

Print Number:

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NOBLELIFT

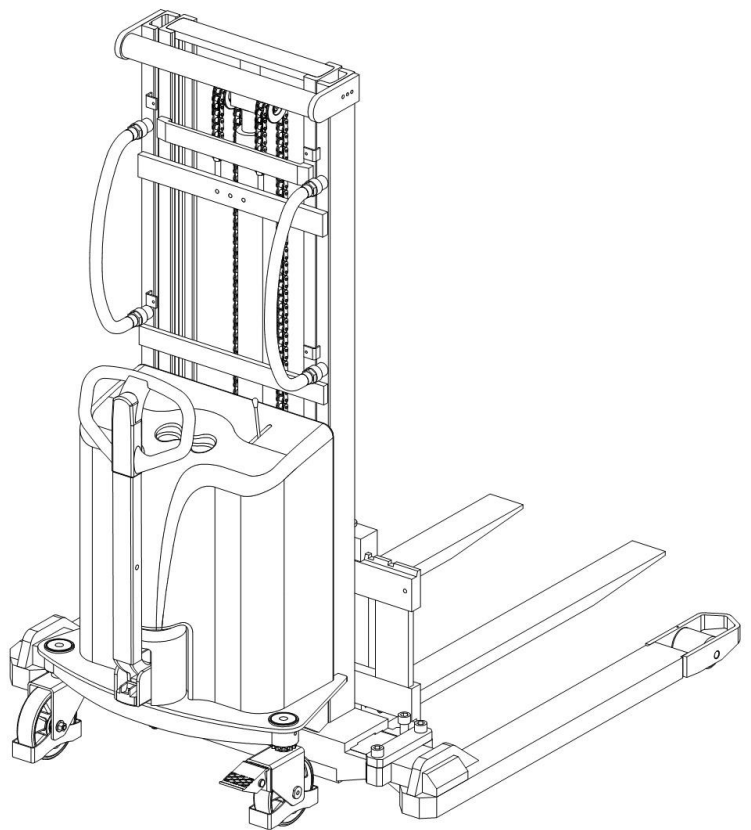


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Semi-electric Stacker SPM10W

PARTS MANUAL

400546020101



Version V02

Truck Identification Number From:

Parts Manual SPM10W-PM02EN

Please order 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.

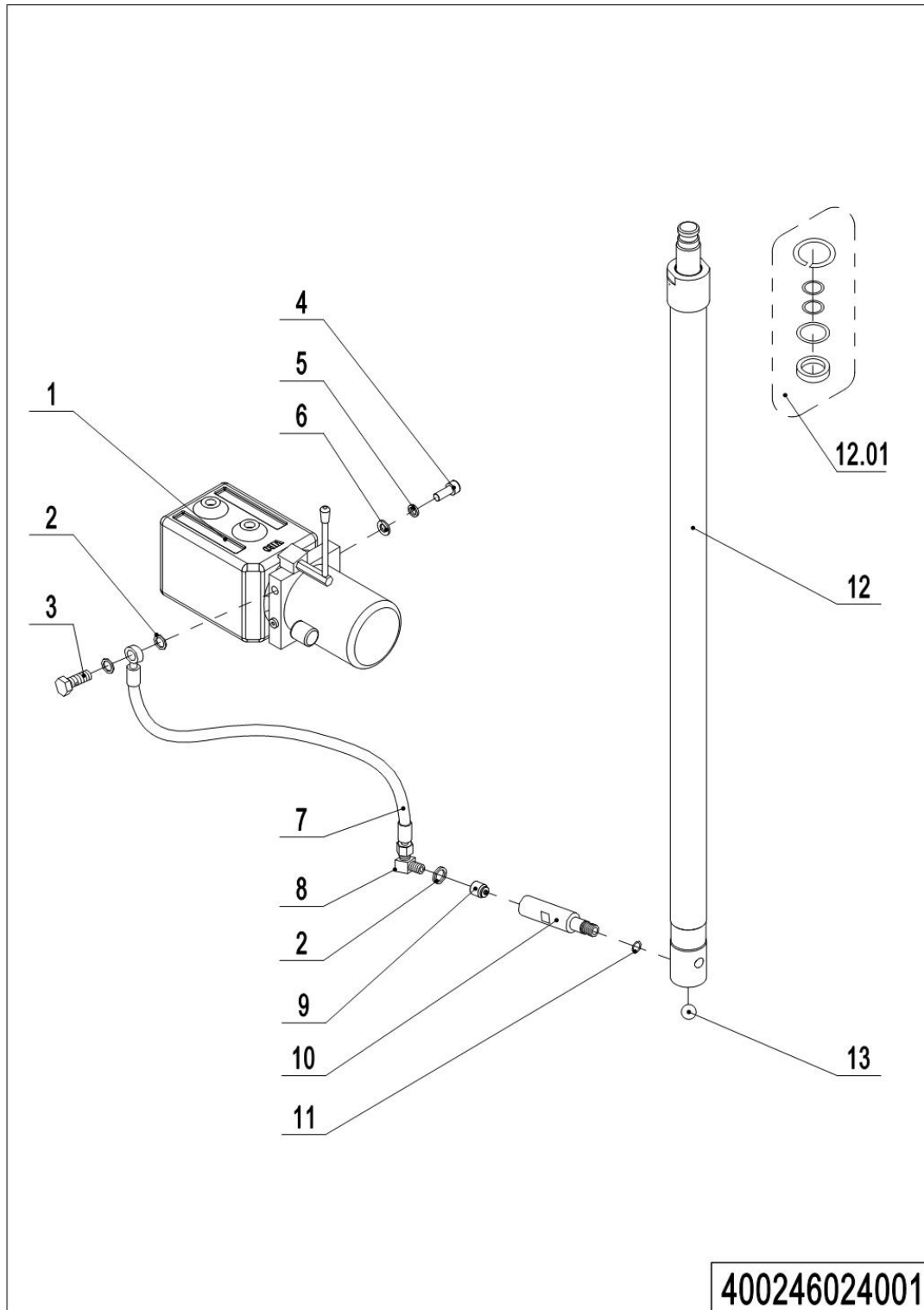
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Chapter 1: Hydraulic System

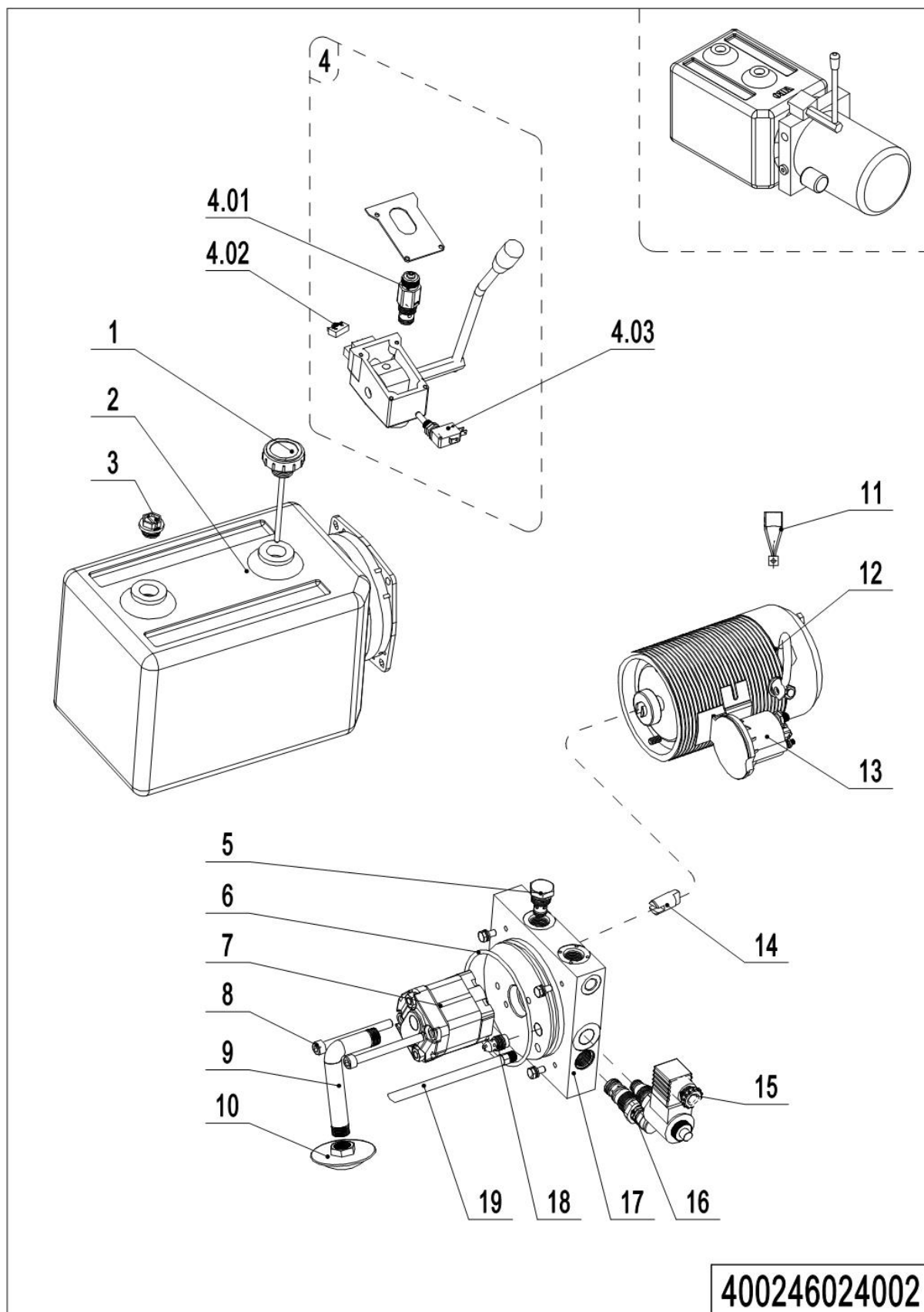
01 Hydraulic Components (400246024001)



01 Hydraulic Components (400246024001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	-----	2	Pump Unit	1		Check 400246024002
2	910800900005	1	Bonded Washer	3		
3	400224020001	2	Bolt	1		
4	910200200075	1	Screw	2		
5	910400500007	1	Spring Washer	2		
6	910400100007	1	Flat Washer	2		
7	400224020000	2	Hose	1		
8	402924020000	2	Adapter	1		
9	950600300001	2	Safety Valve	1		
10	402924020001	2	Valve Pocket	1		
11	910800100002	2	O-Ring	1		
12	402943010000	2	Cylinder	1		1600
12	401744010003	2	Cylinder	1		2500
12	401744010007	2	Cylinder	1		3000
12	401744010011	2	Cylinder	1		3300
12.01	401798510000		Seal Kit	1		
13	910701100019	2	Steel Ball	1		

02 Hydraulic Unit (400246024002)



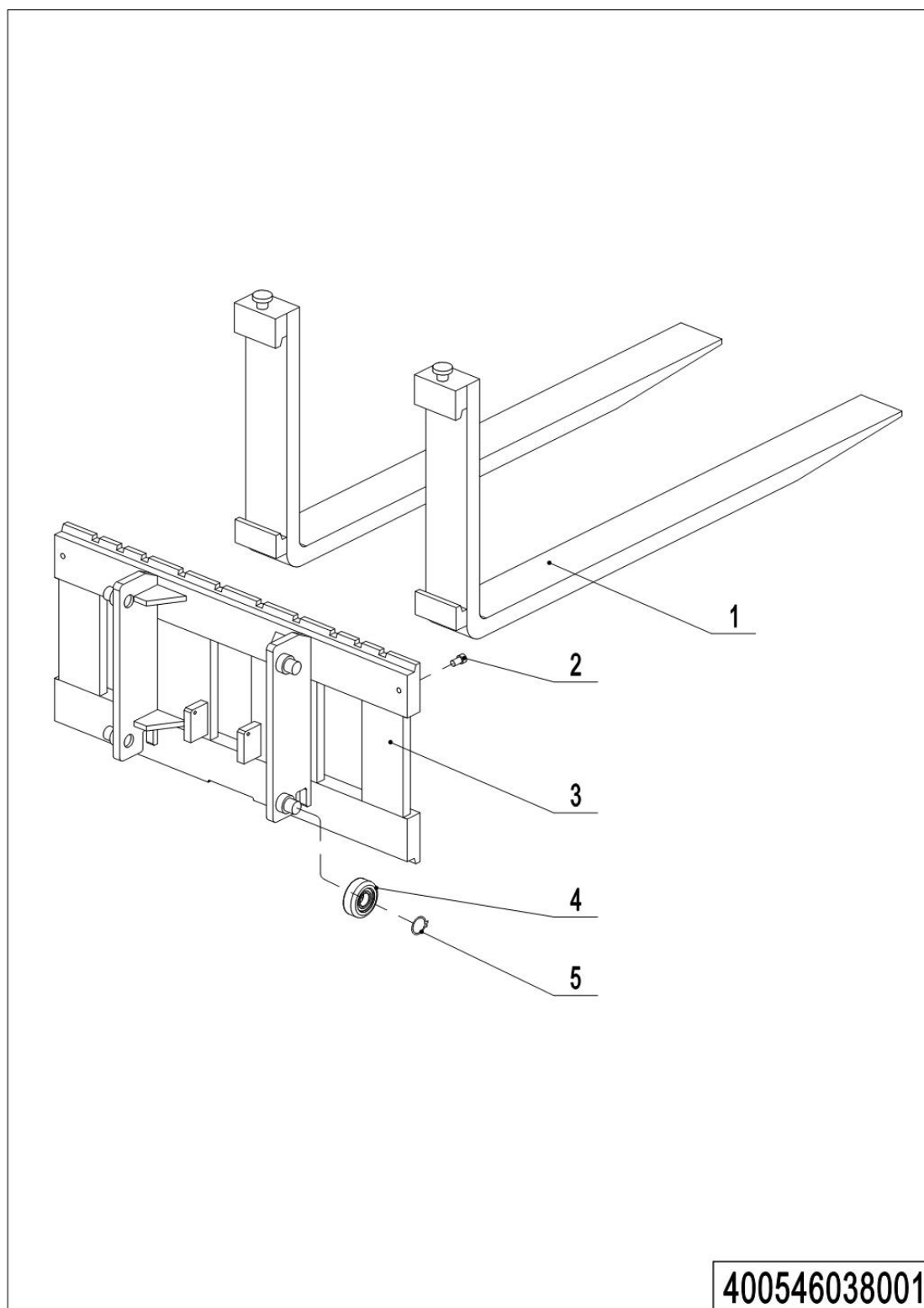
400246024002

02 Hydraulic Unit (400246024002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100017	2	Pump Unit	1		
1	532098510005	2	Cap-Tank	1		
2	402698520008	2	Tank	1		
3	402698520023	2	End Cap	1		
4	400298510000	2	Manual Valve	1		
4.01	402698520004	2	Valve Element	1		
4.02	402698520005	2	Microswitch	1		
4.03	402698520003	2	Microswitch	1		
5	532098510003	2	Check Valve	1		
6	910800100088	2	O-Ring	1		
7	532098510000	2	Gear Pump	1		
8	402698520011	2	Bolt	2		
9	532098520003	2	Oil Tube	1		
10	402698520010	2	Filter	1		
11	402698520022		Carbon Brush	4		
12	402698520001	2	Motor	1		
13	402698520000	2	Switch	1		
14	402698520021	2	Coupling	1		
15	402698520019	2	Magnetic Valve	1		
16	402698520018	2	Overflow Valve	1		
17	400298520000	2	Valve Block	1		
18	402698520015	2	Compensation Valve	1		
19	402698520013	2	Pipe	1		

Chapter 2: Truck Frame

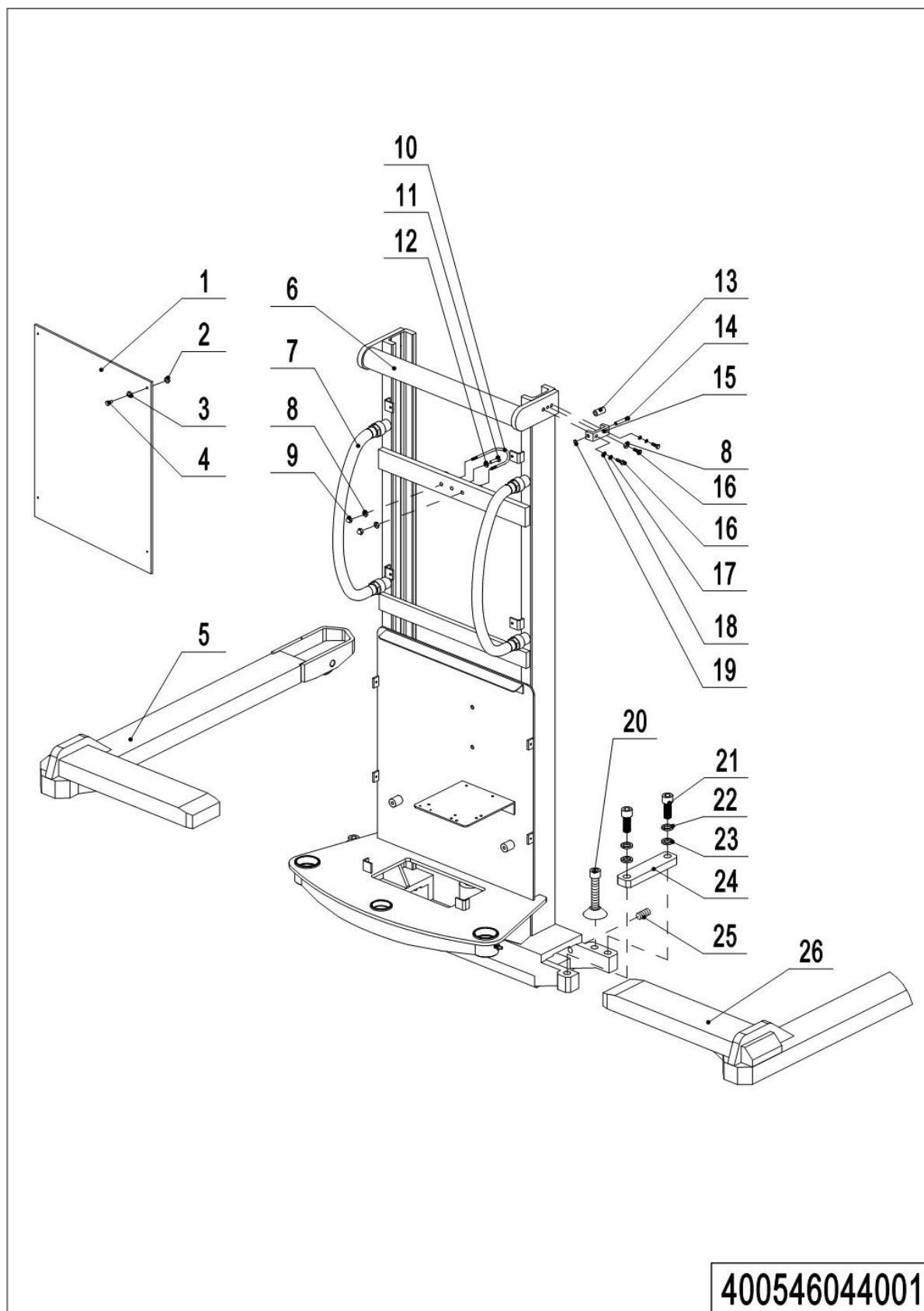
01 Fork Carriage (400546038001)



01 Fork Carriage (400546038001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	940100100004	2	Fork100x35x1150	2		
2	910200200075	1	Screw	2		
3	400538010000	2	Fork Carriage	1		Single Mast
3	400538010001	2	Fork Carriage	1		Two Stage Mast
4	400238020020	2	Roller	4		
5	910401300014	1	Circlip	4		

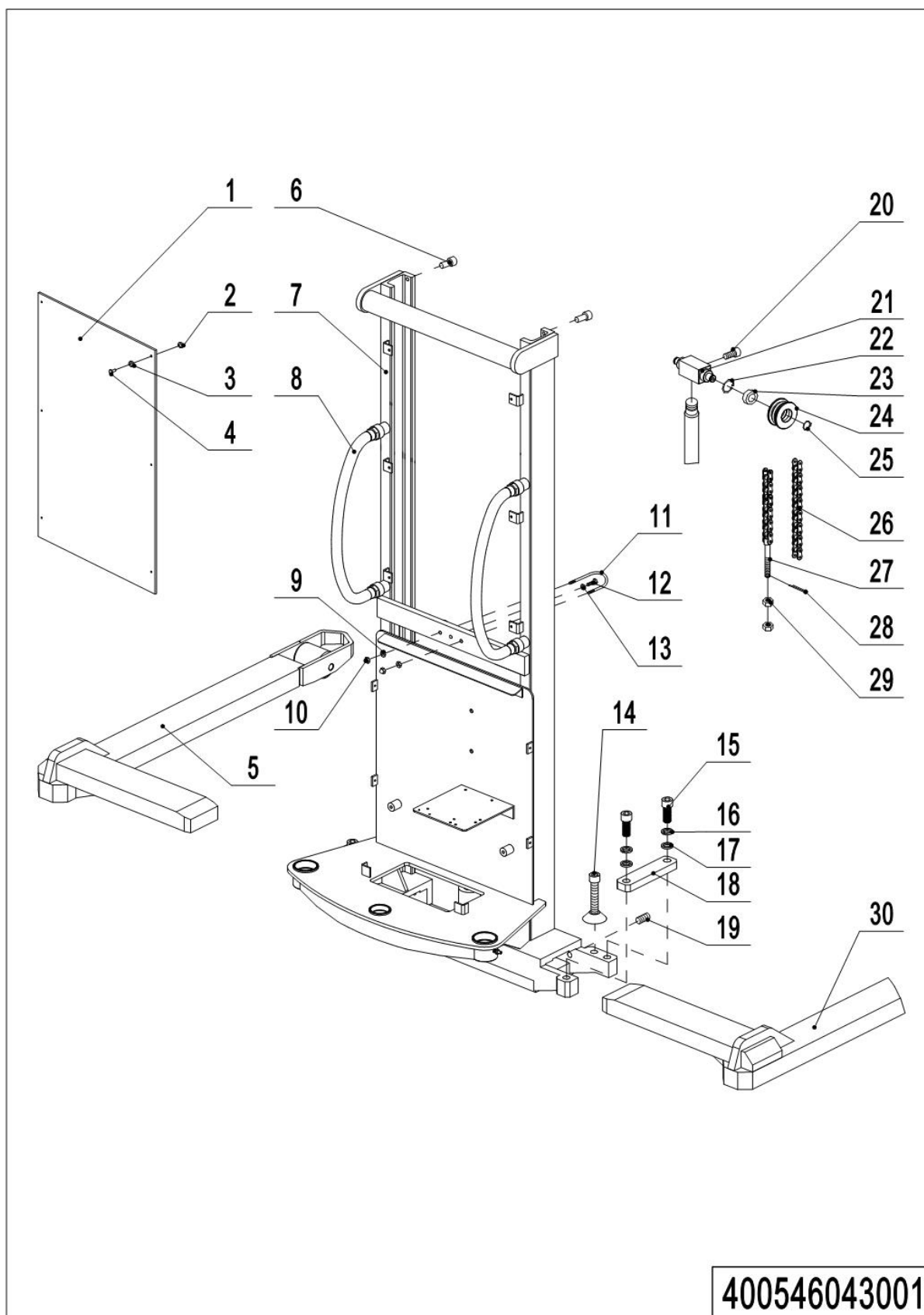
02 Chassis (Two Stage Mast) (400546044001)



02 Chassis (Two Stage Mast) (400546044001)

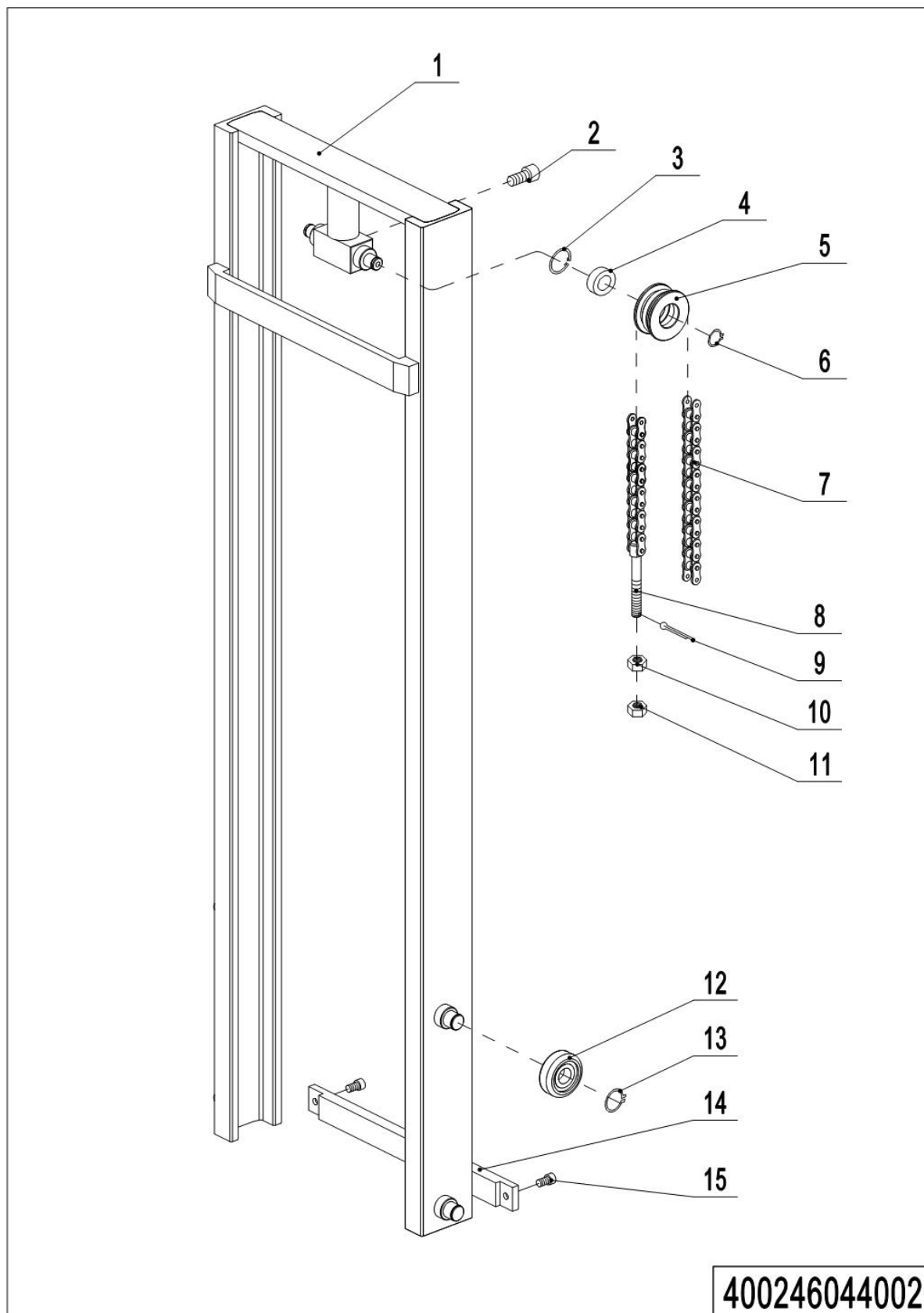
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	400544020002	2	Guard Plate	1		2500
1	400544020006	2	Guard Plate	1		3000
1	400544020001	2	Guard Plate	1		3300
2	950100200001	2	Seal Gasket	8		
3	910400100005	1	Flat Washer	4		
4	910200500052	1	Screw	4		
5	400543010001	2	Leg(left)	1		
6	400544010000	2	Outer Mast (2500)	1		
6	400544010001	2	Outer Mast (3000)	1		
6	400544010002	2	Outer Mast (3300)	1		
7	400243010002	2	Handle Kits	2		
8	910300100006	1	Nut	4		
9	910301000005	1	Nut	2		
10	400024020000	2	Bolt	1		
11	910100300039	1	Bolt	1		
12	910300100007	1	Nut	1		
13	401744020000	2	Roller	2		
14	401744020001	2	Pin	2		
15	532021520075	2	Wheel Mount	2		
16	910200200060	1	Screw	6		
17	910400500006	1	Spring Washer	4		
18	910400100006	1	Flat Washer	4		
19	910401300003	1	Circlip	2		
20	532621510013	2	Support Leg Kit	2		
21	910200200132	1	Screw	4		
22	910400500012	1	Spring Washer	4		
23	910400100012	1	Flat Washer	4		
24	400543020012	2	Press Plate	2		
25	910200800038	1	Screw	4		
26	400543010002	2	Leg(right)	1		

03 Chassis (Single Mast) (400546043001)



03 Chassis (Single Mast) (400546043001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	400243010003	2	Guard Plate	1		
2	950100200001	2	Seal Gasket	12		
3	910400100005	1	Flat Washer	6		
4	910200500052	1	Screw	6		
5	400543010001	2	Leg(left)	1		
6	910200200074	1	Screw	2		
7	400543010000	2	Outer Mast(1600)	1		
8	400243010002	2	Handle Kits	2		
9	910300100006	1	Nut	2		
10	910301000005	1	Nut	2		
11	400024020000	2	Bolt	1		
12	910100300039	1	Bolt	1		
13	910300100007	1	Nut	1		
14	532621510013	2	Support Leg Kit	2		
15	910200200132	1	Screw	4		
16	910400500012	1	Spring Washer	4		
17	910400100012	1	Flat Washer	4		
18	400543020012	2	Press Plate	2		
19	910200800038	1	Screw	4		
20	910200200055	1	Screw	1		
21	532024020001	2	Footstock	1		
22	910401400013	1	Circlip	2		
23	910700200019	1	Bearing	2		
24	940200400009	2	Sprocket	2		
25	910401300011	1	Circlip	2		
26	401743010004	2	Chain	2		
27	532024020002	2	Chain Anchor	2		
28	910600600019	1	Cotter Pin	2		
29	910300100009	1	Nut	4		
30	400543010002	2	Leg(right)	1		

04 Mast (400246044002)

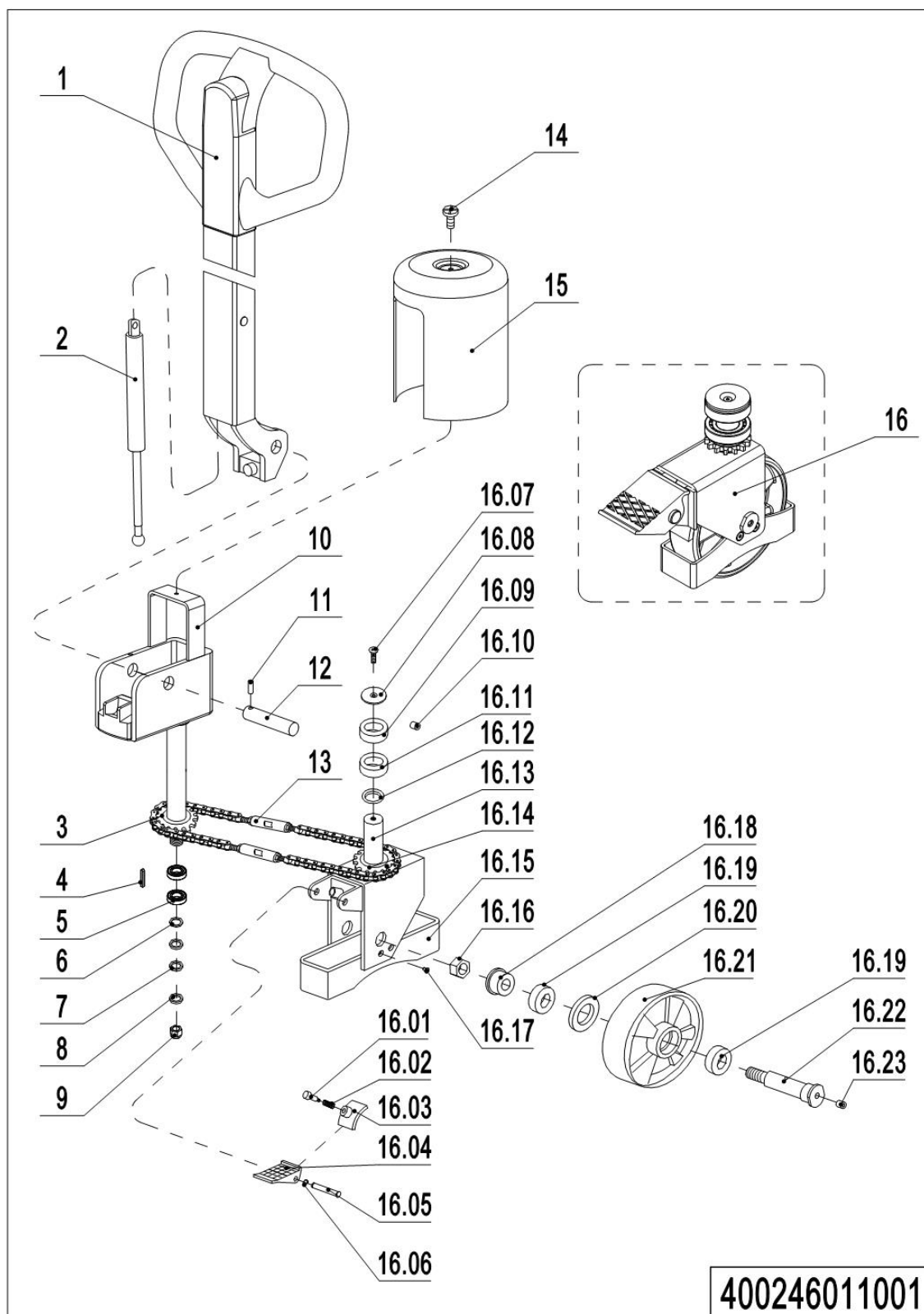
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

04 Mast (400246044002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	400244010001	2	Inner Mast (2500)	1		
1	400244010006	2	Inner Mast (3000)	1		
1	400544010003	2	Inner Mast (3300)	1		
2	910200200055	1	Screw	1		
3	910401400013	1	Circlip	2		
4	910700200019	1	Bearing	2		
5	940200400009	2	Sprocket	2		
6	910401300011	1	Circlip	2		
7	401144020016	2	Chain	2		2500
7	400244010024	2	Chain	2		3000
7	400544010004	2	Chain	2		3300
8	532024020002	2	Chain Anchor	2		
9	910600600019	1	Cotter Pin	2		
10	910300100009	1	Nut	2		
11	910300500007	1	Nut	2		
12	400238020020	2	Roller	4		
13	910401300014	1	Circlip	4		
14	400244020019	2	Plate	1		
15	910200200075	1	Screw	2		

Chapter 3: Steering System, Braking System, Wheels

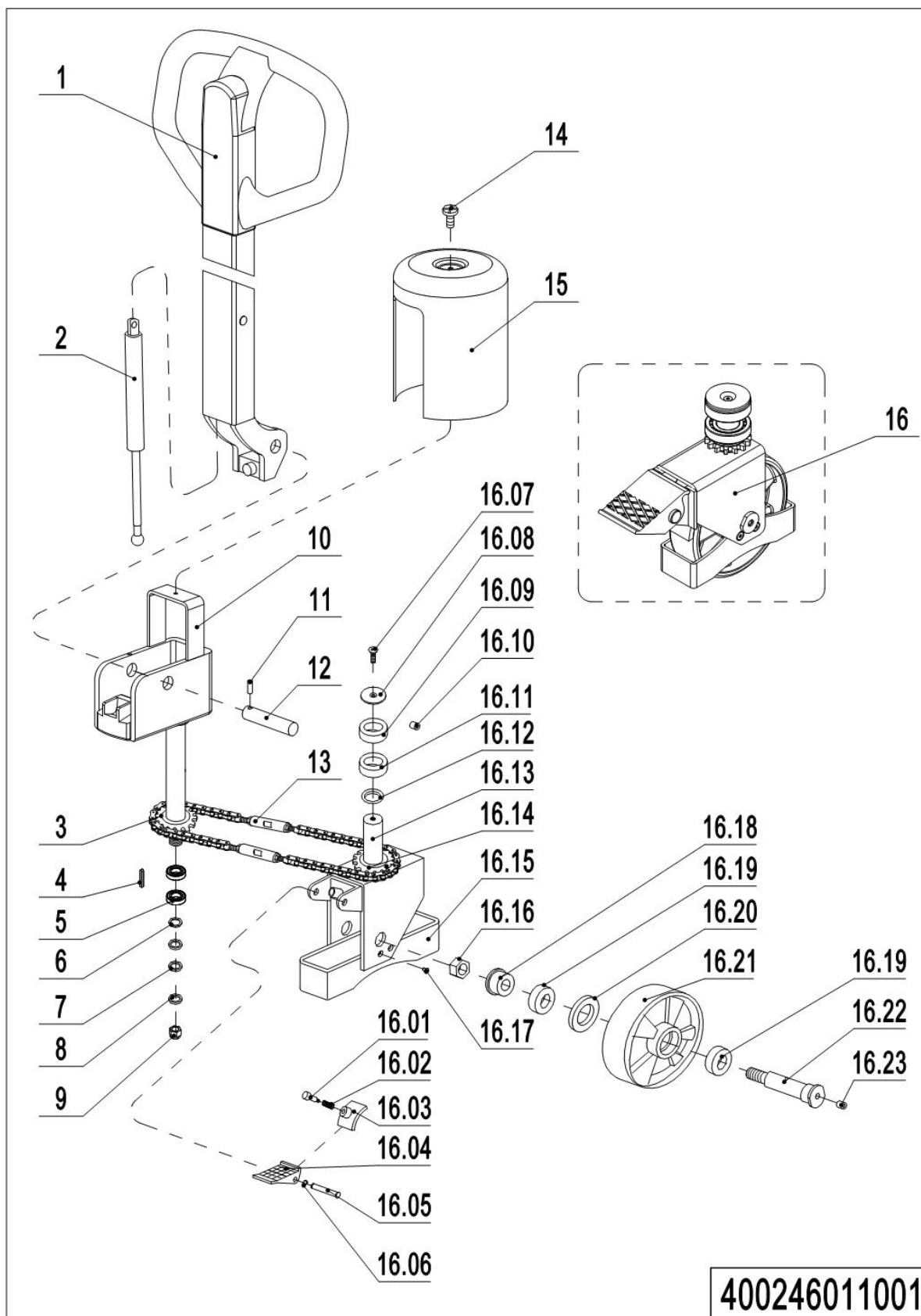
01 Tiller Steering Unit (400246011001)



01 Tiller Steering Unit (400246011001)

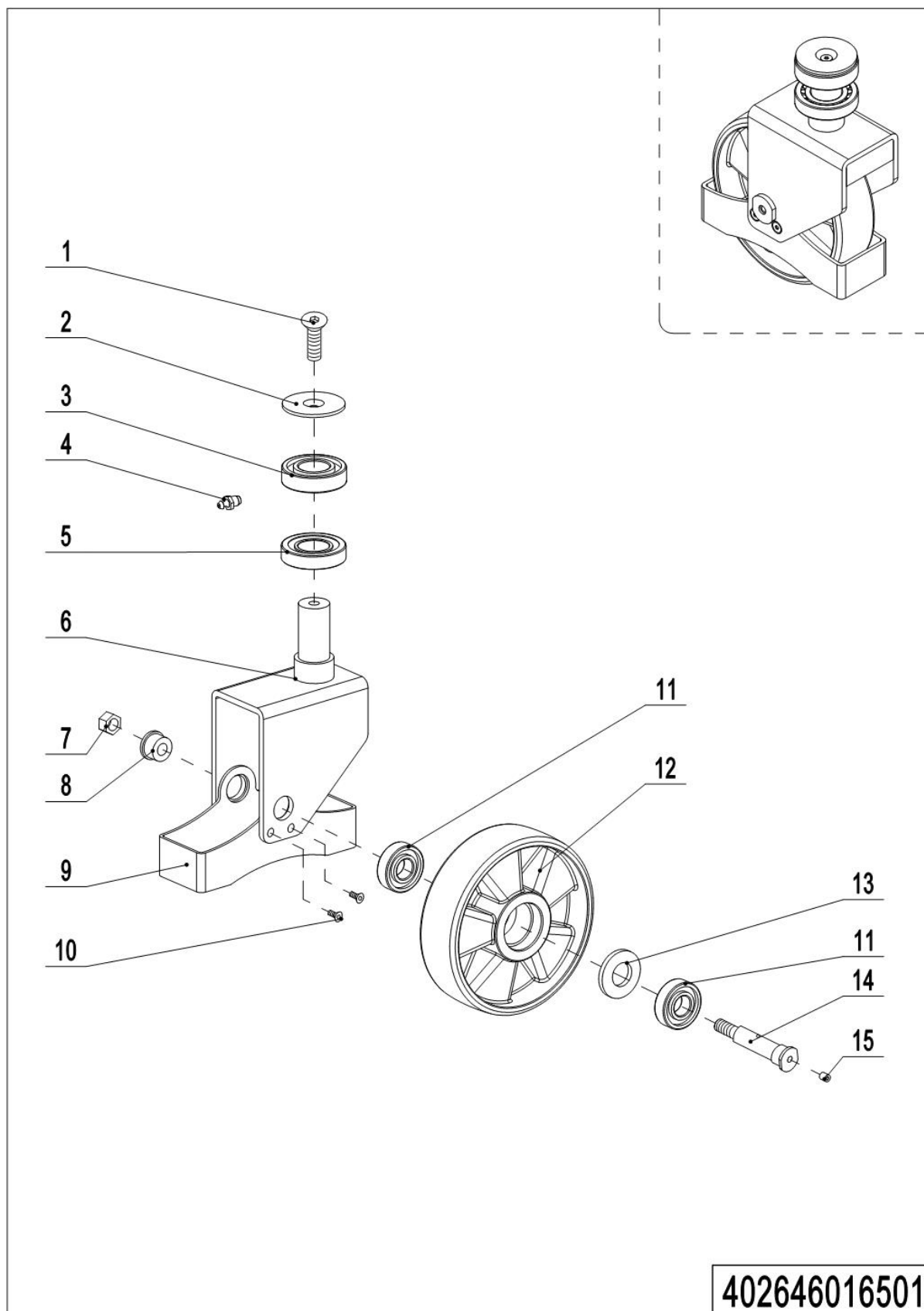
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	400298510001	2	Control Tiller Kit	1		
2	940400100036		Air Spring	1		
3	402911020001	2	Sprocket Wheel	1		
4	401711020015	2	Feather Key	1		
5	910700200020	1	Bearing	2		
6	940600500034	2	Washer	1		
7	402911020000	2	Washer	2		
8	910400100011	1	Flat Washer	1		
9	910300600003	1	Nut	1		
10	400211010000	2	Bracket	1		
11	910200800003	1	Screw	1		
12	400211020004	2	Axle	1		
13	402698510008	2	Chain Anchor Kits	1		
14	910200500038	1	Screw	1		
15	400211020016	2	Protective Cover	1		
16	402698510009	2	Caster Assembly	1		PU,Red
16	402698510010	2	Caster Assembly	1		Nylon,White
16.01	402916520004	2	Adjusting Rod	1		
16.02	940400500072	2	Spring	1		
16.03	402916520003	2	Press Plate	1		
16.04	402916520005	2	Platform	1		
16.05	402916520002	2	Pin	1		
16.06	910401300003	1	Circlip	1		
16.07	910200400035	1	Screw	1		
16.08	401716520004	2	Gland	1		
16.09	910700200021	1	Bearing	1		
16.10	911200100003	2	Oil Cup	1		
16.11	910700600002	1	Bearing	1		
16.12	322816520005	2	Washer	1		
16.13	401716510000	2	Wheel Carrier	1		

01 Tiller Steering Unit (400246011001) Continuation



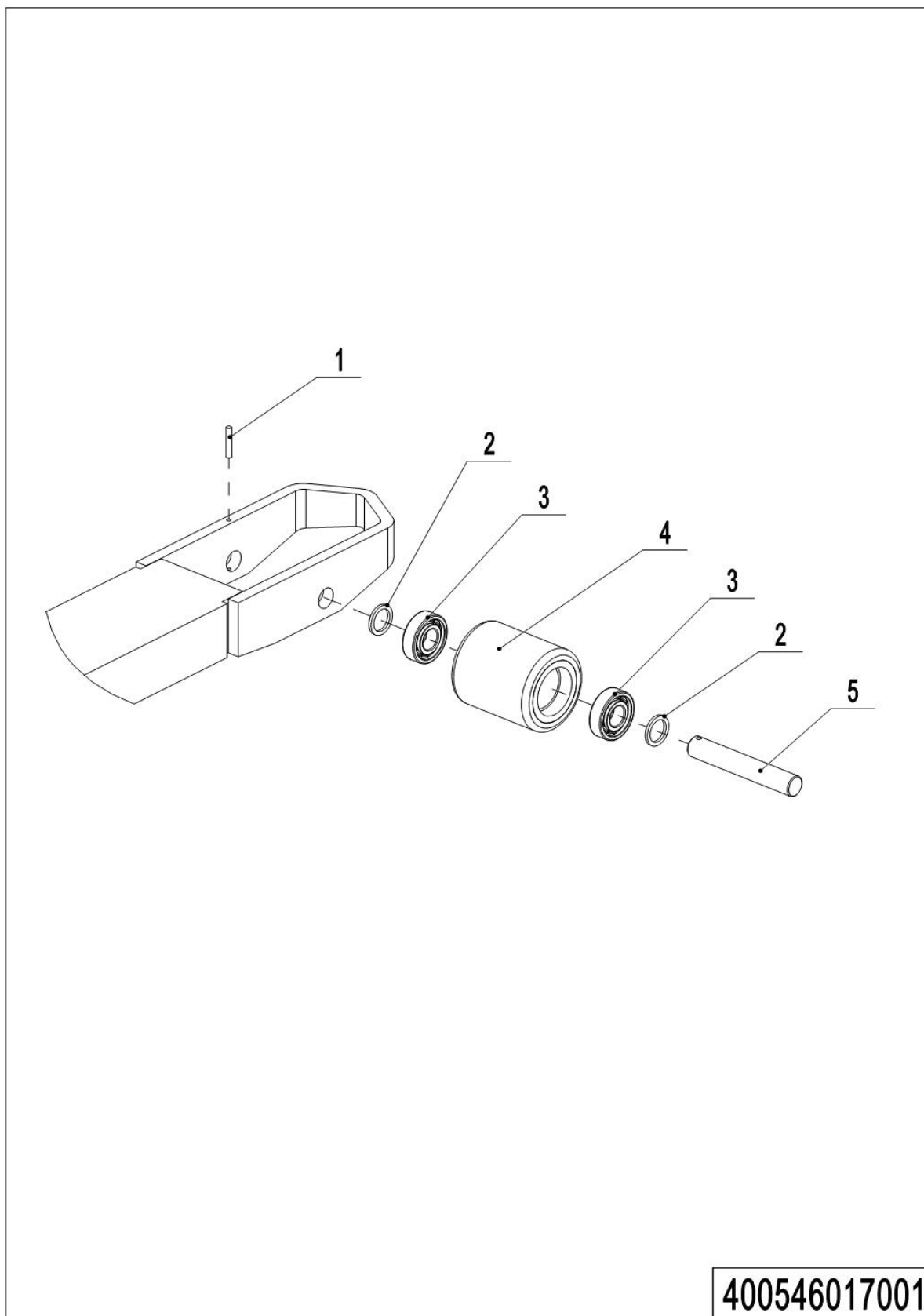
01 Tiller Steering Unit (400246011001) Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
16.14	402916520006	2	Sprocket Wheel	1		
16.15	401716520003	2	Baffle	1		
16.16	910300500006	1	Nut	1		
16.17	910200400015	1	Screw	4		
16.18	402916520001	2	Washer	1		
16.19	910700200019	1	Bearing	2		
16.20	321016520008	2	Washer	1		
16.21	940300101011	2	WheelΦ180x50	1		PU,Red
16.21	940300105003	2	Wheel	1		Nylon,White
16.22	400216520000	2	Axle	1		
16.23	401716520009	2	Oil Cup	1		

02 Caster Assembly (402646016501)

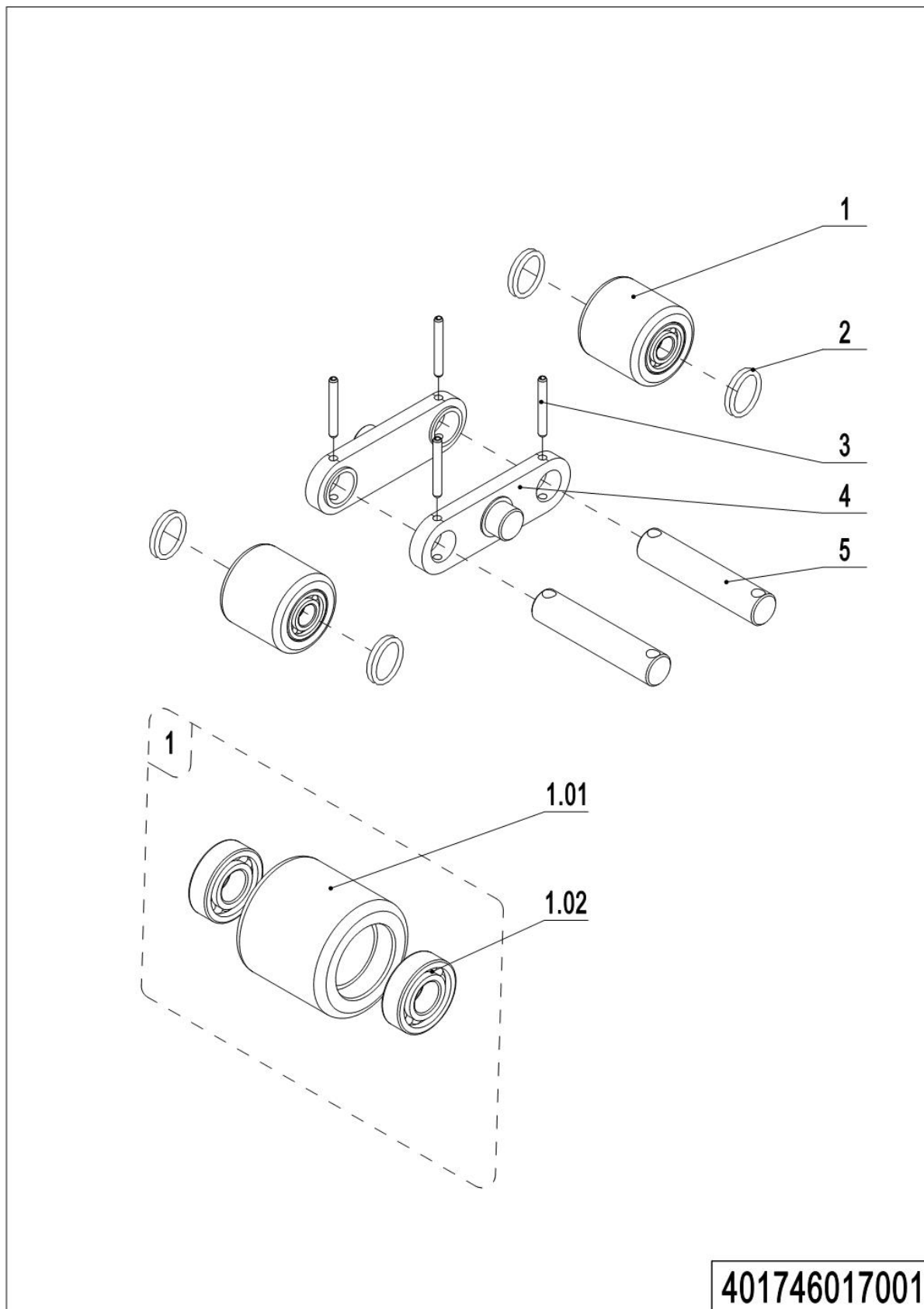
02 Caster Assembly (402646016501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	402698510011	2	Caster Assembly	1		PU,Red
--	402698510012	2	Caster Assembly	1		Nylon,White
1	910200400035	1	Screw	1		
2	401716520004	2	Gland	1		
3	910700200021	1	Bearing	1		
4	911200100003	2	Oil Cup	1		
5	910700600002	1	Bearing	1		
6	401716510001	2	Wheel Carrier	1		
7	910300500006	1	Nut	1		
8	402916520001	2	Washer	1		
9	401716520003	2	Baffle	1		
10	910200400016	1	Screw	4		
11	910700200019	1	Bearing	2		
12	940300101011	2	WheelΦ180x50	1		PU,Red
12	940300105003	2	Wheel	1		Nylon,White
13	321016520008	2	Washer	1		
14	400216520000	2	Axle	1		
15	401716520009	2	Oil Cup	1		

03 Load Wheel (Single Wheel) (400546017001)

04 Load Wheel (Single Wheel) (400546017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910600400019	1	Spring Pin	2		
2	940600500030	2	Washer	4		
3	910700200019	1	Bearing	4		
4	940300202015		Wheel	2		Nylon,White
4	940300201012		Wheel Φ 74x93	2		PU,Red
5	400517020000	2	Axle	2		

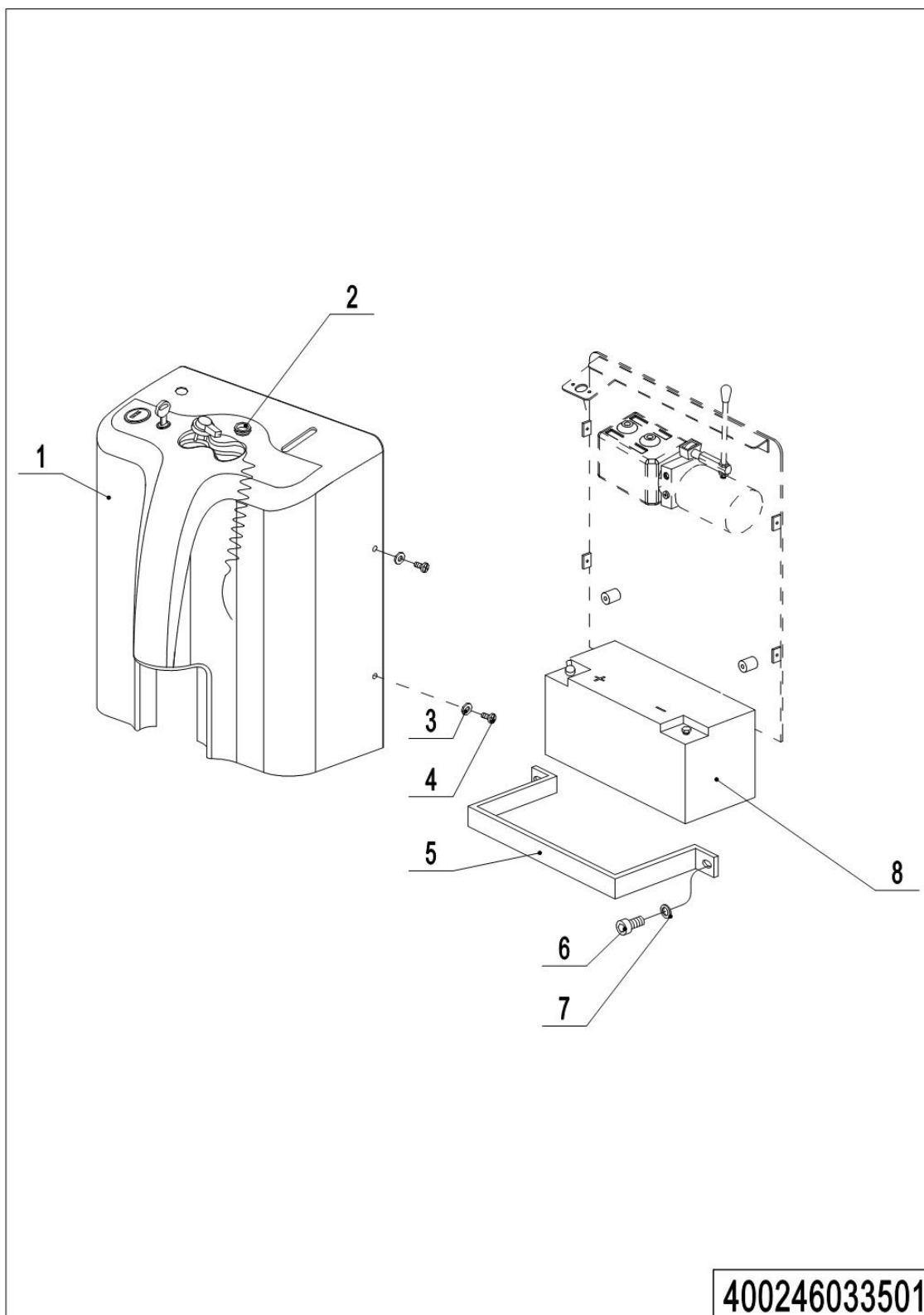
04 Load Wheel (Double wheel) (401746017001)

04 Load Wheel (Double wheel) (401746017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	401798510005		Wheel	4		Nylon,White
1	401798510006		Wheel	4		PU,Red
1.01	940300202006		Wheel	4		Nylon,White
1.01	940300201020		WheelΦ74x70	4		PU,Red
1.02	910700200019		Bearing	8		
2	940600500014	2	Washer	8		
3	910600400027	1	Spring Pin	8		
4	301017020003	2	Plate	4		
5	502317020001	2	Axle	4		

Chapter 4: Electrical Parts

01 Electrical Components (400246033501)

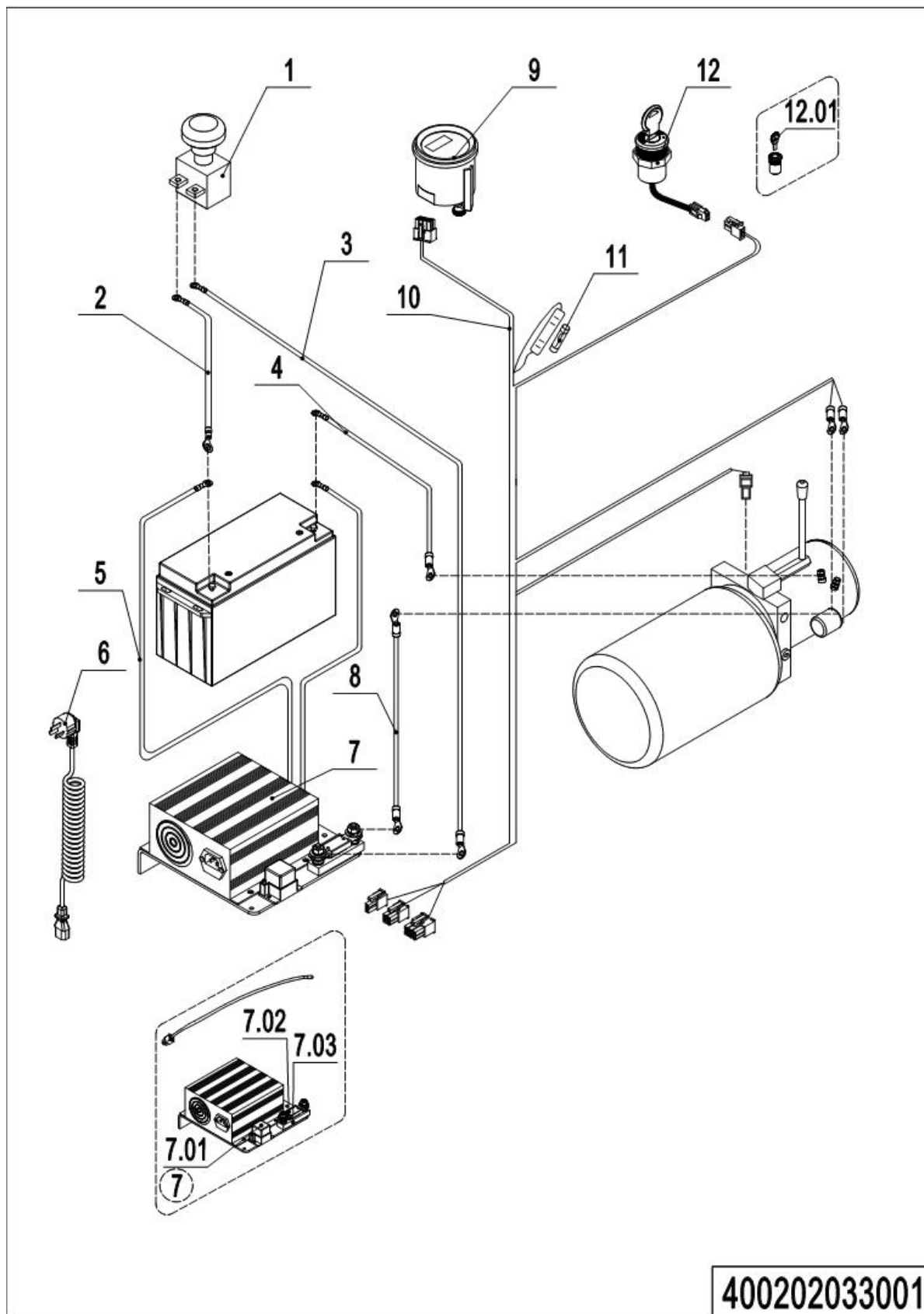


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01 Electrical Components (400246033501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	400221520000	2	Electrical Distribution Box	1		
2	505621520036	2	Jacket	1		
3	910400100005	1	Flat Washer	4		
4	910200500052	1	Screw	4		
5	400237020000	2	Press Plate	1		
6	910200200055	1	Screw	2		
7	910400500006	1	Spring Washer	2		
8	920600100193	2	Battery12V128Ah	1		XP

02 Wire harness (400202033001)



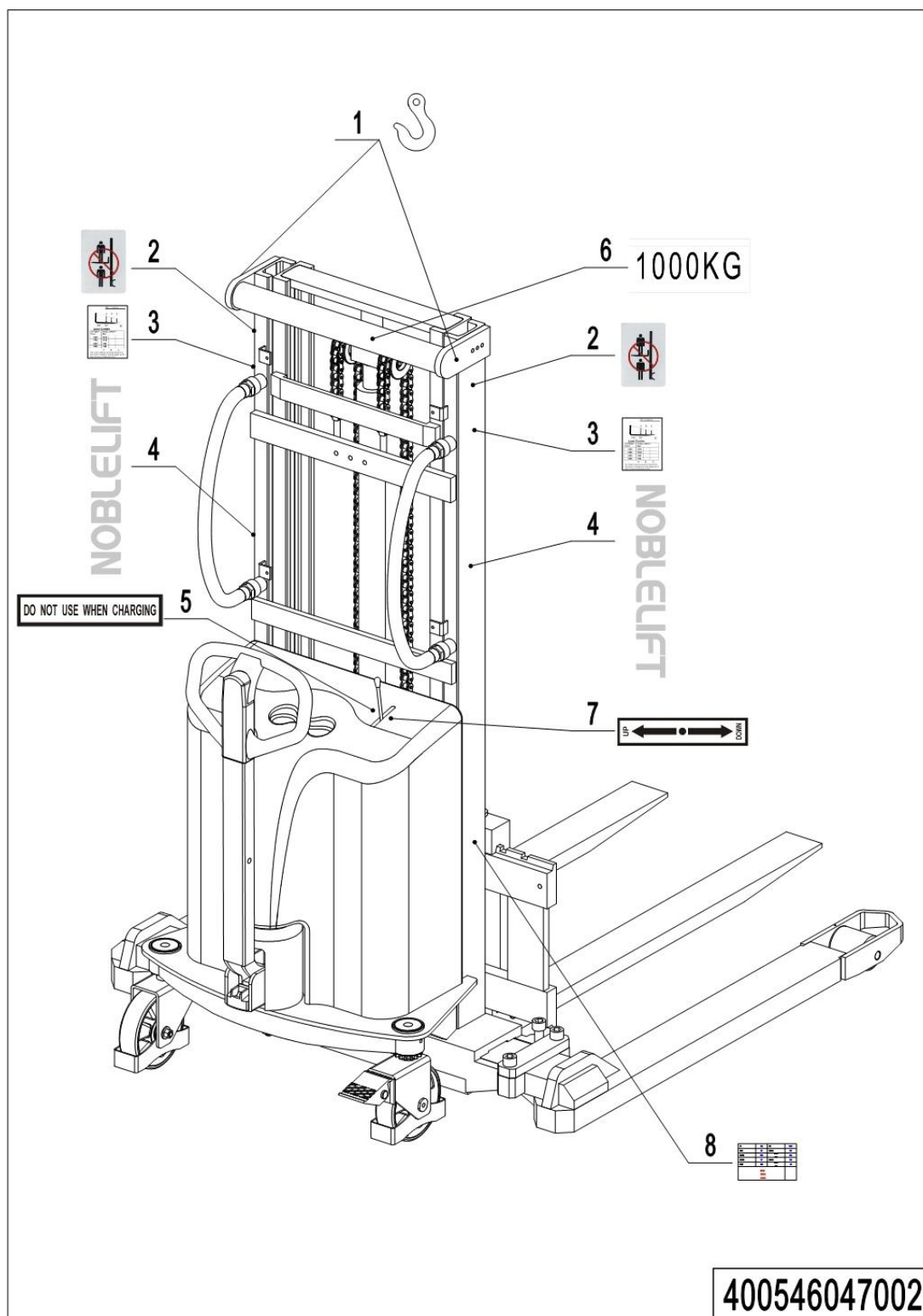
400202033001

02 Wire harness (400202033001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	92020010000	2	Emergency switch	1		
2	40023301000	2	Cable	1		
3	40023301000	2	Cable	1		
4	40023301000	2	Cable	1		
5	40023301000	3	Cable	1		TZ2022092
6	92150020000	2	Spring wire 3x0.75 (Asia)	1		
6	92150020000	2	Spring wire 3x0.75 (EU)	1		
6	92150020000	2	Spring wire 3x0.75 (AUS)	1		
6	92150020000	2	Spring wire 3x0.75 (ENG)	1		
6	92150020000	2	Spring wire 3x0.75 (USA)	1		
6	92150020003	2	Spring wire 3x0.75 (ARG)	1		
6	92150020002	2	Spring wire 3x0.75 (ISR)	1		
6	92150020006	2	Spring wire 3x0.75 (BRA)	1		
7	92100010001	3	Charger 12V20A	1		QQE
7	92100010006	2	Charger WT12V20A	1		TZ2022092
7.01	92120010000	2	Module	1		
7.02	92010010000	2	Fuse 200A (plastic)	1		
7.03	92010040000	2	Fuse holder SY	1		
8	40023301000	2	Cable	1		
9	92110010002	2	Display	1		
10	40023301000	2	Wire harness	1		
11	92010030000	2	Fuse 6A	1		
12	40263401000	3	Key accessories	1		
12	402634010001	2	Key switch	1		TZ2021056
12.01	50569852003	3	Key	1		
12. 01	920200200029	2	Key	1		TZ2022092

Chapter 5: Others

01 Label and Decal (400546047002)



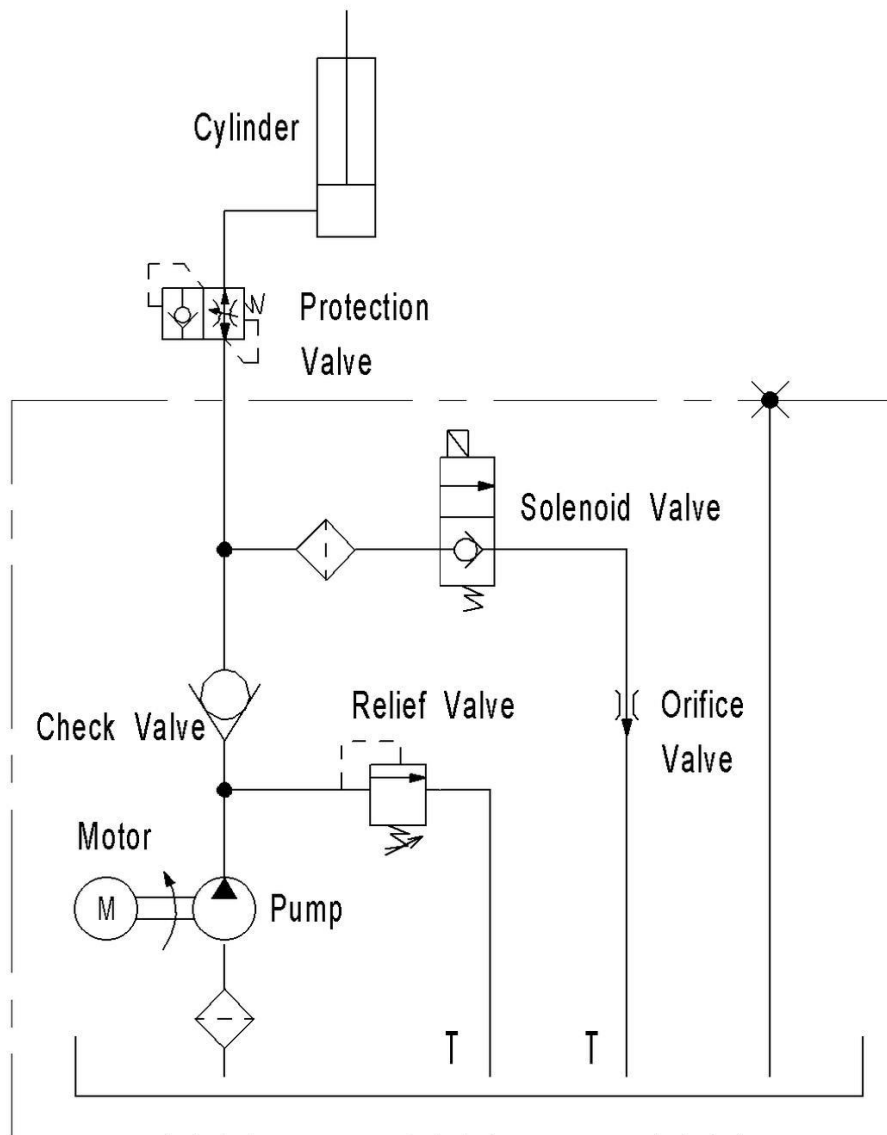
1= Supply as package. 2= Supply with constraints. 3= Phasing-out supply. 4= Supply as assembly. 5= Check other tables.

01 Label and Decal (400546047002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300001	2	Label	2		
2	941200100022	2	Label	2		
3	400547520002	2	Load Capacity Diagram	2		
4	941200500001	2	Label	2		
5	941200100024	2	Label	1		
6	941200200018	2	Label (1000kg)	1		
7	941200400006	2	Label	1		
8	400547520001	2	Truck data plate	1		

01 Electrical Circuit Diagram

02 Hydraulic Circuit Diagram



532046045504

03 Consumable Parts List

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	401798510000	Seal Kit	1	Chapter 1/01/12.01
2	402698520022	Carbon Brush	4	Chapter 1/02/11
3	940300101011	Wheel Φ 180x50	2	Chapter 3/01/16.21Chapter 3/02/12
3	940300105003	Wheel	2	Chapter 3/01/16.21Chapter 3/02/12
4	940400100036	Air Spring	1	Chapter 3/01/2
5	940300201012	Wheel	2	Chapter 3/03/4
5	940300202015	Wheel	2	Chapter 3/03/4
6	401798510005	Wheel	4	Chapter 3/04/1
6	401798510006	Wheel	4	Chapter 3/04/1
7	940300202006	Wheel	4	Chapter 3/04/1.01
7	940300201020	Wheel Φ 74x70	4	Chapter 3/04/1.01
8	920100300002	Fuse	1	Chapter 4/02/11
9	920100100008	Fuse	1	Chapter 4/02/7. 02