2	509933010006		Wire Harness	1		
3	509933010007		Wire Harness	1		
4	509933010008		Cables	1		CURITS
5	509933010011		Cables	1		CURITS
6	509933010009		Cables	1		CURITS
7	509933010010		Cables	1		CURITS
8	508033010007		Wire Harness	1		CURITS
9	509933010000		Wire Harness	1		CURITS

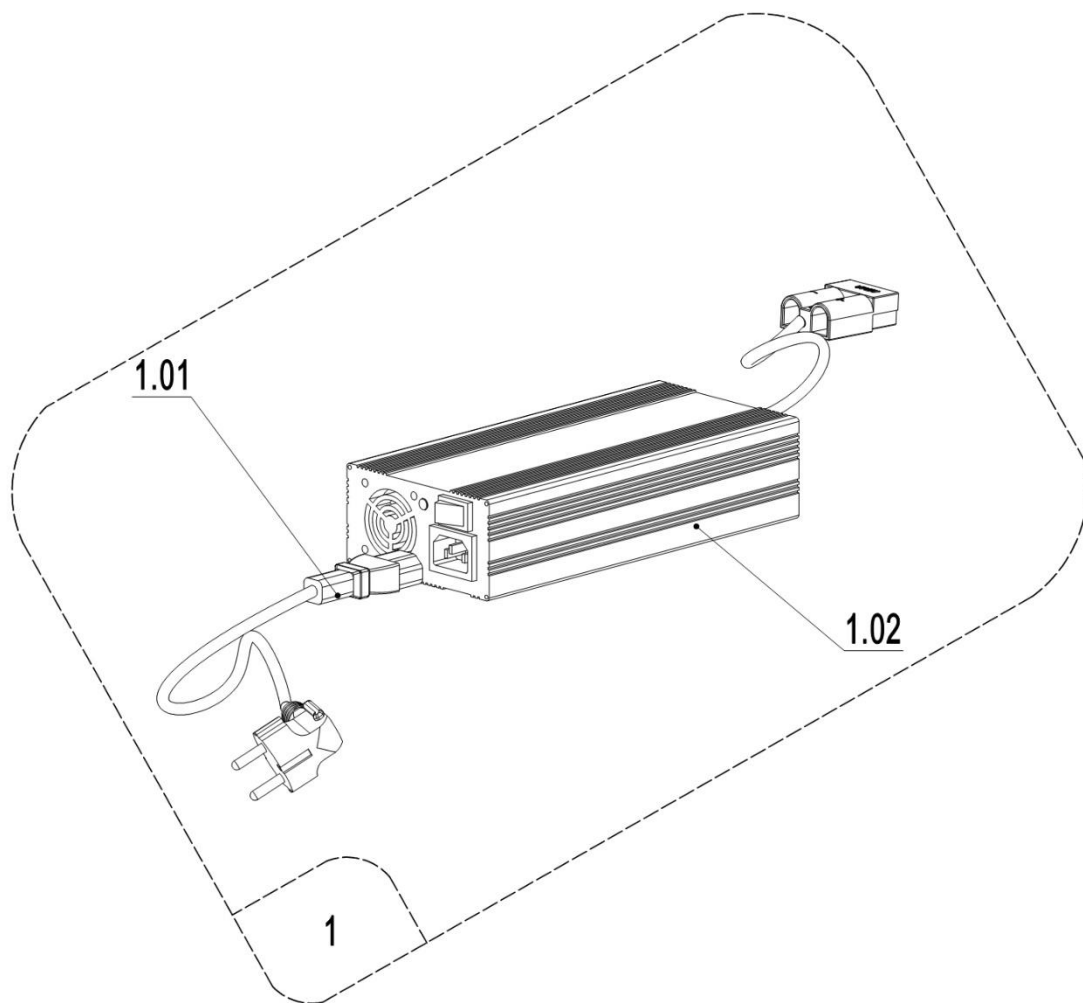
03 Wire Harness (509946033003)



509946033003

03 Controller (509946033003)

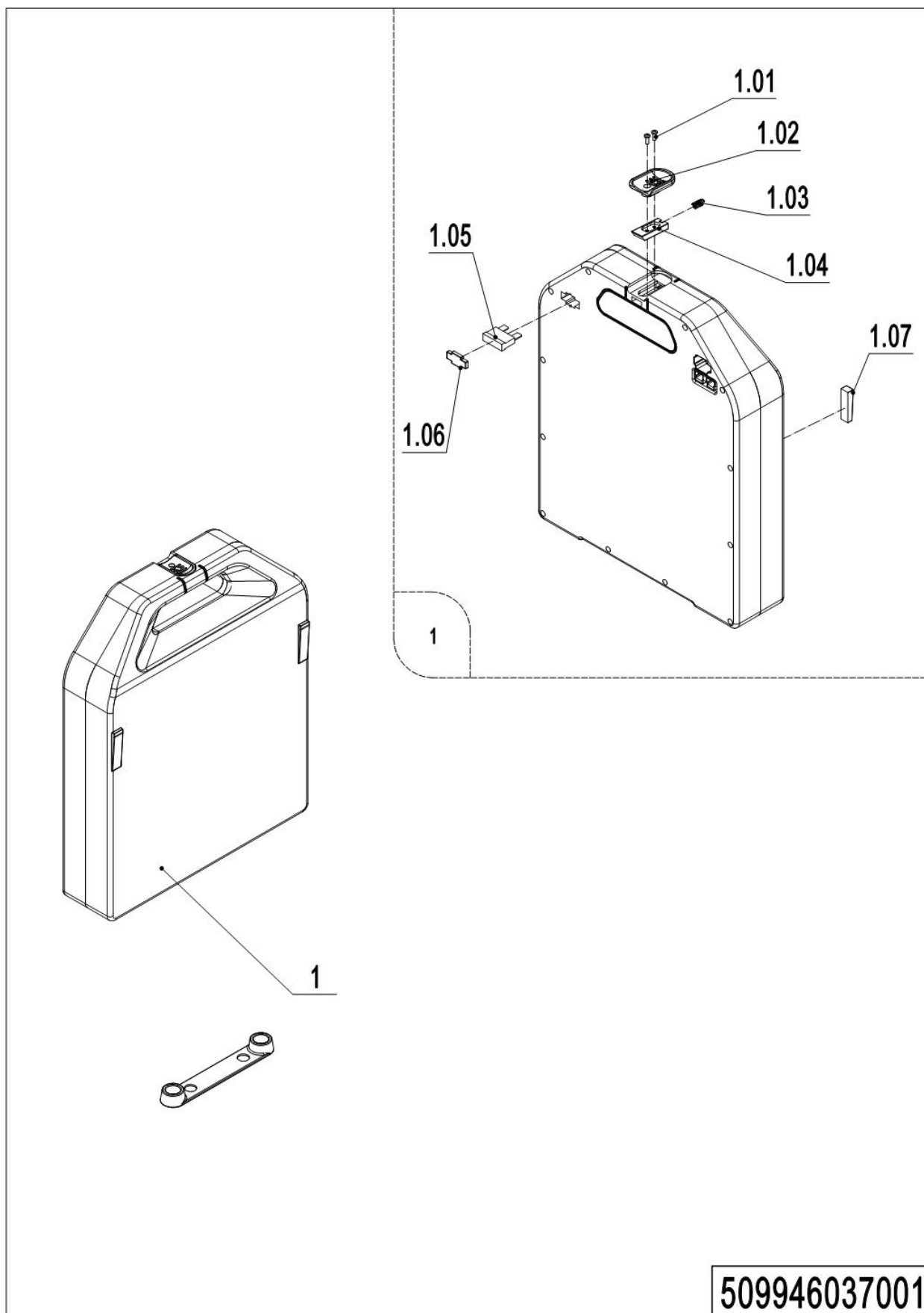
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200025	1	Screw	2		
2	921400100081		Controller	1		CURITS
3	921400100129		Controller	1		JC
4	910200300002	1	Screw	2		
5	920500100003		Horn	1		
6	910200200004	1	Screw	2		
7	920200300012		Microswitch	1		

04Charger (509946036501)**509946036501**

03 Charger (509946036501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921000200615		charger24V5A (Asia)	1		
1	921000200570		charger24V8A (Asia)	1		
1	509936510002		charger24V8A (US)	1		
1. 01	921500200023		Power cord 3x0.75 (US)	1		
1. 02	921000200583		chargerSS24V8A (US)	1		

05 Traction Battery (509946037001)

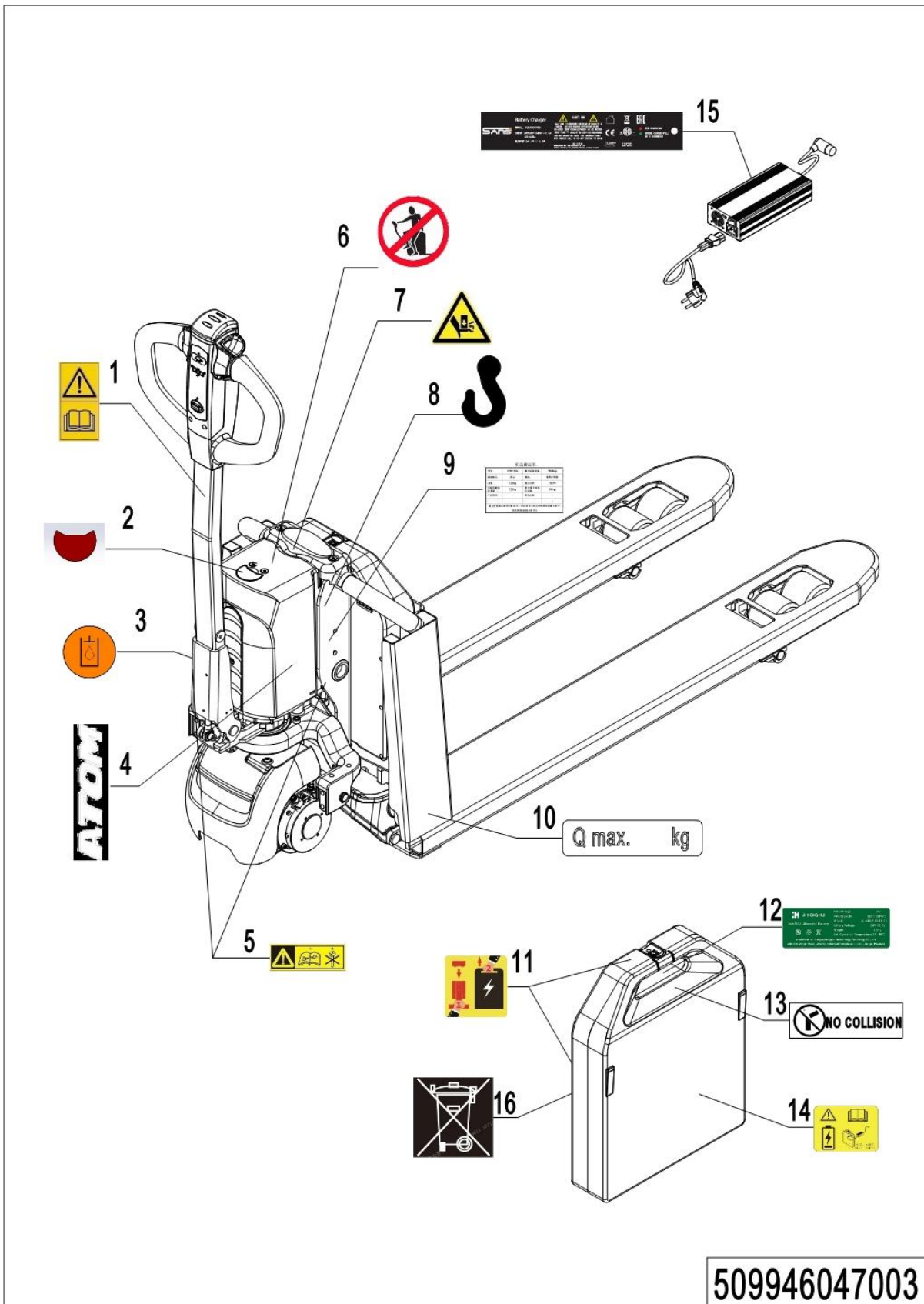


05 Traction Battery (509946037001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509937010011		Li	1		
1.01	910200500011	1	Screw	2		
1.02	508098520022	2	Plastic Handle	1		
1.03	508098520024	2	Spring	1		
1.04	508098520023	2	Fixing Mount	1		
1.05	920100200006		Fuse	1		
1.06	508098520021	2	waterproof plug	1		
1.07	509998520000		Stop Block	2		

Chapter 6: Others

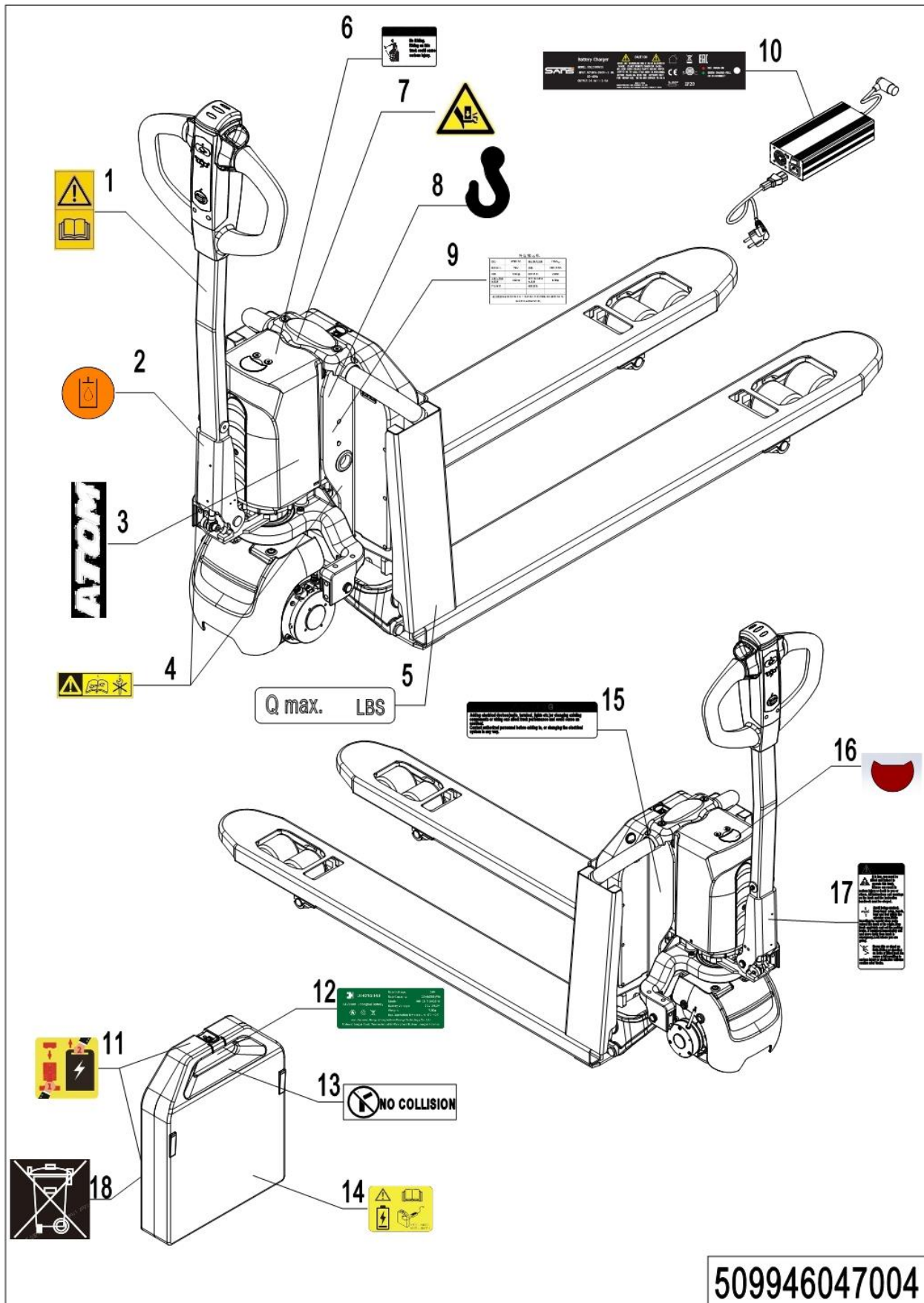
01 Labels and Decals-EU (509946047003)



01 Labels and Decals-EU (509946047003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300002		Label	1		
2	509947020006		Label	1		
3	941200300003		Label	1		
4	509947020001		Label	1		
5	508047020004		Label	2		
6	941200100003		Label	2		
7	508047020007		Label	1		
8	941200300001		Label	2		
9	509947520000		Truck data plate	1		
10	941200200009		Label	2		
11	509947020002		Label	2		
12	509947020003		Label	1		
13	508047020002		Label	1		
14	509947020004		Label	1		
15	509947020005		Label	1		
16	508047020015		Label	1		

02 Labels and Decals-US (509946047004)

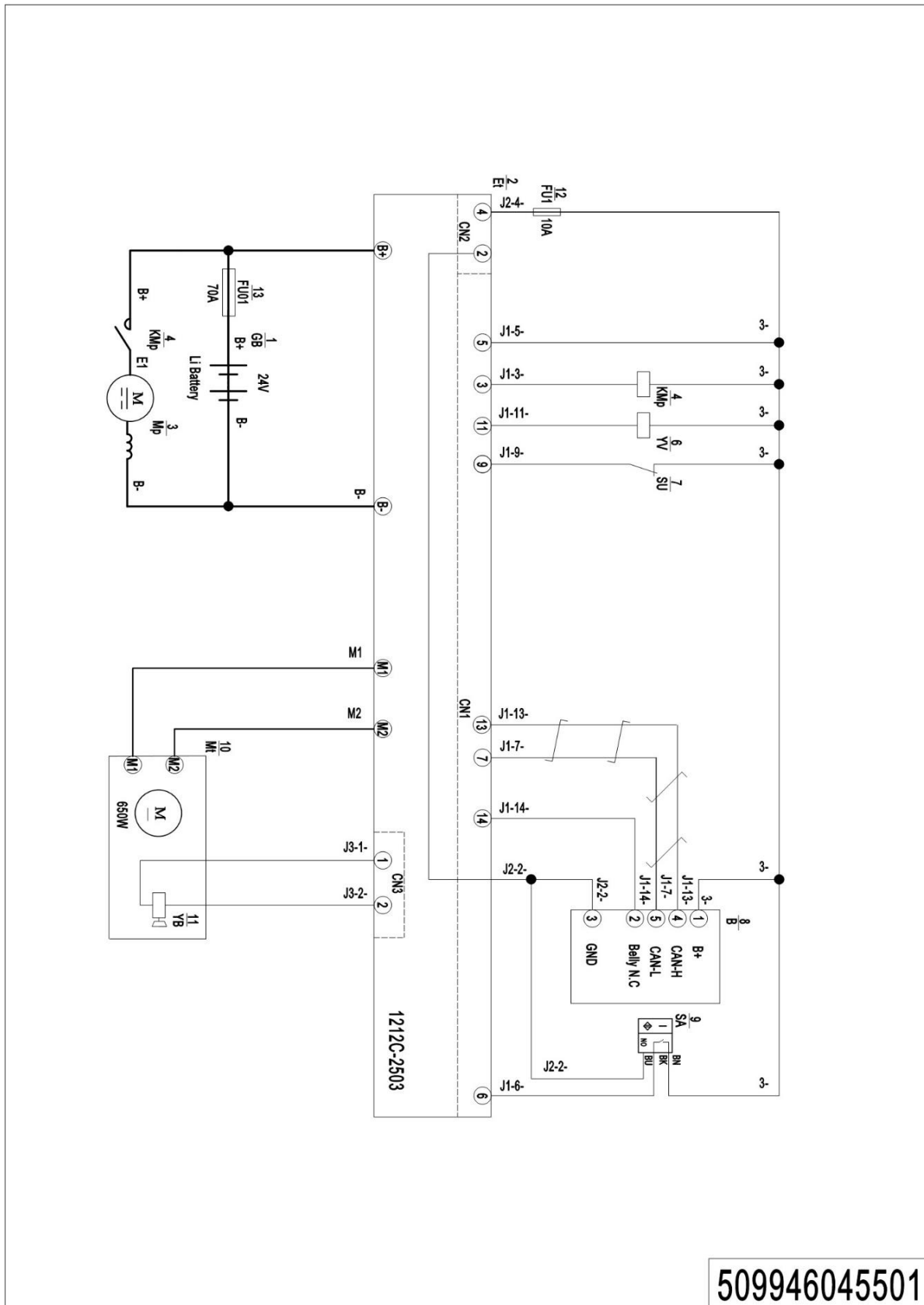


02 Labels and Decals-US (509946047004)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300002		Label	1		
2	941200300003		Label	1		
3	509947020001		Label	1		
4	508047020004		Label	2		
5	941200200009		Label	2		
6	941200100011		Label	1		
7	508047020007		Label	1		
8	941200300001		Label	2		
9	509947520000		Truck data plate	1		
10	509947020005		Label	1		
11	509947020002		Label	2		
12	509947020003		Label	1		
13	508047020002		Label	1		
14	509947020004		Label	1		
15	941200100010		Label	1		
16	509947020006		Label	1		
17	941200100009		Label	1		
18	508047020015		Label	1		

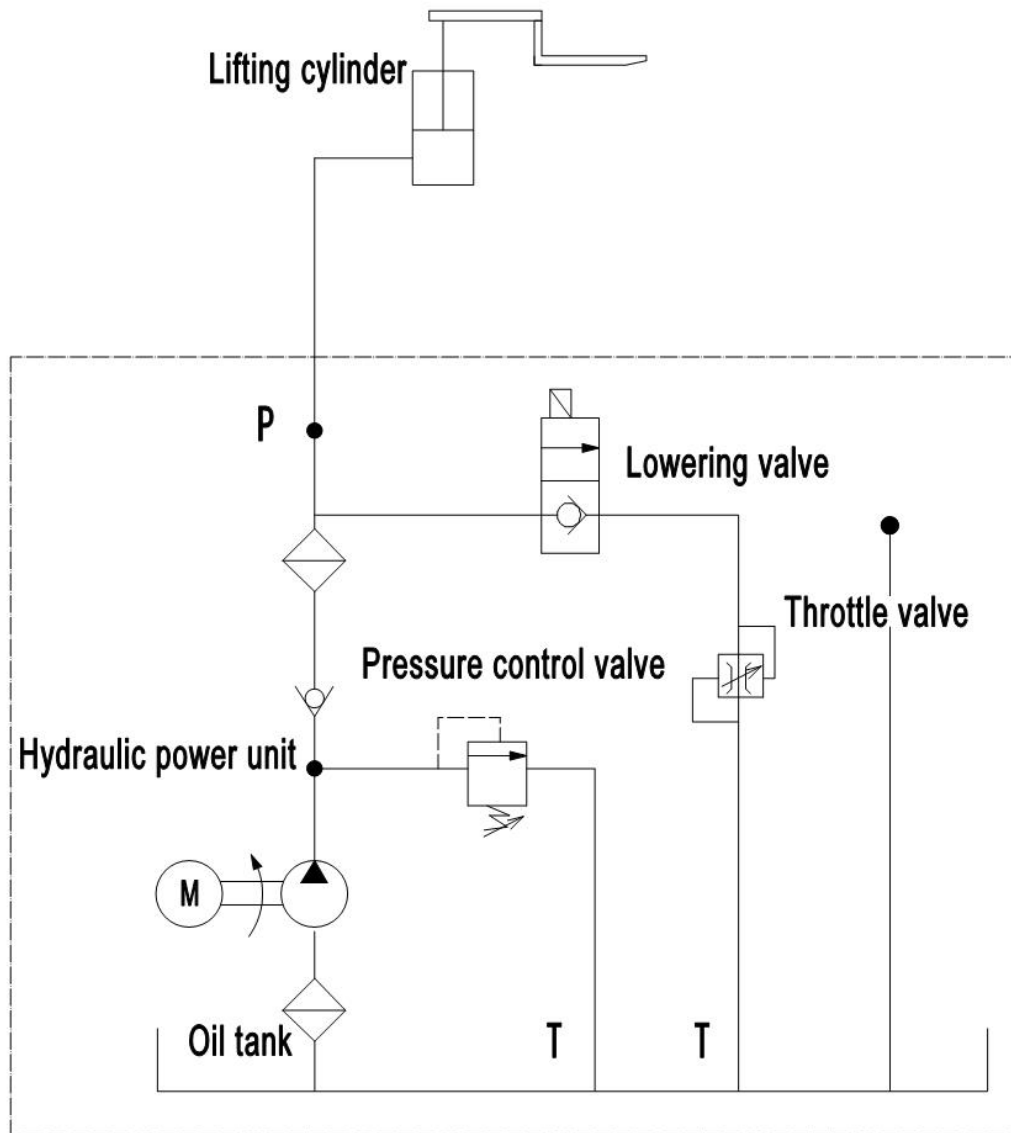
Appendix

01 Electrical Circuit Diagram (509946045501)





03 Hydraulic Circuit Diagram (508046045502)



508046045502

03 Consumable Parts List

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	910700200058	Bearing	1	Chapter 1/01/5
2	910700600044	Bearing	1	Chapter 1/01/7
3	508098510018	Seal Kit	1	Chapter 2/01/11. 01
4	508598510004	Seal Kit	1	Chapter 2/01/11. 03
5	961001300010	Wheel	1	Chapter 2/03/9
6	910700200044	Bearing	2	Chapter 2/03/10
7	910700200057	Bearing	1	Chapter 2/03/22
8	910700200046	Bearing	1	Chapter 2/03/22
8	940500100097	Bushing	2	Chapter 3/01/11. 01Chapter 2/02/15. 01
9	940500100083	Bushing	8	Chapter 3/01/11. 05Chapter 2/02/15. 04
10	940500200001	Bushing	2	Chapter 4/01/06Chapter 4/03/06Chapter
11	508011010001	Gas Spring	1	Chapter 4/01/10. 3Chapter 4/03/10. 3
12	508011010001	Gas Spring	1	Chapter 4/05/10. 3
13	940500200038	Bushing	4	Chapter 4/07/2. 01
14	910700200019	Bearing	8/4	Chapter 4/07/2. 04
15	940300300005	Wheel Φ 80x70	4	Chapter 4/07/2. 05
16	940500100088	Bushing	4	Chapter 4/07/2. 09
17	940300300023	Wheel Φ 80x93	2	Chapter 4/07/3. 01
18	910700200018	Bearing	4	Chapter 4/08/6. 01Chapter 4/10/4. 01
19	940300300017	Wheel Φ 80x30	2	Chapter 4/08/6. 02Chapter 4/10/4. 02
20	920100200006	Fuse	1	Chapter 5/04/1. 05