

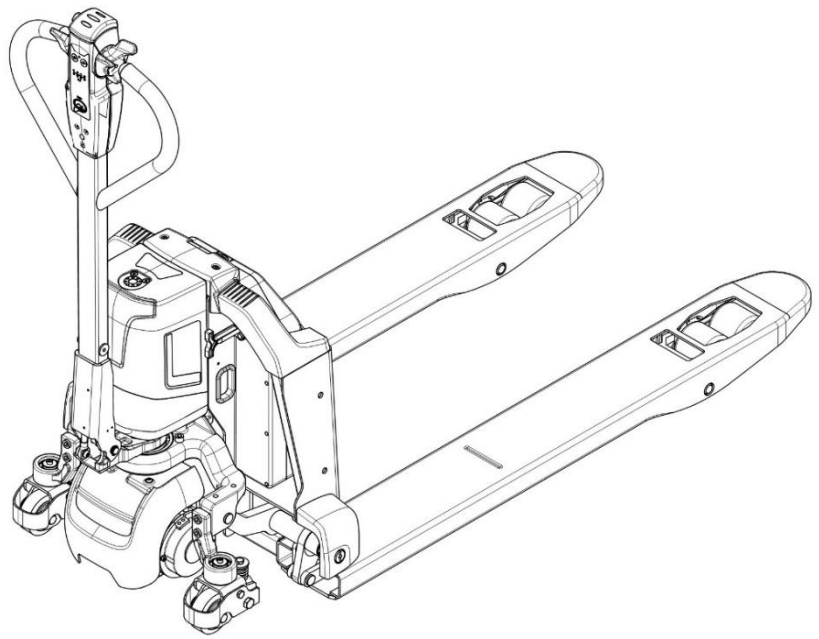
Print Number:

Print Date:

Electric Pallet Truck PTE15Q3

PARTS MANUAL

510846020101



Version: V01

Truck Identification Number From:

Parts Manual

PTE15Q3-A-PM01EN

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.

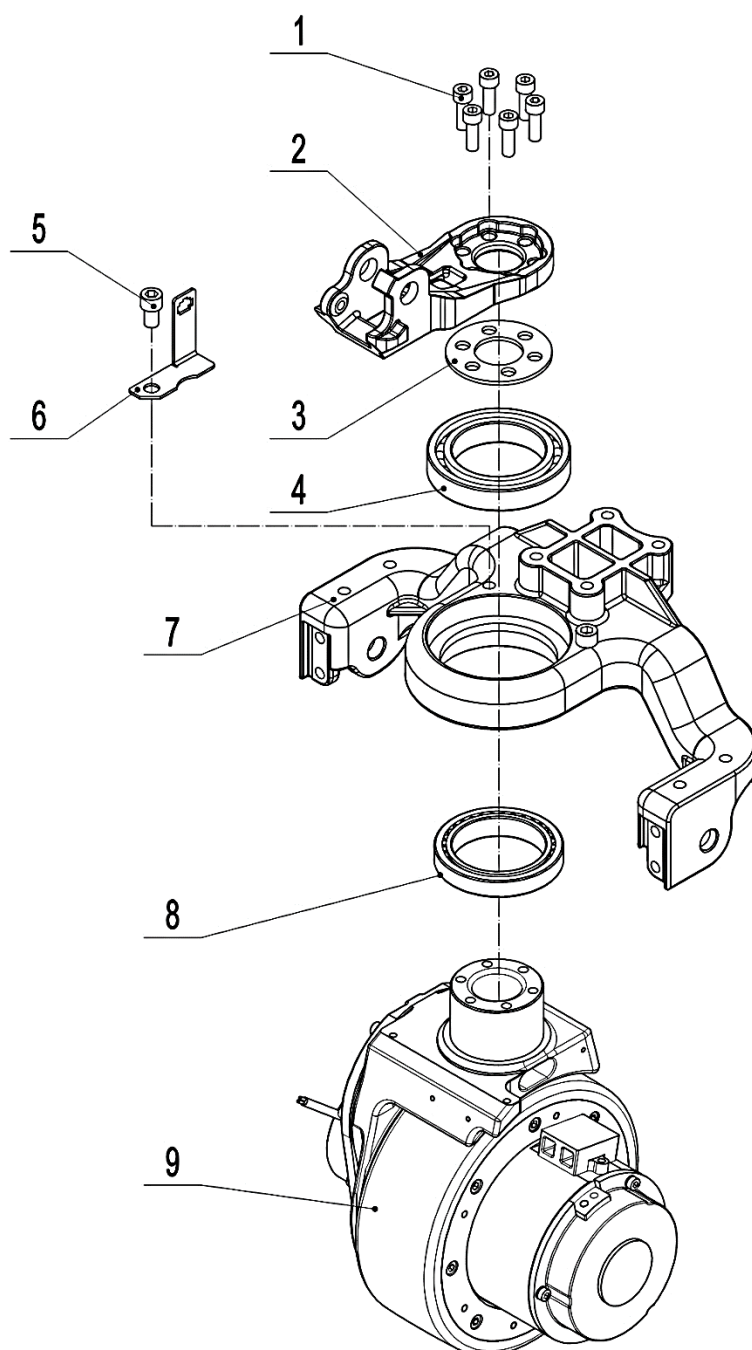
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Chapter 1: Drive System

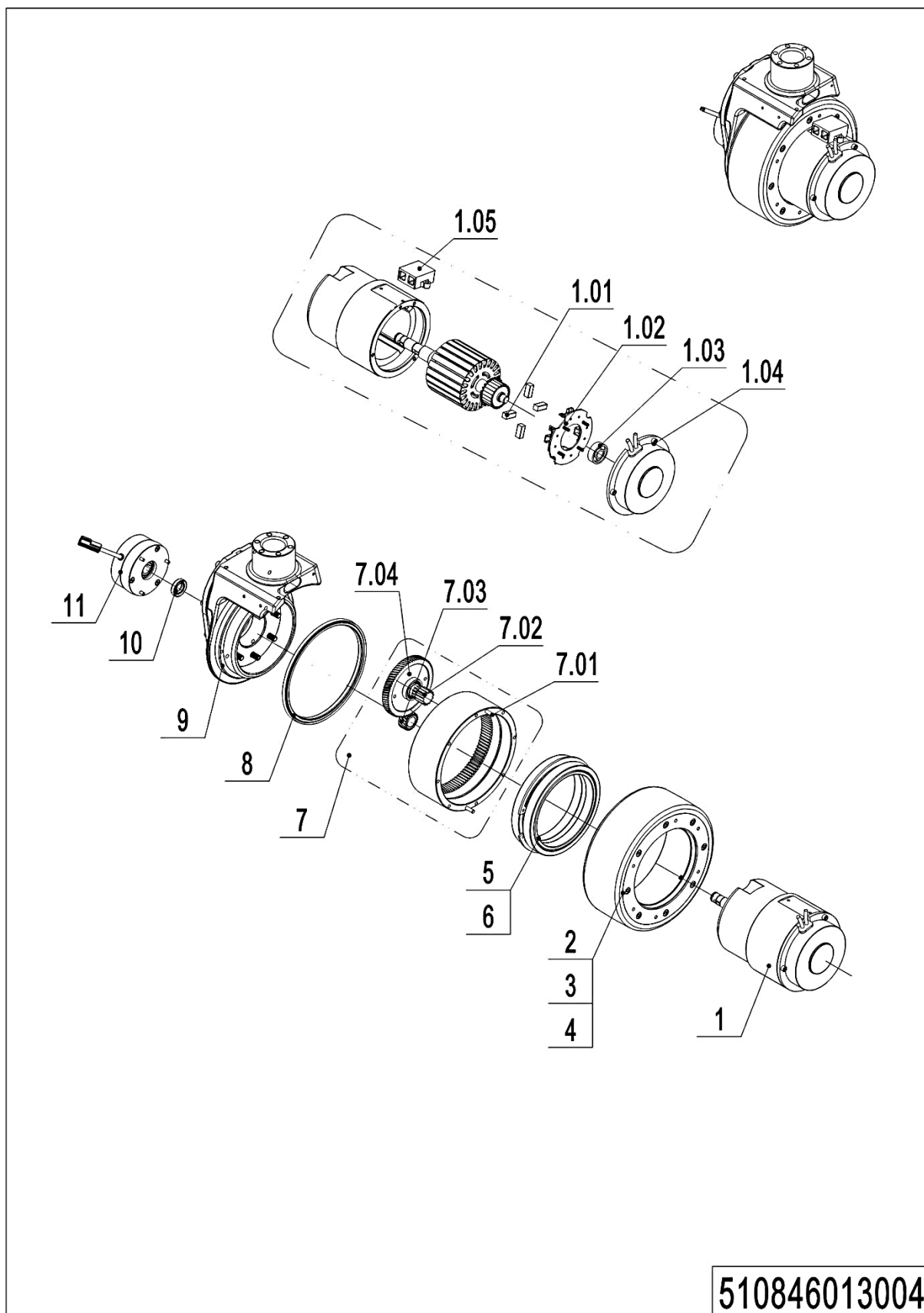
01 Drive Unit Steering(15Q2)(510846013501)



510846013501

01 Drive Unit Steering (15Q2) (510846013501)

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	910200200074	1	Screw	2		
6	510813520001		Bracket	1		
7	509913520006		Wheel Mount	1		
8	910700600044		Bearing	1		
9	940900100079		Drive Unit	1		YX210

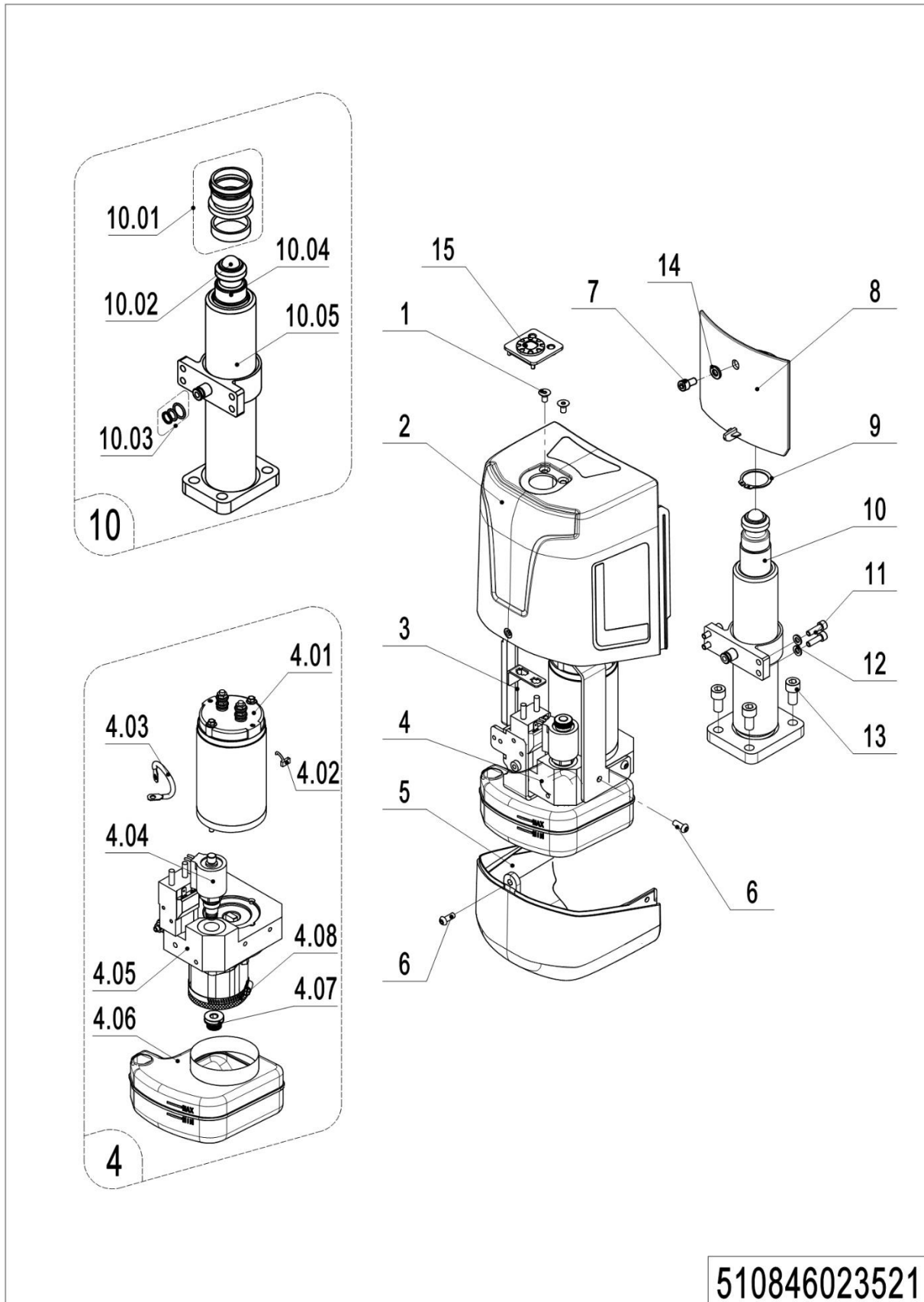
02 Drive Assembly(15Q2)(510846013002)

02 Drive Assembly(15Q2)(510846013002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	961009900005		Motor	1		YX210
1. 01	507798520023		Carbon brushes	4		
1. 02	507798520024		Carbon brush rack	1		
1. 03	507798520021		bearing	1		
1. 04	507798520022		End caps	1		
1. 05	509998520112		Box	1		
2	961004000009		Drive wheels	1		
3	961004000011		Oil seals	1		
4	910200200202		screw	8		
5	910700200044		bearing	2		
6	961004000007		Spacer	1		
7	507798510006		Gear assemblies	1		
7. 01	961004000006		Internal gears	1		
7. 02	961004000003		Gear shafts	1		
7. 03	961004000002		Big gear	1		
7. 04	961004000005		Pinions	1		
8	961004000010		Oil seals	1		
9	509998510051		Gearbox housing	1		
10	961000700012		Oil seals	1		
11	961002200004		brake	1		

Chapter 2: Hydraulic System

01 Hydraulic Components (15Q2) (510846023501)

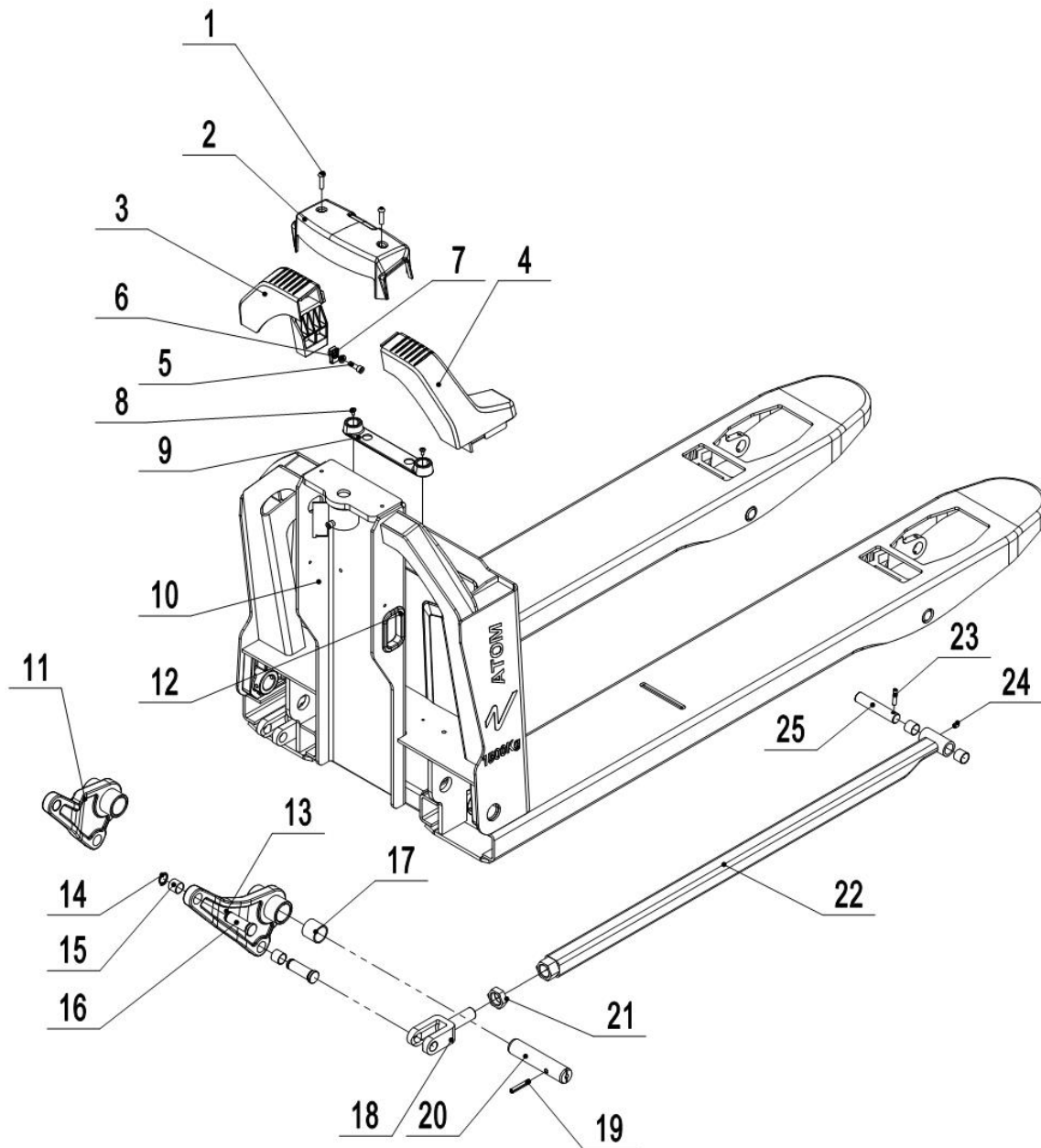


01 Hydraulic Components (15Q2) (510846023501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400017	1	Screw	2		
2	510824020100		Cover	1		
3	510824010004		Mounting Rack	1		
4	950900100131	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	508598510008	2	Gear Pump	1		
4. 06	508598510010	2	Tank	1		
4. 07	508598510009	2	Cap-Tank	1		
4. 08	508598520005	2	Filter	1		
5	510824020101		Cover	1		
6	910200300018	1	Screw	4		
7	910200200176	1	Screw	2		Black
8	510824020103		Cover	1		
9	910401300017		Circlip	1		
10	509924010000		Cylinder	1		
10. 1	508098510018		Seal Kit	1		
10. 2	910701100019		Steel Ball	1		
10. 3	508598510004		Seal Kit	1		
11	910200200036	1	Screw	4		
12	910400500005	1	Spring Washer	7		
13	910200200075	1	Screw	4		
14	509938520042		Washer	1		
15	510824020102		top Cover	1		

Chapter 3: Truck Frame

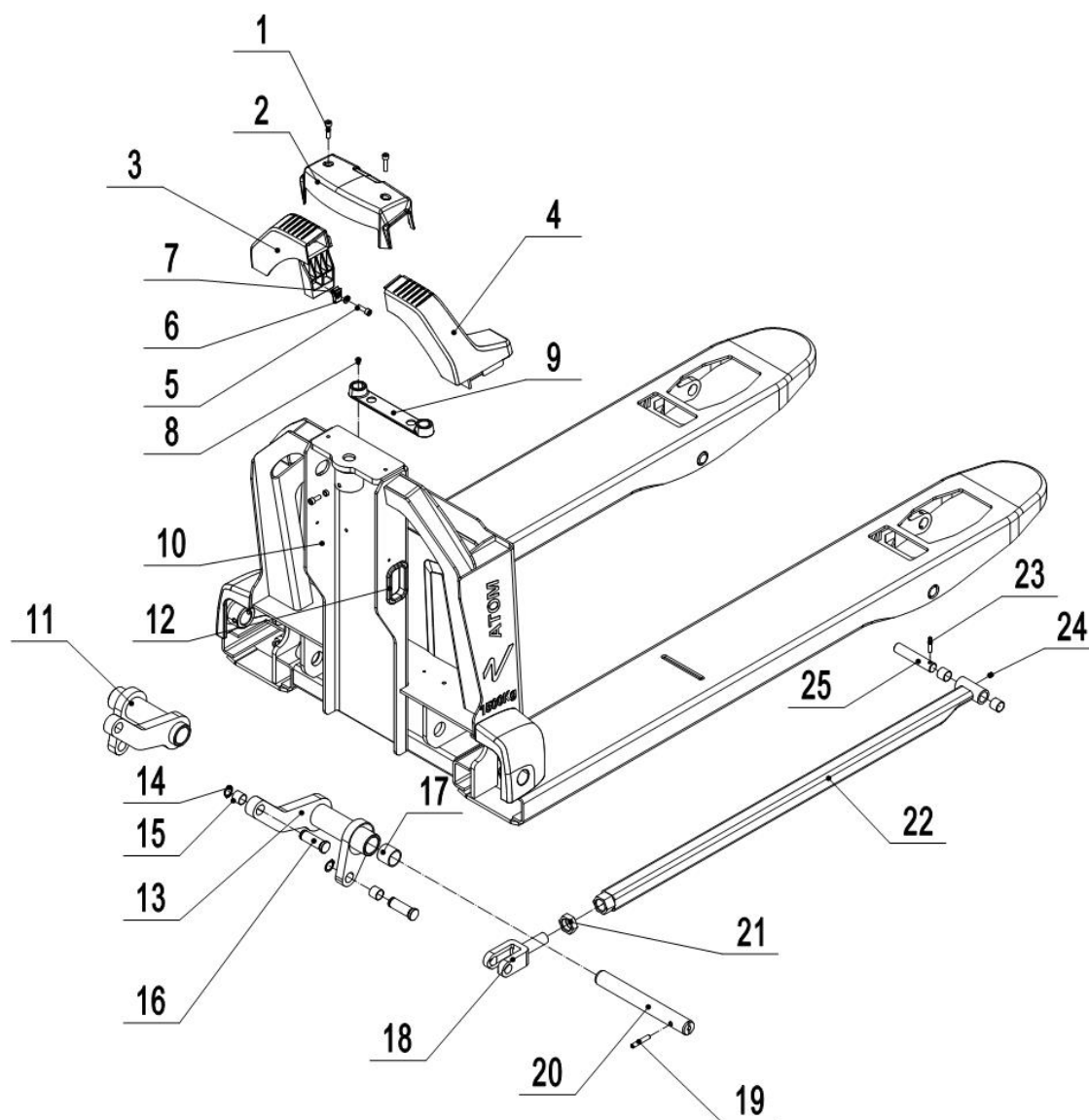
01 Truck Frame (510846038501)



510846038501

01 Truck Frame (510846038501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200140	1	Screw	2		
2	510838520100		Cover	1		
3	510838520101		Side Plate	1		
4	510838520102		Side Plate	1		
5	910200200035		Screw	2		
6	910400100005		Flat Washer	2		
7	940400400001		Cage Nut	2		
8	910200500034		Screw	2		
9	509938520009		Battery Rack	1		
10	510838510000		Chassis (540x1150)	1		
11	510838510003		Rise Arm	1		
12	509938520041		Jacket	1		
13	510838510002		Rise Arm	1		
14	910401300007		Circlip	4		
15	940500100083		Bushing	8		
16	502338520026		Pin	4		
17	940500100097		Bushing	4		
18	502338520027		Push Rod Fork	2		
19	910600400041		Spring Pin	2		
20	510838520103		Axle	2		
21	910300400008		Nut	2		
22	509938510002		Push Rod (1150)	2		
23	910600500002		Spring Pin	4		
24	911200100001		Oil Cup	1		
25	502338520030		Axle	2		

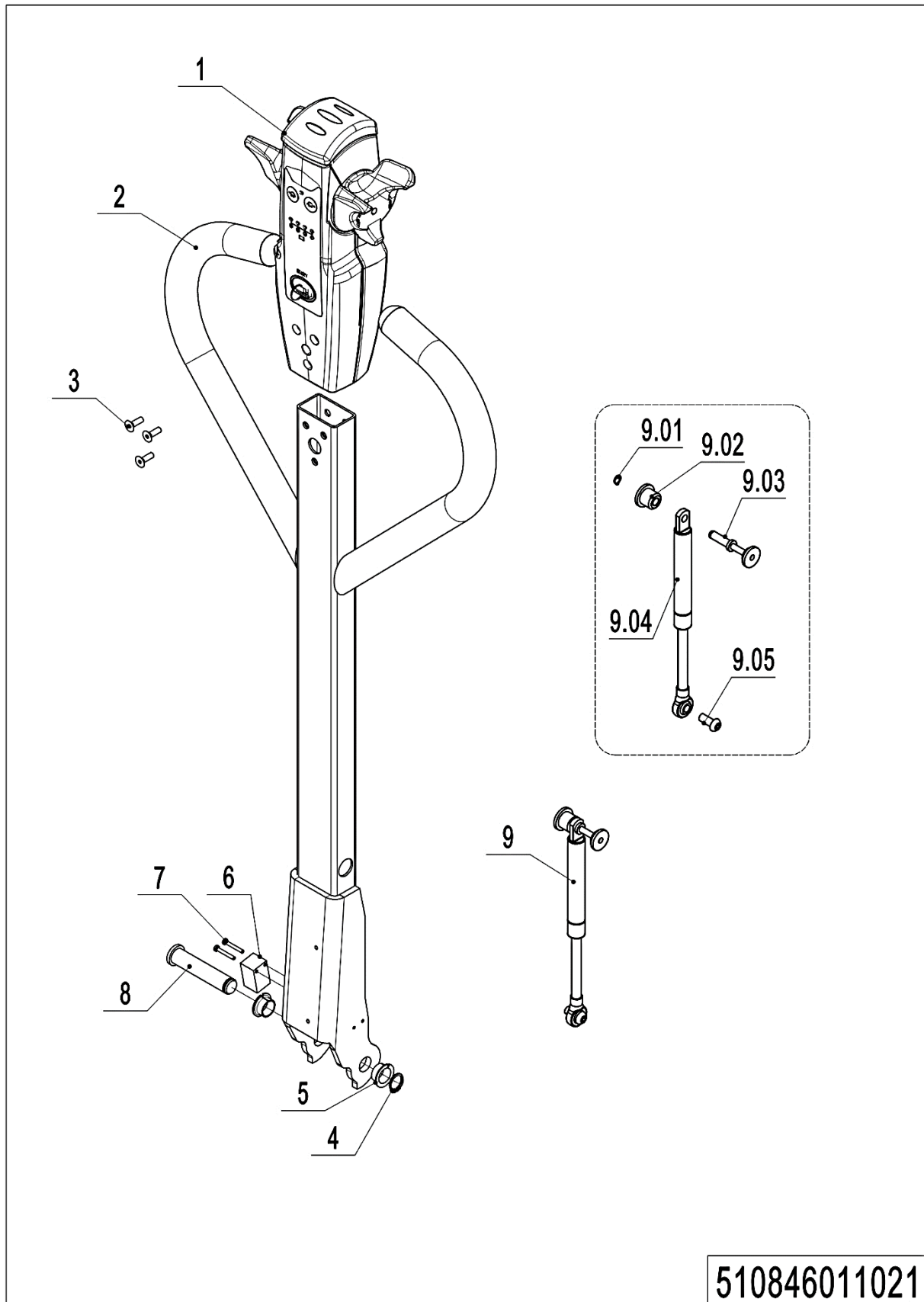
02 Truck Frame (510846038502)**510846038502**

02 Truck Frame (510846038502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200140	1	Screw	2		
2	510838520100		Cover	1		
3	510838520101		Side Plate	1		
4	510838520102		Side Plate	1		
5	910200200035		Screw	2		
6	910400100005		Flat Washer	2		
7	940400400001		Cage Nut	2		
8	910200500034		Screw	2		
9	509938520009		Battery Rack	1		
10	510838510001		Chassis (685x1150)	1		
11	510838510005		Rise Arm	1		
12	509938520041		Jacket	1		
13	510838510004		Rise Arm	1		
14	910401300007		Circlip	4		
15	940500100083		Bushing	8		
16	502338520026		Pin	4		
17	940500100097		Bushing	4		
18	502338520027		Push Rod Fork	2		
19	910600400041		Spring Pin	2		
20	510838520104		Axle	2		
21	910300400008		Nut	2		
22	509938510002		Push Rod (1150)	2		
23	910600500002		Spring Pin	4		
24	911200100001		Oil Cup	1		
25	502338520030		Axle	2		

Chapter 4: Steering System, Braking System, Wheels

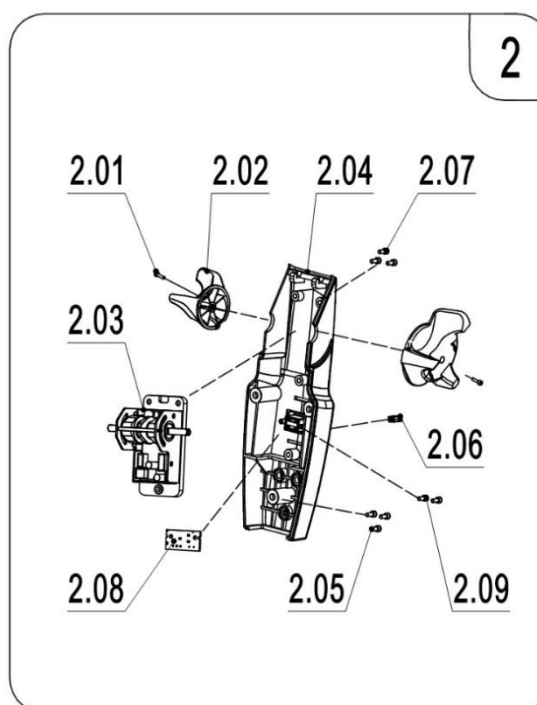
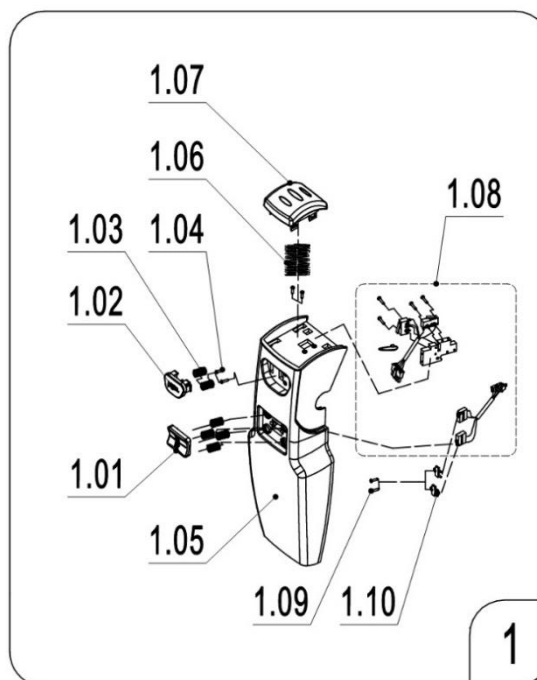
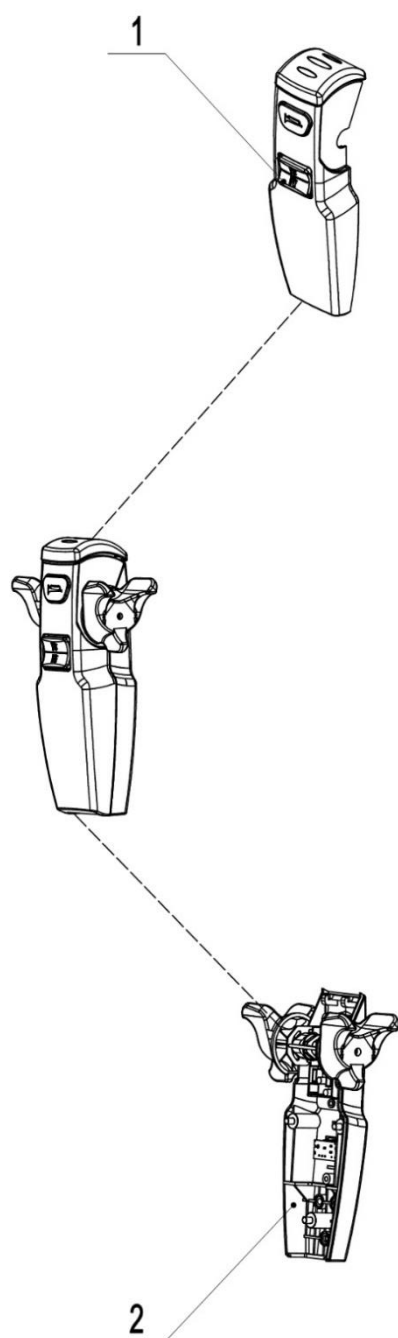
01 Tiller Unit (510846011001)



01 Tiller Unit (510846011001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	922100100332		Control Handle	1		T214C-16A
2	510811010002		Tiller	1		
3	910200400012		Screw	3		
4	910401300006		Circlip	1		
5	940500200001		Bushing	2		
6	920200400027		Proximity Switch	1		
7	941101100001		Screw	2		
8	508011020004		Pin	1		
9	510898510026		Gas Spring Kit	1		
9.01	910401300001		Circlip	1		
9.02	508011020005		Fixing Base	1		
9.03	508011010001		Gas Spring	1		
9.04	941100100011		Screw	1		
9.05	508011010002		Pin	1		

02 Tiller (510846011002)

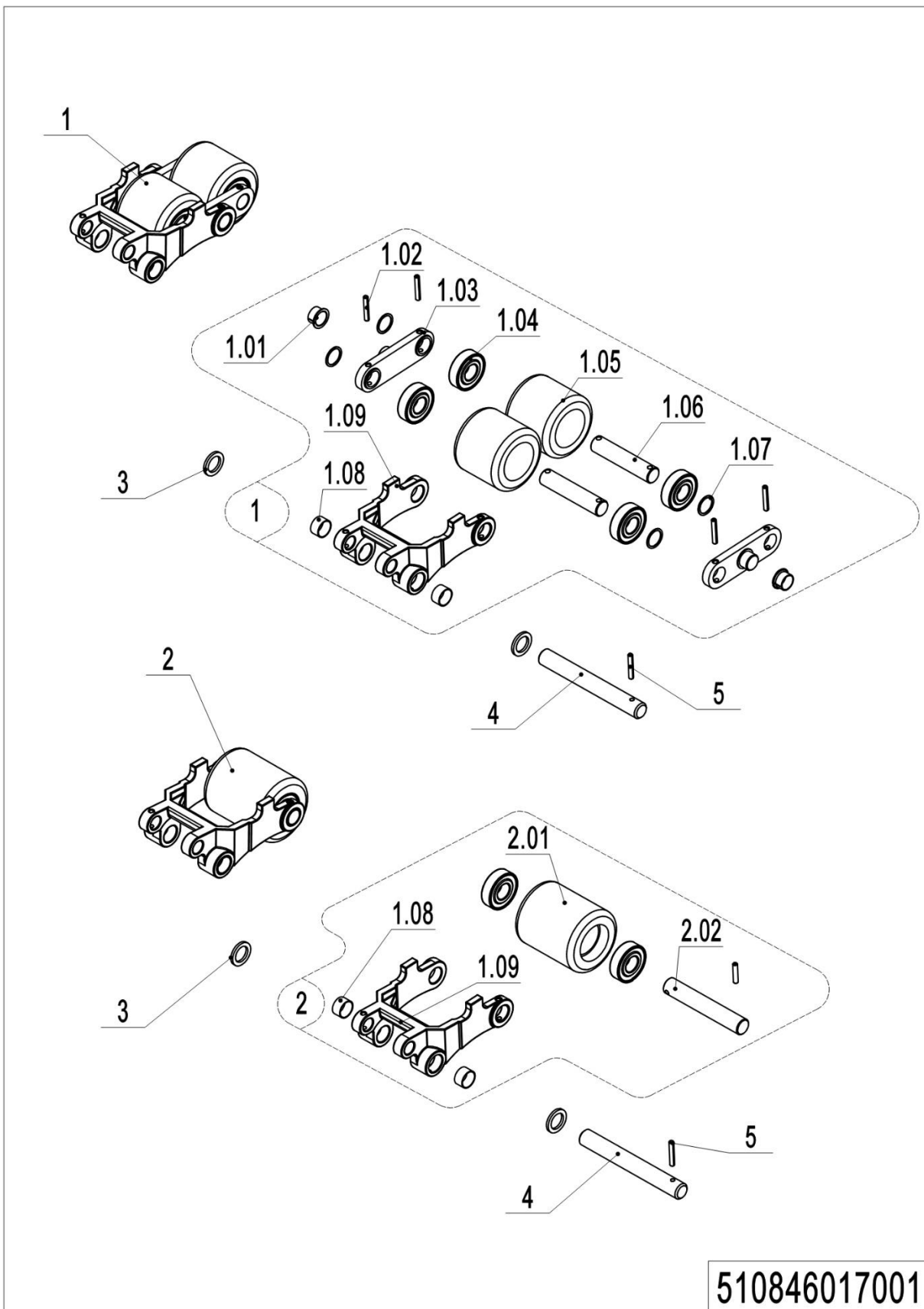


510846011002

02 Tiller (510846011002)

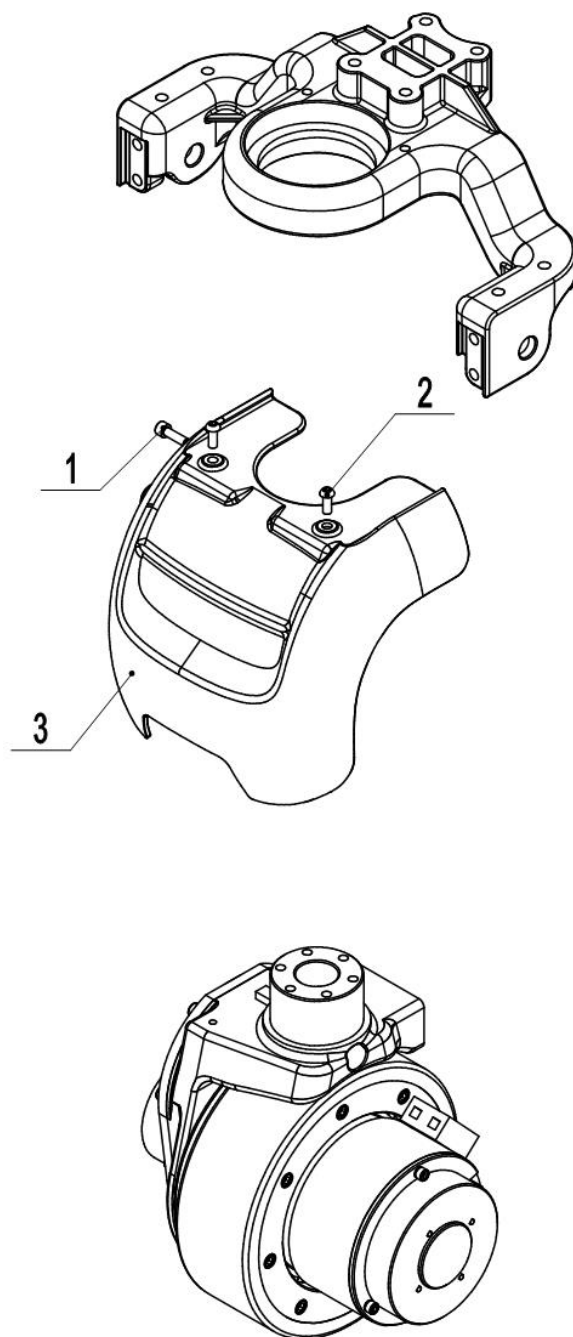
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
—	922100100322	2	Handle Head	1		T214C-16A
1	510898510022	2	Cover	1		
1. 01	510898520008		Button	1		
1. 02	510898520009		Horn	1		
1. 03	509998520037		Spring	6		
1. 04	510898520010		Screw	4		
1. 05	510898520011		Cover	1		
1. 06	509998520041		Spring	1		
1. 07	509998520040		Switch	1		
1. 08	510898520012		Switch	1		
1. 09	910200600002		Screw	2		
1. 10	509998520045		Plate	2		
2	510898510023		Cover	1		
2. 01	510898520013		Screw	2		
2. 02	510898520014		Knob	1		Set of 2
2. 03	510898520015	2	Accclerator	1		
2. 04	510898520016		Faceplate	1		
2. 05	510898520017		Screw	3		
2. 06	509998520048		Key	1		
2. 07	510898520018		Screw	3		
2. 08	510898520019		Board	1		
2. 09	510898520020		Screw	2		

03 Load Wheel (Tandem) (510846017001)



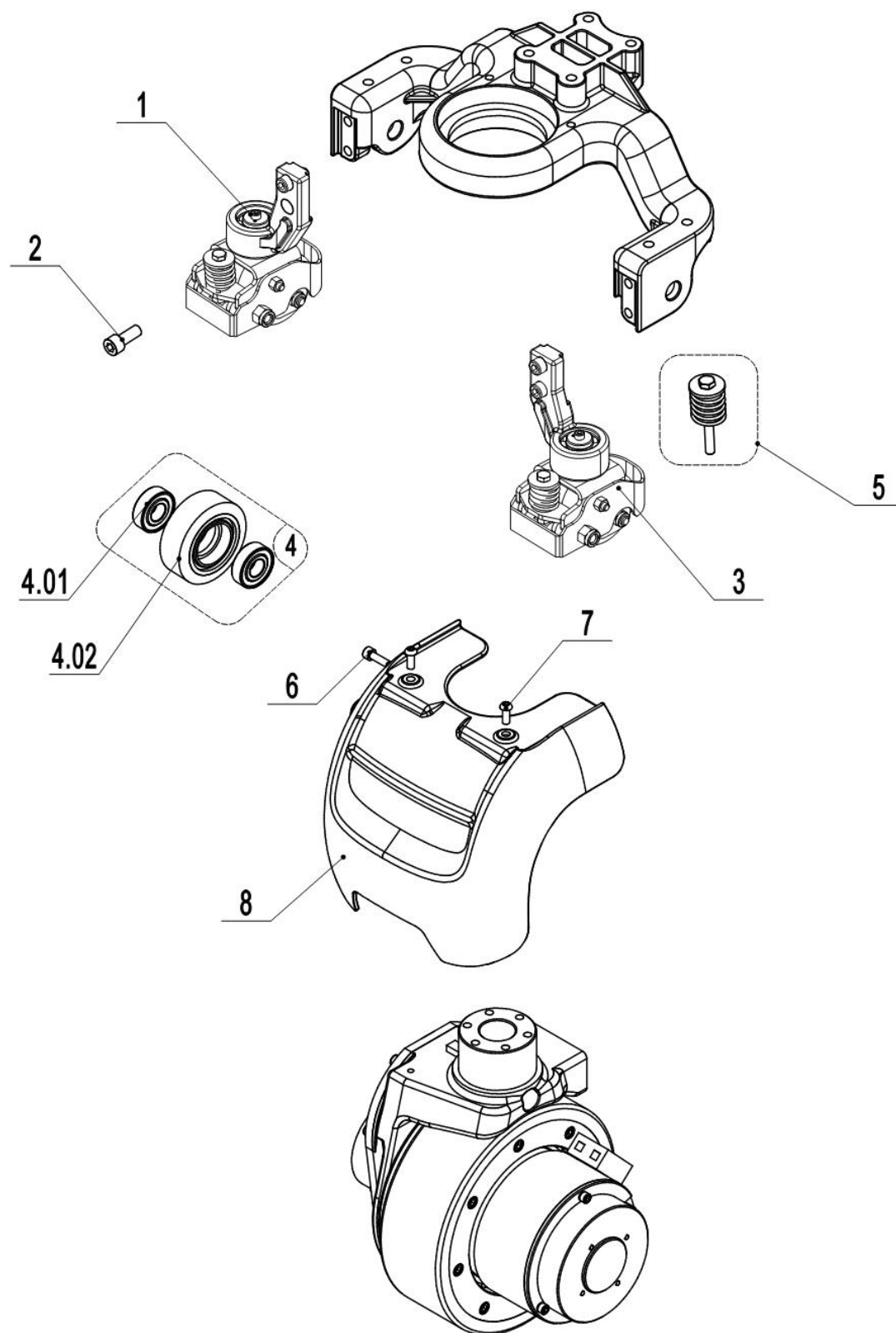
04 Load Wheel (Tandem) (510846017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	509998510004		Wheel	2		
1. 01	940500200038		Bushing	4		
1. 02	910600500004	1	Spring Pin	8		
1. 03	508017020001		Plate	4		
1. 04	910700200019		Bearing	8/4		Double / Single
1. 05	940300300047		Wheel Φ 80x70	4		
1. 06	502317020001		Axle	4		
1. 07	940600500013		Washer	8/4		Double / Single
1. 08	940500100088		Bushing	4		
1. 09	508038520130		Riser	2		
2	509998510005	2	Wheel	2		
2	509998510065		Wheel	2		75mm
2. 01	940300300023		Wheel Φ 80x93	2		
2. 02	301017020001		Pin	2		
3	502338520033		Roller	4		
4	502338520031		Pin	2		
5	910600400025		Spring Pin	2		

04 Caster (510846016504)**510846016504**

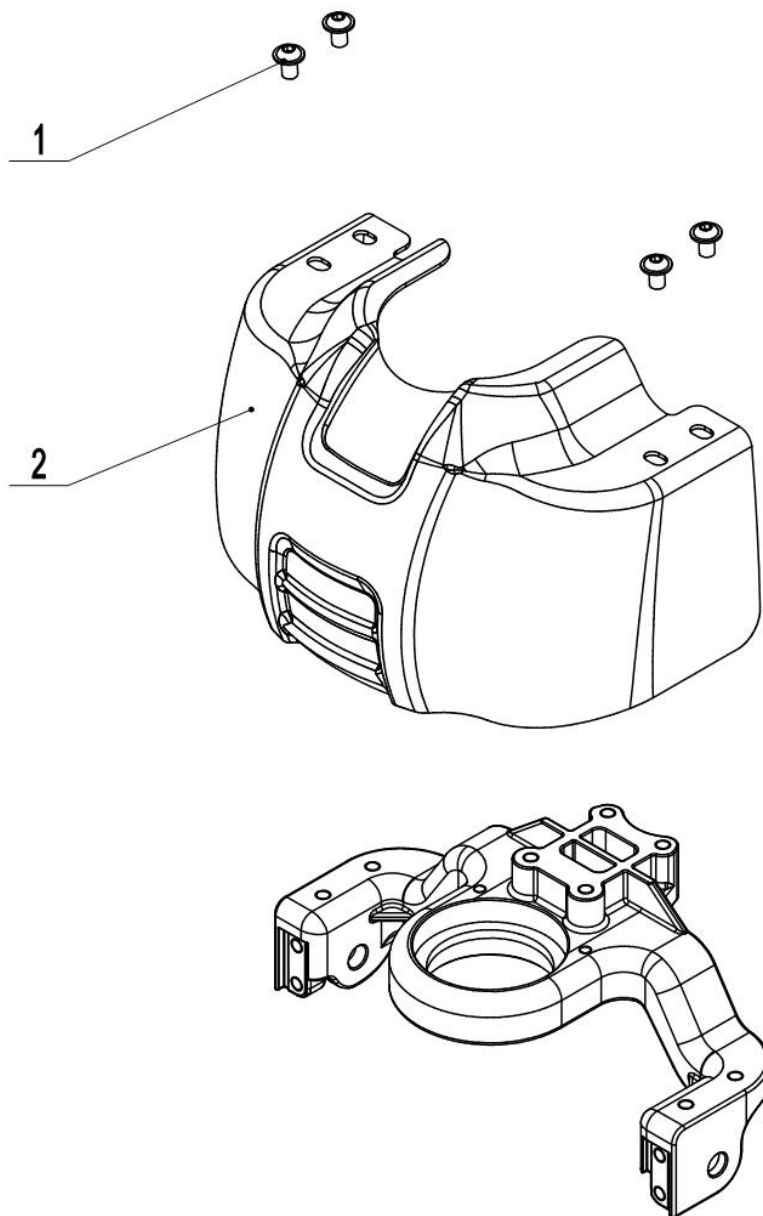
04 Caster (510846016504)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200036	1	Screw	1		
2	910200300019	1	Screw	2		
3	509916520002		Apron	1		

05 Caster (510846016503)**510846016503**

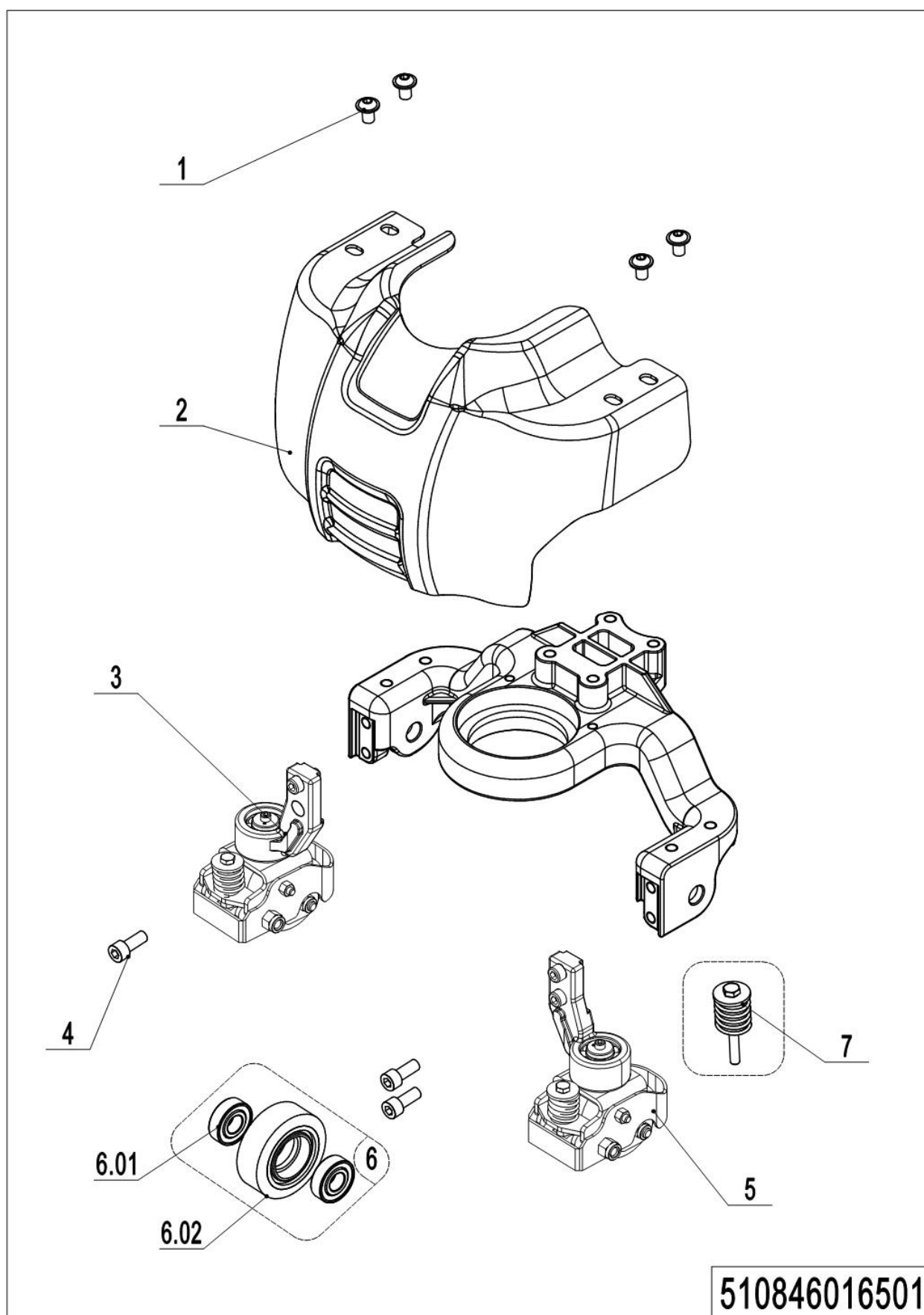
05 Caster (510846016503)

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		

06 Caster (510846016502)**510846016502**

06 Caster (510846016502)

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

07 Caster (510846016501)

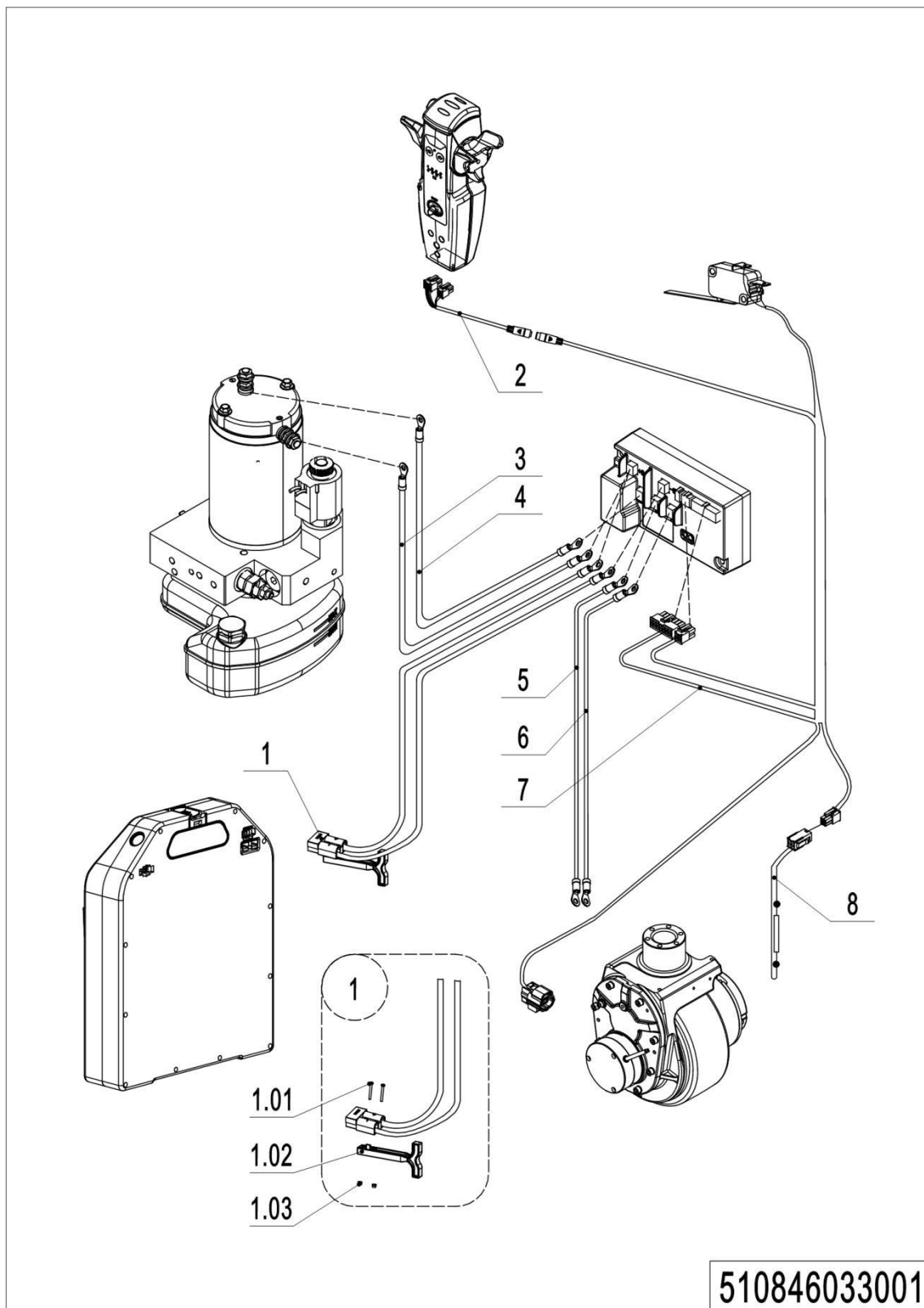
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

07 Caster (510846016501)

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		

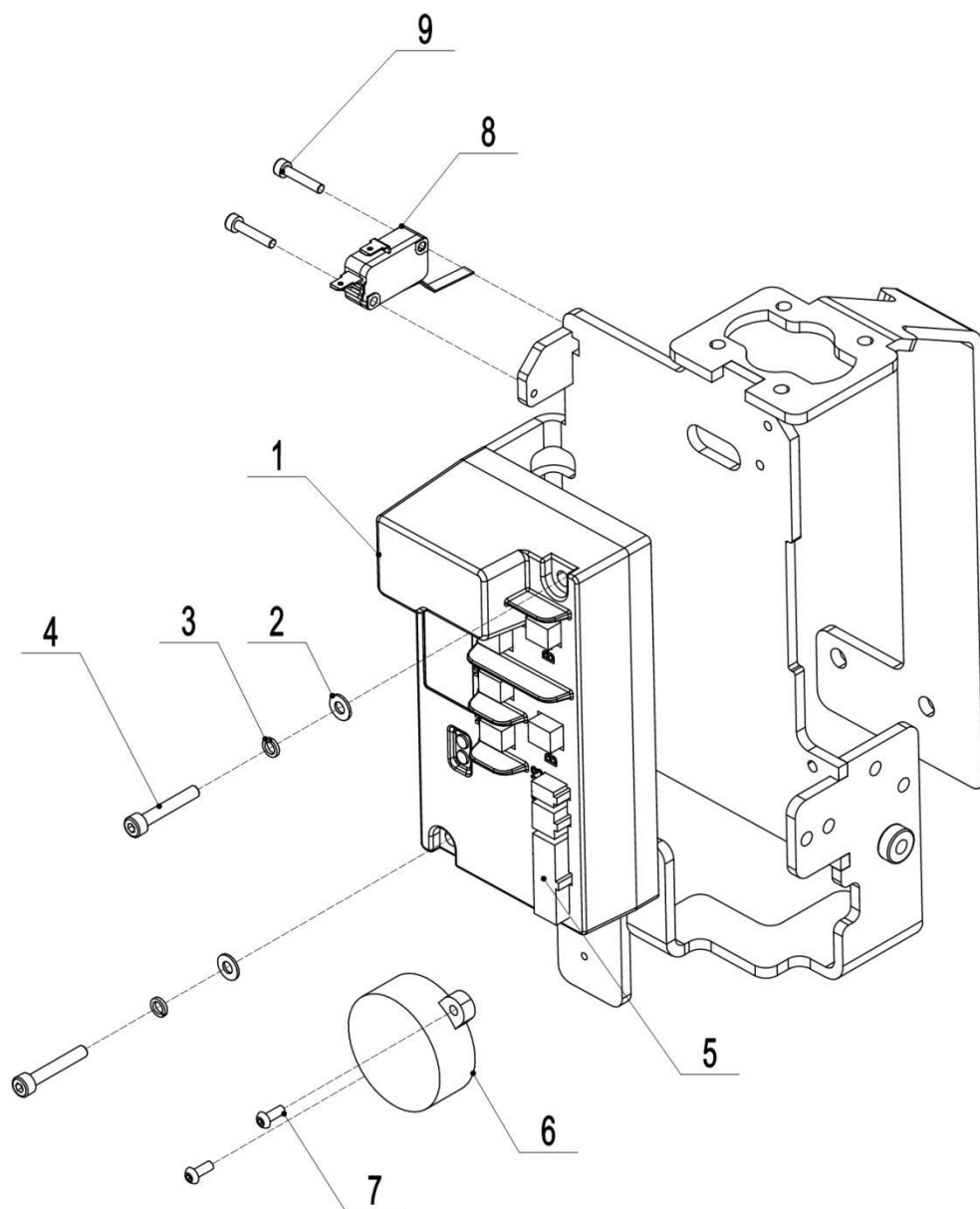
Chapter 5: Electrical Parts

01 Wire Harness (510846033001)



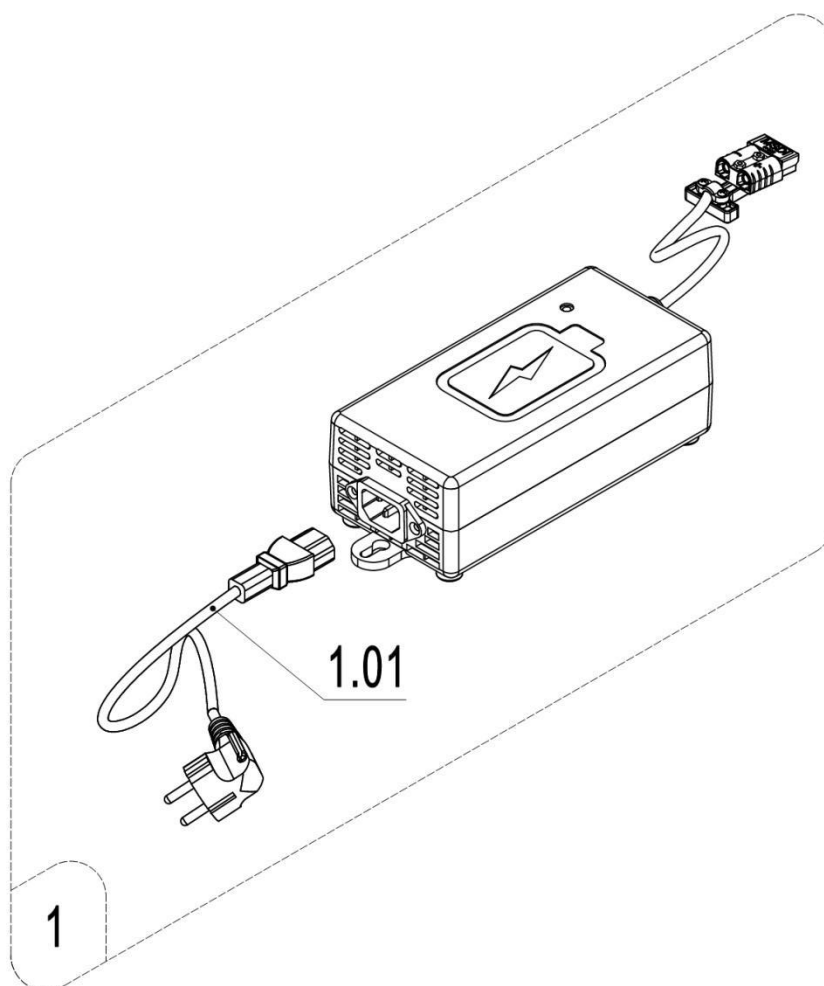
01 Wire Harness (510846033001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	510833010032		Cables	1		
1. 01	910200500015		Screw	2		
1. 02	920400100060		Handle	1		
1. 03	910300100002		Nut	2		
2	510833010029		Cables	1		
3	510833010030		Cables	1		
4	510833010031		Cables	1		
5	509933010053		Cables	1		
6	509933010052		Cables	1		
7	510833010028		Cables	1		
8	509933010028		Wire Harness	1		

02 Controller (509946033003)**510846033002**

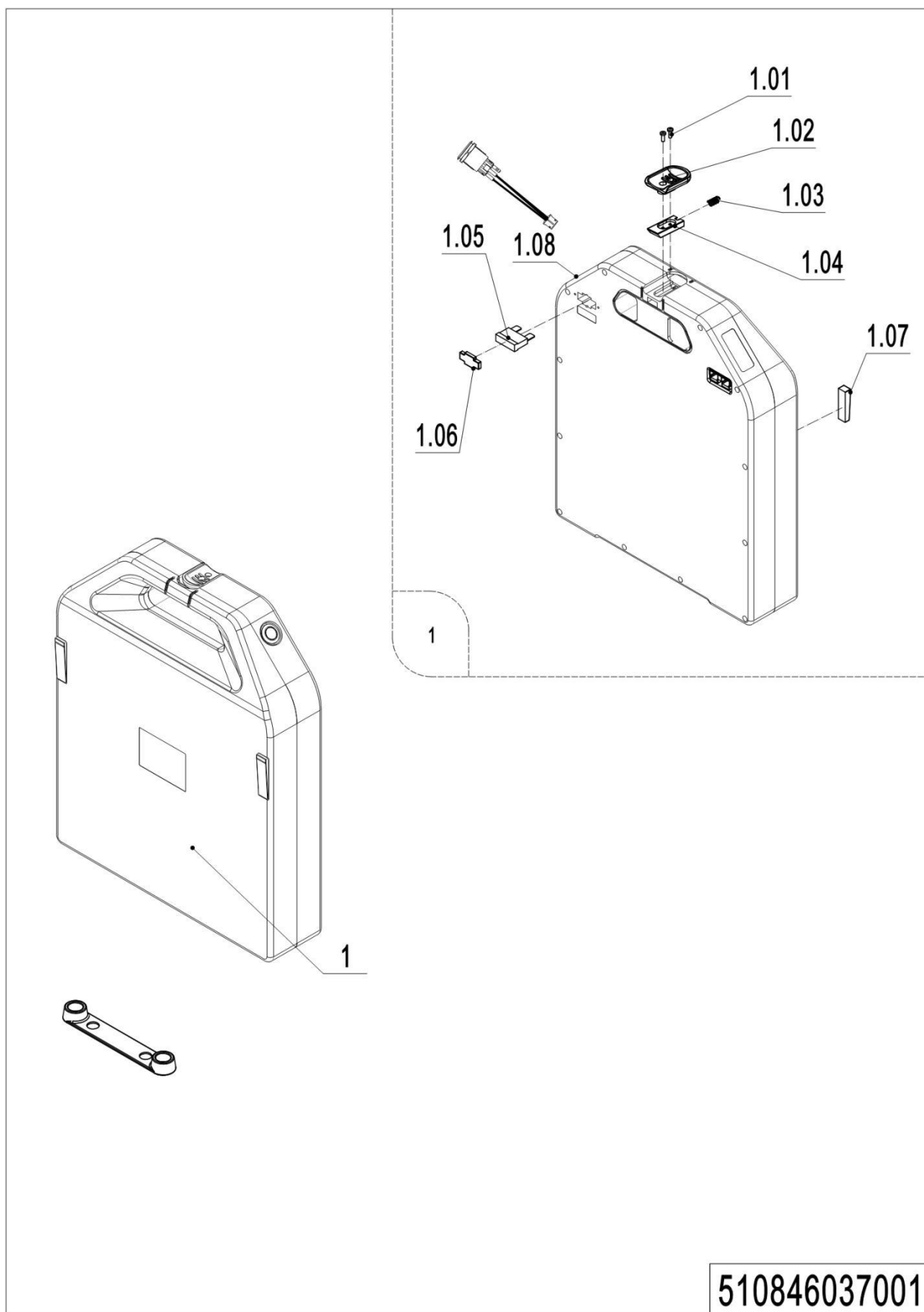
02 Controller (509946033003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	510833210022		Controller	1		PR
2	910400500003		Flat Washer	2		
3	910400100003		Spring Washer	2		
4	910200200017	1	Screw	2		
5	910200300005		Screw	5		
6	509998520062		buzzer	1		
7	910200300002	1	Screw	2		
8	920200300012		Microswitch	1		
9	910200200004	1	Screw	2		

03 Charger (510846036501)**518046036501**

03 Charger (510846036501)

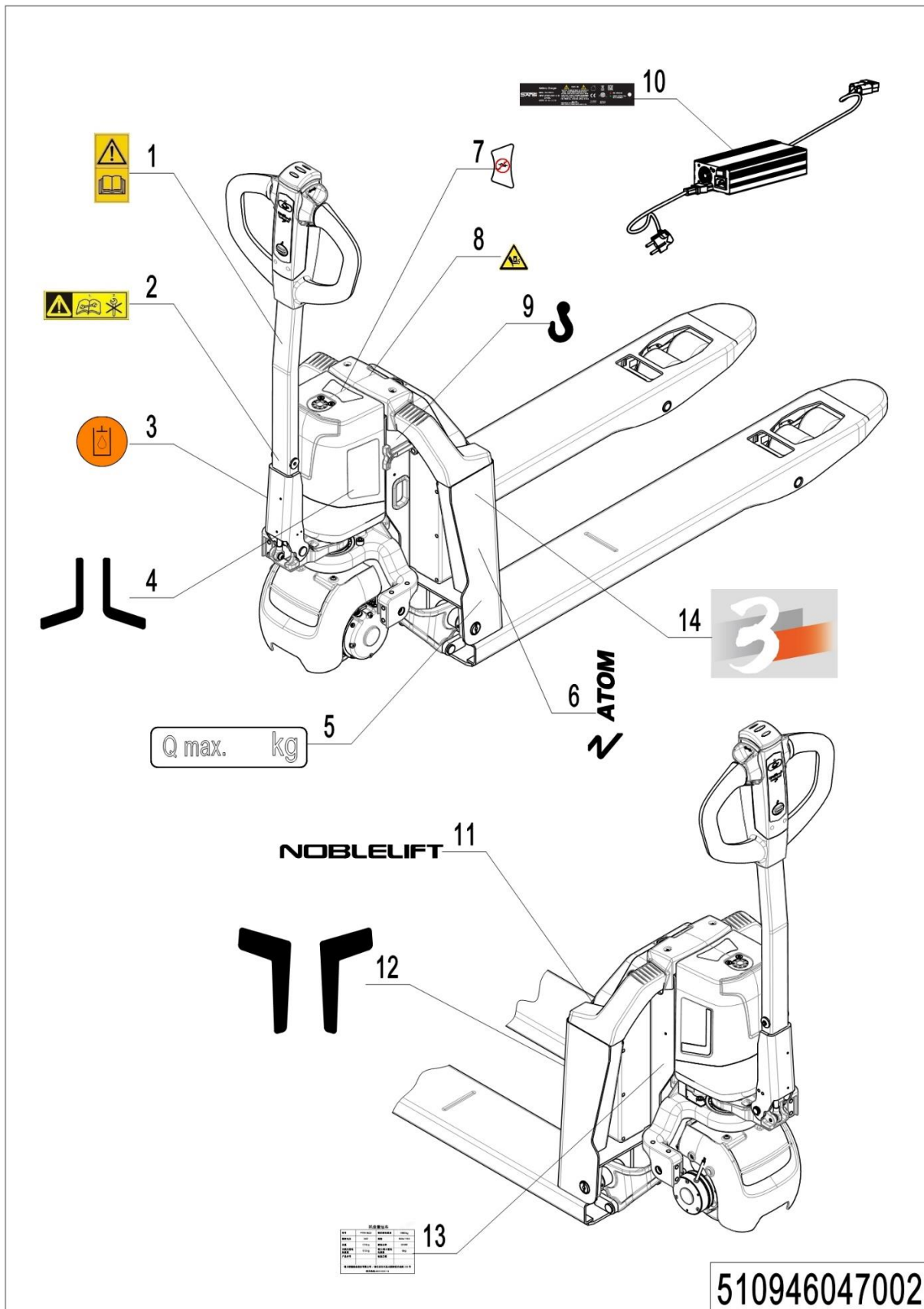
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921000201009		Li-Charger24V10A(Asia)	1		SW
1	921000201010		Li-Charger24V10A(EU)	1		SW
1	921000201094		Li-Charger24V10A(USA)	1		SW
1	921000201100		Li-Charger24V10A(ENG)	1		SW
1	921000201117		Li-Charger24V10A (ARG)	1		SW
1	921000201101		Li-Charger24V10A (ITA)	1		SW
1	921000201102		Li-Charger24V10A (ISR)	1		SW
1	921000201103		Li-Charger24V10A (South Africa)	1		SW
1	921000201104		Li-Charger24V10A(SWE)	1		SW
1	921000201442		锂电充电器 SW24V10A(大南)	1		
1	921000201443		锂电充电器 SW24V10A(澳)	1		
1	921000201444		锂电充电器 SW24V10A(巴)	1		
1.01	921500200021		Power Cord (Asia)	1		
1.01	921500200022		Power Cord(EU)	1		
1.01	921500200023		Power Cord(USA)	1		
1.01	921500200027		Power Cord(ENG)	1		
1.01	921500200050		Power Cord(ARG)	1		
1.01	921500200025		Power Cord(ITA)	1		
1.01	921500200028		Power Cord(ISR)	1		
1.01	921500200064		Power Cord (South Africa)	1		
1.01	921500200026		Power Cord(SWE)	1		

04 Traction Battery (510846037001)

04 Traction Battery (510846037001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920600101077		Li Battery	1		HW
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		
1. 08	920200700055		Switch	1		

01 Labels and Decals (510846047002)

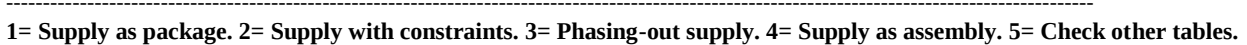


1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

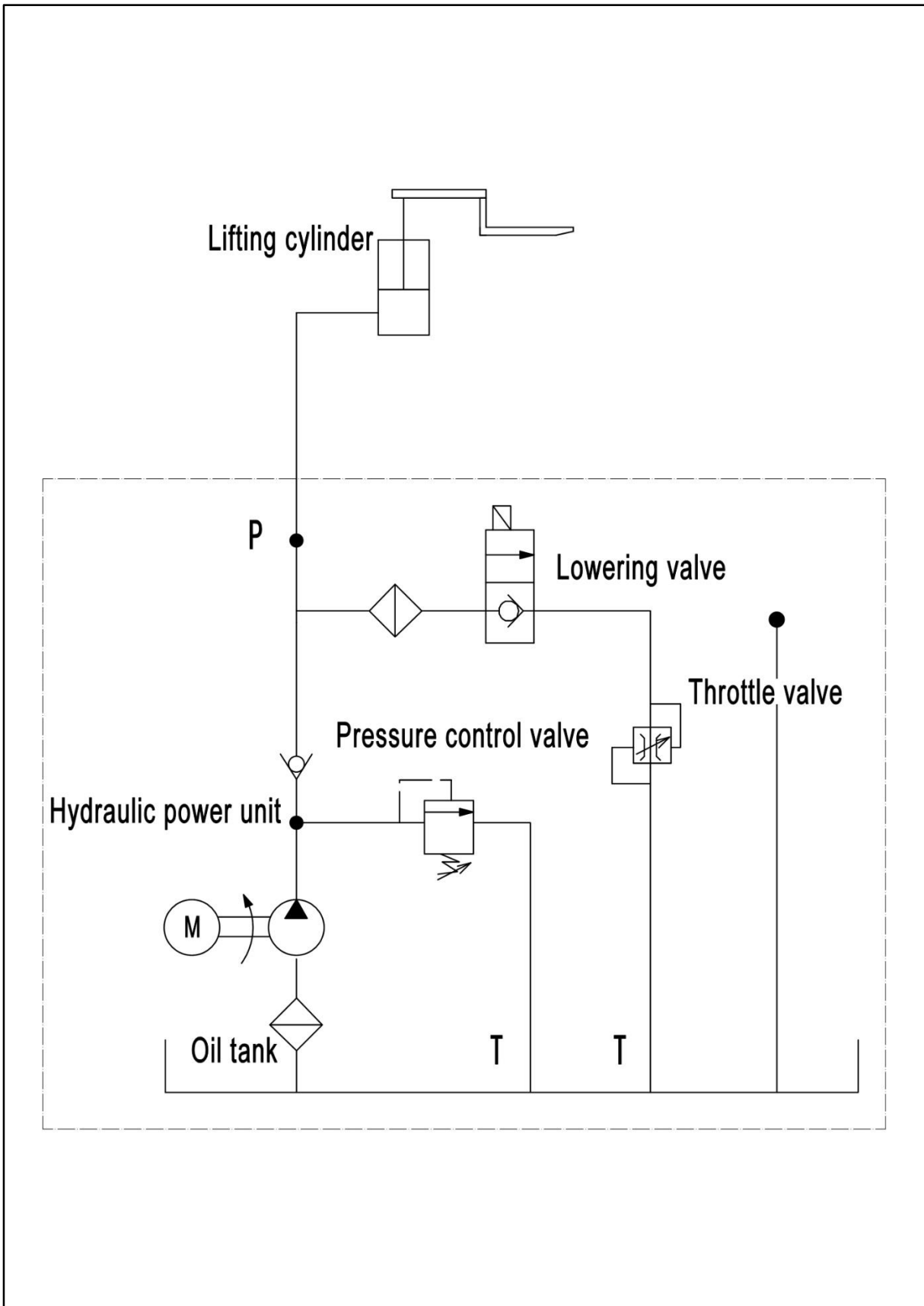
01 Labels and Decals (510846047002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300002		Label	1		
2	508047020004		Label	2		
3	941200300003		Label	1		
4	510847020001		Label	1		
5	941200200009		Label	2		
6	510847020017		Label	2		
7	510847020005		Label	1		
8	508047020007		Label	1		
9	941200300001		Label	2		
10	509947020005		Label	1		
11	510847020002		Label	1		
12	510847020000		Label	1		
13	510847520001		Label	1		
14	510847020050		Label	1		

01 Electrical Circuit Diagram (510846045501)



02 Hydraulic Circuit Diagram (508046045502)



03 Consumable Parts List

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	910700200058	Bearing	1	Chapter 1/01/4
2	910700600044	Bearing	1	Chapter 1/01/8
3	508098510018	Seal Kit	1	Chapter 2/01/10. 01
4	508598510004	Seal Kit	1	Chapter 2/01/10. 03
5	940500100097	Bushing	8	Chapter 3/01/17Chapter 3/02/17
6	940500100083	Bushing	16	Chapter 3/01/15 Chapter 3/02/15
7	940500200001	Bushing	2	Chapter 4/01/05
8	508011010001	Gas Spring	1	Chapter 4/01/9. 03
9	940500200038	Bearing	4	Chapter 4/03/1. 01
10	910700200019	Bearing	8/4	Chapter 4/03/1. 04
11	940300300047	Wheel Φ 80x70	4	Chapter 4/03/1. 05
12	940500100088	Bushing	4	Chapter 4/03/1. 08
13	940300300023	Wheel Φ 80x93	2	Chapter 4/03/2. 01
14	940300300002	Wheel Φ 74x93	2	Chapter 4/03/2. 01
15	910700200018	Bearing	4	Chapter 4/05/4. 01Chapter 4/07/6. 01
16	940300300017	Wheel Φ 80x30	2	Chapter 4/05/4. 02Chapter 4/07/6. 02
17	920100200006	Fuse	1	Chapter 5/04/1. 05