

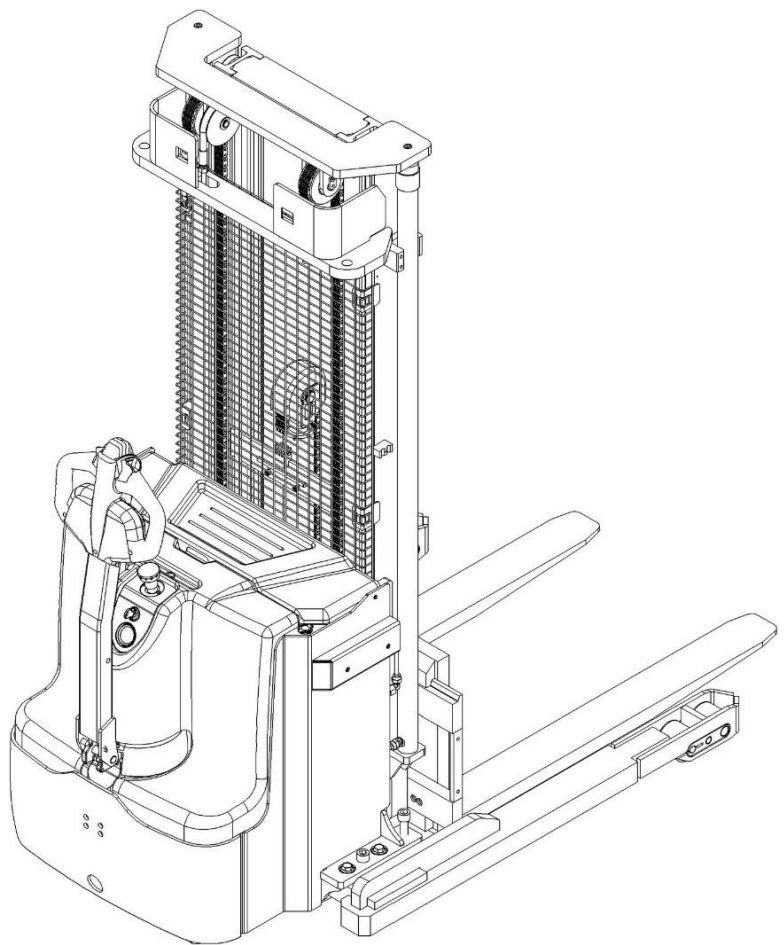
Print Number:

Print Date:

Electric Pallet Stacker PS16TSL

PARTS MANUAL

534846020109



Version: V09

Truck Identification Number From:

Parts Manual PS16TSL-PM09EN

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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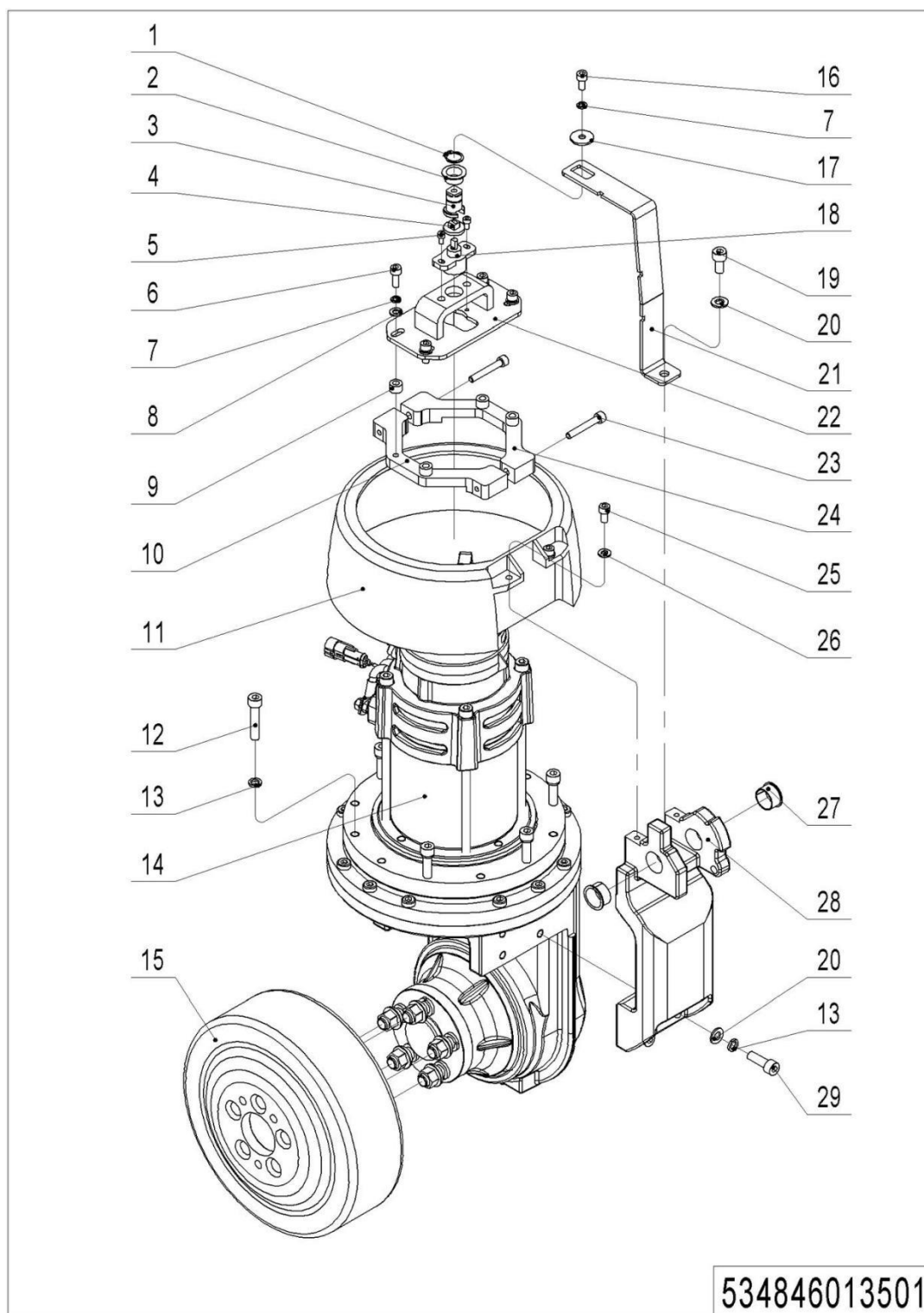
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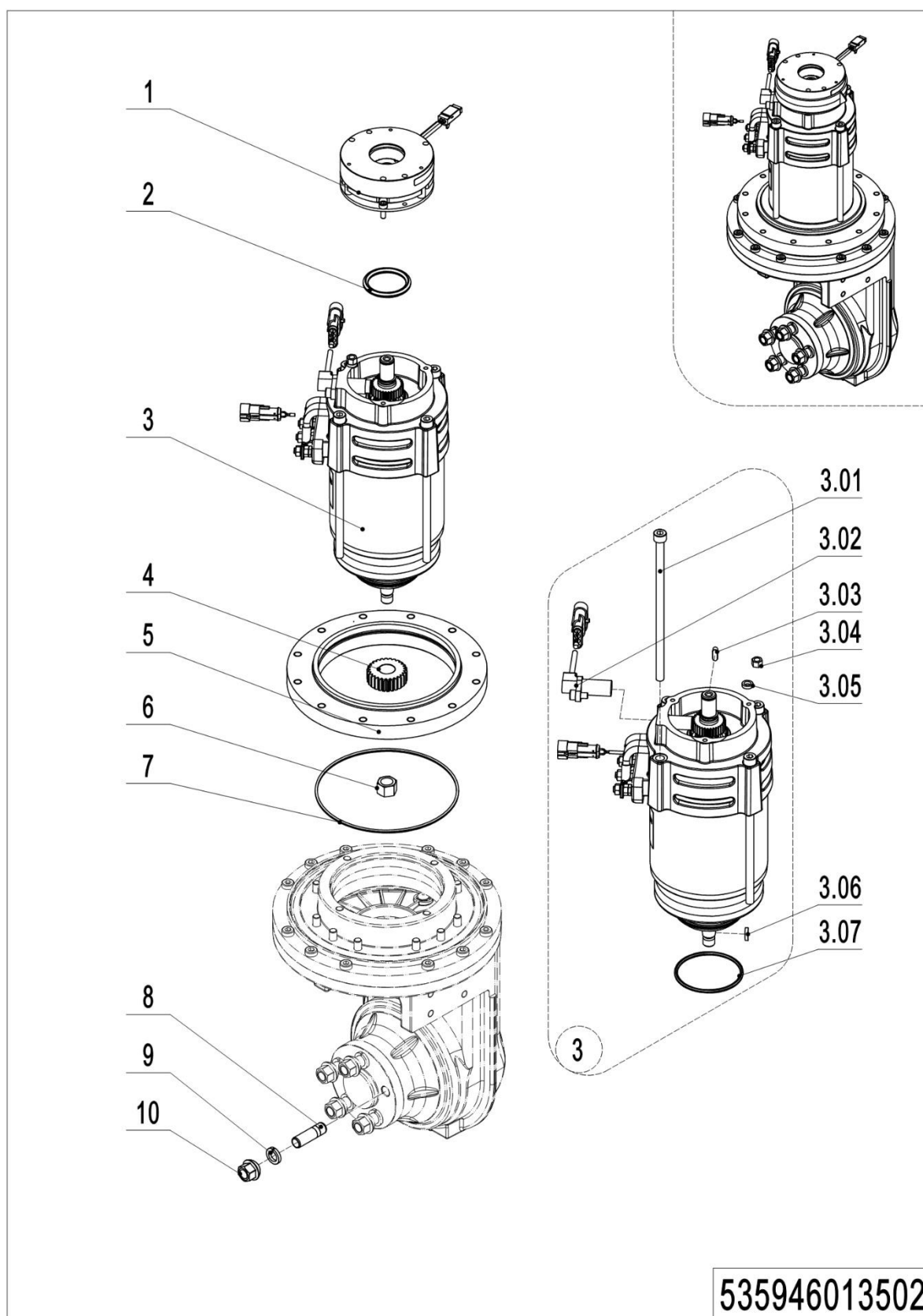
Chapter 1: Drive System

01 Drive Unit (534846013501)



01 Drive Unit (534846013501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910401300006	1	Circlip(Shaft)	1		
2	940500200001	1	Bushing	1		
3	534813520001	2	Fixed Shaft	1		
4	505631520003	2	Connector Block	1		
5	910200200012	1	Screw M4x8	2		
6	910200200038	1	Screw M6x25	4		
7	910400500005	1	Spring Washer	5		
8	910400100005	1	Flat Washer	4		
9	534813520010	2	Spacer Bush	4		
10	534813520002	2	Fixed Plate	1		
11	534713520003	2	Guard Cover	1		
12	910200200061	1	Screw M8x40	6		
13	910400500006	1	Spring Washer	10		
14	535998510024		Drive Assembly	1		See 535946013502
15	940300400034		Drive WheelΦ230x75	1		
16	910200200033	1	Screw M6x12	1		
17	534813520008	2	Washer	1		
18	921800200006		Potentiometer	1		
19	910200200055	1	Screw M8x16	1		
20	910400100006	1	Flat Washer	5		
21	534813520009	2	Linkage	1		
22	534813510001	2	Mounting Base	1		
23	910200200041	1	Screw M6x40	2		
24	534813520003	2	Fixed Plate	1		
25	910200300017	1	Screw M6x12	2		
26	910400100005	1	Flat Washer	2		
27	940500200005	1	Bushing	2		
28	534813520000	2	Tiller Bracket	1		
29	910200200058	1	Screw M8x25	4		

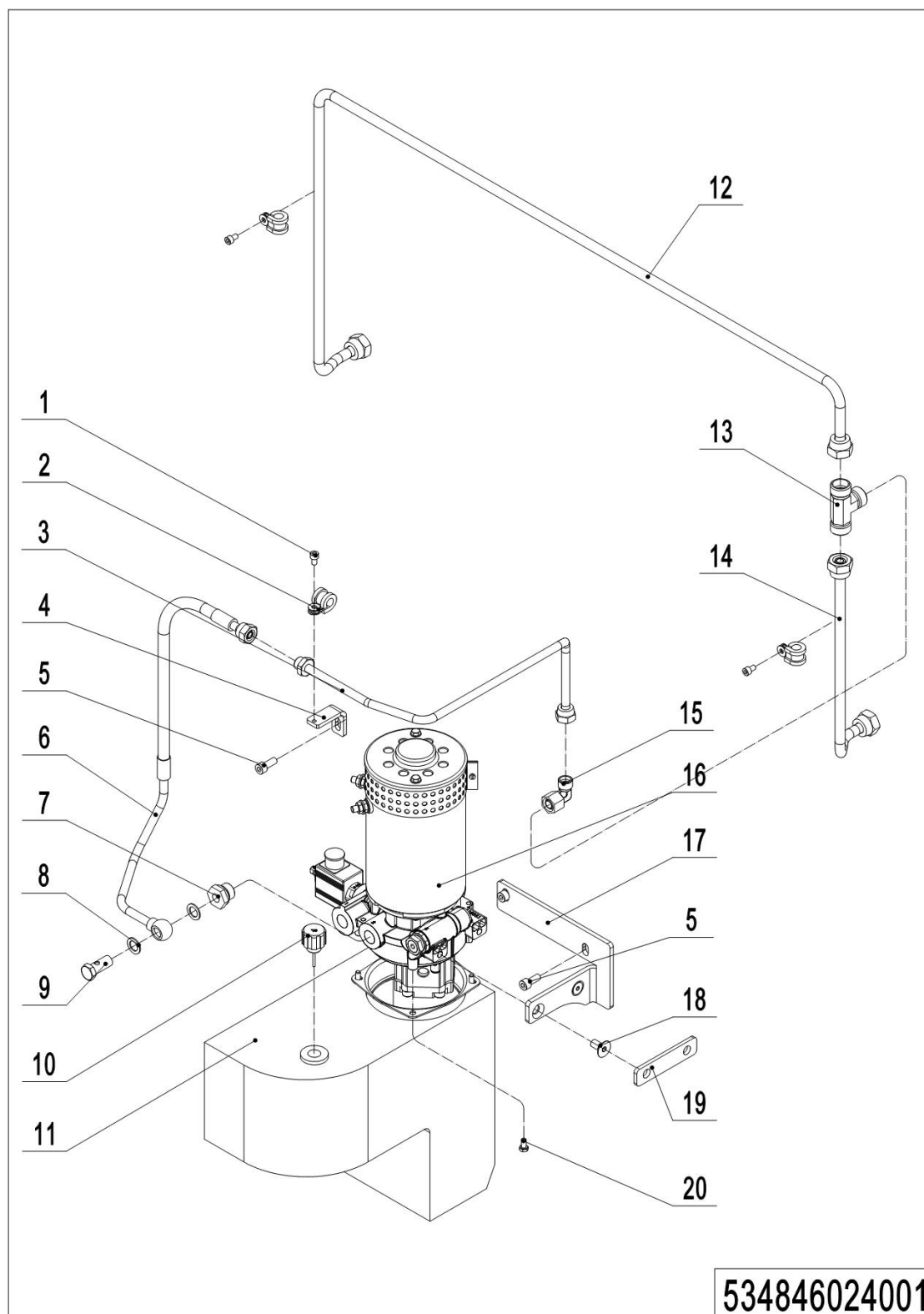
02 Drive Assembly (535946013502)

02 Drive Assembly(535946013502)

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	535998510001	2	Brake	1		
2	535998520000	4	Locating Ring	1		
3	535998510003	2	Motor	1		
3.01	535998520002	2	Screw	4		
3.02	535998510002	2	Sensor	1		
3.03	535998520005	2	Flat Key	1		
3.04	535998520003	2	Nut	1		
3.05	535998520004	2	Safety Element	1		
3.06	535998520006	2	Key	1		
3.07	535998520007	2	O-Ring	1		
4	535998520014	2	Gear	1		
5	535998520010	2	Plate	1		
6	535998520008	2	Nut	1		
7	535998520009	2	O-Ring	1		
8	535998520011	2	Stud M12x1.5x40	5		
9	535998520012	2	Spring Washer	5		
10	535998520013	2	Nut	5		

Chapter 2: Hydraulic System

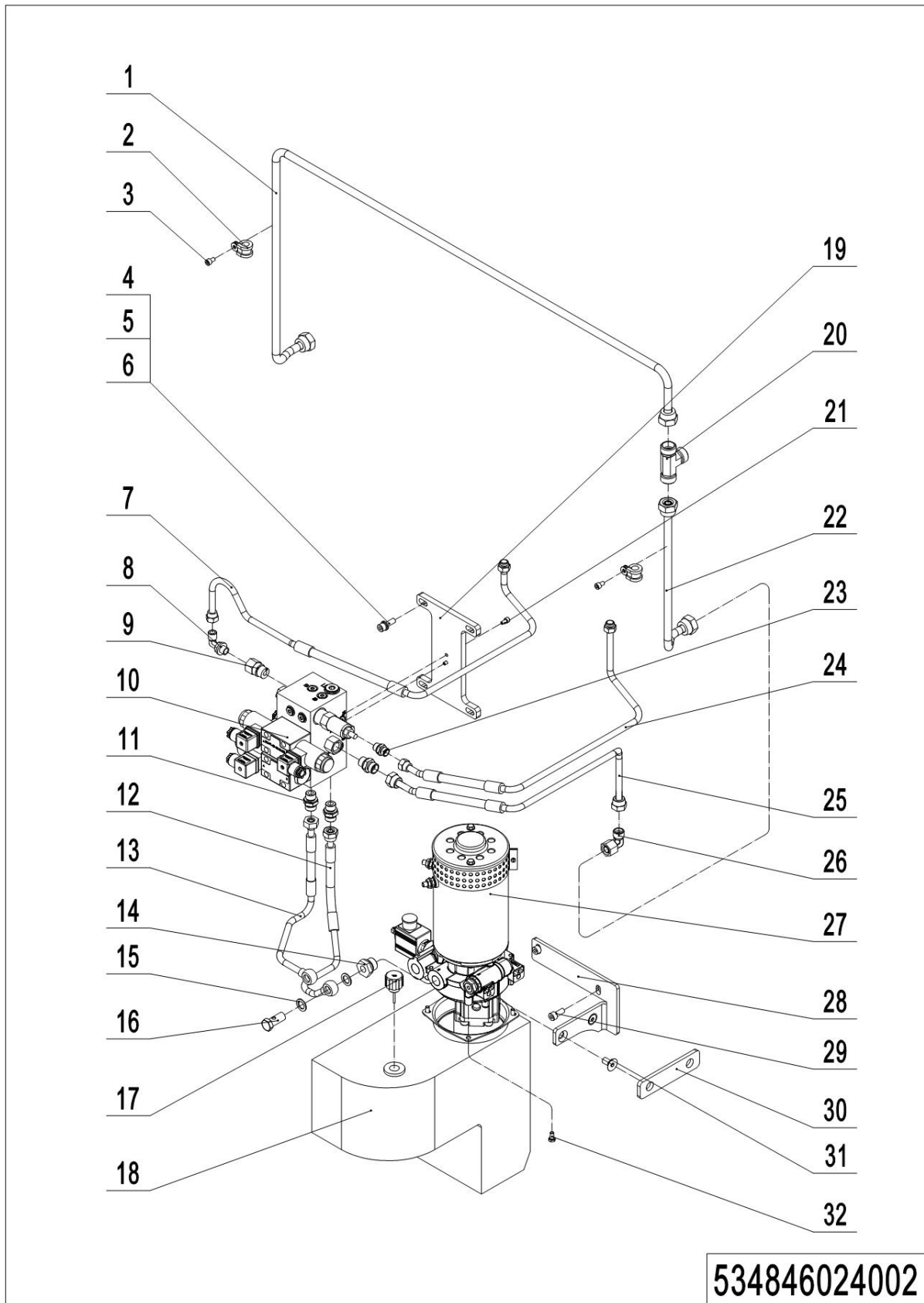
01 Hydraulic Components (Double Mast) (534846024001)



01 Hydraulic Components(Double Mast)(534846024001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200035	1	Screw M6x16	3		
2	951000100001	1	Hose Clamp	3		
3	534824010006	2	Hydraulic Steel Pipe	1		
4	534824020002	2	Fixed Plate	1		
5	910200200057	1	Screw M8x20	3		
6	534824010005	2	Hose Assembly	1		
7	950401200004		Adapter	1		
8	910800900003	1	Bonded Washer	2		
9	911300300001		Hinge Bolt	1		
10	951100200001		Screw Plug	1		
11	534819010000	2	Tank	1		
12	534824010008	2	Hydraulic Steel Pipe	1		
13	950400700002		T-connector	1		
14	534724010007	2	Hydraulic Steel Pipe	1		
15	950400200003		Joint	1		
16	-----		Pump Unit	1		Check534746023501
16	-----		Pump Unit	1		Check534746023502
17	534824020001	2	Fixed Plate	1		
18	910200400035	1	Screw M10x20	2		
19	534823520001		Subplate	1		Only VIBO
20	910100300009	1	Bolt M6x12	4		

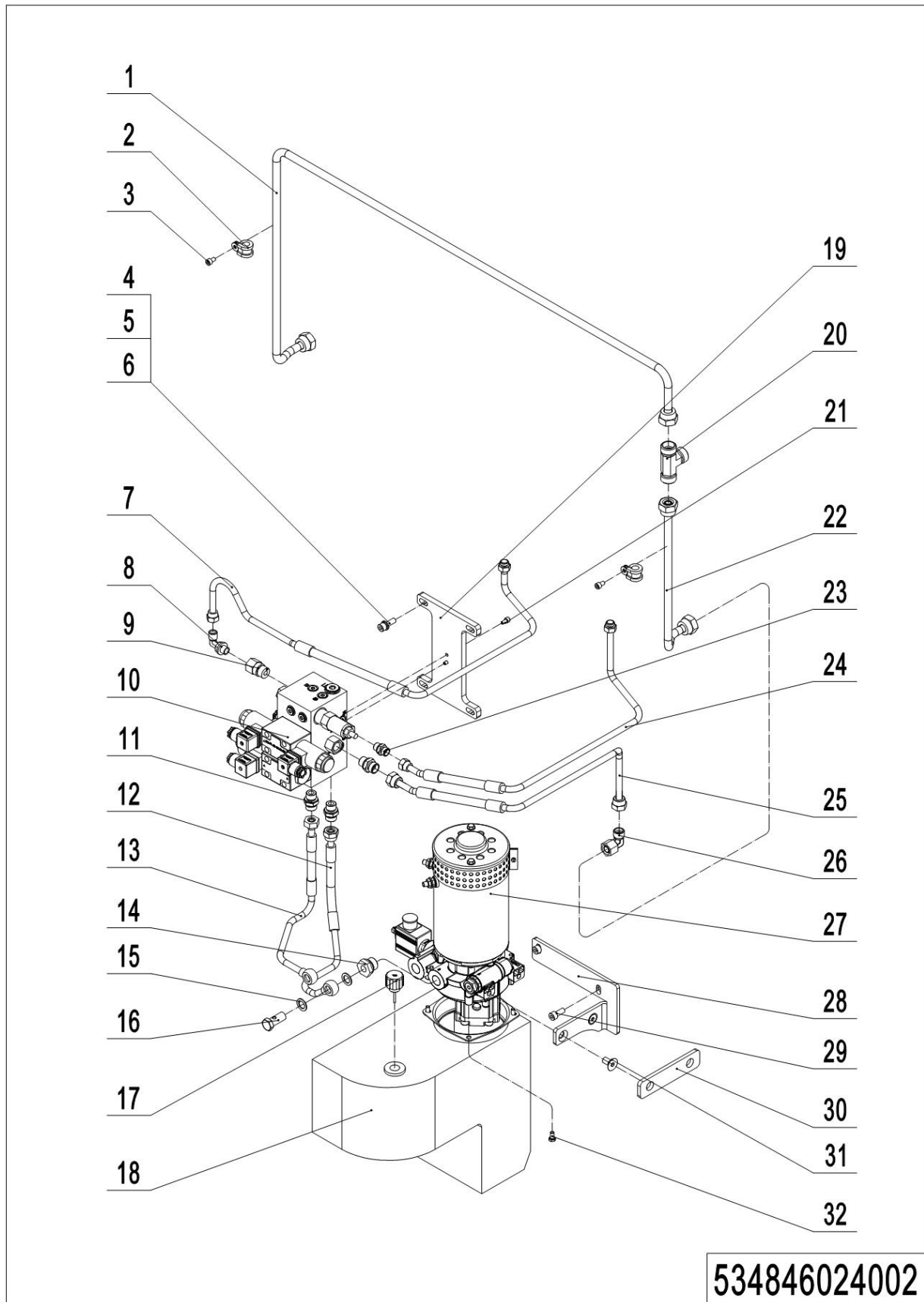
02 Hydraulic Components (Double Mast,Side-shift) (534846024002)



02 Hydraulic Components (Double Mast,Side-shift) (534846024002)

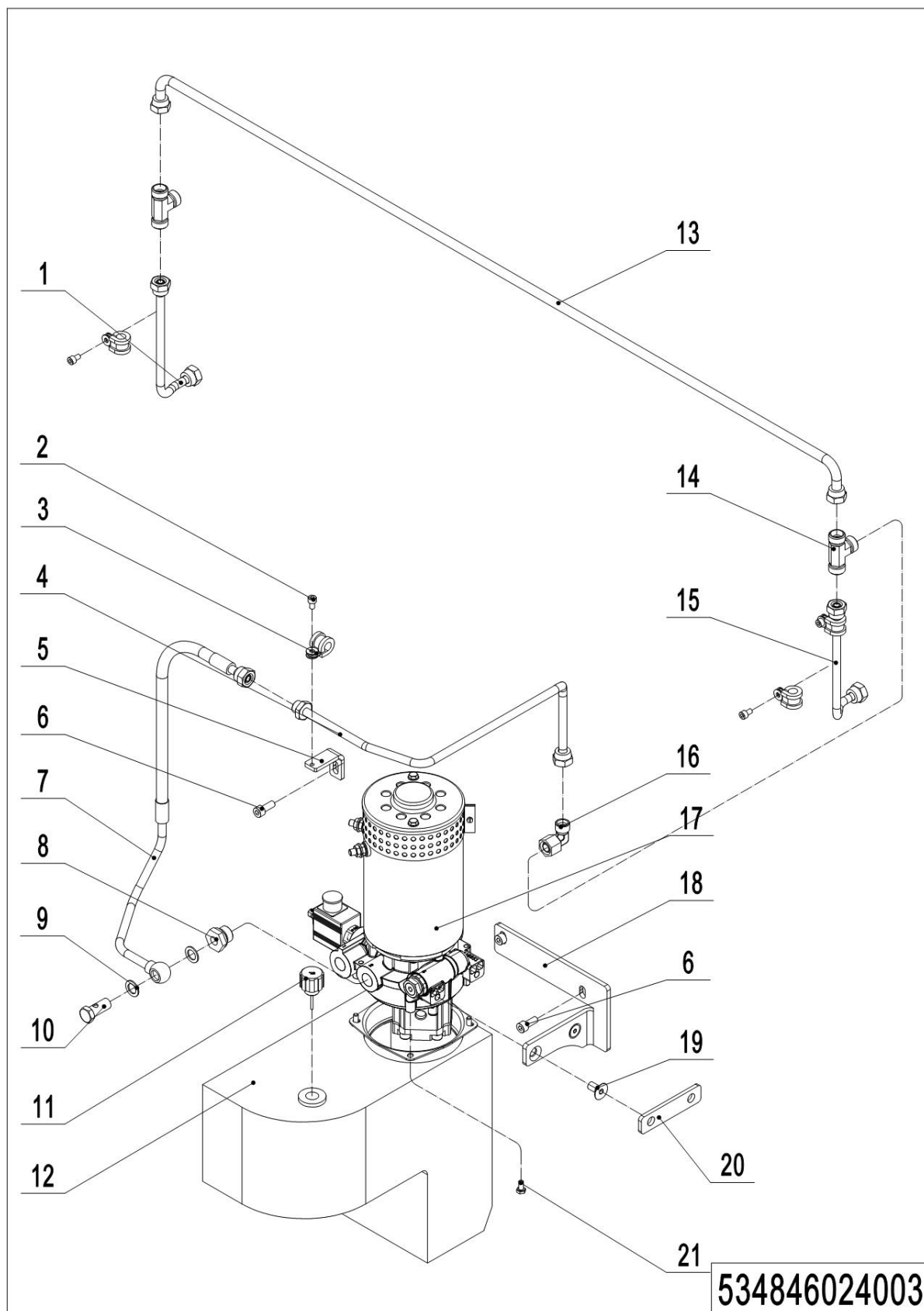
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534824010008	2	Hydraulic Steel Pipe	1		
2	951000100001	1	Hose Clamp	2		
3	910200200035	1	Screw M6x16	2		
4	910200200058	1	Screw M8x25	4		
5	910400100006	1	Flat Washer	4		
6	910400500006	1	Spring Washer	4		
7	534824010002	2	Hose Assembly	1		
8	950401100002		Adapter	1		
9	950401200003		Adapter	1		
10	950600100014	2	Hydraulic Valve	1		
11	950400300007		Adapter	3		
12	534824010001	2	Hose Assembly	1		
13	534824010000	2	Hose Assembly	1		
14	950401200004		Adapter	2		
15	910800900003	1	Bonded Washer	4		
16	911300300001	1	Hinge Bolt	2		
17	951100200001		Screw Plug	1		
18	534819010000	2	Tank	1		
19	534824020000	2	Mounting Plate	1		
20	950400700002		T-connector	1		
21	910200200021	1	Screw M5x10	2		
22	534724010007	2	Hydraulic Steel Pipe	1		
23	950400300004		Adapter	1		
24	534824010003	2	Hose Assembly	1		
25	534824010004	2	Hose Assembly	1		
26	950400200003		Joint	1		
27	-----		Pump Unit	1		Check534746023501
27	-----		Pump Unit	1		Check534746023502
28	534824020001	2	Fixed Plate	1		

02 Hydraulic Components (Double Mast,Side-shift) (534846024002)Continuation



02 Hydraulic Components (Double Mast,Side-shift) (534846024002)Continuation

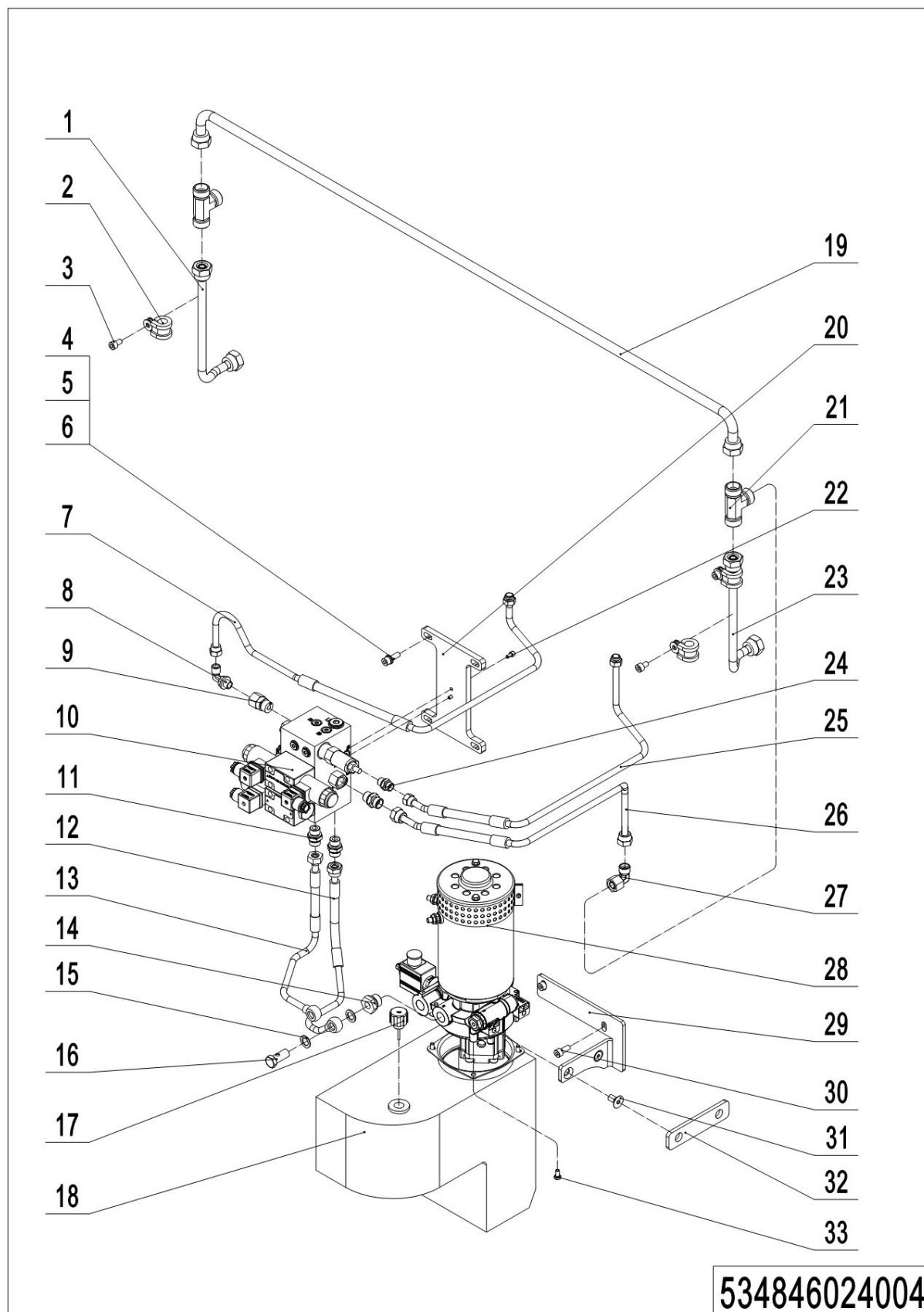
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
29	910200200057	1	Screw M8x20	2		
30	534823520001		Subplate	1		Only VIBO
31	910200400035	1	Screw M10x20	2		
32	910100300009	1	Bolt M6x12	4		

03 Hydraulic Components (TX+FFL) (534846024003)

03 Hydraulic Components (TX+FFL) (534846024003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534724010005	2	Hydraulic Steel Pipe	1		
2	910200200035	1	Screw M6x16	3		
3	951000100001	1	Hose Clamp	3		
4	534824010006	2	Hydraulic Steel Pipe	1		
5	534824020002	2	Fixed Plate	1		
6	910200200057	1	Screw M8x20	3		
7	534824010005	2	Hose Assembly	1		
8	950401200004		Adapter	1		
9	910800900003	1	Bonded Washer	2		
10	911300300001		Hinge Bolt	1		
11	951100200001		Screw Plug	1		
12	534819010000	2	Tank	1		
13	534724010000	2	Hydraulic Steel Pipe	1		
14	950400700002		T-connector	2		
15	534724010006	2	Hydraulic Steel Pipe	1		
16	950400200003		Joint	1		
17	-----		Pump Unit	1		Check534746023501
17	-----		Pump Unit	1		Check534746023502
18	534824020001	2	Fixed Plate	1		
19	910200400035	1	Screw M10x20	2		
20	534823520001		Subplate	1		Only VIBO
21	910100300009	1	Bolt M6x12	4		

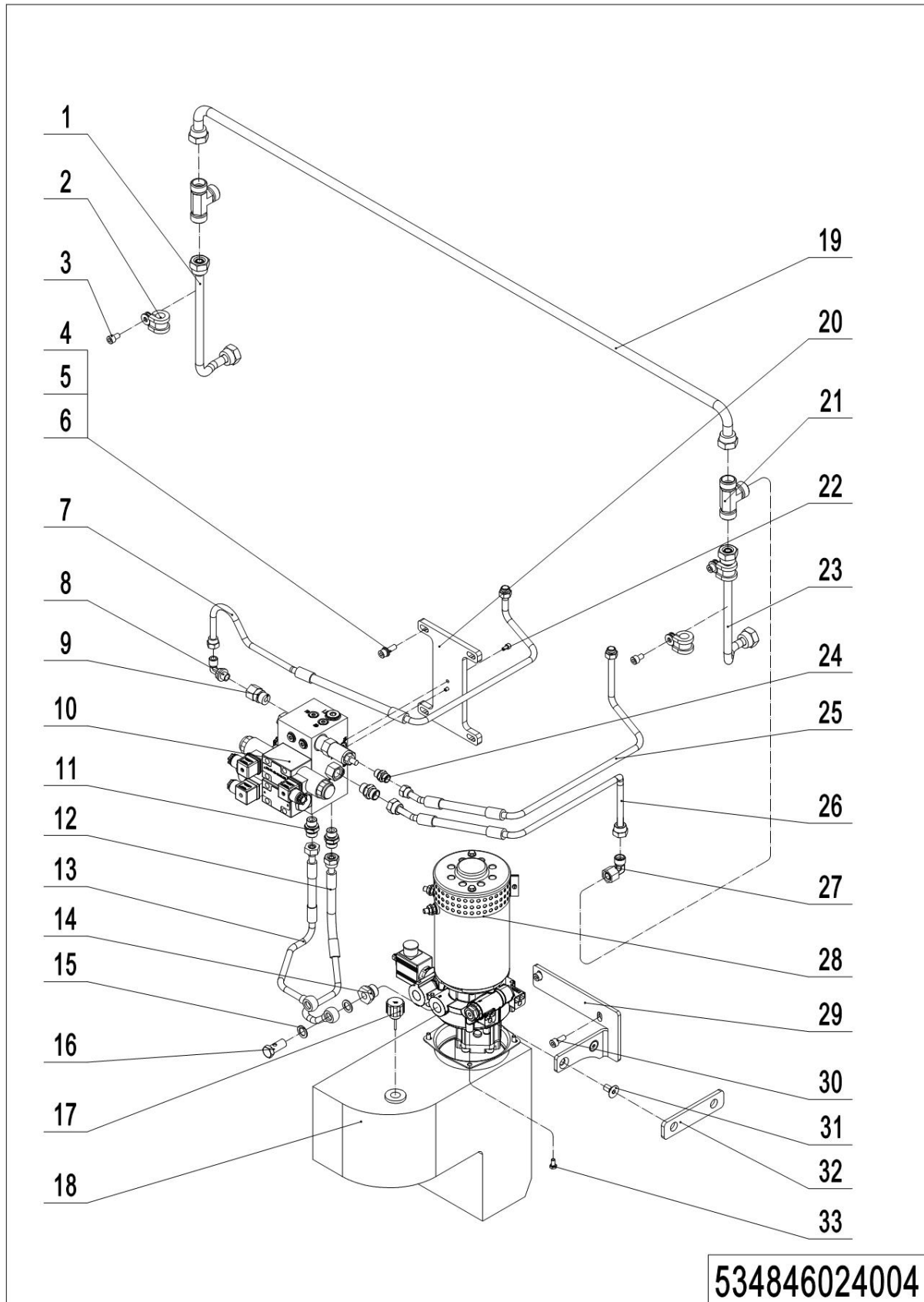
04 Hydraulic Components (TX+FFL,Side-shift) (534846024004)



04 Hydraulic Components (TX+FLL,Side-shift)(534846024004)

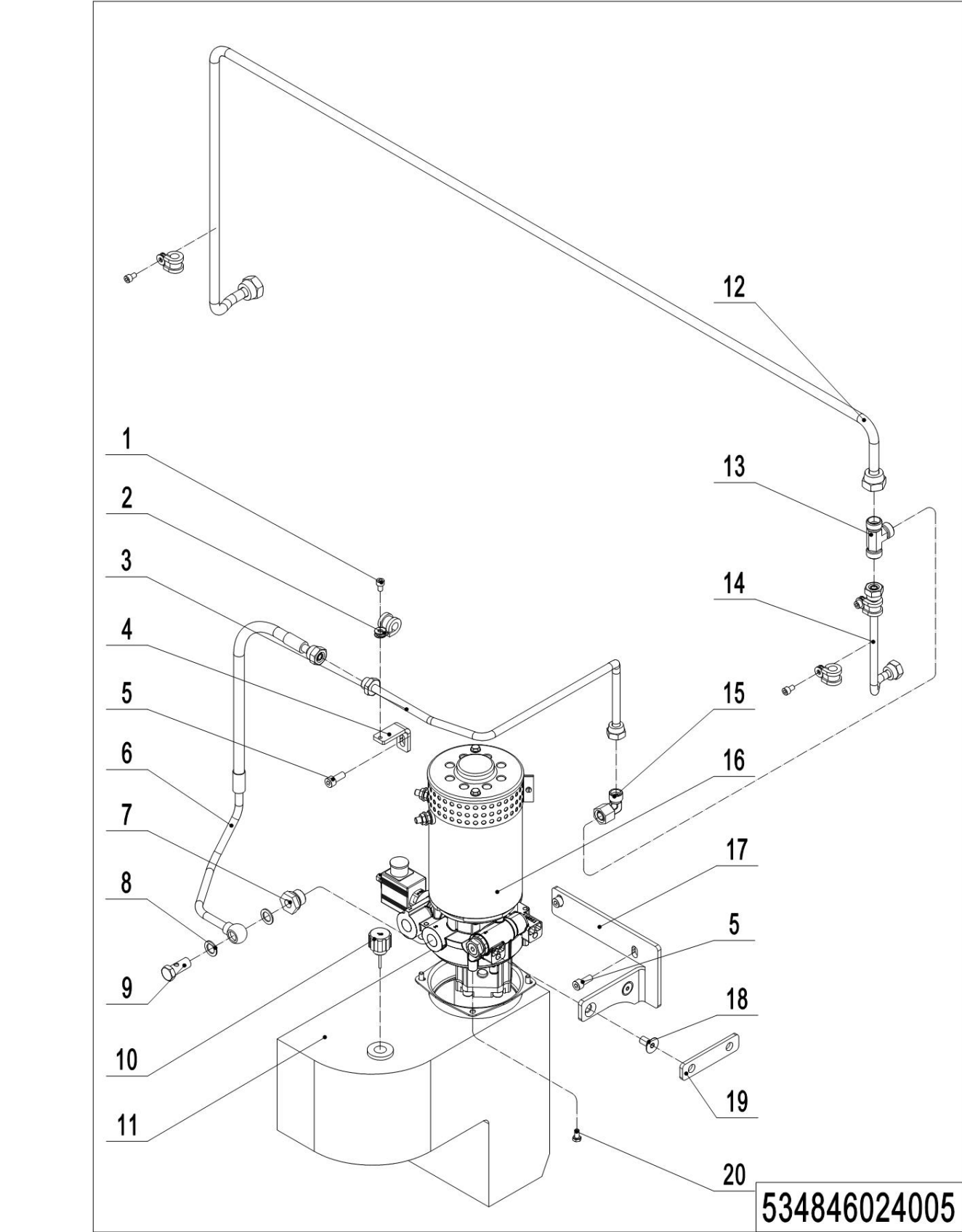
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534724010005	2	Hydraulic Steel Pipe	1		
2	951000100001	1	Hose Clamp	2		
3	910200200035	1	Screw M6x16	2		
4	910200200058	1	Screw M8x25	4		
5	910400100006	1	Flat Washer	4		
6	910400500006	1	Spring Washer	4		
7	534824010002	2	Hose Assembly	1		
8	950401100002		Adapter	1		
9	950401200003		Adapter	1		
10	950600100014	2	Hydraulic Valve	1		
11	950400300007		Adapter	3		
12	534824010001	2	Hose Assembly	1		
13	534824010000	2	Hose Assembly	1		
14	950401200004		Adapter	2		
15	910800900003	1	Bonded Washer	4		
16	911300300001		Hinge Bolt	2		
17	951100200001		Screw Plug	1		
18	534819010000	2	Tank	1		
19	534724010000	2	Hydraulic Steel Pipe	1		
20	534824020000	2	Mounting Plate	1		
21	950400700002		T-connector	2		
22	910200200021	1	Screw M5x10	2		
23	534724010006	2	Hydraulic Steel Pipe	1		
24	950400300004		Adapter	1		
25	534824010003	2	Hose Assembly	1		
26	534824010004	2	Hose Assembly	1		
27	950400200003		Joint	1		
28	-----	2	Pump Unit	1		Check534746023501
28	-----	2	Pump Unit	1		Check534746023502

04 Hydraulic Components (TX+FFL,Side-shift) (534846024004)Continuation



04 Hydraulic Components (TX+FFL,Side-shift)(534846024004)Continuation

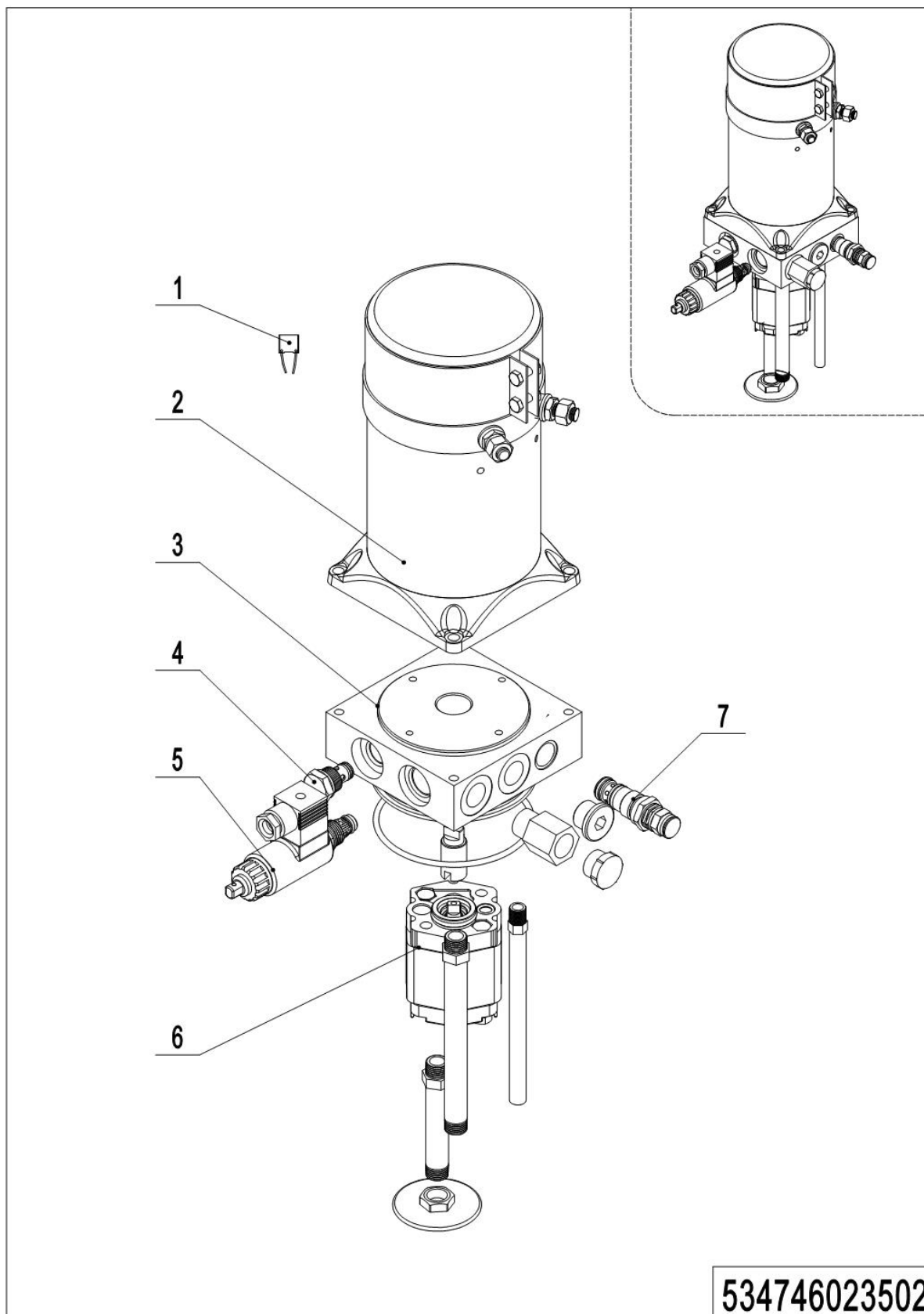
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
29	534824020001	2	Fixed Plate	1		
30	910200200057	1	Screw M8x20	2		
31	910200400035	1	Screw M10x20	2		
32	534823520001		Subplate	1		Only VIBO
33	910100300009	1	Bolt M6x12	4		



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

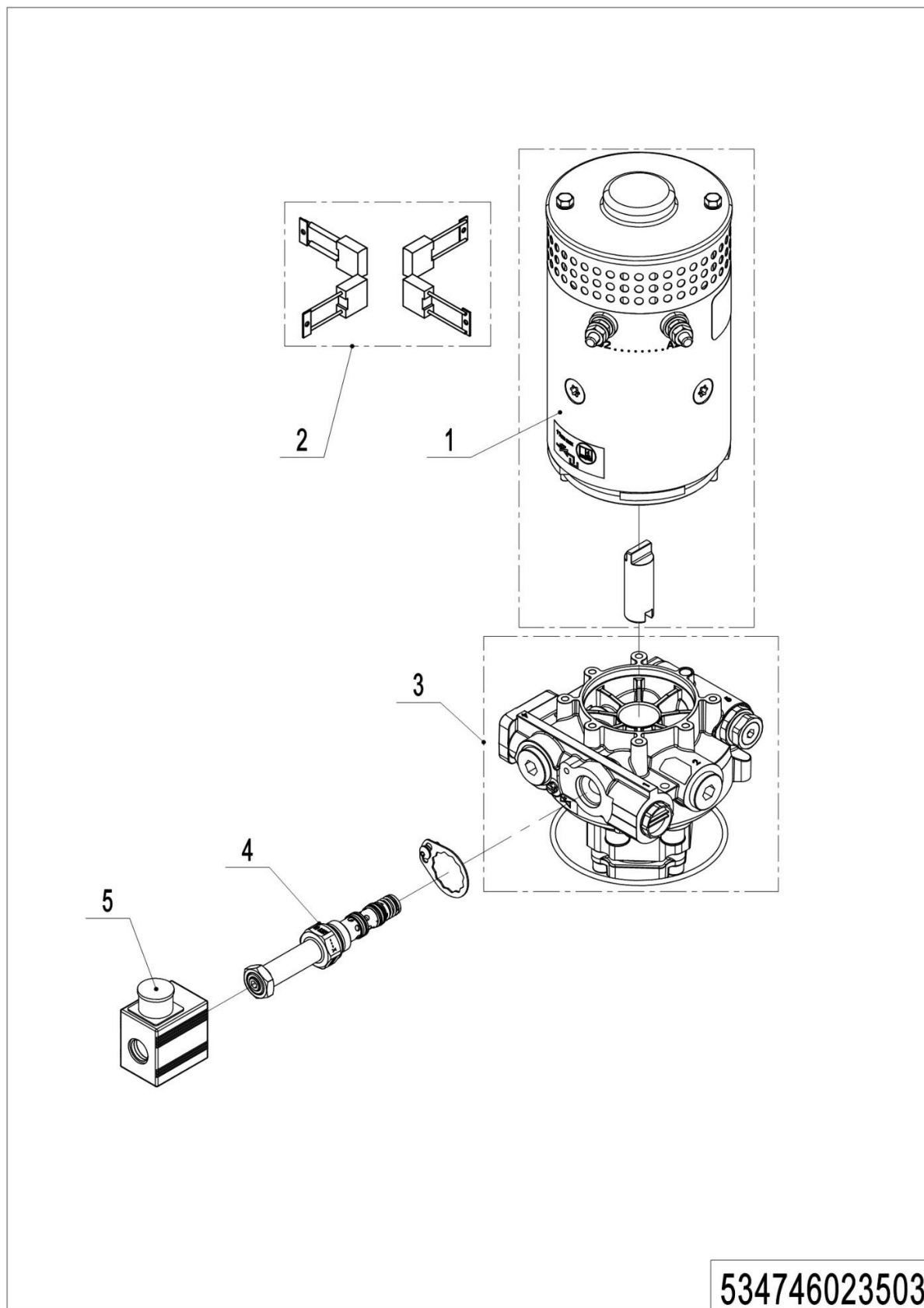
05 Hydraulic Components (TX) (534846024005)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200035	1	Screw M6x16	3		
2	951000100001	1	Hose Clamp	3		
3	534824010006	2	Hydraulic Steel Pipe	1		
4	534824020002	2	Fixed Plate	1		
5	910200200057	1	Screw M8x20	3		
6	534824010005	2	Hose Assembly	1		
7	950401200004		Adapter	1		
8	910800900003	1	Bonded Washer	2		
9	911300300001		Hinge Bolt	1		
10	951100200001		Screw Plug	1		
11	534819010000	2	Tank	1		
12	534824010007	2	Hydraulic Steel Pipe	1		
13	950400700002		T-connector	1		
14	534724010006	2	Hydraulic Steel Pipe	1		
15	950400200003		Joint	1		
16	-----		Pump Unit	1		Check534746023501
16	-----		Pump Unit	1		Check534746023502
17	534824020001	2	Fixed Plate	1		
18	910200400035	1	Screw M10x20	2		
19	534823520001		Subplate	1		Only VIBO
20	910100300009	1	Bolt M6x12	4		

06 Hydraulic Unit (VIBO,3.2KW) (534746023502)

06 Hydraulic Unit (VIBO,3.2KW) (534746023502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100098		Pump Unit	1		VIBO,3.2KW
1	535998510013	2	Carbon Brush	1		
2	534798510012	2	Motor	1		
3	534798510013	2	Valve Block	1		
4	532098510003	2	Check Valve	1		
5	534798510014	2	Magnetic Valve	1		
6	534798510015	2	Gear Pump	1		
7	402698520018	2	Overflow Valve	1		

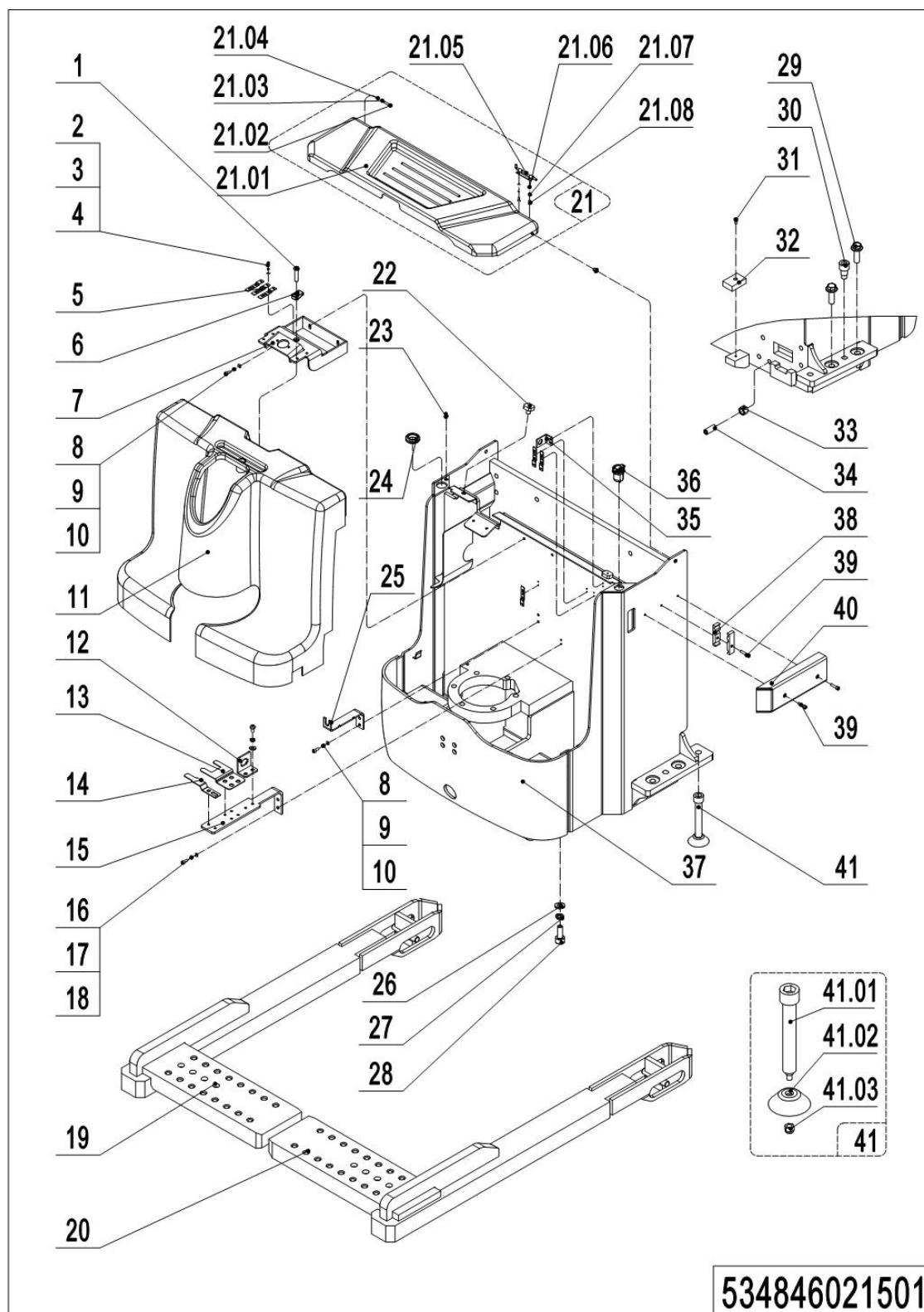
07 Hydraulic Unit (HPI,3.2KW) (534746023503)

07 Hydraulic Unit (HPI,3.2KW) (534746023503)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100177		Pump Unit	1		HPI 3.2KW
1	534798510021	2	Motor	1		
2	534798510022	2	Carbon Brush	1		
3	534798510007	2	Valve Block	1		
4	534798520024	2	Magnetic Valve Element	1		
5	534798520025	2	Coil	1		

Chapter 3: Truck Frame

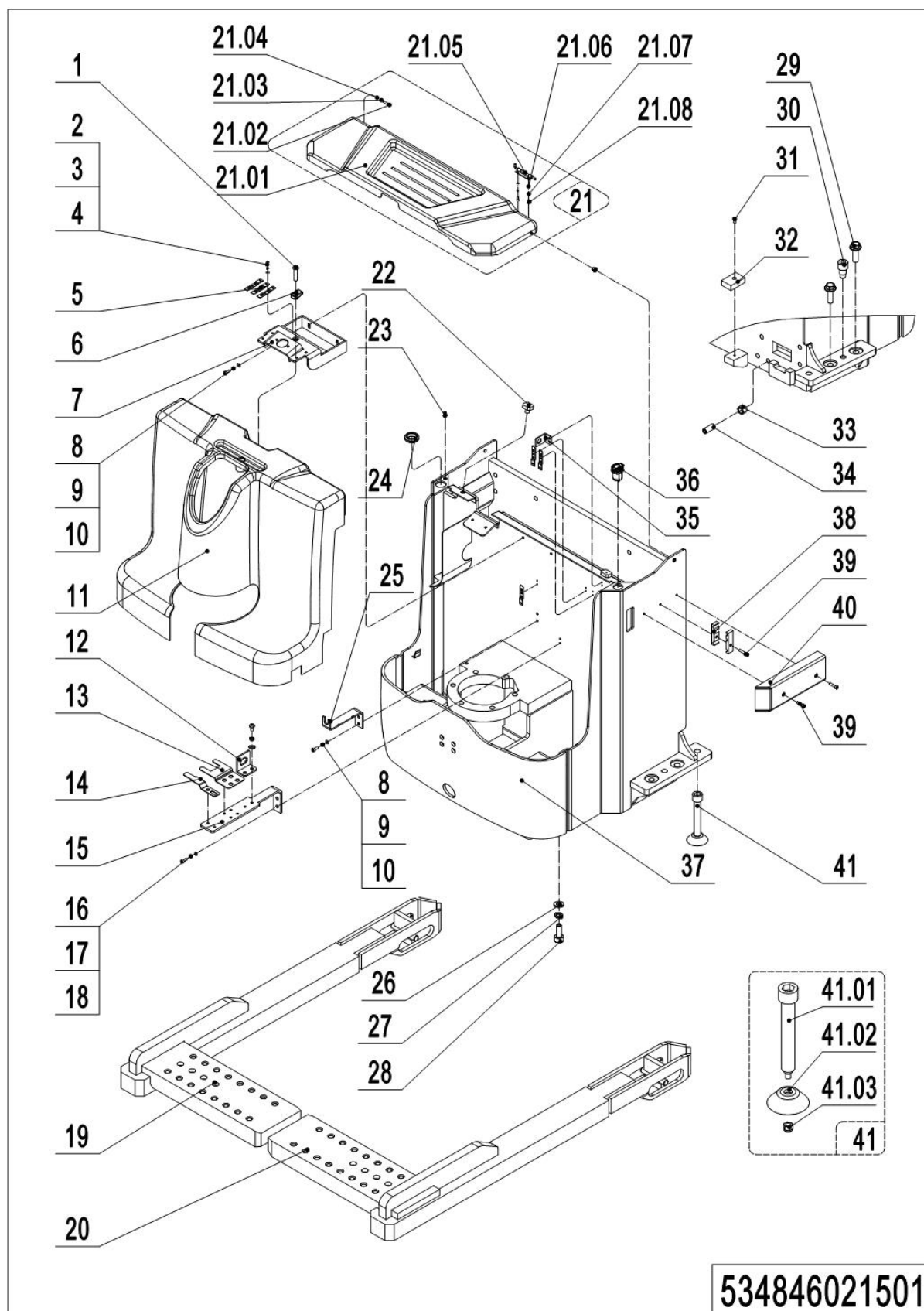
01 Chassis (534846021501)



01 Chassis(534846021501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941100100006	1	Screw M10x45	1		
2	910400100003	1	Flat Washer	22		
3	910400500003	1	Spring Washer	22		
4	910200500034	1	Screw M4x8	22		
5	921300300005	1	Holder	6		
6	940400400003	1	Cage Nut	3		
7	534821510001	2	Mounting Plate	1		
8	910200200055	1	Screw M8x16	4		
9	910400500006	1	Spring Washer	4		
10	910400100006	1	Flat Washer	4		
11	505021520003	2	Guard Cover	1		
12	921300300003	1	Fixed Bracket	1		
13	921300300015		Holder	1		
14	921300300010	1	Connector Holder	1		
15	534821520031	2	Mounting Plate	1		
16	910400100004	1	Washer	2		
17	910400500004	1	Spring Washer	2		
18	910200200022	1	Screw M5x12	2		
19	534821510003	2	Leg(Left)	1		
20	534821510002	2	Leg(Right)	1		
21	534821001000	2	Battery Cover Kits	1		
21.01	534821010000	2	Battery Cover	1		
21.02	910200200024	1	Screw M5x20	1		
21.03	910400500004	1	Spring Washer	1		
21.04	910400100004	1	Washer	1		
21.05	940800900001		Lock Pin	1		
21.06	910400100003	1	Flat Washer	2		
21.07	910400500003	1	Spring Washer	2		
21.08	910200200013	1	Screw M4x10	2		

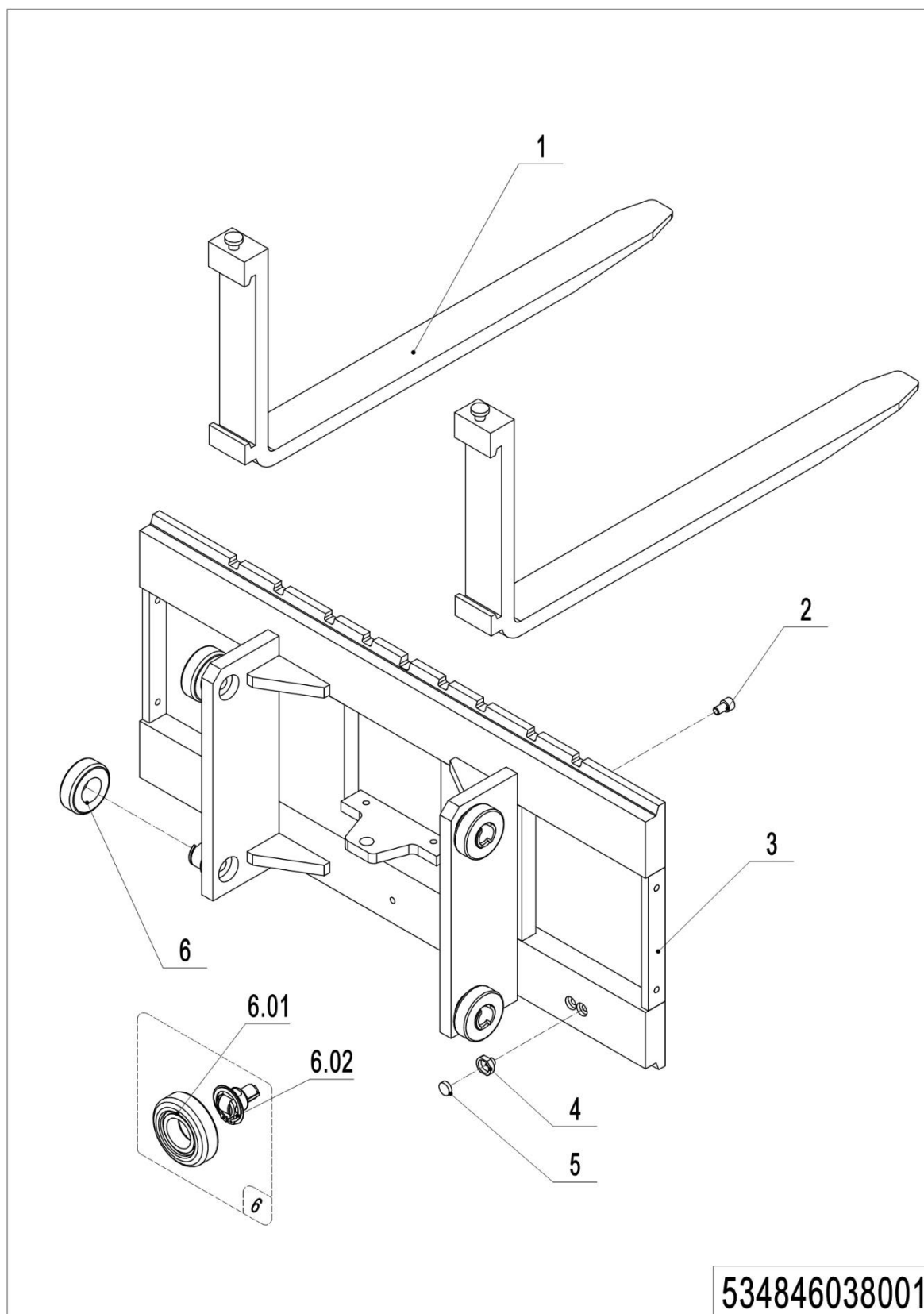
01 Chassis (534846021501)Continuation



534846021501

01 Chassis(534846021501)Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
22	505938520016		Crash Pad	2		
23	922000100024	1	Lamp Holder	1		
24	505621520036		Guard Sleeve	1		
25	534721520025	2	Fixed Bracket	1		
26	910400100007	1	Flat Washer	16		
27	910400500007	1	Spring Washer	16		
28	910200200076	1	Screw M10x25	8		
29	910100800006	1	Bolt M16x40	12		
30	532621520047	2	Locating Pin	2		
31	910200300017	1	Screw M6x12	2		
32	534721520024		Crash Pad	2		
33	910300100010	1	Nut	6		
34	910200800042	1	Screw M16x40	6		
35	921300300002	1	Fixed Bracket	1		
36	206033010036		USB Power	1		
37	534821510000	2	Chassis	1		
38	534821520050	2	Fixed Plate	2		
39	910200200039	1	Screw M6x30	3		
40	534821510004	2	Guard Cover	1		
41	532621510013	2	Support Leg Kits	2		
41.01	532621520029	1	Screw	1		
41.02	532621520030	2	Support Base	1		
41.03	910300500004	1	Nut	1		

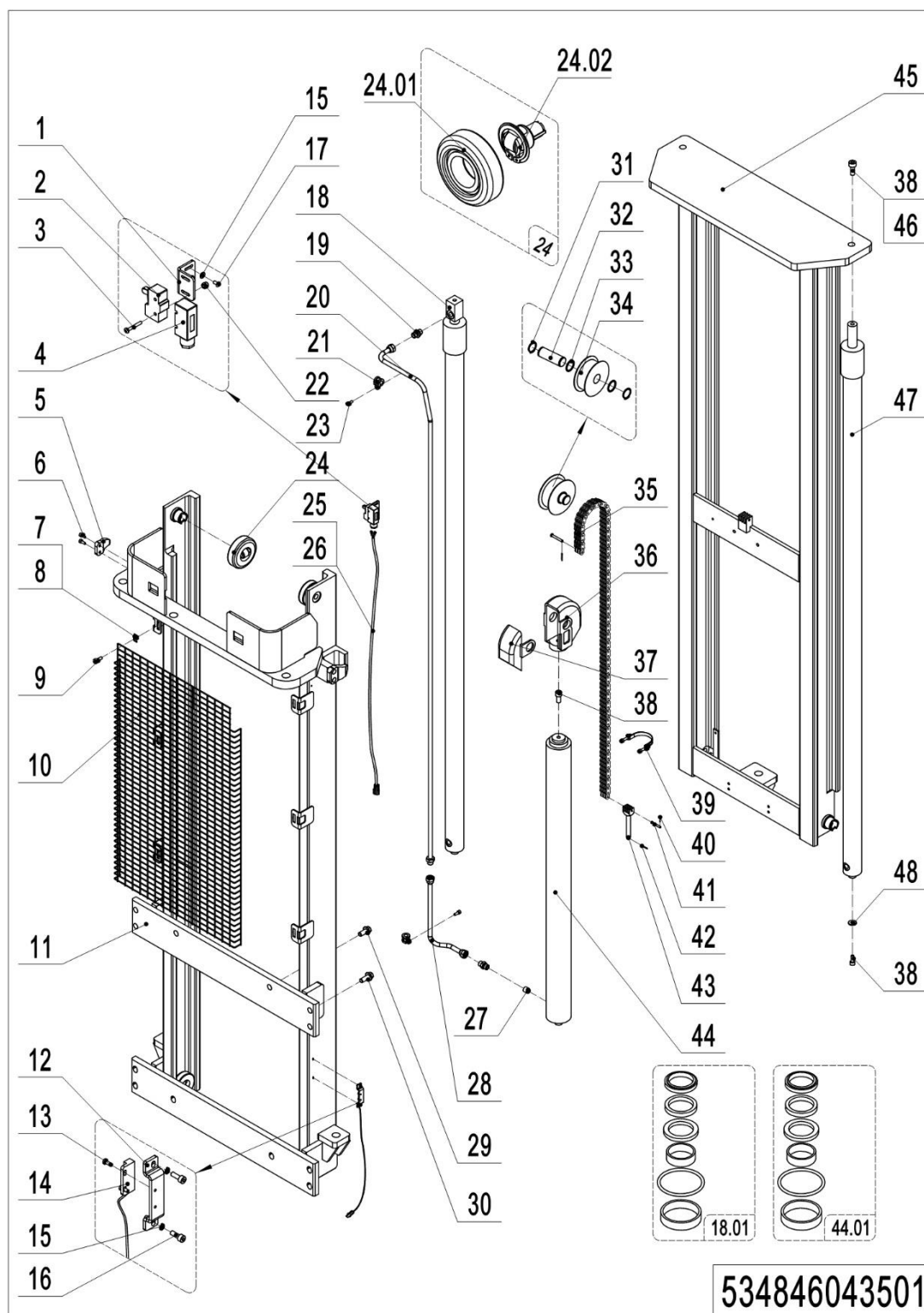
02 Fork Carriage (534846038001)

02 Fork Carriage (534846038001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	940100100067		Fork 100x40x1150(2T)	2		
2	910200200074		Screw M10x16	3		
3	534838010003	2	Fork Bracket	1		Two-stage mast standard lift
3	534838010002	2	Fork Bracket	1		Two-stage mast full free lift
3	534838010001	2	Fork Bracket	1		Triple mast standard lift
3	534838010000	2	Fork Bracket	1		Triple mast full free lift
4	940600200001		Mounting Base	1		
5	940600100001		Magnetic Steel	1		
6	940200300008		Compound Roller	4		
6. 01	940200100016		Main Roller	4		
6. 02	940200900002		Side Roller Kits	4		

Chapter 4: Mast System

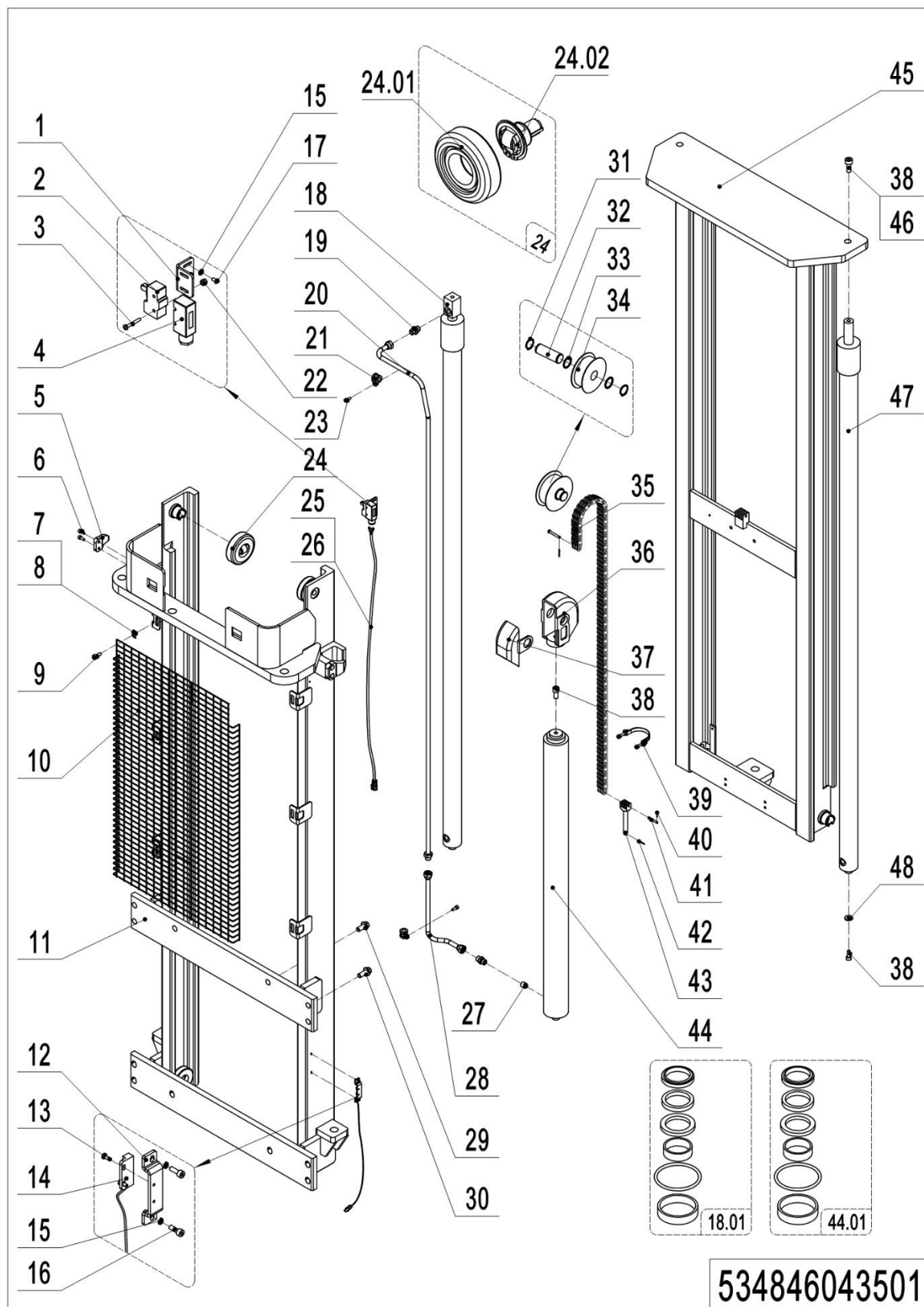
01 Two-stage mast full free lift (534846043501)



01 Two-stage mast full free lift (534846043501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534744520036	2	Fixed Plate	1		
2	920200300001		Microswitch	1		
3	910200500028	1	Screw M4x30	2		
4	920200300008	2	Guard Cover	1		
5	275044020076	2	Press Plate	2		
6	910200200057	1	Screw M8x20	4		
7	940801500001	1	Cage Nut	6		
8	320443020321	1	Press Plate	6		
9	910200200038	1	Screw M6x25	6		
10	534444020022	2	Guard Frame	1		2900
10	534444020021	2	Guard Frame	1		3200
10	534444020020	2	Guard Frame	1		3600
11	534843510002	2	Outer Mast(2900)	1		
11	534843510001	2	Outer Mast(3200)	1		
11	534843510000	2	Outer Mast(3600)	1		
12	534744520059	2	Guard Cover	1		
13	910200500010	1	Screw M3x8	2		
14	534833510003		Magnetic Switch	1		
15	910400100003	1	Flat Washer	4		
16	910200200015	1	Screw M4x16	2		
17	910200300005	1	Screw M4x8	2		
18	534743510008	2	Cylinder	1		2900
18	534743510007	2	Cylinder	1		3200
18	534743510006	2	Cylinder	1		3600
18.01	534798510002	1	Seal Accessories	2		Also for cylinder47
19	950400400003		Adapter	3		
20	534743510017	2	Hydraulic Steel Pipe	1		2900
20	534743510016	2	Hydraulic Steel Pipe	1		3200
20	534443520001	2	Steel Pipe	1		3600

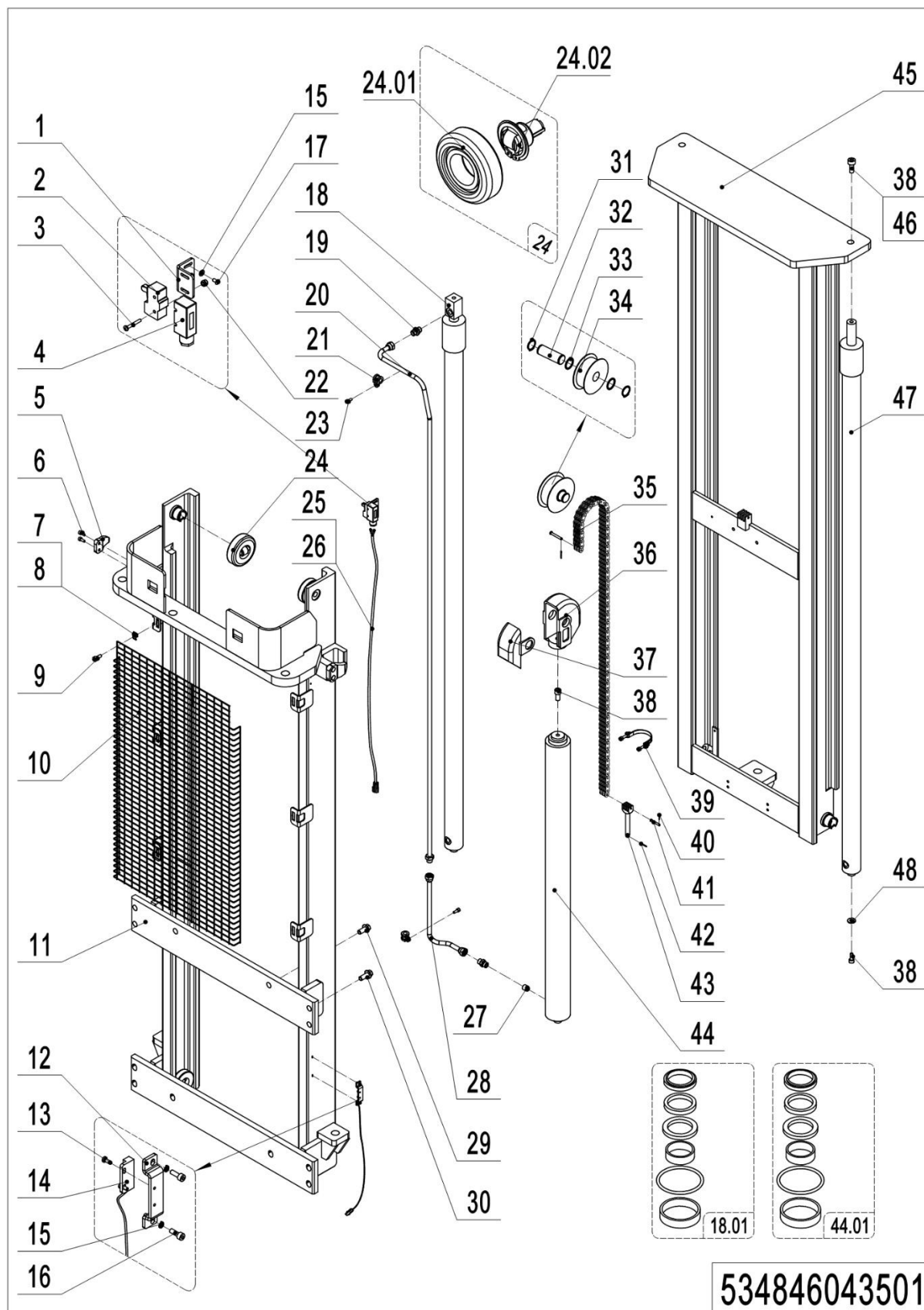
01 Two-stage mast full free lift (534846043501)Continuation1



01 Two-stage mast full free lift (534846043501)Continuation1

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
21	951000100001	1	Hose Clamp	2		
22	910300500001	1	Nut	2		
23	910200200035	1	Screw M6x16	2		
24	940200300007		Compound Roller	4		
24. 01	940200100016		Main Roller			
24. 02	940200900003		Side Roller Kits			
25	534833510001	2	Wire Harness	1		2900
25	534733010015	2	Wire Harness	1		3200
25	534833510002	2	Wire Harness	1		3600
26	921600400003	1	Cable Tie	5		
27	950600300001		Safety Valve	2		
28	534743510018	2	Hydraulic Steel Pipe	1		
29	910100800005	1	Bolt M16x35	4		
30	910100800006	1	Bolt M16x40	8		
31	910401300016	1	Circlip(Shaft)	2		
32	532644520037	2	Wheel Shaft	1		
33	940600500008	1	Washer	6		
34	940200500010		Sprocket Bearing	1		
35	532644510077	2	Chain	1		2900
35	532644510083	2	Chain	1		3200
35	532644510073	2	Chain	1		3600
36	532644520035	2	Sprocket Frame	1		
37	532644520036	2	Side Cover	1		
38	910200200097	1	Screw M12x25	5		
39	940800600002		Hug Hoop Kits	1		
40	910600600015	1	Cotter Pin	2		
41	941100800006	1	Pin Shaft	2		
42	910600600032	1	Cotter Pin	1		
43	532644520038		Chain Bolt	1		

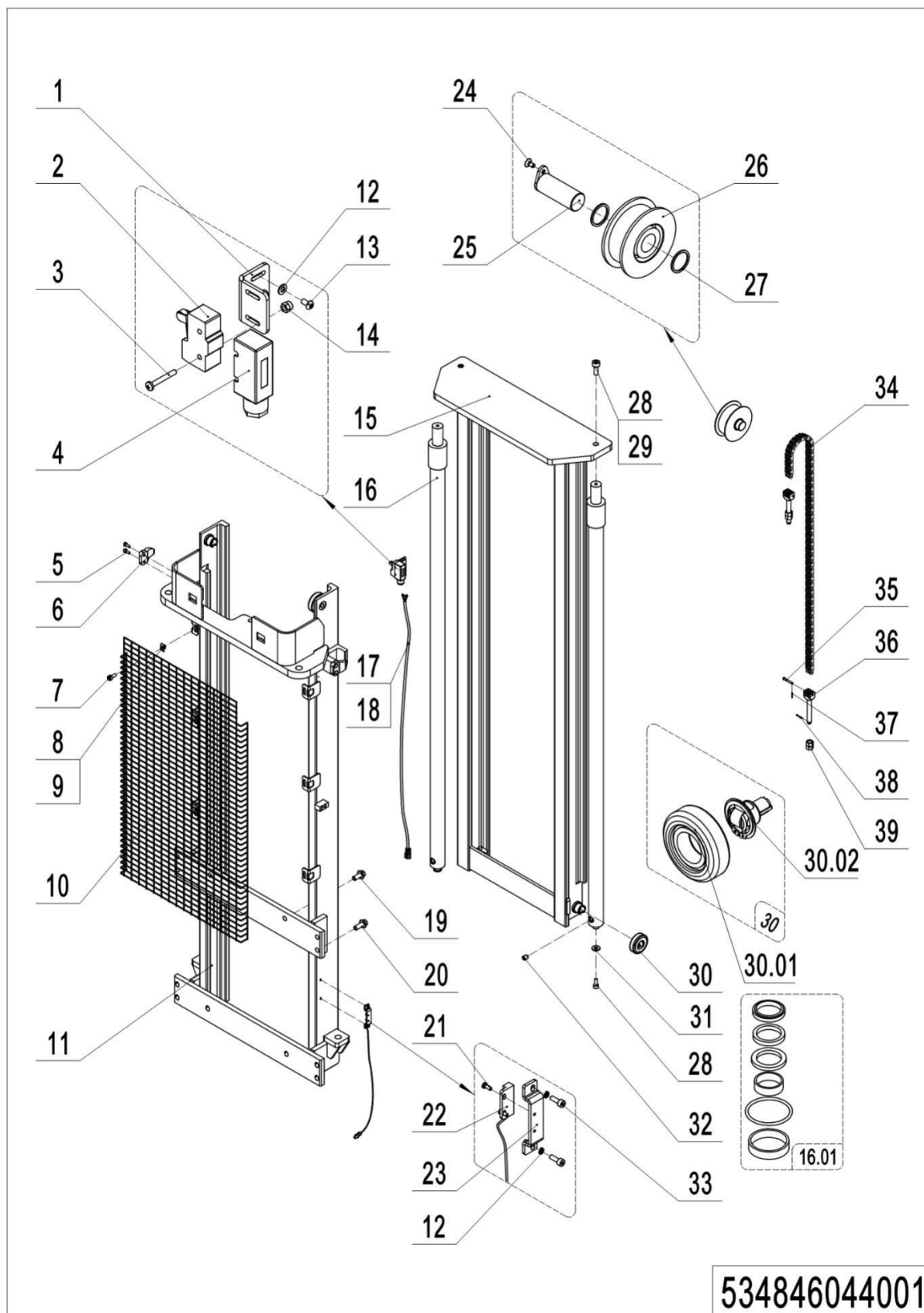
01 Two-stage mast full free lift (534846043501)Continuation2



01 Two-stage mast full free lift (534846043501)Continuation2

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
44	534743510011	2	Cylinder	1		2900
44	534743510010	2	Cylinder	1		3200
44	534743510009	2	Cylinder	1		3600
44.01	534798510003	1	Seal Accessories	1		
45	534743510025	2	Inner Mast(2900)	1		
45	534743510024	2	Inner Mast(3200)	1		
45	534743510023	2	Inner Mast(3600)	1		
46	910400500008	1	Spring Washer	2		
47	534743510014	2	Cylinder	1		2900
47	534743510013	2	Cylinder	1		3200
47	534743510012	2	Cylinder	1		3600
48	534744520015	2	Subplate	2		
45	534743510025	2	Inner Mast(2900)	1		
45	534743510024	2	Inner Mast(3200)	1		
45	534743510023	2	Inner Mast(3600)	1		
46	910400500008	1	Spring Washer	2		
47	534743510014	2	Cylinder	1		
47	534743510013	2	Cylinder	1		
47	534743510012	2	Cylinder	1		
48	534744520015	2	Subplate	2		

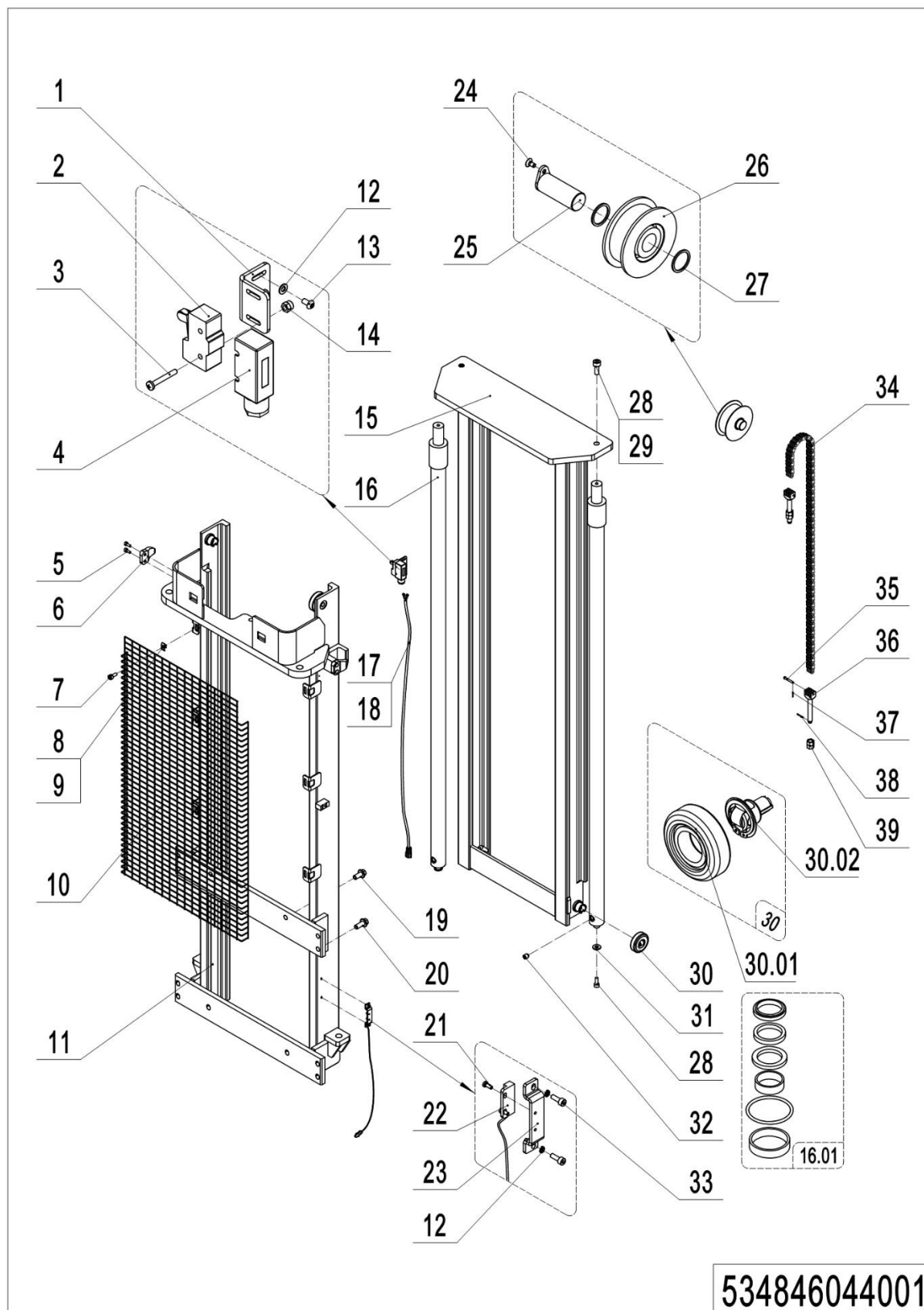
02 Two-stage Mast Standard Lift (534846044001)



02 Two-stage Mast Standard Lift (534846044001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534744520036	2	Fixed Plate	1		
2	920200300001		Microswitch	1		
3	910200500028	1	Screw M4x30	2		
4	920200300008		Guard Cover	1		
5	910200200057	1	Screw M8x20	4		
6	275044020076	1	Press Plate	2		
7	910200200038	1	Screw M6x25	4		
8	940801500001	1	Cage Nut	6		
9	320443020321	2	Press Plate	6		
10	534444020022	2	Guard Frame	1		2900
10	534444020021	2	Guard Frame	1		3200
10	534444020020	2	Guard Frame	1		3600
11	534844010007	2	Outer Mast(2900)	1		
11	534844010003	2	Outer Mast(3200)	1		
11	534844010000	2	Outer Mast(3600)	1		
12	910400100003	1	Flat Washer	4		
13	910200300005	1	Screw M4x8	2		
14	910300500001	1	Nut	2		
15	534744010016	2	Inner Mast(2900)	1		
15	534744010015	2	Inner Mast(3200)	1		
15	534744010014	2	Inner Mast(3600)	1		
16	534744010008	2	Cylinder	2		2900
16	534744010007	2	Cylinder	2		3200
16	534744010006	2	Cylinder	2		3600
16.01	534798510005	1	Seal Accessories	2		
17	921600400003	1	Cable Tie	5		
18	534833510001	2	Wire Harness	1		2900
18	534733010015	2	Wire Harness	1		3200
18	534833510002	2	Wire Harness	1		3600

02 Two-stage Mast Standard Lift (534846044001) Continuation

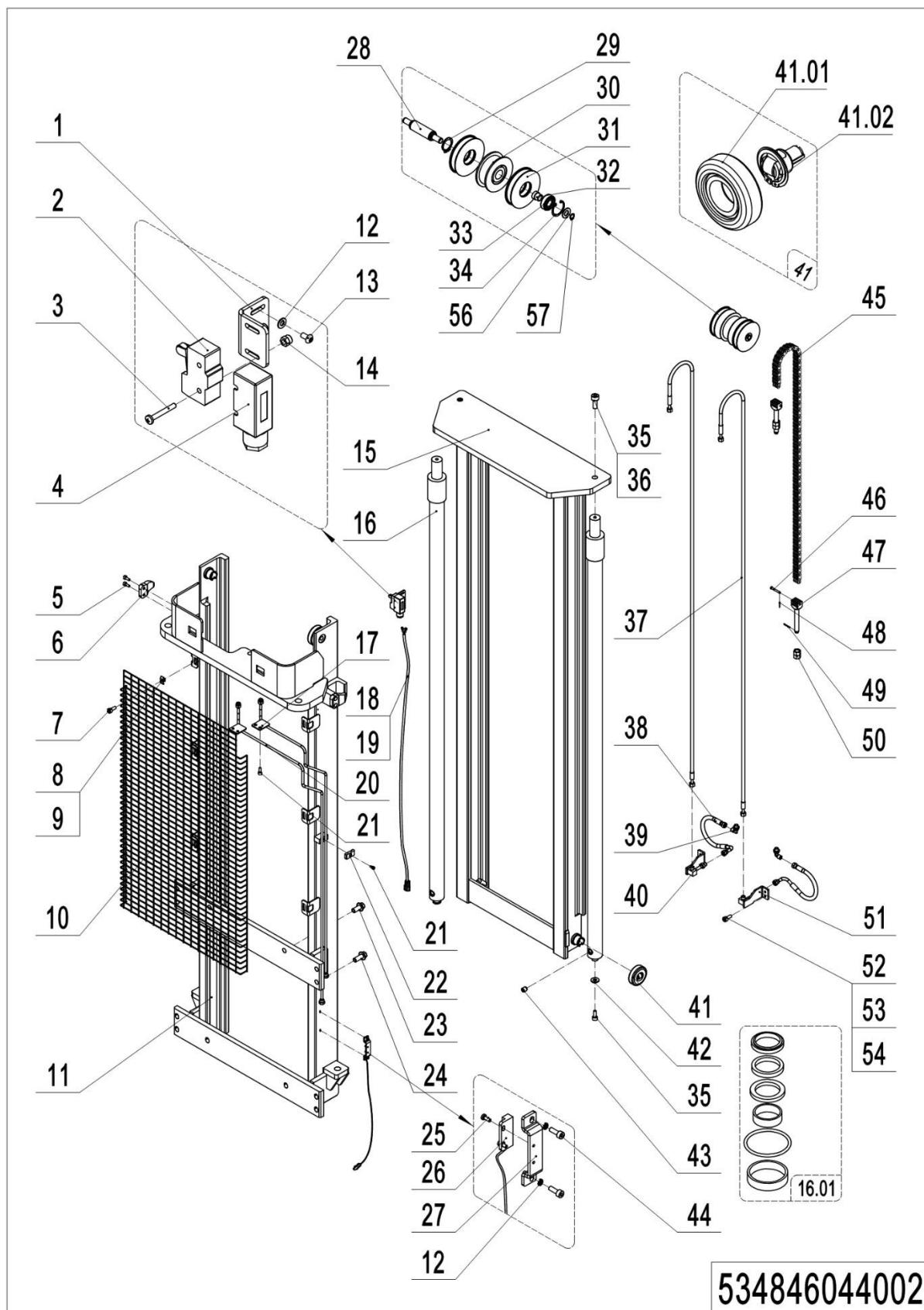


534846044001

02 Two-stage Mast Standard Lift (534846044001)Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
19	910100800005	1	Bolt M16x35	4		
20	910100800006	1	Bolt M16x40	8		
21	910200500010	1	Screw M3x8	2		
22	534833510003		Magnetic Switch	1		
23	534744520059	2	Guard Cover	1		
24	910200400016	1	Screw M6x12	1		
25	533544510006		Trunnion	1		
26	940200500010		Sprocket Bearing	1		
27	940600500008	1	Washer	4		
28	910200200097	1	Screw M12x25	4		
29	910400500008	1	Spring Washer	2		
30	940200300007		Compound Roller	4		
30. 01	940200100016		Main Roller			
30. 01	940200900003		Side Roller Kits			
31	534744520015	2	Subplate	2		
32	950600300001		Safety Valve	2		
33	910200200015	1	Screw M4x16	2		
34	534744010010	2	Chain	1		2900
34	532944010015	2	Chain	1		3200
34	534744010009	2	Chain	1		3600
35	941100800006	1	Pin Shaft	2		
36	532644520038		Chain Bolt	2		
37	910600600015	1	Cotter Pin	2		
38	910600600023	1	Cotter Pin	2		
39	910300200008	1	Nut	4		

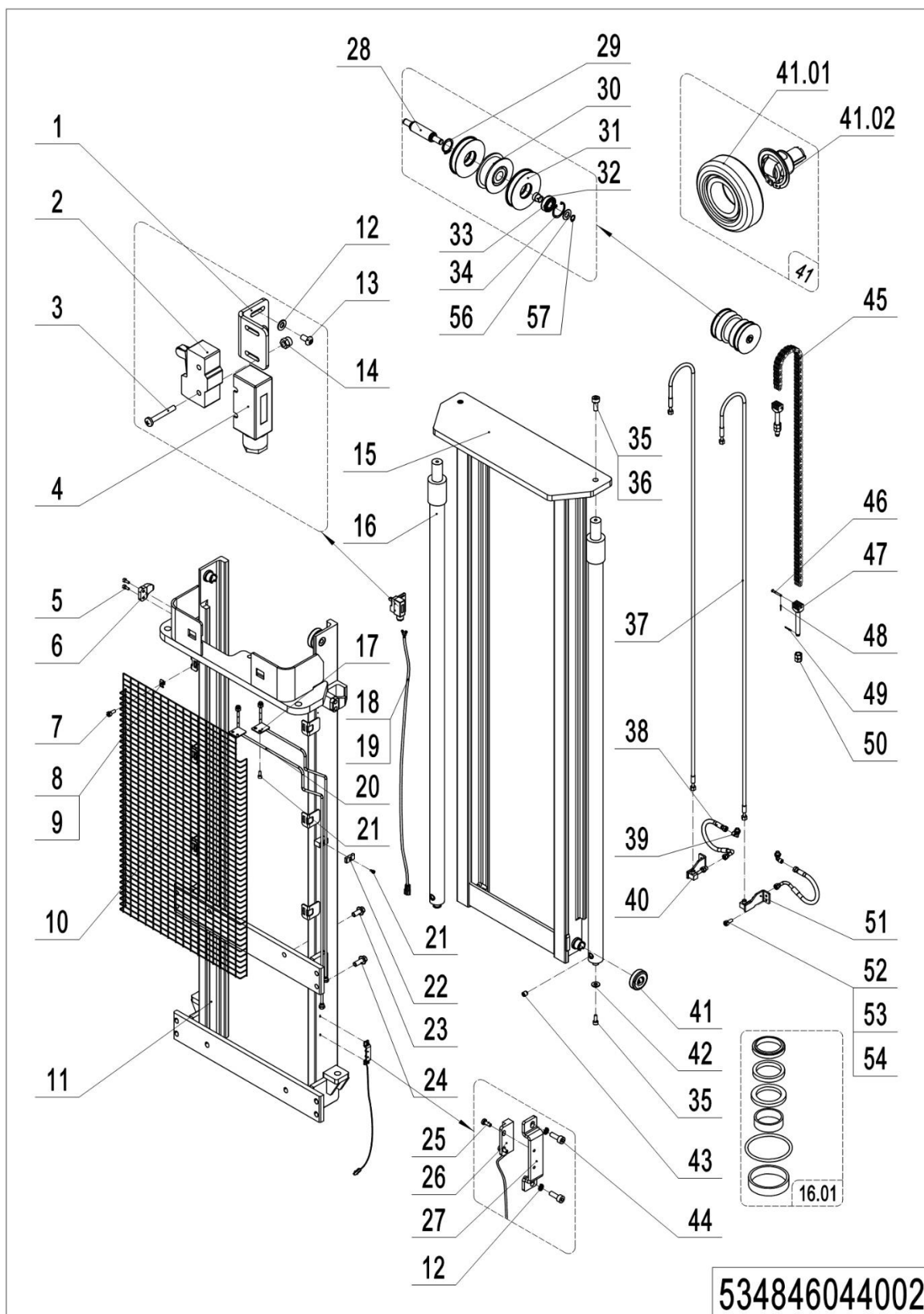
03 Two-stage Mast Standard Lift (Side-shift) (534846044002)



03 Two-stage Mast Standard Lift (Side-shift) (534846044002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534744520036	2	Fixed Plate	1		
2	920200300001		Microswitch	1		
3	910200500028	1	Screw M4x30	2		
4	920200300008		Guard Cover	1		
5	910200200057	1	Screw M8x20	4		
6	275044020076	2	Press Plate	2		
7	910200200038	1	Screw M6x25	4		
8	940801500001	1	Cage Nut	6		
9	320443020321	1	Press Plate	6		
10	534444020022	2	Guard Frame	1		2900
10	534444020021	2	Guard Frame	1		3200
10	534444020020	2	Guard Frame	1		3600
11	534844010007	2	Outer Mast(2900)	1		
11	534844010003	2	Outer Mast(3200)	1		
11	534844010000	2	Outer Mast(3600)	1		
12	910400100003	1	Flat Washer	4		
13	910200300005	1	Screw M4x8	2		
14	910300500001	1	Nut	2		
15	534744010016	2	Inner Mast(2900)	1		
15	534744010015	2	Inner Mast(3200)	1		
15	534744010014	2	Inner Mast(3600)	1		
16	534744010008	2	Cylinder	2		2900
16	534744010007	2	Cylinder	2		3200
16	534744010006	2	Cylinder	2		3600
16.01	534798510005	1	Seal Accessories	2		
17	534844010009	2	Hydraulic Steel Pipe	1		2900
17	534844010005	2	Hydraulic Steel Pipe	1		3200
17	534844010002	2	Hydraulic Steel Pipe	1		3600
18	921600400003	1	Cable Tie	5		

03 Two-stage Mast Standard Lift (Side-shift) (534846044002)Continuation1



03 Two-stage Mast Standard Lift (Side-shift)(534846043502)Continuation1

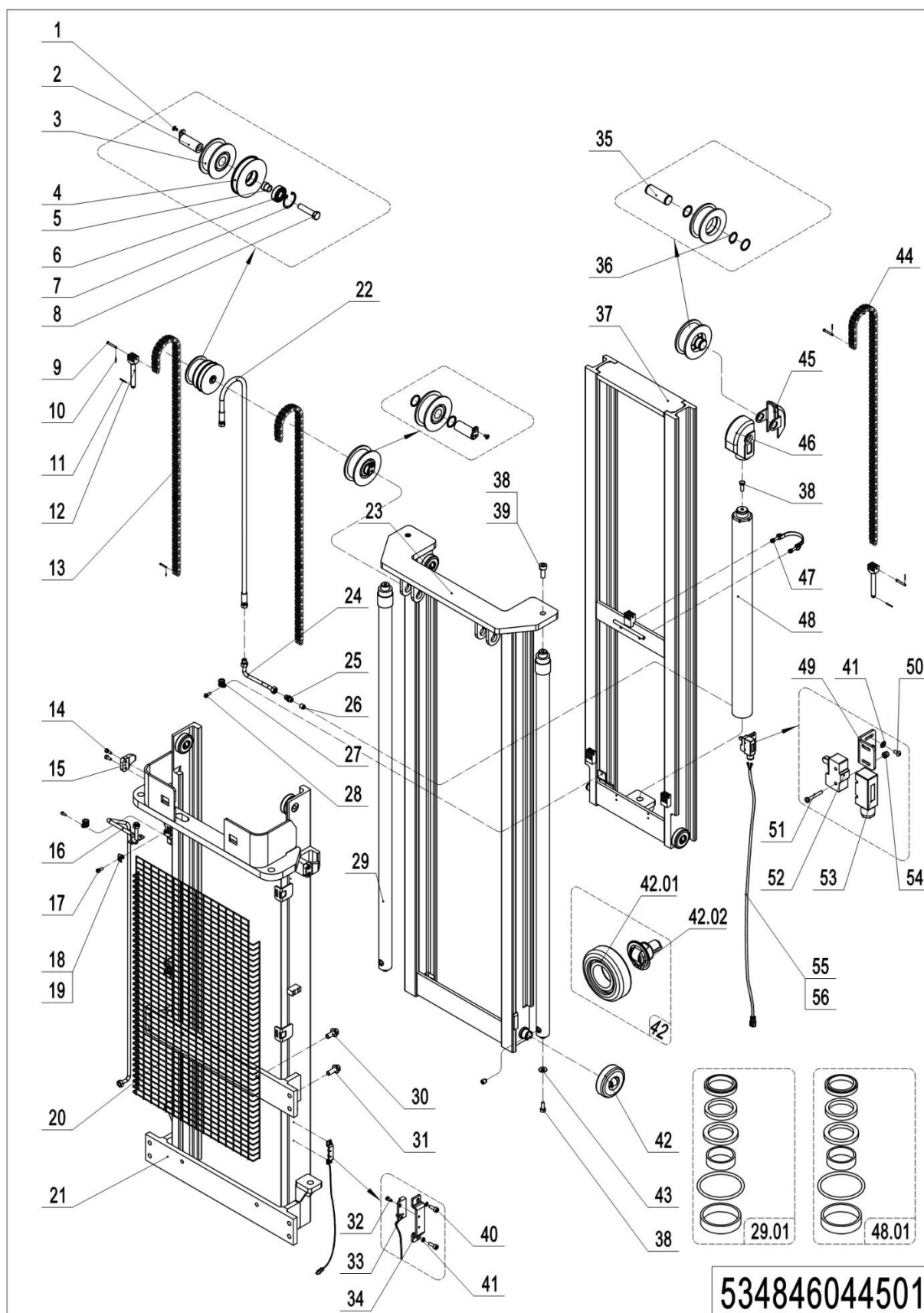
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
19	534833510001	2	Wire Harness	1		2900
19	534733010015	2	Wire Harness	1		3200
19	534833510002	2	Wire Harness	1		3600
20	534844010010	2	Hydraulic Steel Pipe	1		2900
20	534844010004	2	Hydraulic Steel Pipe	1		3200
20	534844010001	2	Hydraulic Steel Pipe	1		3600
21	910200200033	1	Screw M6x12	5		
22	534844520007	2	Press Plate	1		
23	910100800005	1	Bolt M16x35	4		
24	910100800006	1	Bolt M16x40	8		
25	910200500010	1	Screw M3x8	2		
26	534833510003		Magnetic Switch	1		
27	534744520059	2	Guard Cover	1		
28	534844520002		Wheel Shaft	1		
29	910401300016		Circlip(Shaft)	2		
30	940200500010		Sprocket Bearing	1		
31	535944520000		Pulley	2		
32	534844520011		Sleeve	2		
33	910700200019		Bearing	2		
34	910401400013		Circlip(Hole)	2		
35	910200200097	1	Screw M12x25	4		
36	910400500008	1	Spring Washer	2		
37	534844010008		Hose Assembly	2		2900
37	534844010006		Hose Assembly	2		3200
37	534844010011		Hose Assembly	2		3600
38	534844010014		Hose Assembly	2		LDSJ
38	534844010018		Hose Assembly	2		Cascade
39	950401100002		Adapter	2		LDSJ
40	534844010016		Adapter	1		



03 Two-stage Mast Standard Lift (Side-shift) (534846043502)Continuation2

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
41	940200300007		Compound Roller	4		
41. 01	940200100016		Main Roller			
41. 02	940200900003		Side Roller Kits			
42	534744520015	2	Subplate	2		
43	950600300001		Safety Valve	2		
44	910200200015	1	Screw M4x16	2		
45	534744010010	2	Chain	1		2900
45	532944010015	2	Chain	1		3200
45	534744010009	2	Chain	1		3600
46	941100800006	1	Pin Shaft	2		
47	532644520038		Chain Bolt	2		
48	910600600015	1	Cotter Pin	2		
49	910600600023	1	Cotter Pin	2		
50	910300200008	1	Nut	4		
51	534844010017	2	Adapter	1		
52	910200200035	1	Screw M6x16	4		
53	910400100005	1	Flat Washer	8		
54	910400500005	1	Spring Washer	8		
55	534844520008		Washer	2		
56	910401300007		Circlip(Shaft)	2		

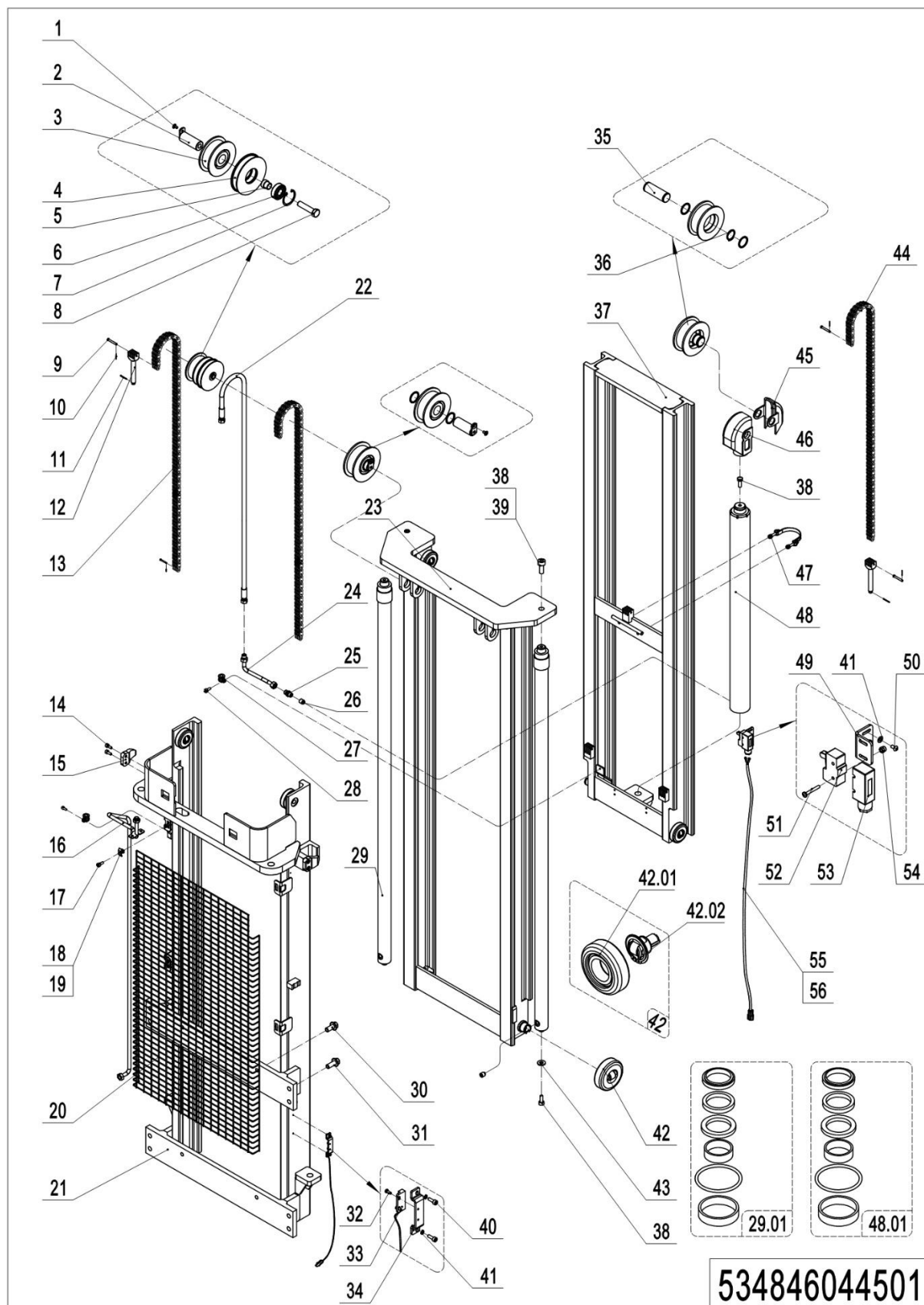
04 Triple Mast Full Free Lift (534846044501)



04 Triple Mast Full Free Lift (534846044501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400016	1	Screw M6x12	2		
2	533544510006		Trunnion	2		
3	940200500010		Sprocket Bearing	3		
4	535944520000		Pulley	1		
5	534844520011		Sleeve	1		
6	910700200019		Bearing	1		
7	910401400013		Circlip(Hole)	1		
8	910100100071		Bolt M16x55	1		
9	941100800006	1	Pin Shaft	6		
10	910600600015	1	Cotter Pin	6		
11	910600600023	1	Cotter Pin	3		
12	532644520038		Chain Bolt	3		
13	534744510047	2	Chain	2		4000
13	534745010009	2	Chain	2		4300
13	534145010005	2	Chain	2		4600
13	534744010009	2	Chain	2		5300
14	910200200057	1	Screw M8x20	4		
15	275044020076		Press Plate	2		
16	534844510027	2	Hydraulic Steel Pipe	1		4000
16	534844510020	2	Hydraulic Steel Pipe	1		4300
16	534844510006	2	Hydraulic Steel Pipe	1		4600
16	534844510013	2	Hydraulic Steel Pipe	1		5300
17	910200200038	1	Screw M6x25	6		
18	940801500001	1	Cage Nut	6		
19	320443020321	1	Press Plate	6		
20	534444520000	2	Guard Frame	1		4000
20	534444020023	2	Guard Frame	1		4300
20	534444020021	2	Guard Frame	1		4600
20	534444020020	2	Guard Frame	1		5300

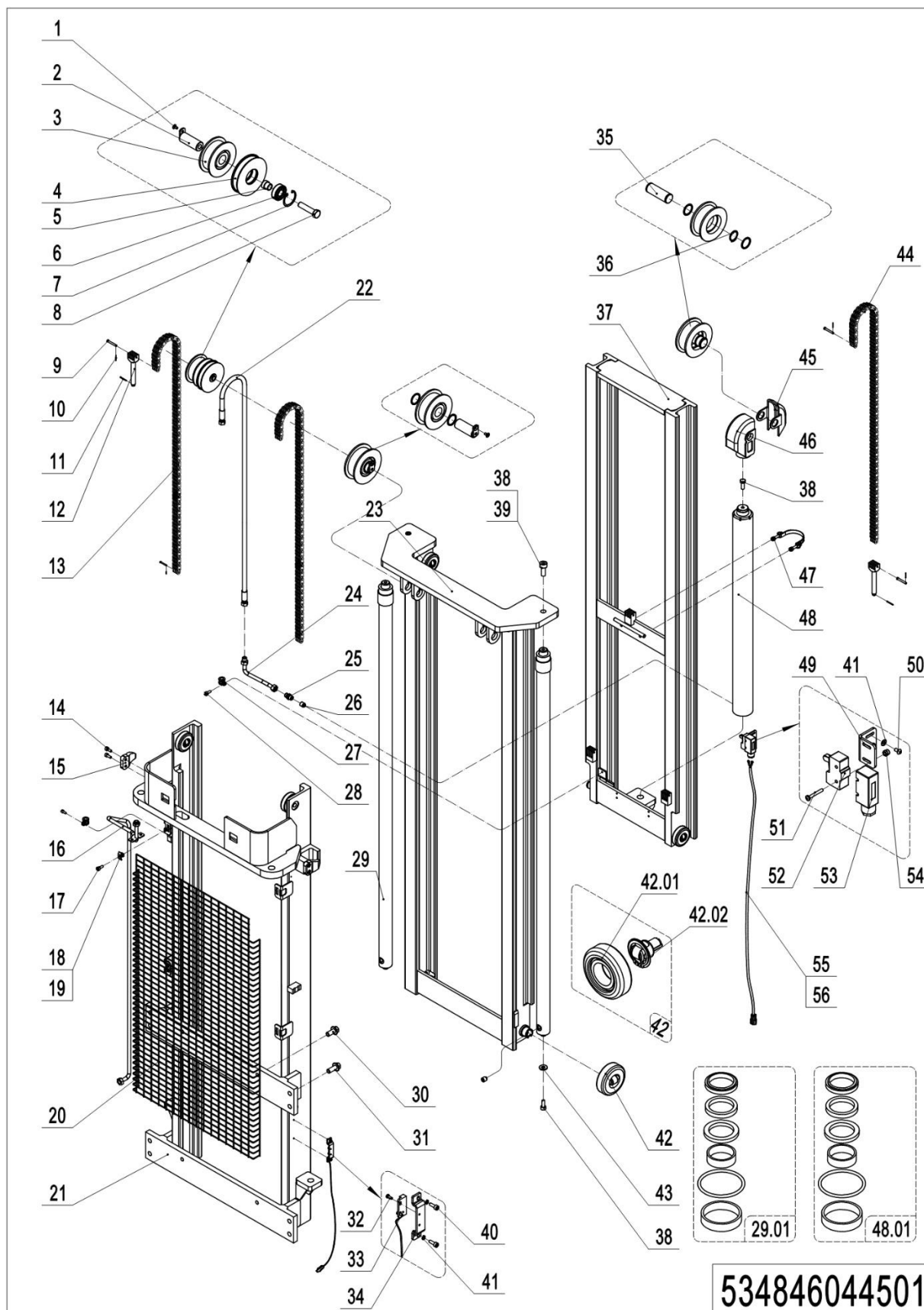
04 Triple Mast Full Free Lift (534846044501)Continuation1



04 Triple Mast Full Free Lift (534846044501)Continuation1

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
21	534844510025	2	Outer Mast(4000)	1		
21	534844510018	2	Outer Mast(4300)	1		
21	534844510000	2	Outer Mast(4600)	1		
21	534844510011	2	Outer Mast(5300)	1		
22	534744520043	2	Hose Assembly	1		4000
22	532644520143	2	Hose Assembly	1		4300
22	532644520144	2	Hose Assembly	1		4600
22	534744520042	2	Hose Assembly	1		5300
23	534744510040	2	Middle Mast(4000)	1		
23	534744510038	2	Middle Mast(4300)	1		
23	534744510031	2	Middle Mast(4600)	1		
23	534744510036	2	Middle Mast(5300)	1		
24	534844510002	2	Hydraulic Steel Pipe	1		
25	950400400003		Adapter	3		
26	950600300001		Safety Valve	3		
27	951000100001	1	Hose Clamp	3		
28	910200200035	1	Screw M6x16	3		
29	534744510019	2	Cylinder	2		4000
29	534744510017	2	Cylinder	2		4300
29	534744510016	2	Cylinder	2		4600
29	534744510018	2	Cylinder	2		5300
29.01	534798510000	1	Seal Accessories	2		
30	910100800005	1	Bolt M16x35	4		
31	910100800006	1	Bolt M16x40	8		
32	910200500010	1	Screw M3x8	2		
33	534833510003		Magnetic Switch	1		
34	534744520059	2	Guard Cover	1		
35	532644520037		Wheel Shaft	1		
36	910401300016	1	Circlip(Shaft)	2		

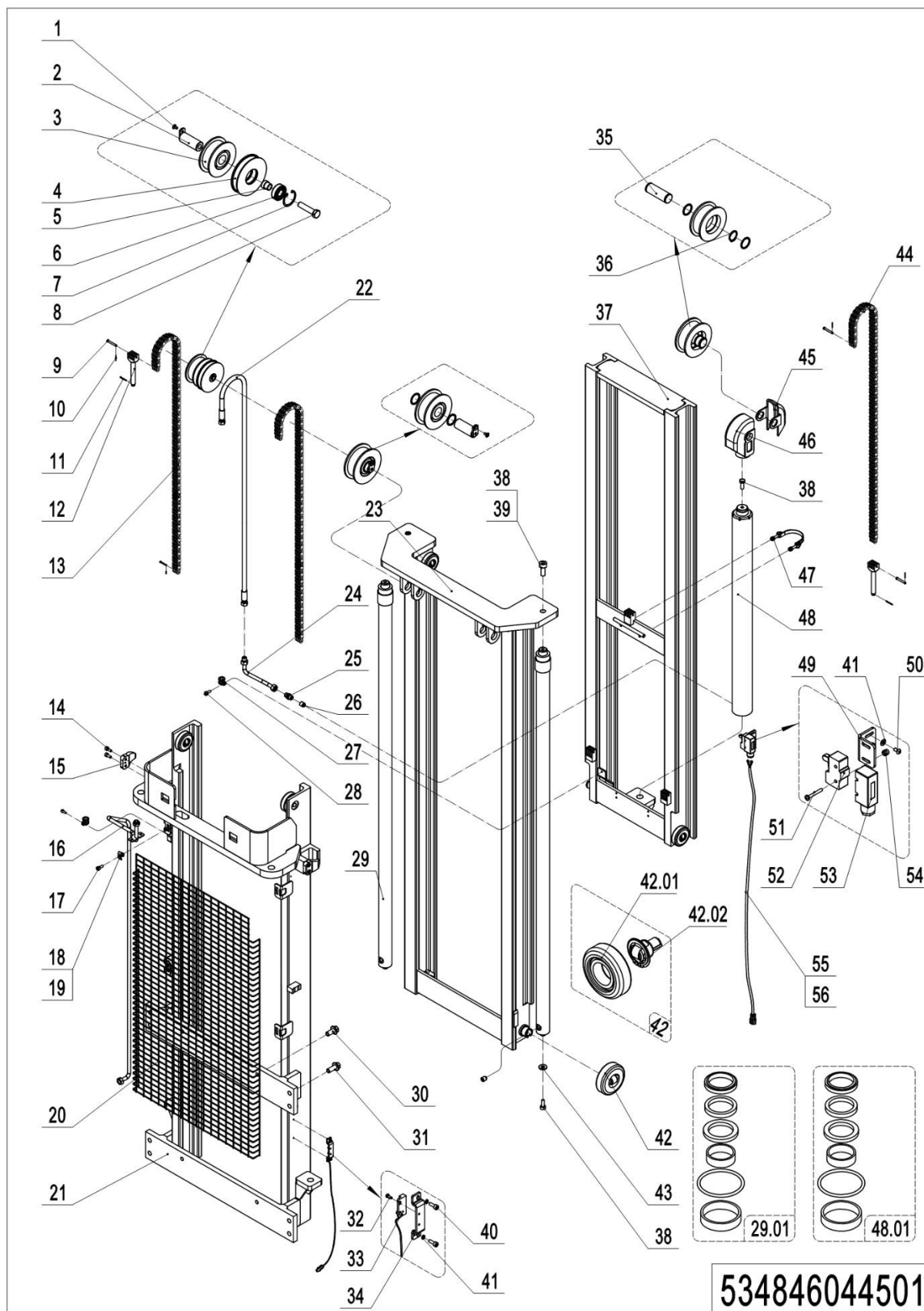
04 Triple Mast Full Free Lift (534846044501)Continuation2



04 Triple Mast Full Free Lift (534846044501)Continuation2

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
37	534844510026	2	Inner Mast(4000)	1		
37	534844510019	2	Inner Mast(4300)	1		
37	534844510001	2	Inner Mast(4600)	1		
37	534844510012	2	Inner Mast(5300,side)	1		
38	910200200097	1	Screw M12x25	5		
39	910400500008	1	Spring Washer	2		
40	910200200015	1	Screw M4x16	2		
41	910400100003	1	Flat Washer	4		
42	940200300007		Compound Roller	8		
42. 01	940200100016		Main Roller			
42. 02	940200900003		Side Roller Kits			
43	534744520015		Subplate	2		
44	532644510075	2	Chain	1		4000
44	532644510077	2	Chain	1		4300
44	251044510096	2	Chain	1		4600
44	532644510073	2	Chain	1		5300
45	532644520036	2	Side Cap	1		
46	532644520035	2	Sprocket Frame	1		
47	940800600002		Hug Hoop Kits	1		
48	534744510015	2	Cylinder	1		4000
48	534744510013	2	Cylinder	1		4300
48	534744510012	2	Cylinder	1		4600
48	534744510014	2	Cylinder	1		5300
48.01	534798510001	1	Seal Accessories	1		
49	534744520036	2	Fixed Plate	1		
50	910200300005	1	Screw M4x8	2		
51	910200500028	1	Screw M4x30	2		
52	920200300001		Microswitch	1		
53	920200300008		Guard Cover	1		

04 Triple Mast Full Free Lift (534846044501)Continuation3



04 Triple Mast Full Free Lift (534846044501)Continuation3

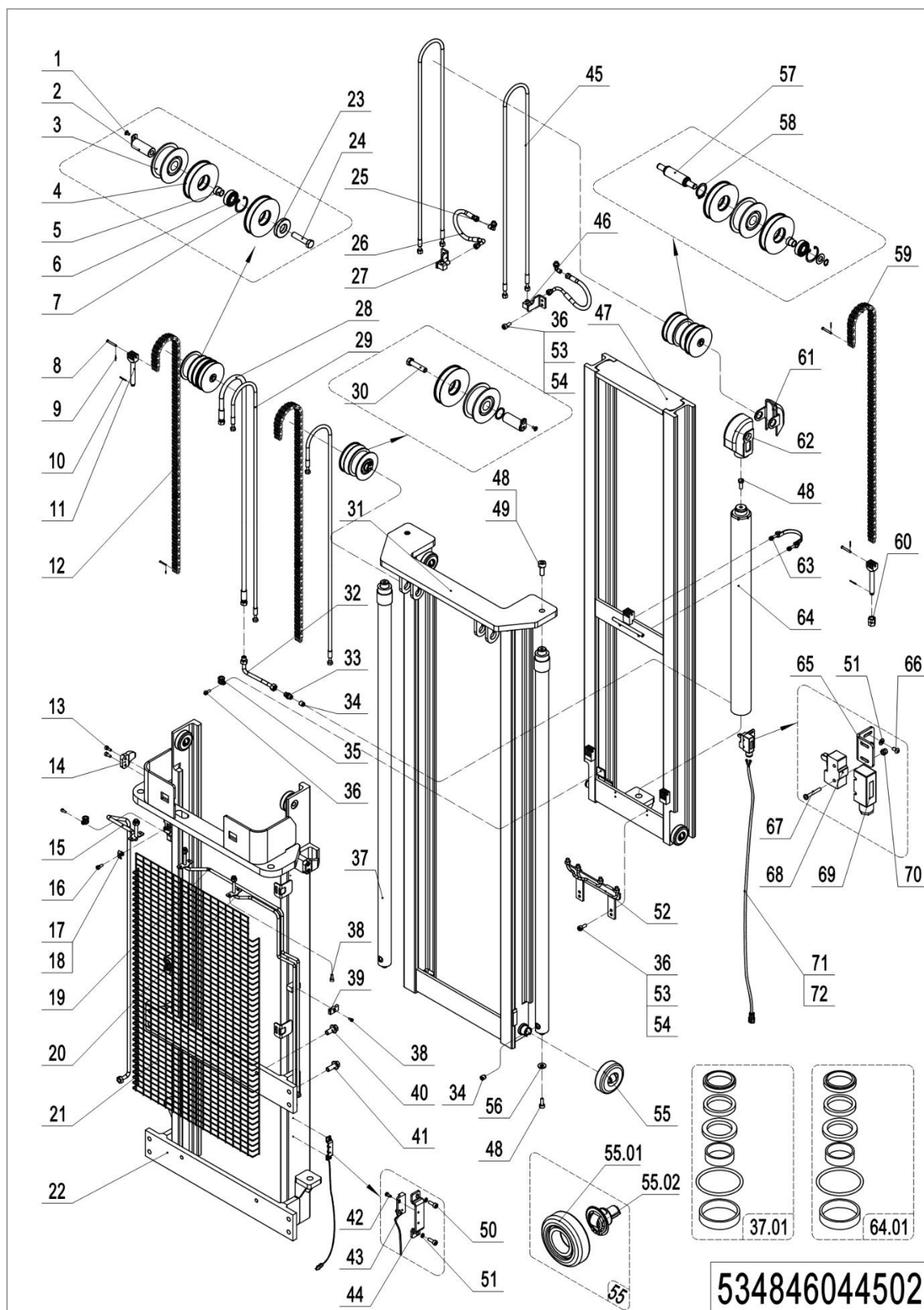
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
54	910300500001	1	Nut	2		
55	534733010013	2	Wire Harness	1		4000
55	534733010014	2	Wire Harness	1		4300
55	534733010016	2	Wire Harness	1		4600
55	534733010017	2	Wire Harness	1		5300
56	921600400003	1	Cable Tie	5		



05 Triple Mast Full Free Lift (Side-shift)(534846044502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200400016	1	Screw M6x12	2		
2	533544510006		Trunnion	2		
3	940200500010		Sprocket Bearing	3		
4	535944520000		Pulley	5		
5	534844520011		Sleeve	5		
6	910700200019		Bearing	5		
7	910401400013		Circlip(Hole)	5		
8	941100800006	1	Pin Shaft	6		
9	910600600015	1	Cotter Pin	6		
10	910600600023	1	Cotter Pin	3		
11	532644520038		Chain Bolt	3		
12	534744510047	2	Chain	2		4000
12	534745010009	2	Chain	2		4300
12	534145010005	2	Chain	2		4600
12	534744010009	2	Chain	2		5300
13	910200200057	1	Screw M8x20	4		
14	275044020076		Press Plate	2		
15	534844510027	2	Hydraulic Steel Pipe	1		4000
15	534844510020	2	Hydraulic Steel Pipe	1		4300
15	534844510006	2	Hydraulic Steel Pipe	1		4600
15	534844510013	2	Hydraulic Steel Pipe	1		5300
16	910200200038	1	Screw M6x25	6		
17	940801500001	1	Cage Nut	6		
18	320443020321	1	Press Plate	6		
19	534844510029	2	Hydraulic Steel Pipe	1		4000
19	534844510022	2	Hydraulic Steel Pipe	1		4300
19	534844510007	2	Hydraulic Steel Pipe	1		4600
19	534844510015	2	Hydraulic Steel Pipe	1		5300
20	534844510028	2	Hydraulic Steel Pipe	1		4000

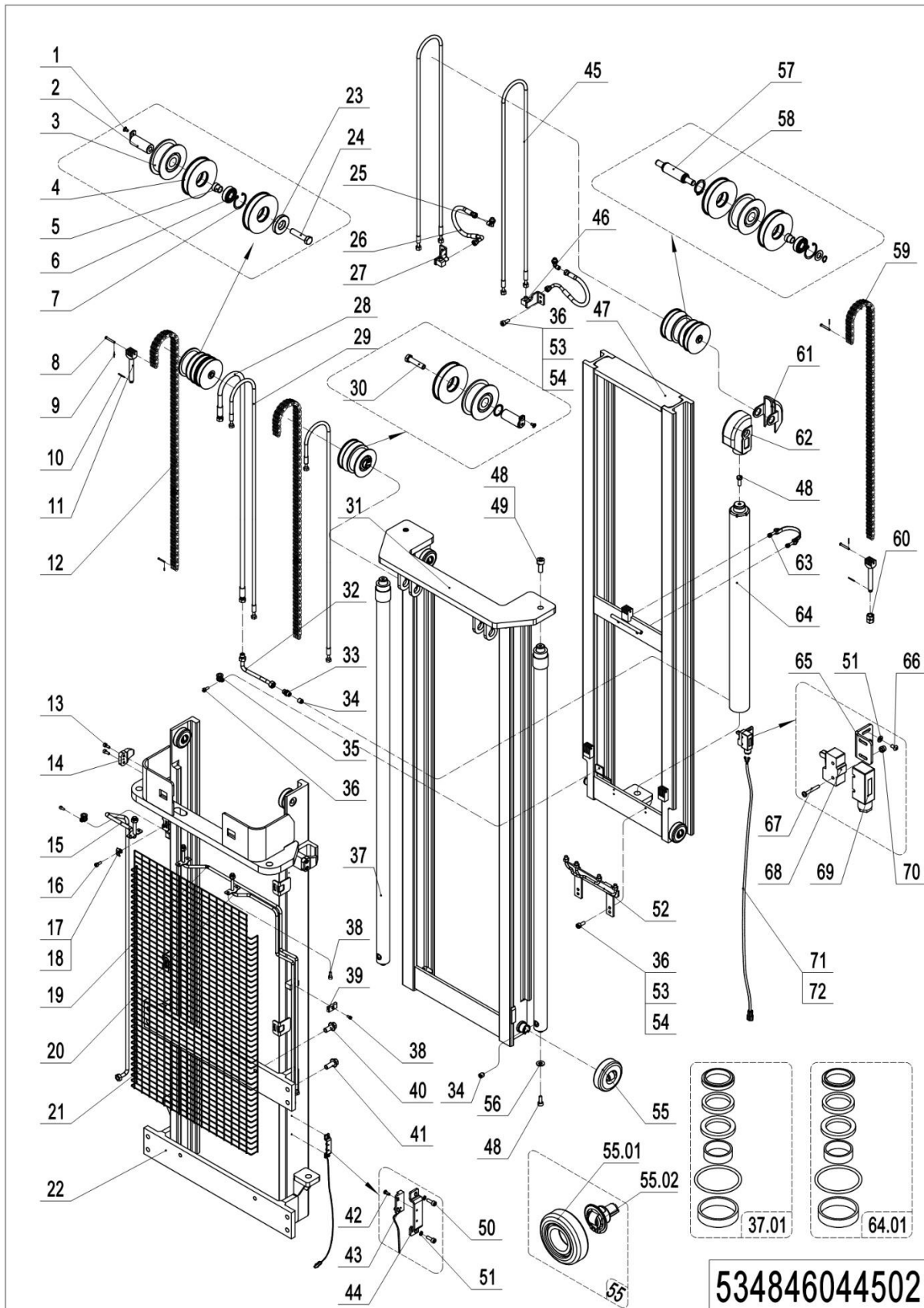
05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation1



05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation1

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
20	534844510021	2	Hydraulic Steel Pipe	1		4300
20	534844510008	2	Hydraulic Steel Pipe	1		4600
20	534844510014	2	Hydraulic Steel Pipe	1		5300
21	534444520000	2	Guard Frame	1		4000
21	534444020023	2	Guard Frame	1		4300
21	534444020021	2	Guard Frame	1		4600
21	534444020020	2	Guard Frame	1		5300
22	534844510025	2	Outer Mast(4000)	1		
22	534844510018	2	Outer Mast(4300)	1		
22	534844510000	2	Outer Mast(4600)	1		
22	534844510011	2	Outer Mast(5300)	1		
23	255027520004		Washer	1		
24	910100100074		Bolt M16x70	1		
25	950401100002		Adapter	2		LDSJ
26	534844010014		Hose Assembly	2		LDSJ
26	534844010018		Hose Assembly	2		Cascade
27	534844510032	2	Adapter	1		
28	534744520043	2	Hose Assembly	1		4000
28	532644520143	2	Hose Assembly	1		4300
28	532644520144	2	Hose Assembly	1		4600
28	534744520042	2	Hose Assembly	1		5300
29	534844510030	2	Hose Assembly	2		4000
29	534844510023	2	Hose Assembly	2		4300
29	534844510005	2	Hose Assembly	2		4600
29	534844510016	2	Hose Assembly	2		5300
30	910100300071		Bolt M16x45	1		
31	534744510040	2	Middle Mast(4000)	1		
31	534744510038	2	Middle Mast(4300)	1		
31	534744510031	2	Middle Mast(4600)	1		

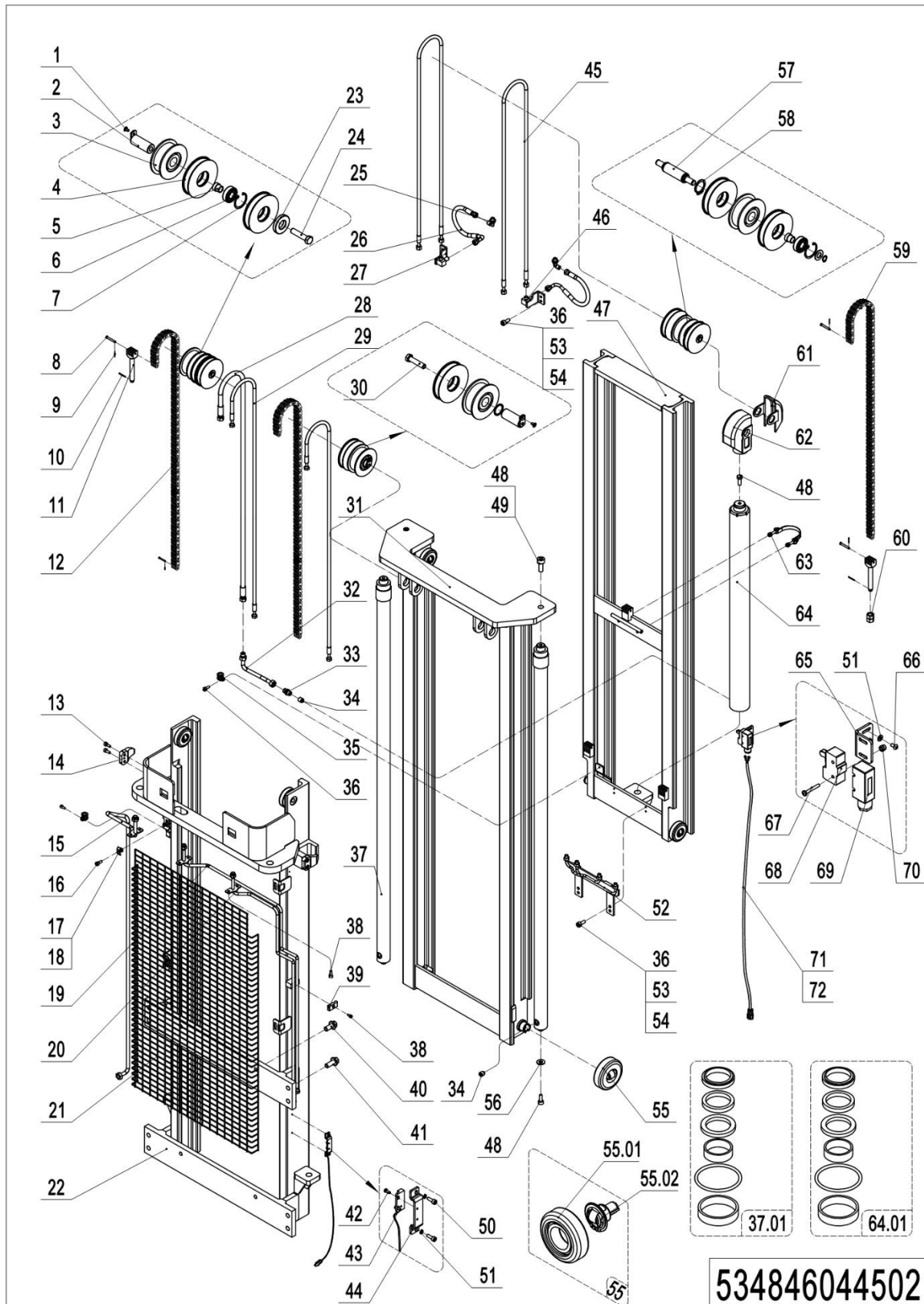
05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation2



05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation2

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
31	534744510036	2	Middle Mast(5300)	1		
32	534844510002	2	Hydraulic Steel Pipe	1		
33	950400400003		Adapter	3		
34	950600300001		Safety Valve	3		
35	951000100001	1	Hose Clamp	3		
36	910200200035	1	Screw M6x16	11		
37	534744510019	2	Cylinder	2		4000
37	534744510017	2	Cylinder	2		4300
37	534744510016	2	Cylinder	2		4600
37	534744510018	2	Cylinder	2		5300
37.01	534798510000	1	Seal Accessories	2		
38	910200200033	1	Screw M6x12	5		
39	534844520007		Press Plate	1		
40	910100800005	1	Bolt M16x35	4		
41	910100800006	1	Bolt M16x40	8		
42	910200500010	1	Screw M3x8	2		
43	534833510003		Magnetic Switch	1		
44	534744520059	2	Guard Cover	1		
45	534844510031	2	Hose Assembly	2		4000
45	534844510024	2	Hose Assembly	2		4300
45	534844510004	2	Hose Assembly	2		4600
45	534844510017	2	Hose Assembly	2		5300
46	534844510033	2	Adapter	1		
47	534844510026	2	Inner Mast(4000)	1		
47	534844510019	2	Inner Mast(4300)	1		
47	534844510001	2	Inner Mast(4600)	1		
47	534844510012	2	Inner Mast(5300,side)	1		
48	910200200097	1	Screw M12x25	5		
49	910400500008	1	Spring Washer	2		

05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation3



05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation3

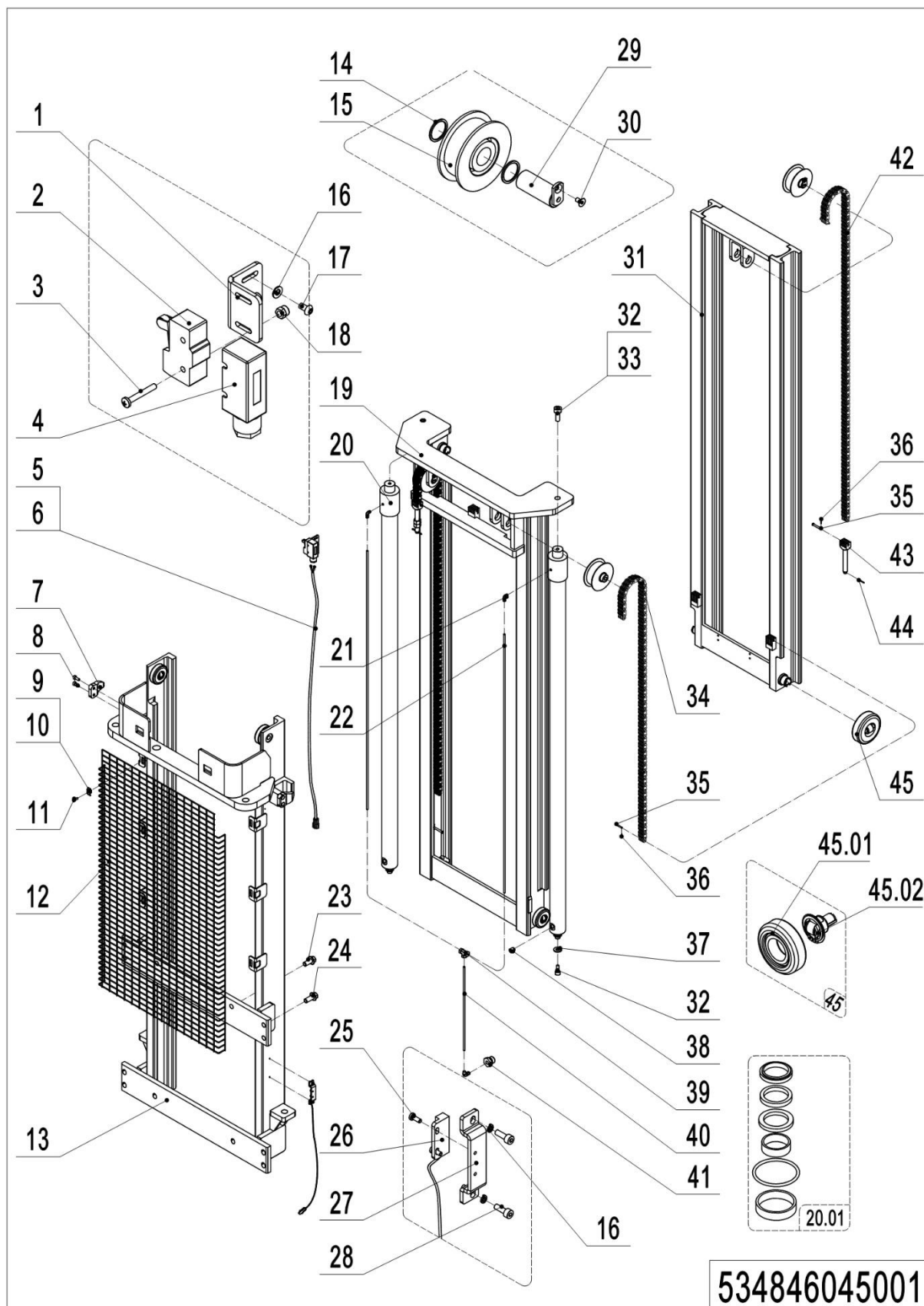
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
50	910200200015	1	Screw M4x16	2		
51	910400100003	1	Flat Washer	4		
52	534844510003	2	Hydraulic Steel Pipe	1		
53	910400100005	1	Flat Washer	8		
54	910400500005	1	Spring Washer	8		
55	940200300007		Compound Roller	8		
55.01	940200100016		Main Roller			
55.02	940200900003		Side Roller Kits			
56	534744520015		Subplate	2		
57	534844520002		Wheel Shaft	1		
58	910401300016	1	Circlip(Shaft)	2		
59	532644510075	2	Chain	1		4000
59	532644510077	2	Chain	1		4300
59	251044510096	2	Chain	1		4600
59	532644510073	2	Chain	1		5300
60	910300200008	1	Nut	6		
61	532644520036	2	Side Cap	1		
62	532644520035	2	Sprocket Frame	1		
63	940800600002		Hug Hoop Kits	1		
64	534744510015	2	Cylinder	1		4000
64	534744510013	2	Cylinder	1		4300
64	534744510012	2	Cylinder	1		4600
64	534744510014	2	Cylinder	1		5300
64.01	534798510001	1	Seal Accessories	1		
65	534744520036	2	Fixed Plate	1		
66	910200300005	1	Screw M4x8	2		
67	910200500028	1	Screw M4x30	2		
68	920200300001		Microswitch	1		
69	920200300008		Guard Cover	1		



05 Triple Mast Full Free Lift (Side-shift)(534846044502)Continuation4

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
70	910300500001	1	Nut	2		
71	534733010013	2	Wire Harness	1		4000
71	534733010014	2	Wire Harness	1		4300
71	534733010016	2	Wire Harness	1		4600
71	534733010017	2	Wire Harness	1		5300
72	921600400003	1	Cable Tie	5		

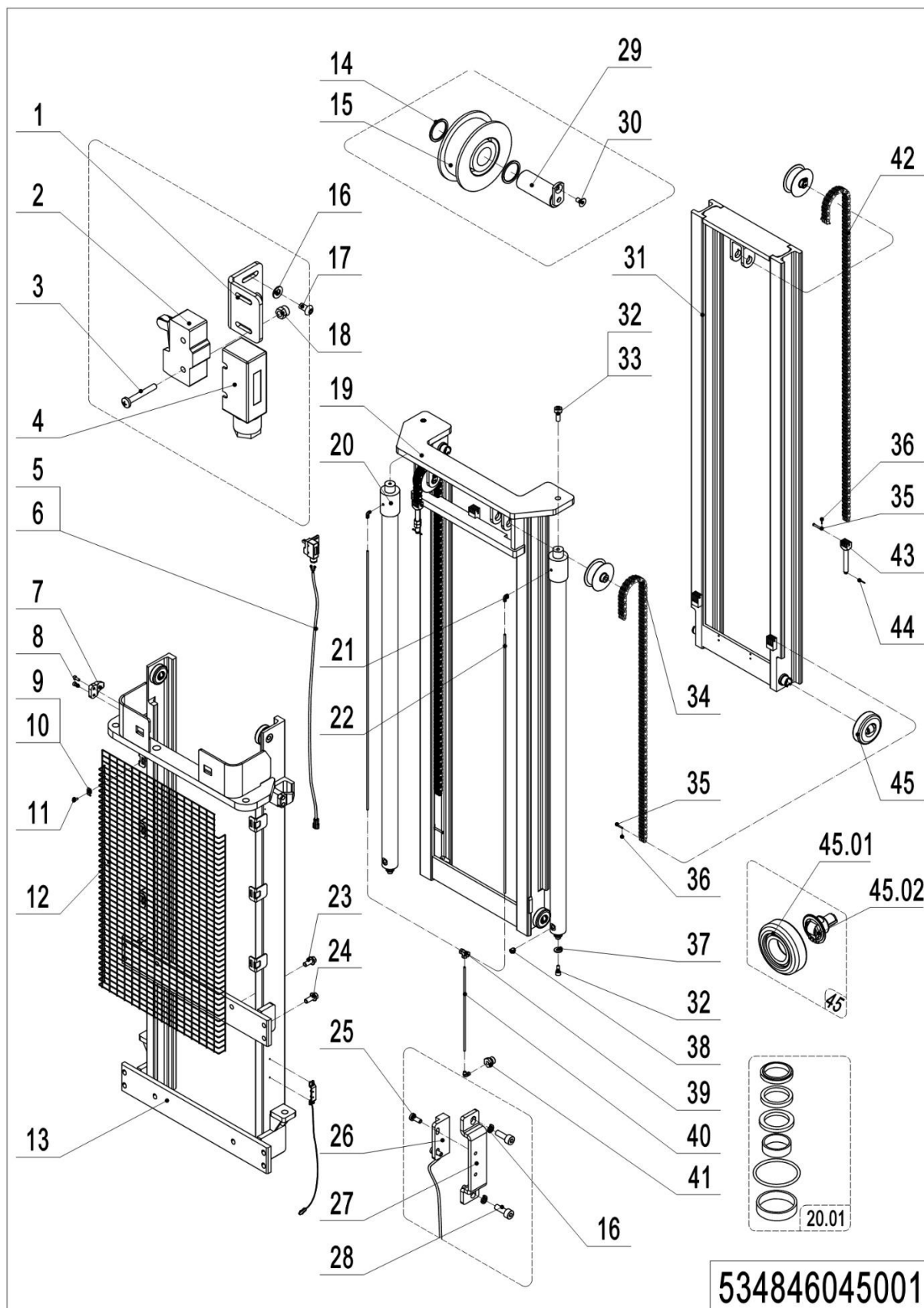
06 Triple Mast Standard Lift (534846045001)



06 Triple Mast Standard Lift (534846045001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534744520036	2	Fixed Plate	1		
2	920200300001		Microswitch	1		
3	910200500028	1	Screw M4x30	2		
4	920200300008		Guard Cover	1		
5	534733010014	2	Wire Harness	1		4300
5	534733010016	2	Wire Harness	1		4600
6	921600400003	1	Cable Tie	5		
7	275044020076		Press Plate	2		
8	910200200057	1	Screw M8x20	4		
9	940801500001	1	Cage Nut	6		
10	320443020321	1	Press Plate	6		
11	910200200038	1	Screw M6x25	6		
12	534444020023	2	Guard Frame	1		4300
12	534444020021	2	Guard Frame	1		4600
13	534845010001	2	Outer Mast(4300)	1		
13	534845010000	2	Outer Mast(4600)	1		
14	940600500008	1	Washer	6		
15	940200500010		Sprocket Bearing	3		
16	910400100003	1	Flat Washer	4		
17	910200300005	1	Screw M4x8	2		
18	910300500001	1	Nut	2		
19	534745010013	2	Middle Mast(4300)	1		
19	534745010011	2	Middle Mast(4600)	1		
20	534745010007	2	Cylinder	2		4300
20	534745010006	2	Cylinder	2		4600
20.01	534798510004	1	Seal Accessories	2		
21	950500100001		Adapter	3		
22	534745020002	2	Return Pipe	2		
23	910100800005	1	Bolt M16x35	4		
24	910100800006	1	Bolt M16x40	8		

06 Triple Mast Standard Lift (534846045001) Continuation

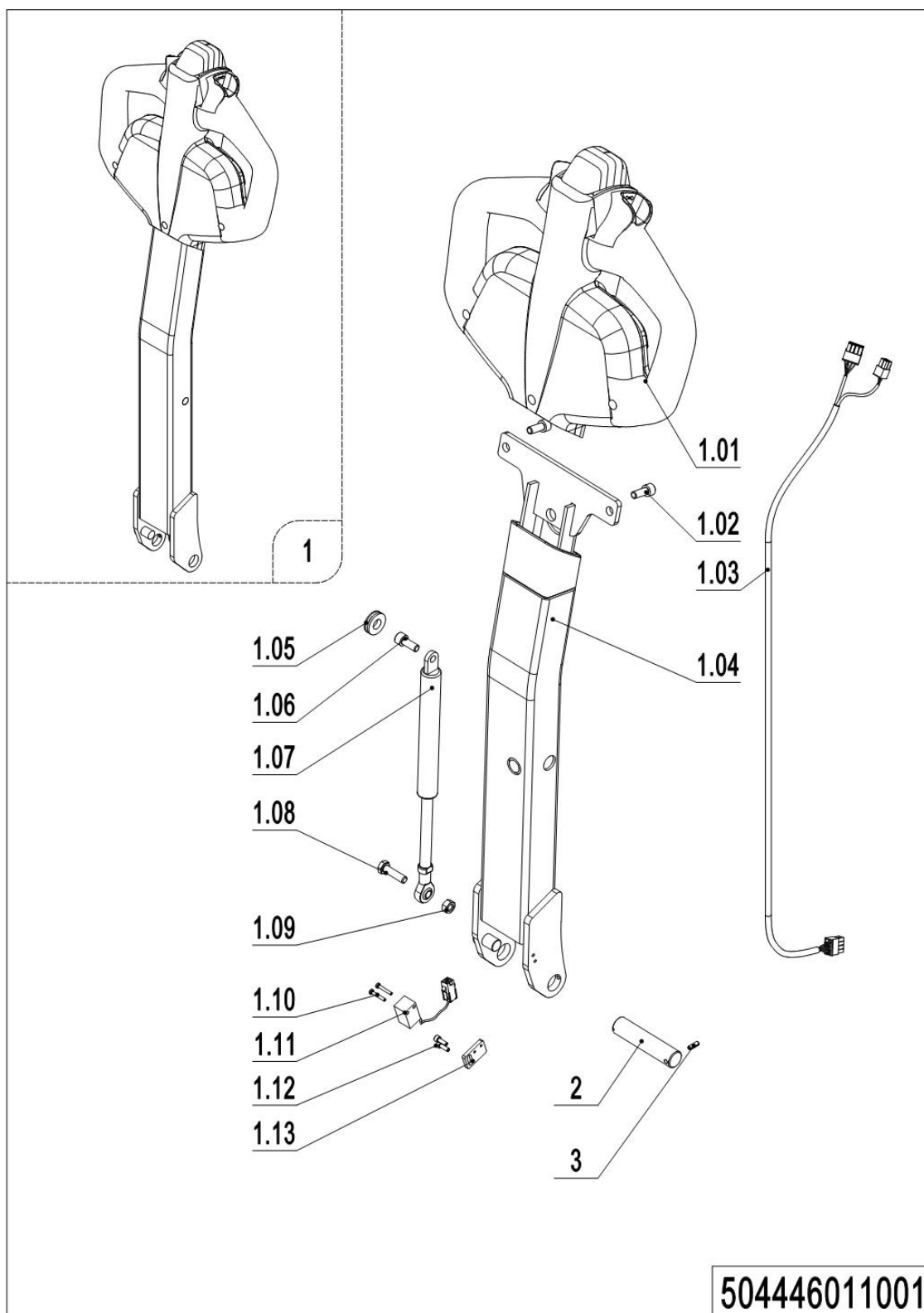


06 Triple Mast Standard Lift (534846045001)Continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
25	910200500010	1	Screw M3x8	2		
26	534833510003		Magnetic Switch	1		
27	534744520059	2	Guard Cover	1		
28	910200200015	1	Screw M4x16	2		
29	533544510006		Trunnion	3		
30	910200400016	1	Screw M6x12	3		
31	534745010005	2	Inner Mast(4300)	1		
31	534745010004	2	Inner Mast(4600)	1		
32	910200200097	1	Screw M12x25	4		
33	910400500008	1	Spring Washer	2		
34	534745010009	2	Chain	2		4300
34	534145010005	2	Chain	2		4600
35	941100800006	1	Pin Shaft	6		
36	910600600015	1	Cotter Pin	6		
37	534744520015		Subplate	2		
38	950600300001		Safety Valve	2		
39	950500200001		T-connector	1		
40	535024010003	2	Return Pipe	1		
41	534824020003		Adapter	1		
42	535044510020	2	Chain	1		4300
42	534745010008	2	Chain	1		4600
43	532644520038		Chain Bolt	3		
44	910600600032	1	Cotter Pin	3		
45	940200300007		Compound Roller	8		
45. 01	940200100016		Main Roller			
45. 02	940200900003		Side Roller Kits			

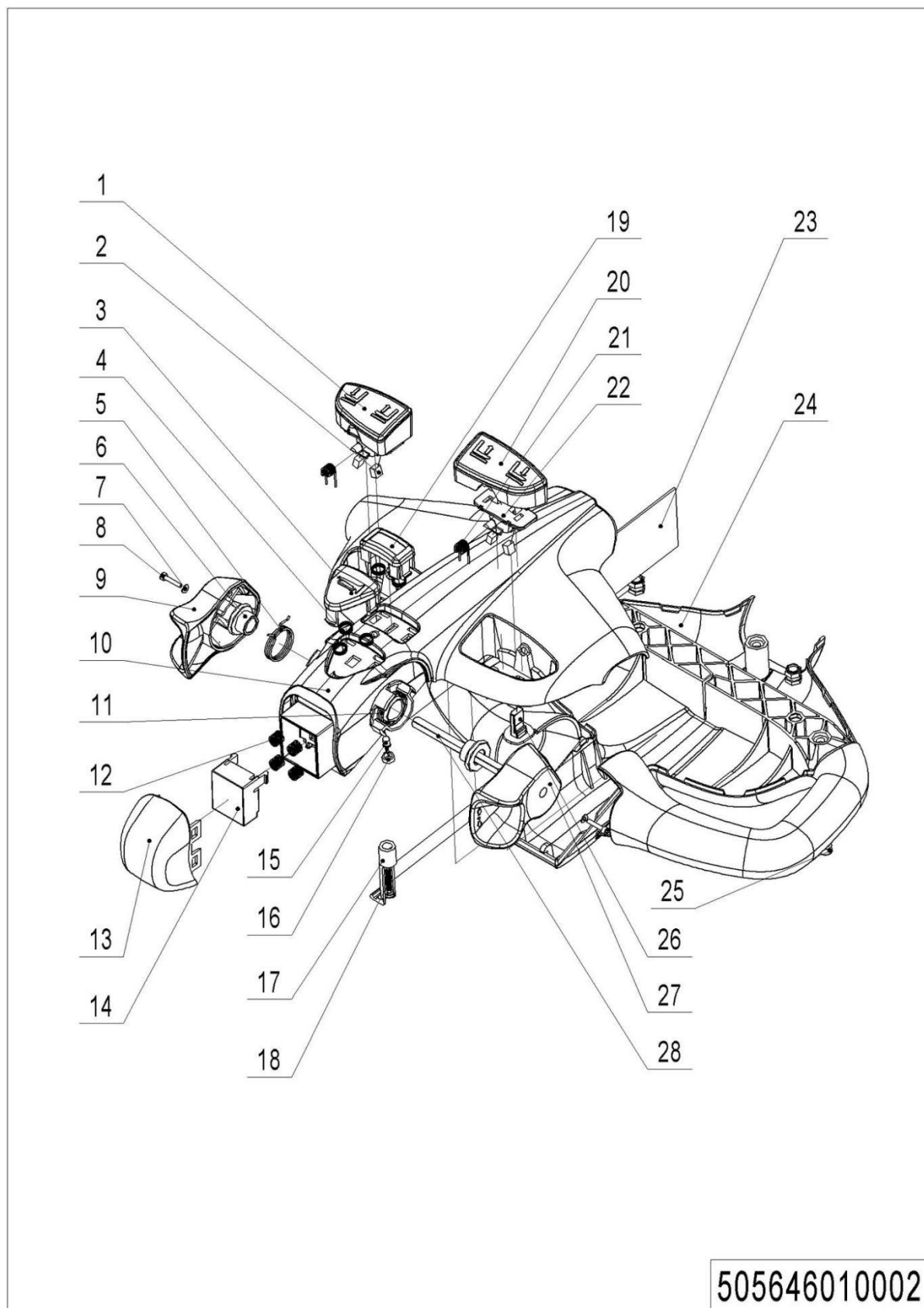
Chapter 5: Steering System, Braking System, Wheels

01 Tiller Unit (504446011001)



01 Tiller Unit (504446011001)

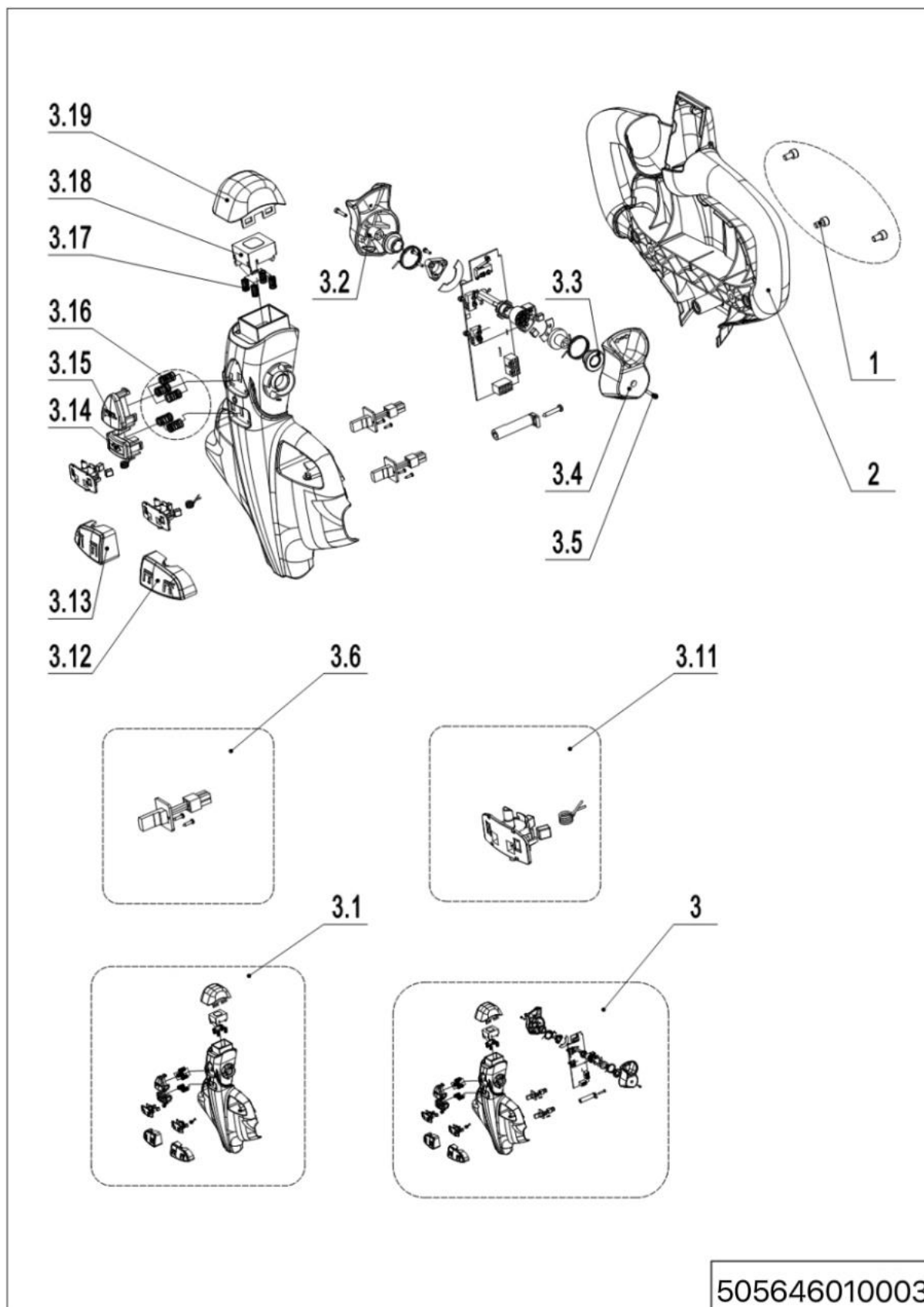
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	504498510027		Tiller Kits	1		
1.01	-----		Tiller	1		Check505646010002
1.01	-----		Tiller	1		Check505646010003
1.01	-----		Tiller	1		Check534846010002
1.02	910200200057	1	Screw M8x20	2		
1.03	534833010001	2	Wire Harness	1		
1.04	504411010001	2	Tiller Rod	1		
1.05	502311020009		Cap	1		
1.06	941100400001	1	Screw M8x20	1		
1.07	940400100011		Gas Spring	1		
1.08	910100300024	1	Bolt M8x30	1		
1.09	910300100006	1	Nut	1		
1.10	910200500015	1	Screw M3x20	2		
1.11	505633510002		Proximity Switch	1		
1.12	910200200014	1	Screw M4x12	2		
1.13	504411020009		Baseboard	1		
2	504411020011		Shaft	1		
3	910600400009	1	Spring Pin	1		

02 Tiller(REMA) (505646010002)

02 Tiller(REMA) (505646010002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	922100100001		Tiller	1		REMA
1	505698520016	2	Left Button	1		
2	505698520005	2	Magnet	4		
3	505698520002	2	Horn Button	1		
4	505698520003	2	Horn Button Spring	5		
5	505698520027	2	Torsional Spring	1		
6	505698520004	2	Sleeve	2		
7	505698520009	2	Washer	2		
8	505698520008	2	Screw M3X16	2		
9	505698520001	2	Left Travel Knob	1		
10	505698520014	2	Tiller Cap	1		
11	505698520026	2	Torsional Spring	1		
12	505698520006	2	Spring	4		
13	505698520020	2	Button Cap	1		
14	505698520019	2	Pedestal	1		
15	505698520024	2	Lamp	1		
16	505698520025	2	Lamp Holder	1		
17	505698520012	2	Clamp	1		
18	505698520023	2	Screw ST4.2X25	1		
19	505698520021	2	Button Cap	1		
20	505698520022	2	Right Button	1		
21	505698520018	2	Torsional Spring	2		
22	505698520017	2	Fixed Base	2		
23	505698520028	2	PCB	1		
24	505698520015	2	Tiller Cap	1		
25	505698520007	2	Screw M6X10	3		
26	505698520013	2	Sensor	2		
27	505698520010	2	Drive Knob	1		
28	505698520011	2	Shaft-Traction Lever	1		

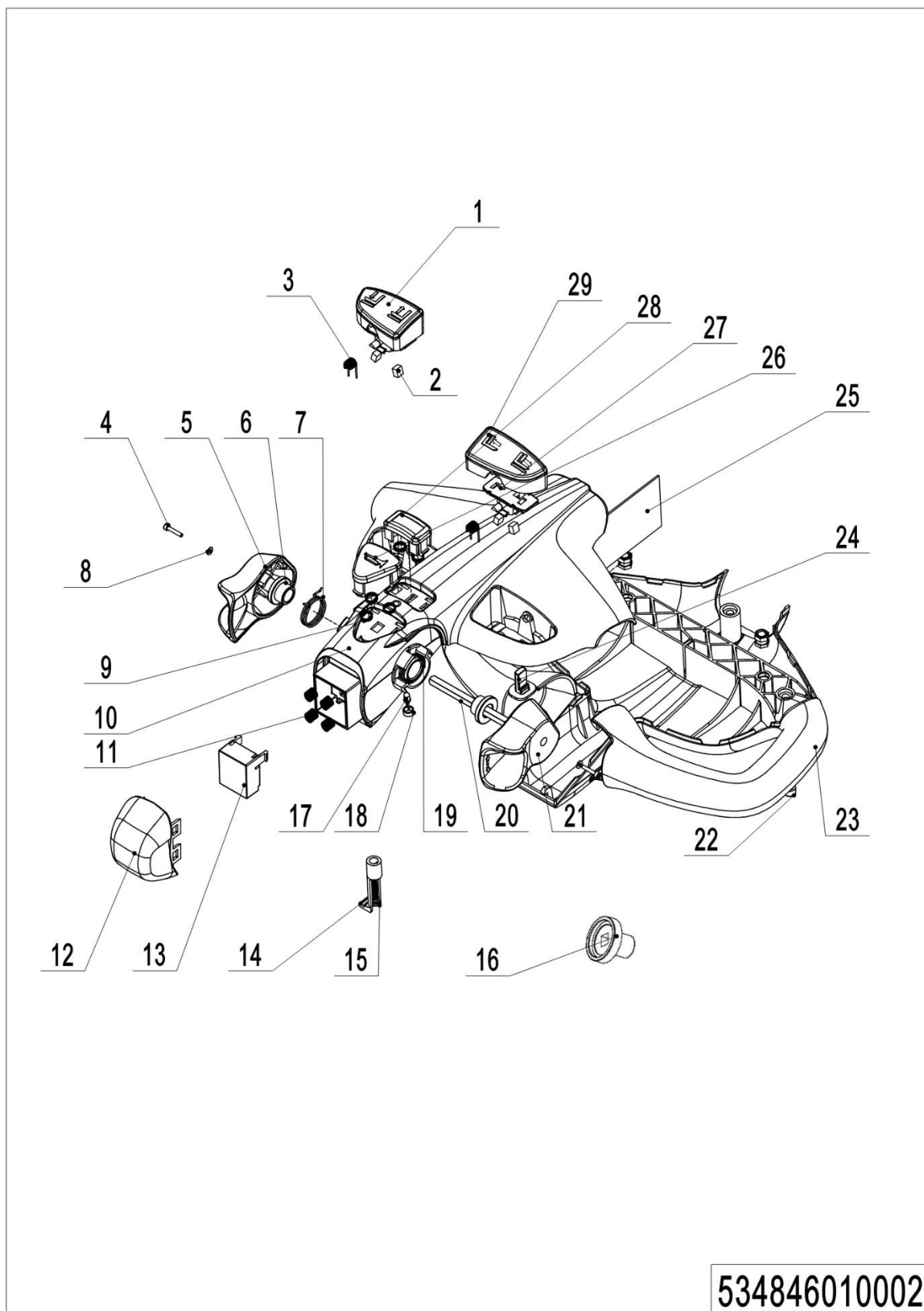
03 Tiller(DT)(505646010003)



03 Tiller (505646011003)

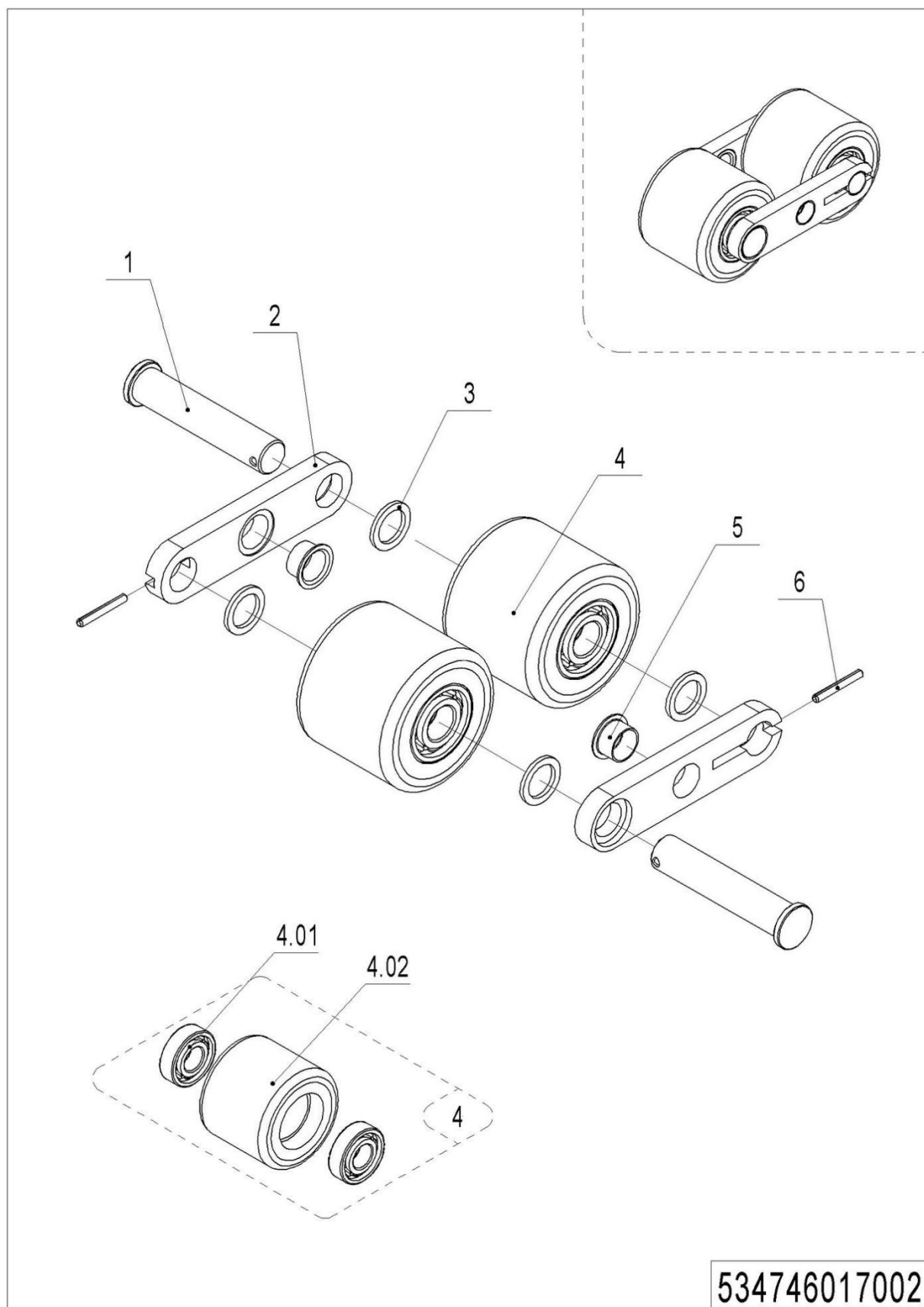
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	922100100012		Tiller	1		
1	910200200032	1	Screw M6x10	3		M6×10
2	505698520124	2	Tiller Cap	1		
3	505698510024	2	Tiller Cap Kits	1		
3.1	505698510021	2	Tiller Cap Kits	1		Include circuit board
3.11	505698510023	2	Sensor	1		
3.12	505698520113	2	Left Lift Button	1		
3.13	505698520114	2	Right Lift Button	1		
3.14	505698520115	2	Button	1		
3.15	505698520116	2	Horn Button	1		
3.16	505698520117	2	Spring	5		
3.17	505698520118	2	Spring	4		
3.18	505698520119	2	Inner Cover	1		
3.19	505698520120	2	Cover	1		
3.2	505698520121	2	Accelerator Knob(Right)	1		
3.3	505698520122	2	Sleeve	2		
3.4	505698520123	2	Accelerator Knob(Left)	1		
3.5	910200200004	1	Screw M3x16	2		M3×16
3.6	505698510022	2	Magnetic Steel Base Kit	1		

04 Tiller(REMA,With lateral shift marking) (534846010002)



04 Tiller(REMA,With lateral shift marking) (534846010002)

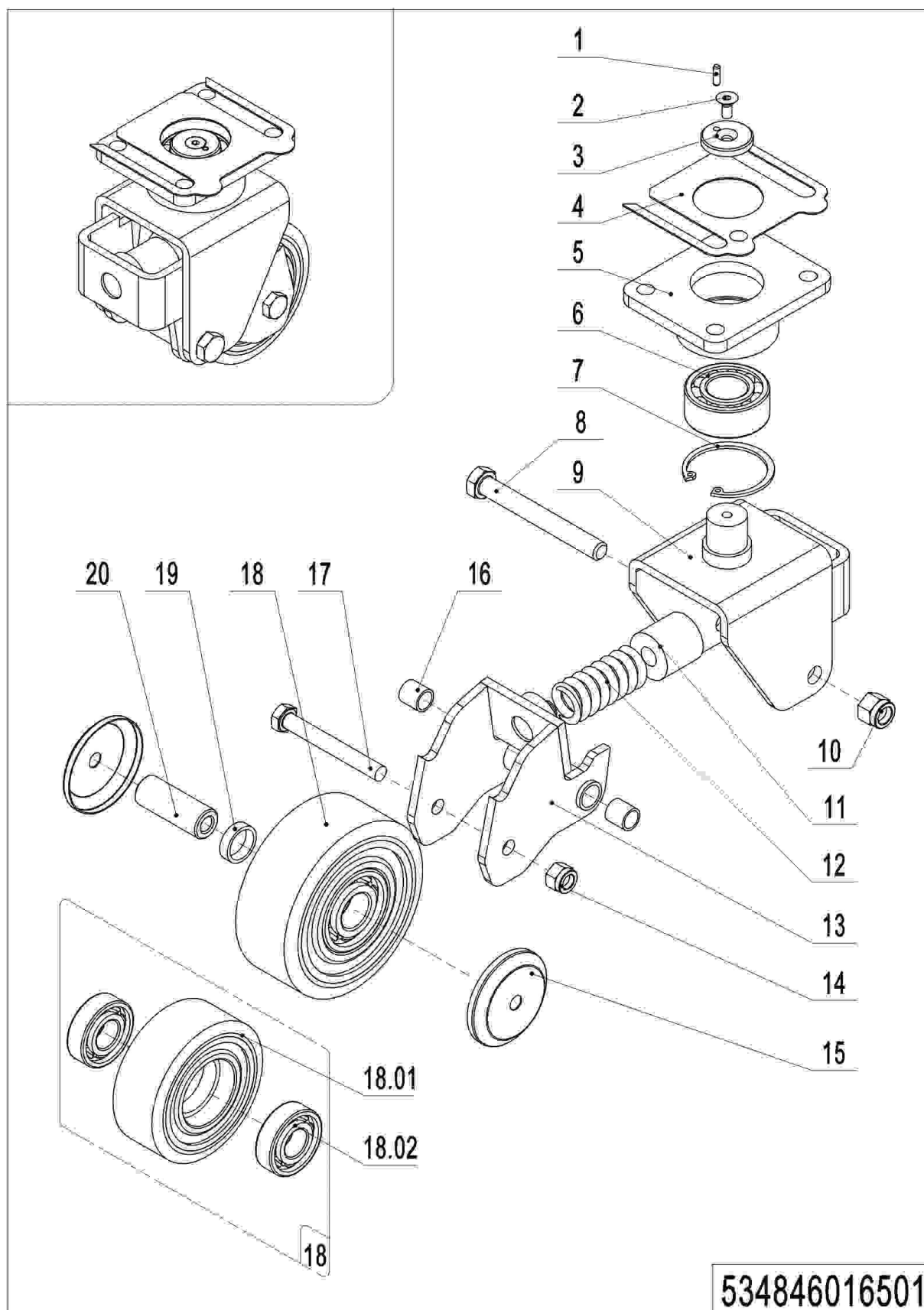
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	922100100336		Control Handle	1		
1	505698520016		Button cap	1		
2	505698520005		Magnet	4		
3	505698520018		Torsional Spring	2		
4	505698520008		Screw	2		
5	505698520001		Traction lever	1		
6	505698520004		Sleeve	2		
7	505698520027		Torsional Spring	1		
8	505698520009		Washer	2		
9	505698520003		Spring	5		
10	505698520099		O-Ring	1		
11	505698520006		Spring	4		
12	505698520020		Button Cap-	1		
13	505698520100		Paper Washer	1		
14	505698520012		Clamp	1		
15	505698520023		Screw	1		
16	505698520102		Gear	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		Flange	1		
26	505698520002		Horn Button	1		
27	505698520017		Fixing Base	2		
28	505698520021		Out cover	1		
29	564898520018		Button Cap	1		

05 Load Wheel(534746017001)

05 Load Wheel(534746017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534717020001		Pin Shaft	2		
2	534717020002	2	Connecting Plate	2		
3	940600500004	1	Washer	4		
4	532998510001	2	Wheel Accessories	2		
4.01	910700200019		Bearing	4		
4.02	940300300009		Wheel $\Phi 84 \times 70$	2		
5	940500200003	1	Bushing	2		
6	910600400017	1	Spring Pin	2		

06 Caster(534846016501)

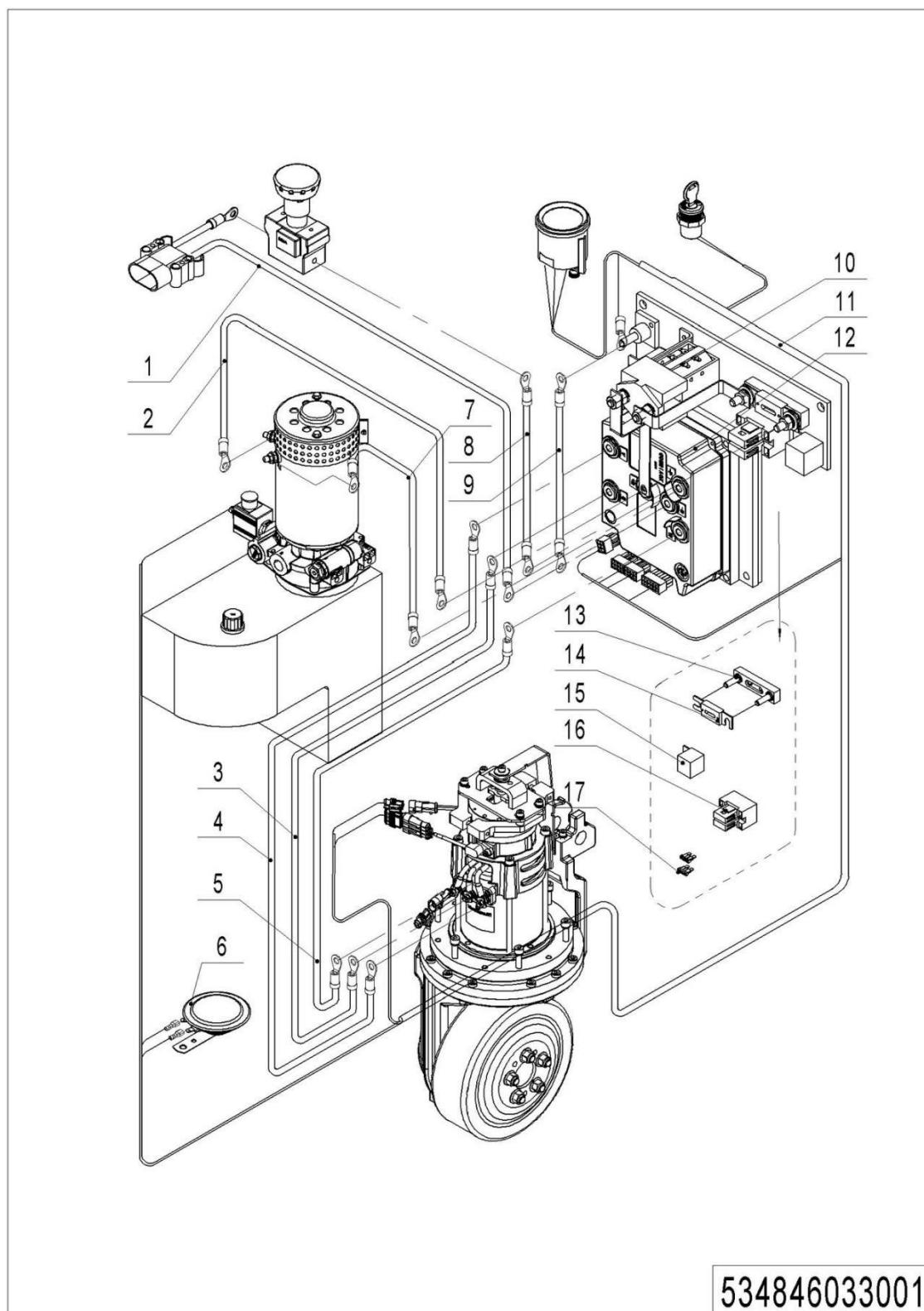


06 Caster(534846016501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	534816510000	2	Caster Assembly	2		
1	910600100004	1	Cylindrical Pin	1		
2	941100300001	1	Screw M6x14	1		
3	505616520007	1	Circlip(Shaft)	1		
4	505616520014	1	Gasket	1		
5	505616510002	2	Connecting Plate	1		
6	910700500002		Bearing	1		
7	910401400016	1	Circlip(Hole)	1		
8	941100200002	1	Bolt M12x100	1		
9	536716510003	2	Wheel Carrier	1		
10	910300500006	1	Nut	1		
11	505616520000	2	Spring	1		
12	940400500007	2	Spring	1		
13	505616510003	2	Whirling Arm	1		
14	910300500005	1	Nut	1		
15	505616520011		Dust Cap	2		
16	940500100002	1	Bushing	2		
17	910100100038	1	Bolt M10x80	1		
18	505698510000	2	Wheel Accessories	1		
18.01	940300300018		Wheel Φ 100x40	1		
18.02	910700200019		Bearing	2		
19	505616520012	1	Circlip	2		
20	505616520013	2	Bushing	1		

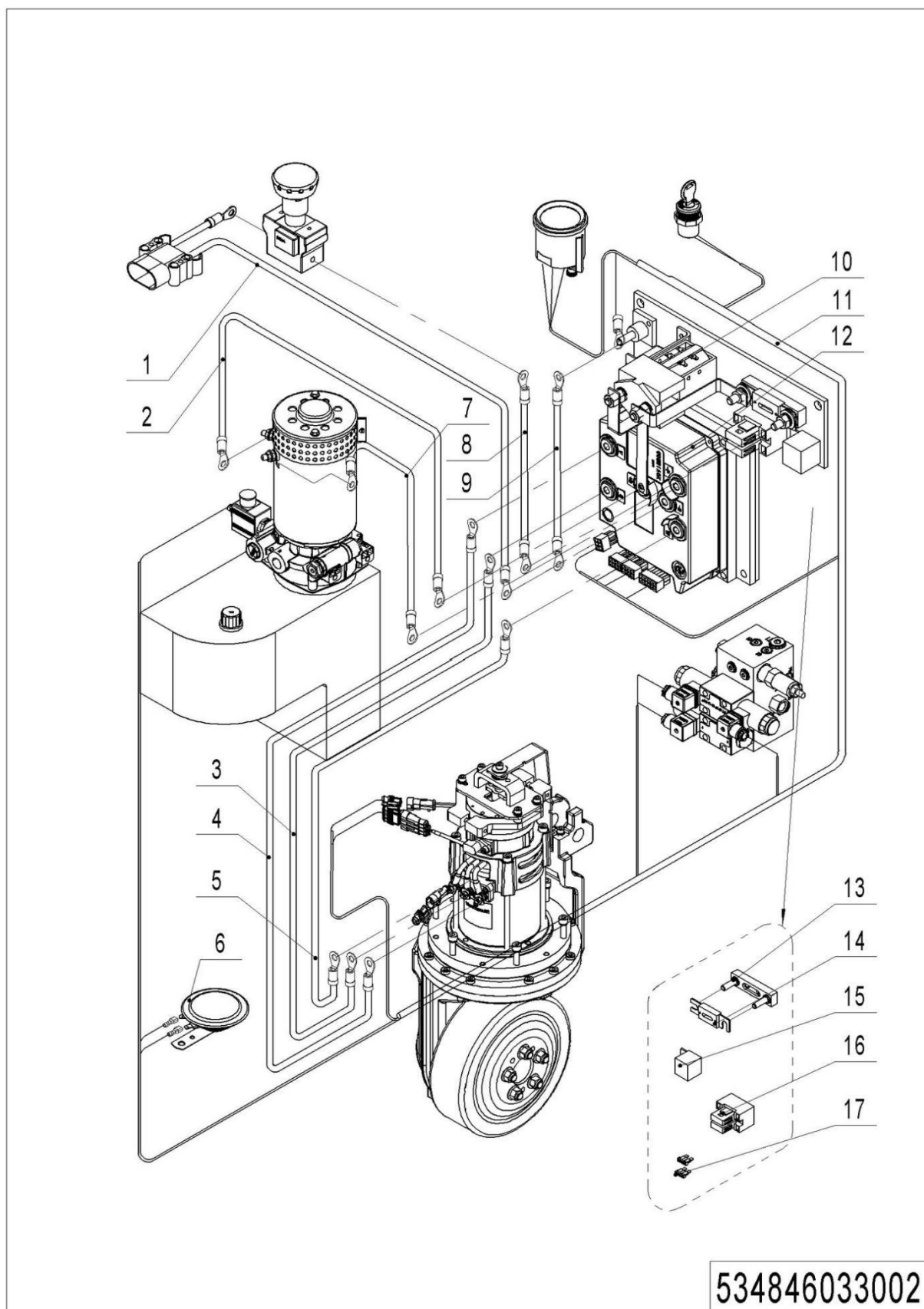
Chapter 6: Electrical Parts

01 Wire Harness (534846033001)



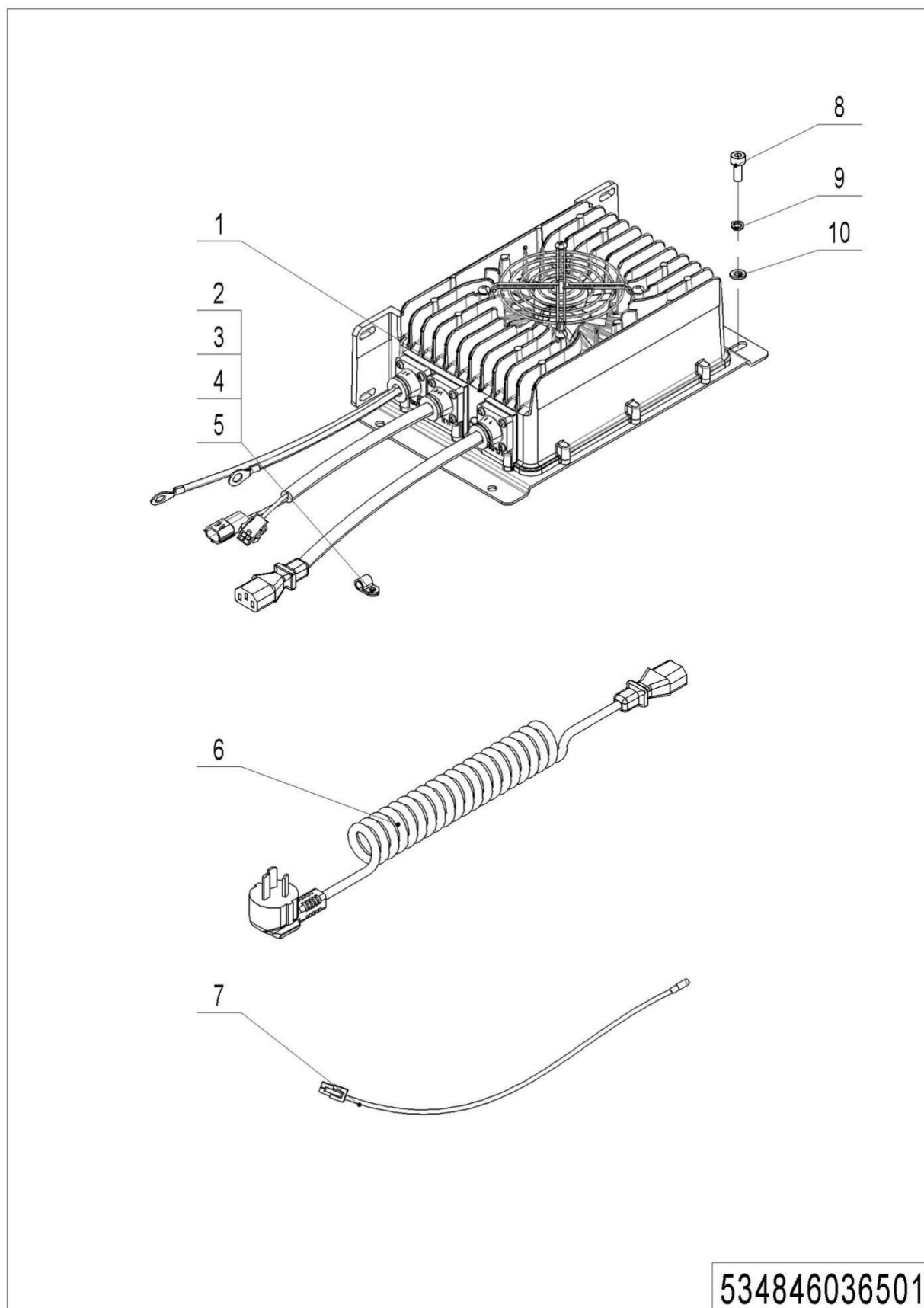
01 Wire Harness (534846033001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534833010008	2	Wire Harness	1		
1	534533010002	2	Wire Harness	1		Li
2	534533010007	2	Cable	1		
3	534833010003	2	Cable	1		
4	534833010004	2	Cable	1		
5	534833010005	2	Cable	1		
6	920500100001		Horn	1		
7	534533010006	2	Cable	1		
8	534833010009	2	Cable	1		
9	534833010013	2	Connection Wire	1		
10	920700100002		Contactor	1		
11	534533010000	2	Wire Harness	1		
11	534833010015	2	Wire Harness	1		Li
12	534833210023		Controller	1		VIBO3.2kw
12	534833210026		Controller	1		HPI3.2kw
12	534833210035		Controller	1		VIBO3.2kw, Li
12	534833210038		Controller	1		HPI3.2kw, Li
13	920100400002		Fuse Holder	1		
14	920100100013		Fuse	1		
15	920800100001		Relay	1		
16	920100400005		Fuse Holder	1		
17	920100200002		Fuse	2		

02 Wire Harness (Side-shift)(534846033002)

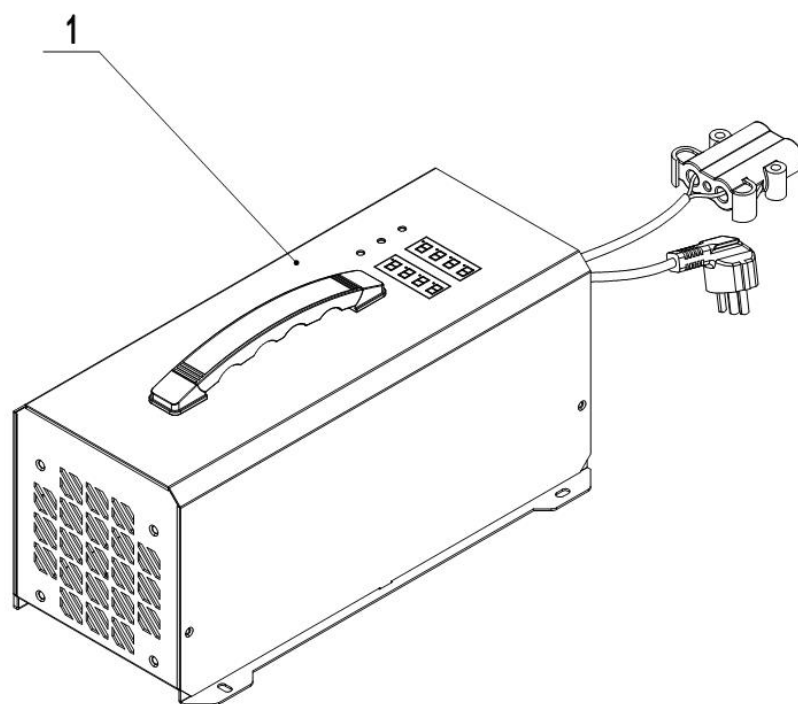
02 Wire Harness (Side-shift)(534746033002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534833010008	2	Wire Harness	1		
1	534833010017	2	Wire Harness	1		Li
2	534533010007	2	Cable	1		
3	534833010003	2	Cable	1		
4	534833010004	2	Cable	1		
5	534833010005	2	Cable	1		
6	920500100001		Horn	1		
7	534533010006	2	Cable	1		
8	534833010009	2	Cable	1		
9	534833010013	2	Connection Wire	1		
10	920700100002		Contactor	1		
11	534533010000	2	Wire Harness	1		
11	534833010014	2	Wire Harness	1		Li
12	534833210029		Controller	1		VIBO3.2kw
12	534833210032		Controller	1		HPI3.2kw
12	534833210041		Controller	1		VIBO3.2kw, Li
12	534833210044		Controller	1		HPI3.2kw, Li
13	920100400002		Fuse Holder	1		
14	920100100013		Fuse	1		
15	920800100001		Relay	1		
16	920100400005		Fuse Holder	1		
17	920100200002		Fuse	2		

03 Charger (534846036501)

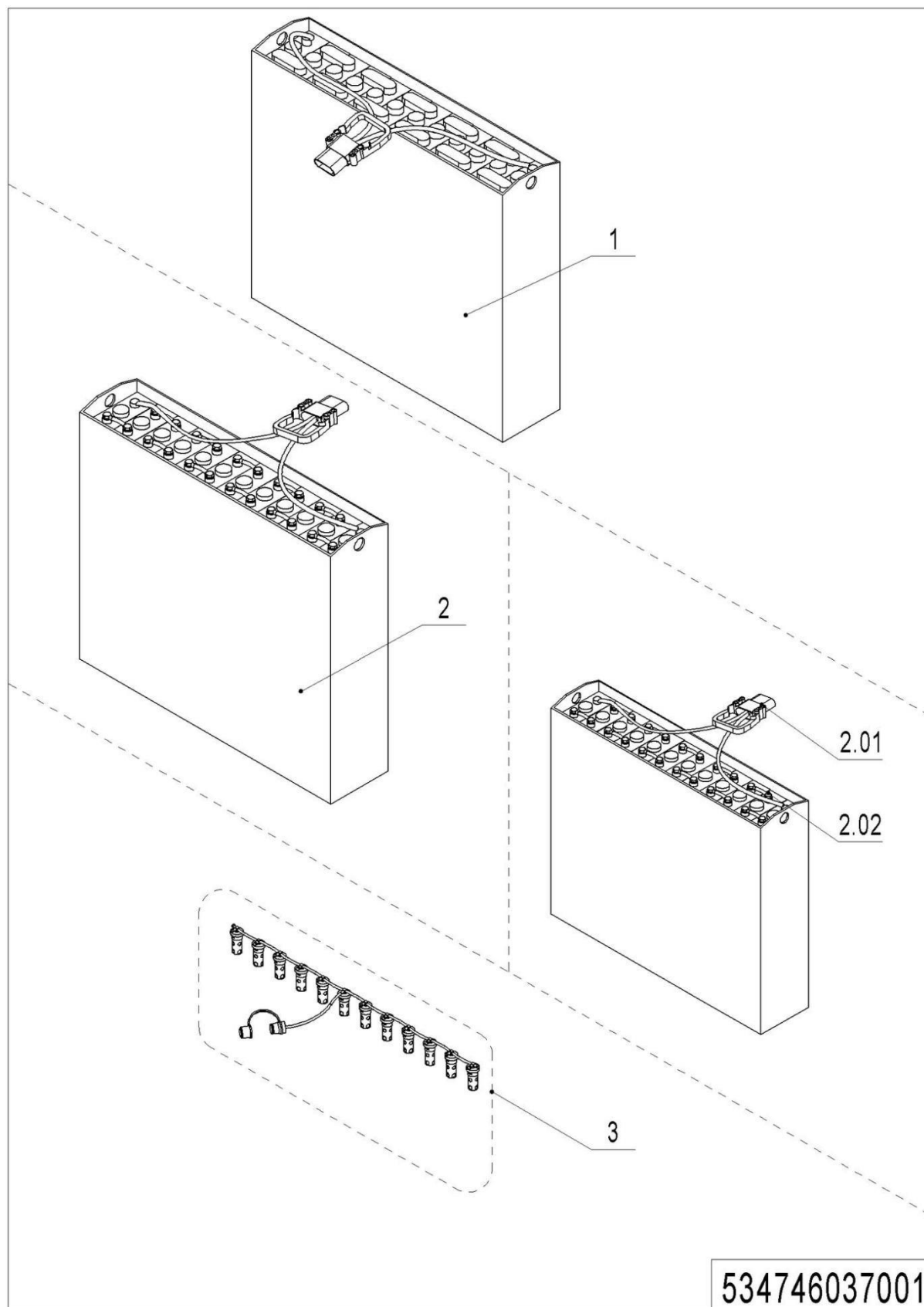
03 Charger(534846036501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921000100046		Charger 24V35A	1		
1	921000100104		Charger 24V35A(US)	1		
2	921300200001	1	Cable Clamp	4		
3	910200500034	1	Screw M4x8	4		
4	910400100003	1	Flat Washer	4		
5	910400500003	1	Spring Washer	4		
6	921500200031		Spring Cable(USA)	1		
6	921500200008		Spring Cable(Asia)	1		
6	921500200005		Spring Cable(EU)	1		
6	921500200003		Spring Cable(AUS)	1		
6	921500200004		Spring Cable(ENG)	1		
6	921500200029		Spring Cable(ISR)	1		
7	922000100020		Lamp	1		
8	910200200033	1	Screw M6x12	4		
9	910400500005	1	Spring Washer	4		
10	910400100005	1	Flat Washer	4		

04 Charger(Li) (534846036501)**534846036502**

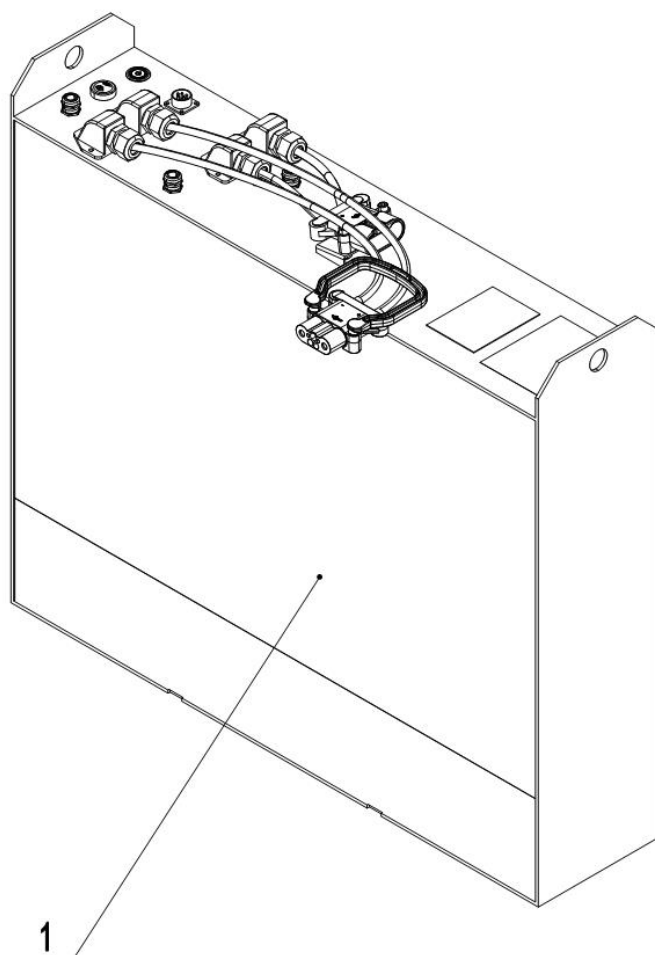
04 Charger(Li)(534846036502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921000200522		Charger 24V60A(Asia-CHN)	1		
1	921000200523		Charger 24V60A(Asia-EN)	1		
1	921000200524		Charger 24V60A(EU)	1		
1	921000200525		Charger 24V60A(ENG)	1		
1	921000200526		Charger 24V60A(AUS)	1		
1	921000200527		Charger 24V60A((ISR)	1		
1	921000200528		Charger 24V60A(ARG)	1		
1	921000200529		Charger 24V60A(ZA)	1		
1	921000200530		Charger 24V60A(US)	1		
1	921000200531		Charger 24V80A(Asia-CHN)	1		
1	921000200663		Charger 24V60A(BIGZA)	1		
1	921000200631		Charger 24V60A(THA)	1		
1	921000200532		Charger 24V80A(Asia-EN)	1		
1	921000200533		Charger 24V80A(EU)	1		
1	921000200534		Charger 24V80A(ENG)	1		
1	921000200535		Charger 24V80A(AUS)	1		
1	921000200536		Charger 24V80A(ISR)	1		
1	921000200537		Charger 24V80A(ARG)	1		
1	921000200538		Charger 24V80A(ZA)	1		
1	921000200539		Charger 24V80A(US)	1		
1	921000200664		Charger 24V80A(BIGZA)	1		
1	921000200690		Charger 24V60A(US)	1		
1	921000200691		Charger 24V80A(US)	1		
1	921000100098		Charger 24V35A(US)	1		
1	921000200785		Charger 24V50A(USA)	1		
1	921000200723		Charger 24V50A(US)	1		
1	921000200724		Charger 24V60A(BRA)	1		
1	921000200630		Charger 24V80A(THA)	1		
1	921000200633		Charger 24V80A(BRA)	1		
1	921000200786		Charger 24V80A(USA)	1		

05 Traction Battery (534746037001)

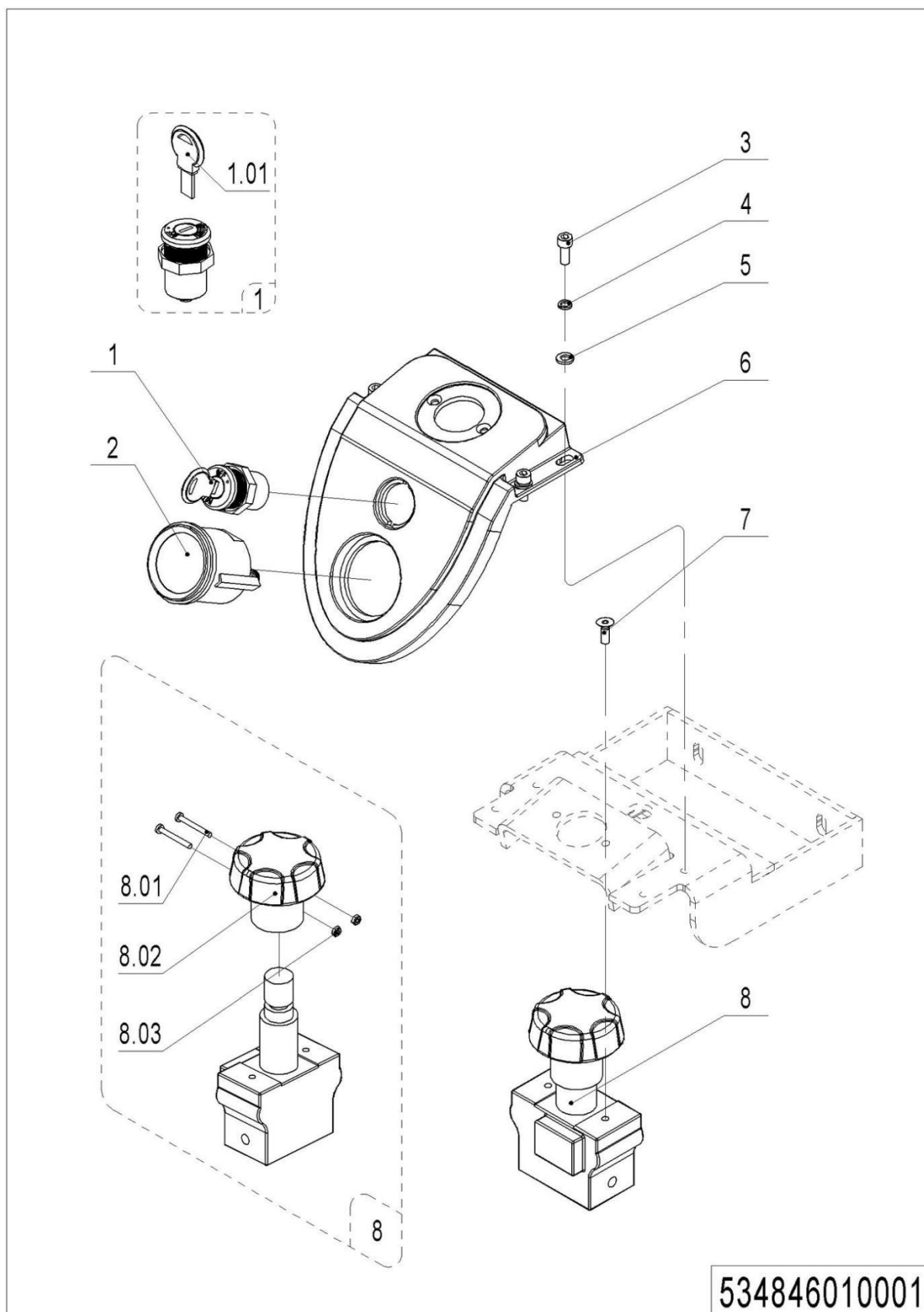
05 Traction Battery (534746037001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534737010000		Battery24V270Ah(Welded)	1		Welded
2	534737010001		Battery24V270Ah(Bolted)	1		Bolted
2.01	920400100007		Connector	1		General Use
2.02	505698520000		Screw M10X22	24		Bolted Only
3	535937110000		Water Refilling System	1		Optional

06 Traction Battery (Li) (534846037001)**534846037001**

06 Traction Battery (Li) (534846037001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920600100958	2	Li-Battery24V150Ah	1		XNL, Anderson80
1	920600100957	2	Li-Battery24V150Ah	1		XNL, REMA80
1	920600100961	2	Li-Battery24V200Ah	1		XNL, REMA80

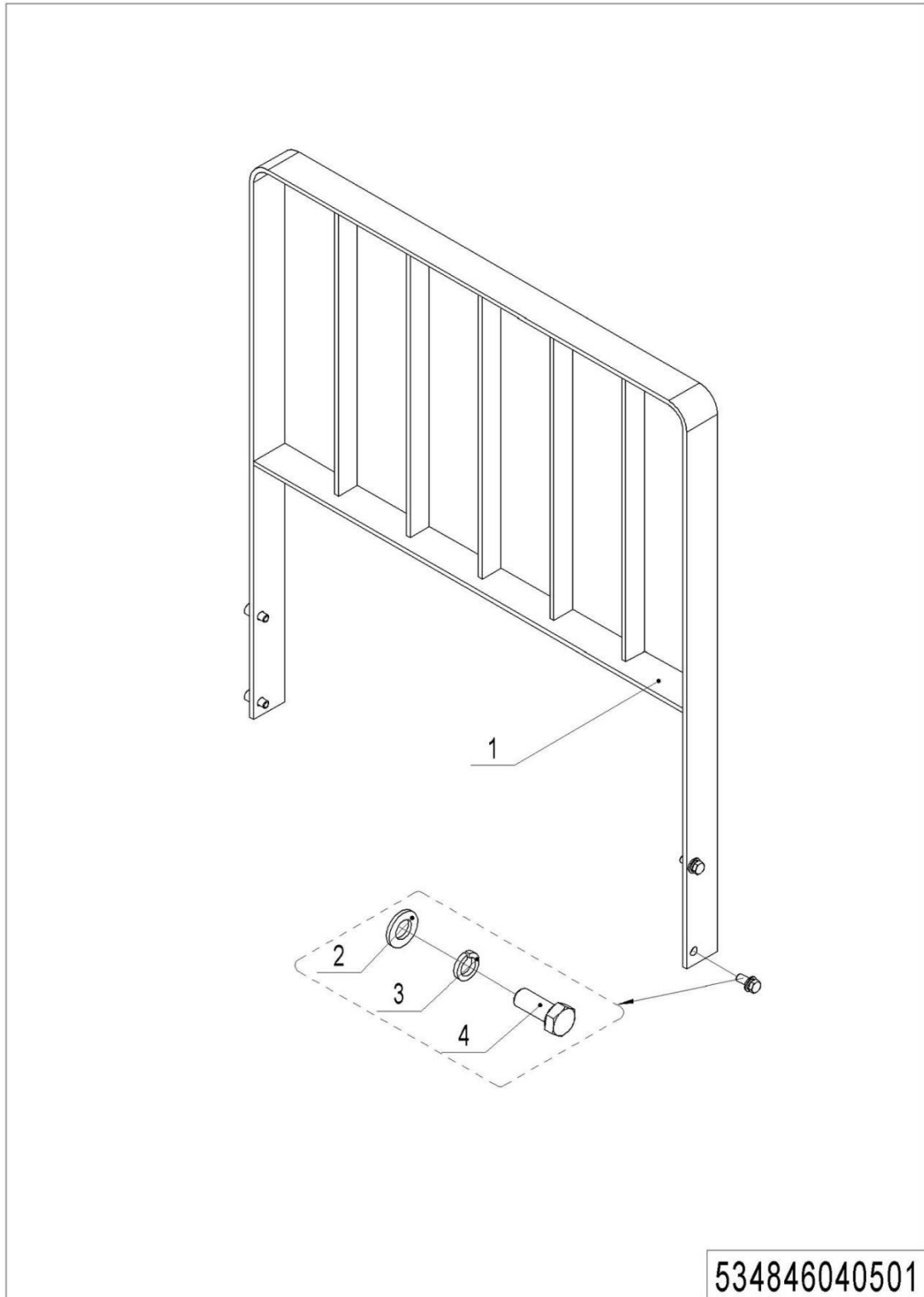
07 Display Assembly (534846010001)

07 Display Assembly (534846010001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	505634010000		Key Switch	1		
1	505634010001		Key Switch	1		Li
1.01	505698520031		Key	1		
2	921100100049		Display	1		D13L
2	921100100012		Display	1		MDI
3	910200200035	1	Screw M6x16	4		
4	910400500005	1	Spring Washer	4		
5	910400100005	1	Flat Washer	4		
6	504410020001	2	Guard Cover	1		
7	910200400011	1	Screw M5x12	2		
8	920200100001		Emergency Switch	1		
8.01	910200500016	1	Screw M3x25	2		
8.02	505698520029		Emergency Button	1		
8.03	910300100002	1	Nut	2		

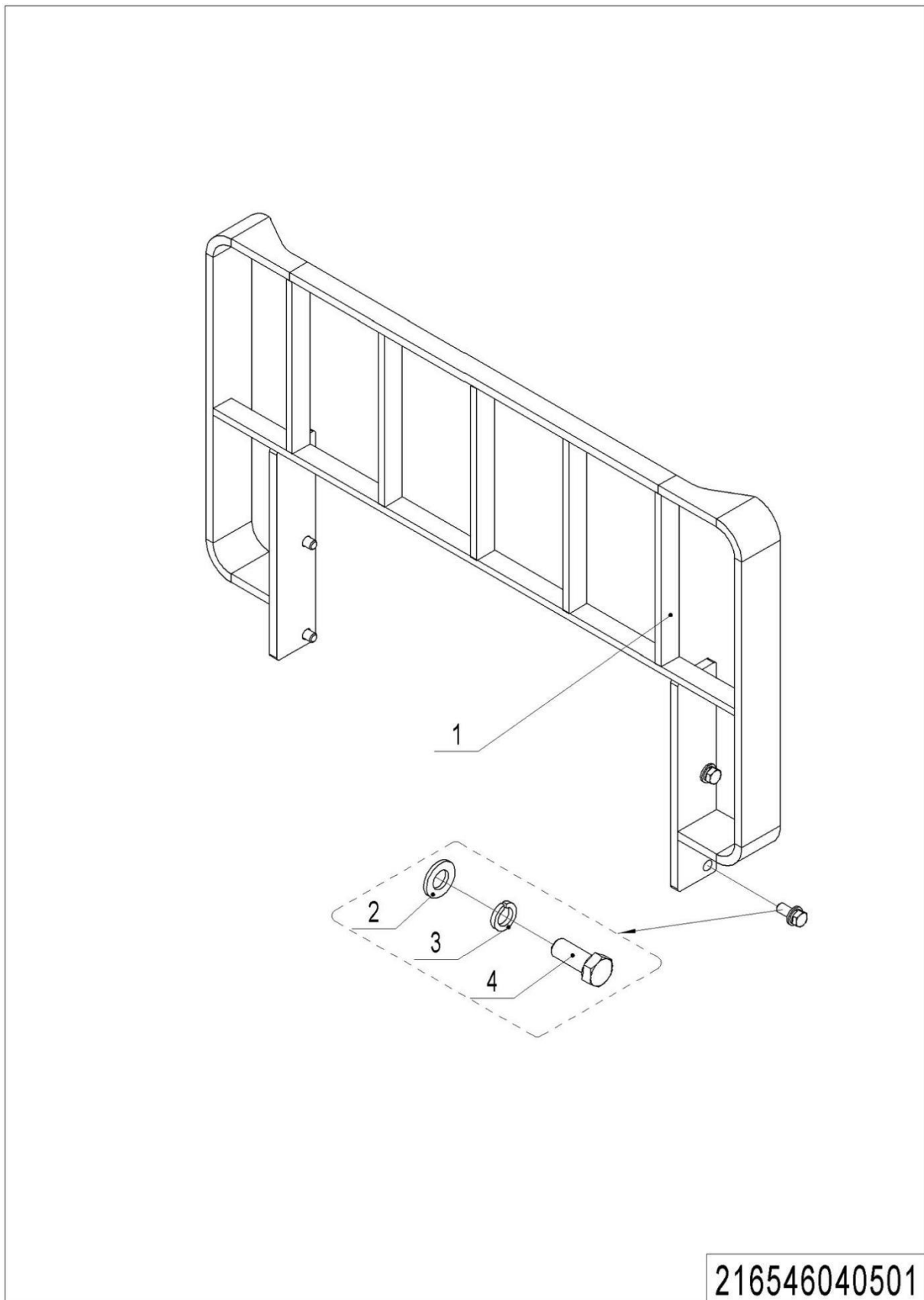
Chapter 7: Special Parts

01 Load Backrest (Optional) (534846040501)



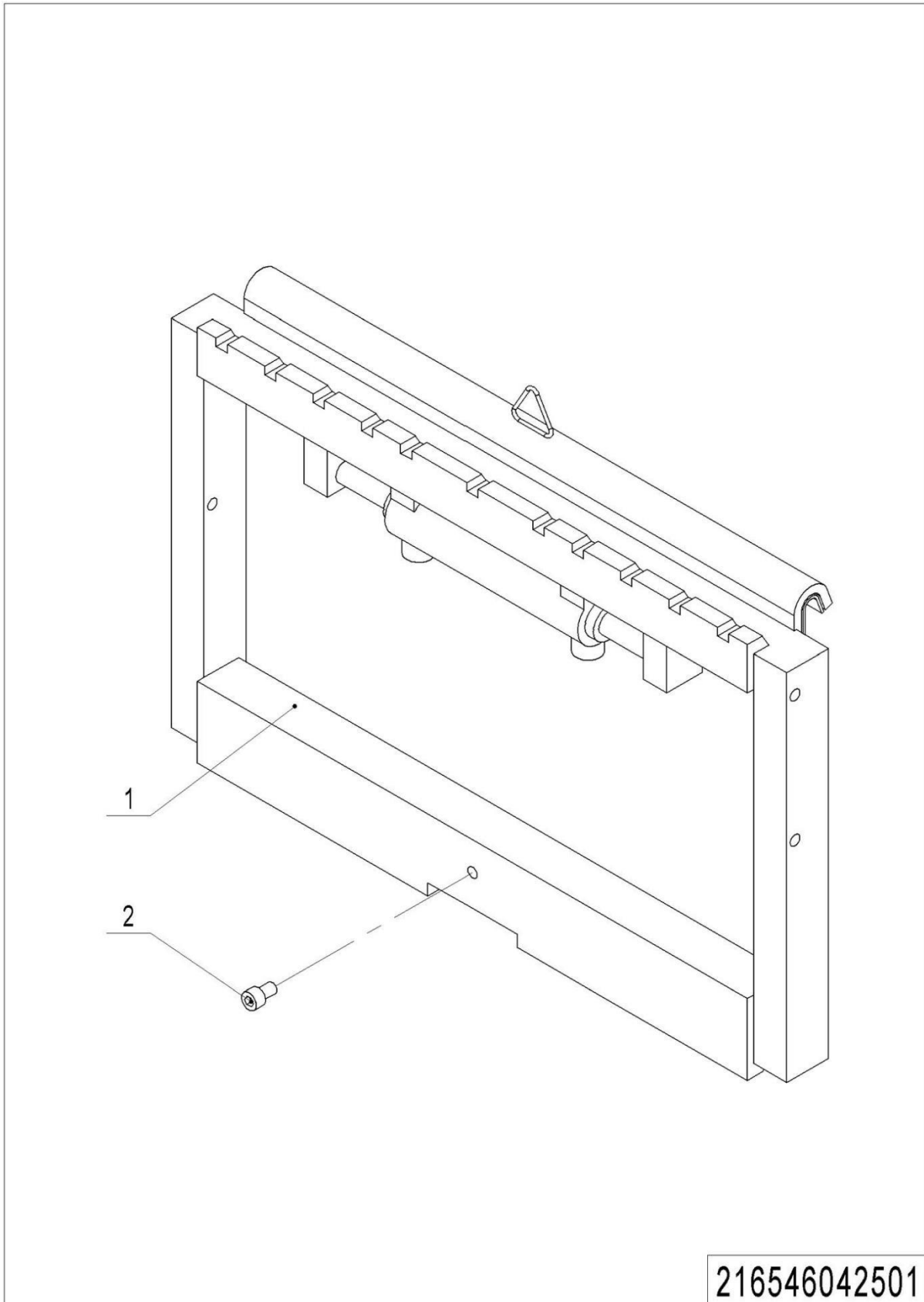
01 Load Backrest (Optional)(534846040501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	534840510000	2	Load Backrest	1		
2	910400100007	1	Flat Washer	4		
3	910400500007	1	Spring Washer	4		
4	910100300037	1	Bolt M10x30	4		

02 Load Backrest (Side-shift,Optional) (216546040501)

02 Load Backrest (Side-shift,Optional)(216546040501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	216540510001	2	Load Backrest	1		
2	910400100008	1	Flat Washer	4		
3	910400500008	1	Spring Washer	4		
4	910100300050	1	Bolt M12x30	4		

03 Side-shifter (216546042501)

03Side-shifter (216546042501)

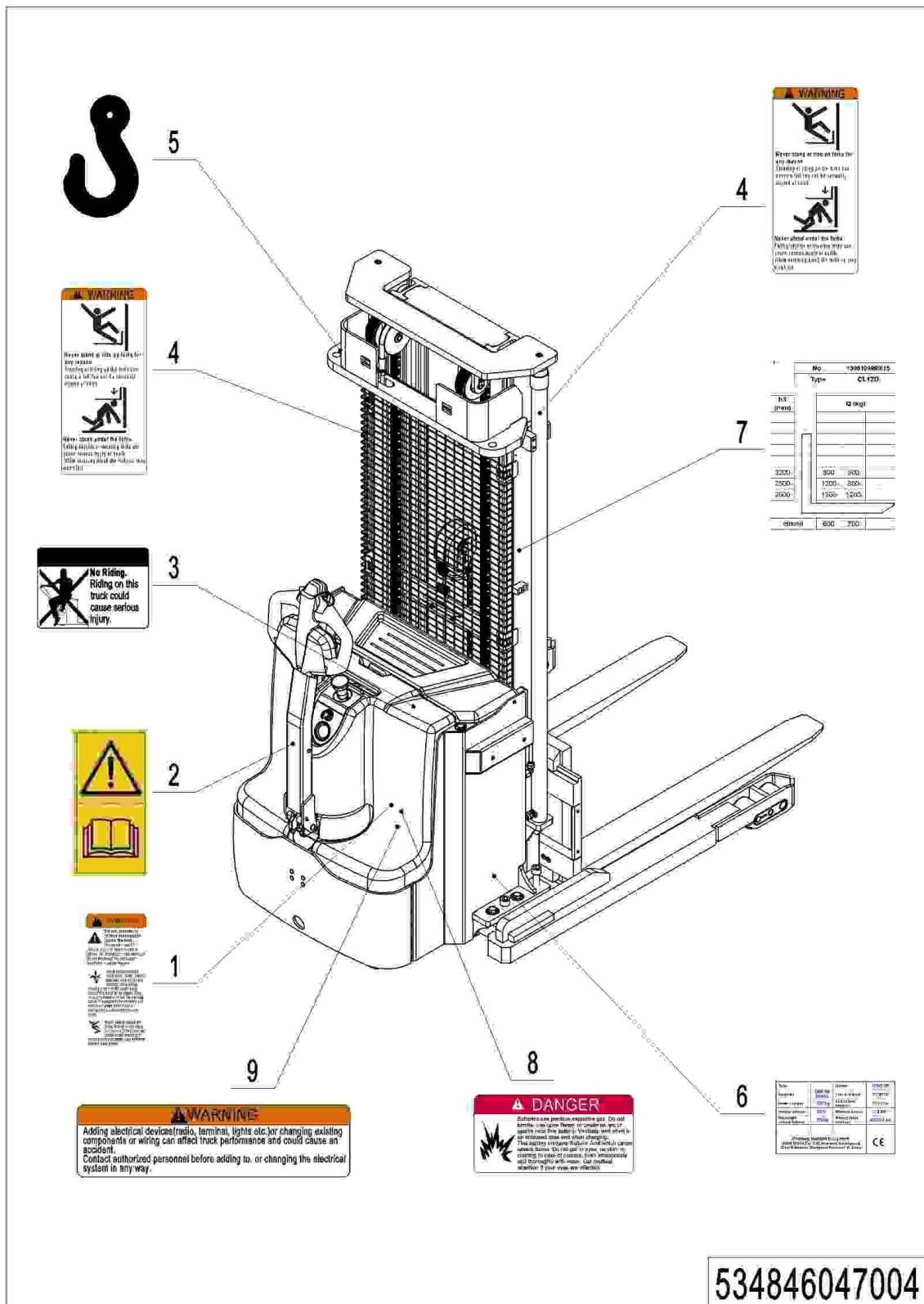
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	940100200008		Side Shifter	1		LDSJ
1	940100200005		Side Shifter	1		Cascade
2	910200200074	1	Screw M10x16	1		

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

01 Label and Decal(EU) (534846047002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200300001		Label	2		
2	941200100004		Label	2		
3	941200100003		Label	1		
4	941200300002		Label	1		
5	941200500001		Label	2		
6	534847502001		Identification Plate	1		

02 Label and Decal (USA)(534846047004)

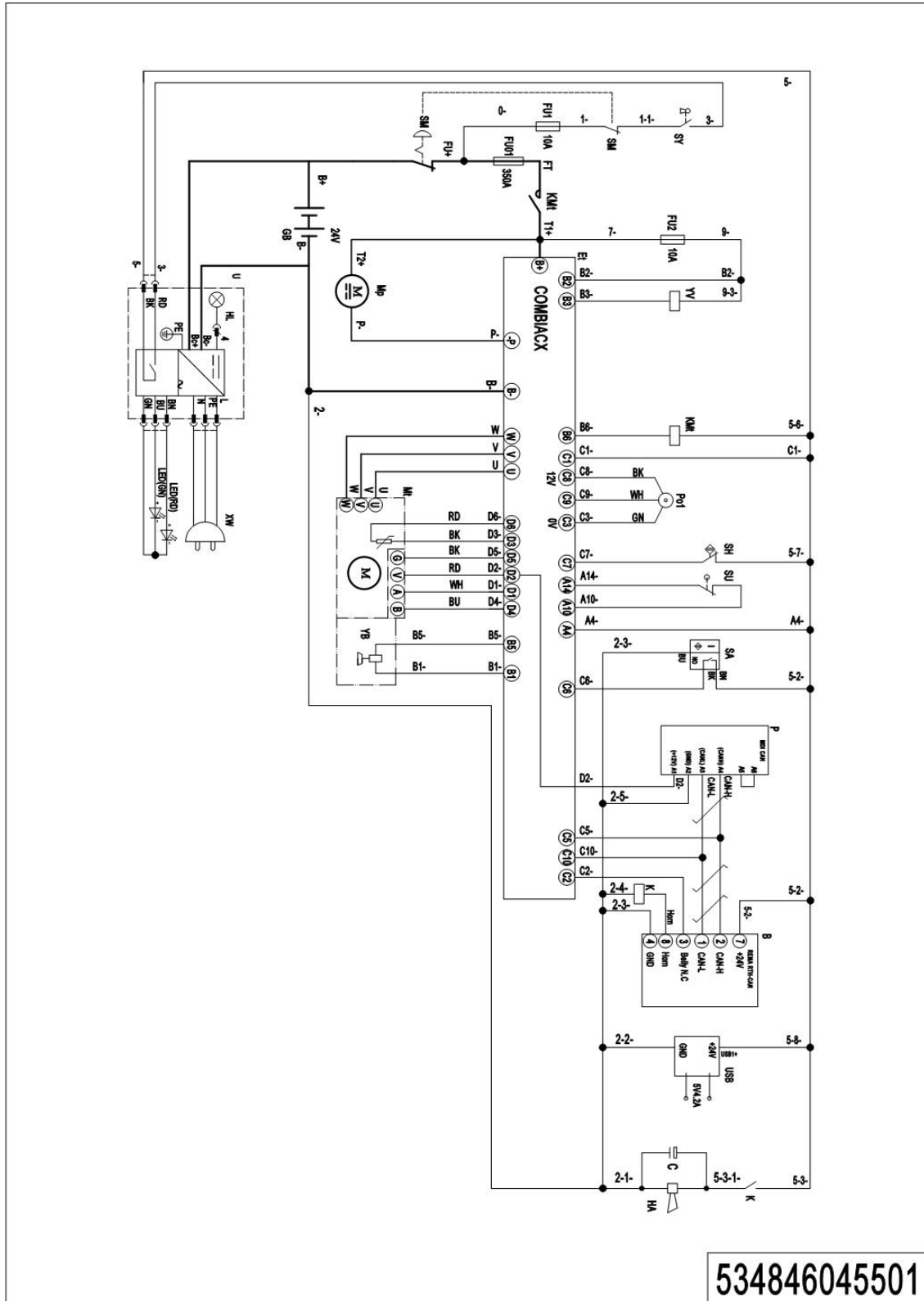


02 Label and Decal (USA)(534846047004)

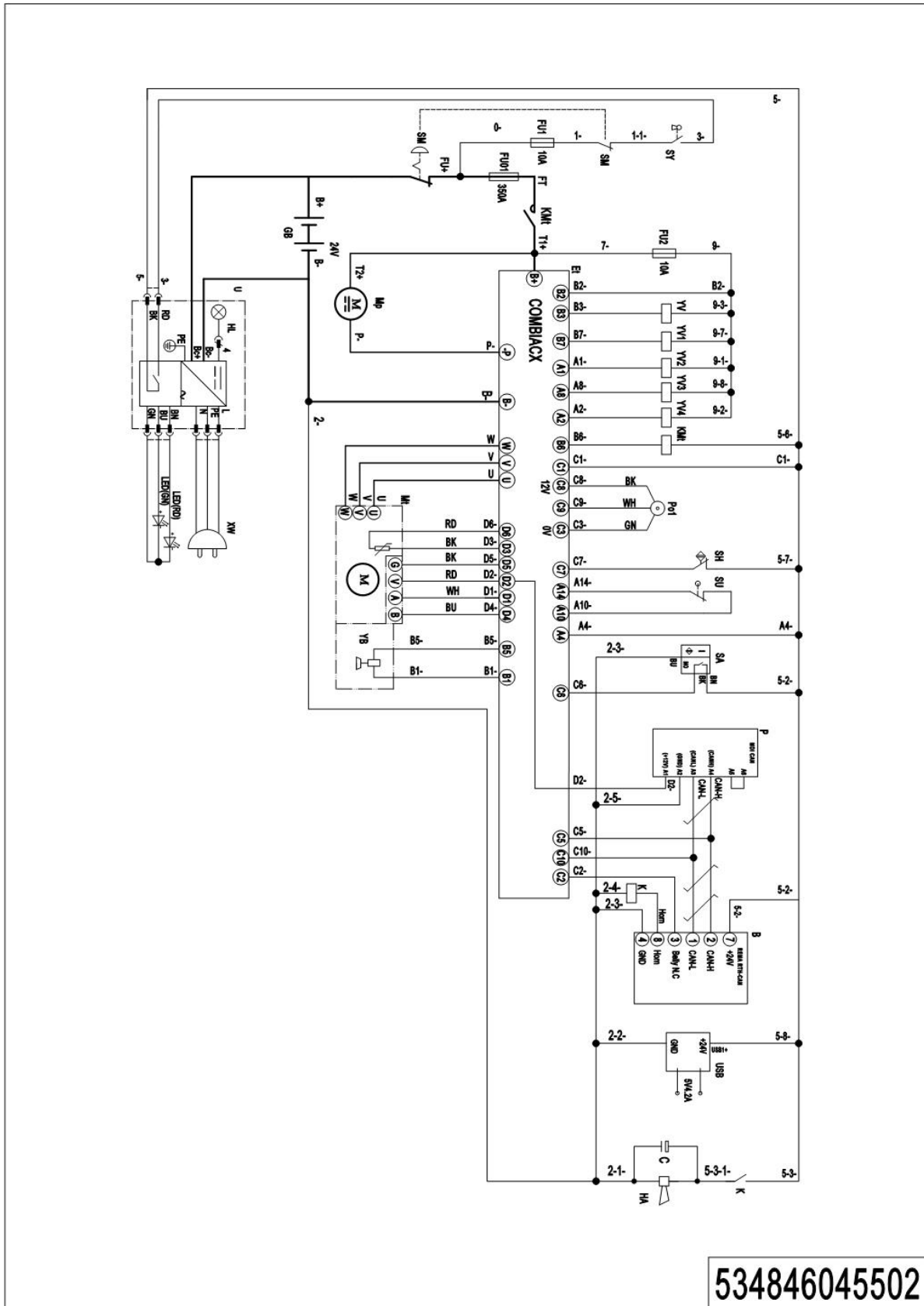
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	941200100009		Label	1		
2	941200300002		Label	1		
3	941200100011		Label	1		
4	941200100016		Label	1		
5	941200300001		Label	2		
6	534847502001		Identification Plate	1		
7	534847502002		Load Capacity Diagram	2		
8	941200100013		Label	1		
9	941200100010		Label	1		

Appendix

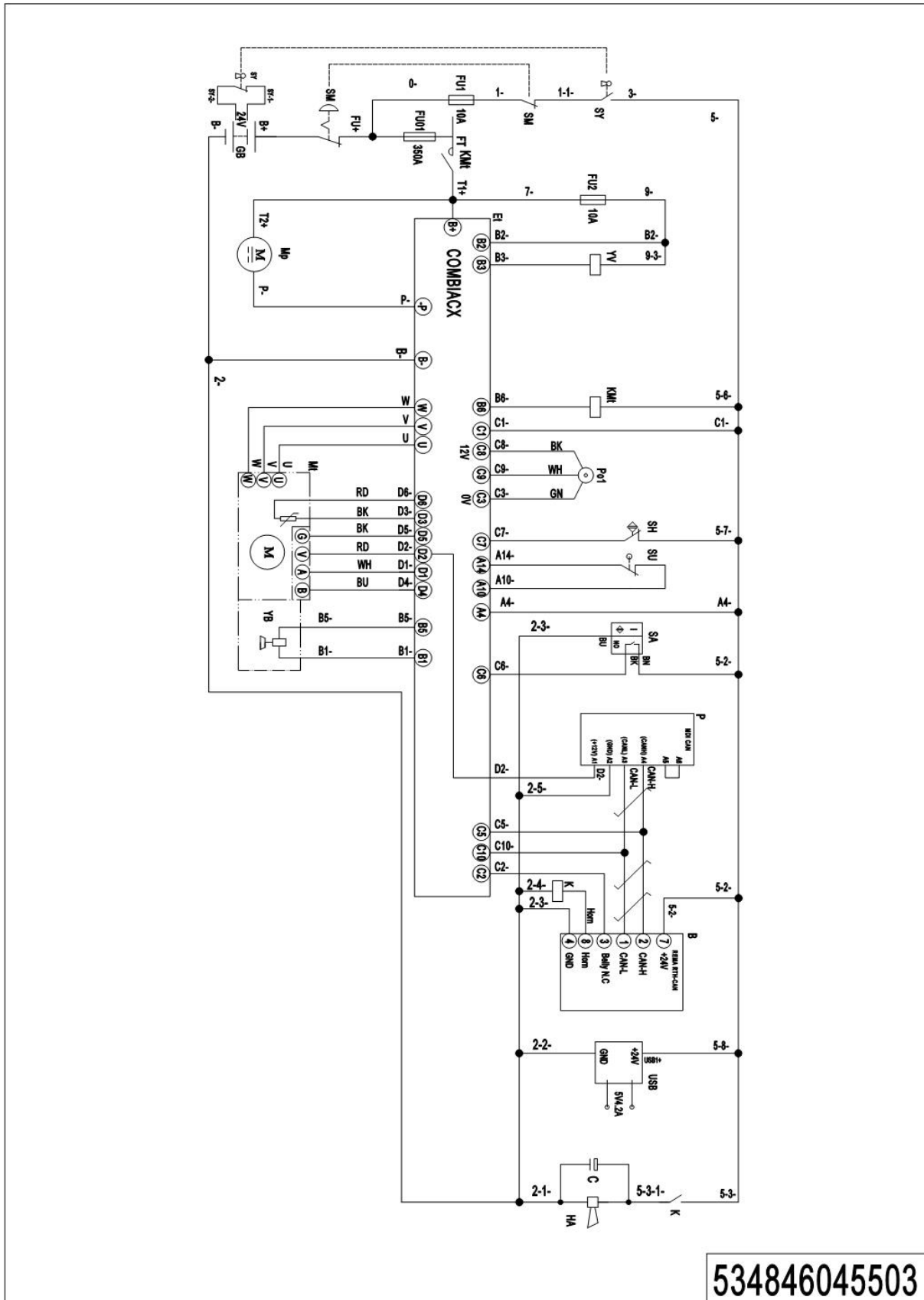
01 Electrical Circuit Diagram (534846045501)



02 Electrical Circuit Diagram (Side-shift)(534846045502)

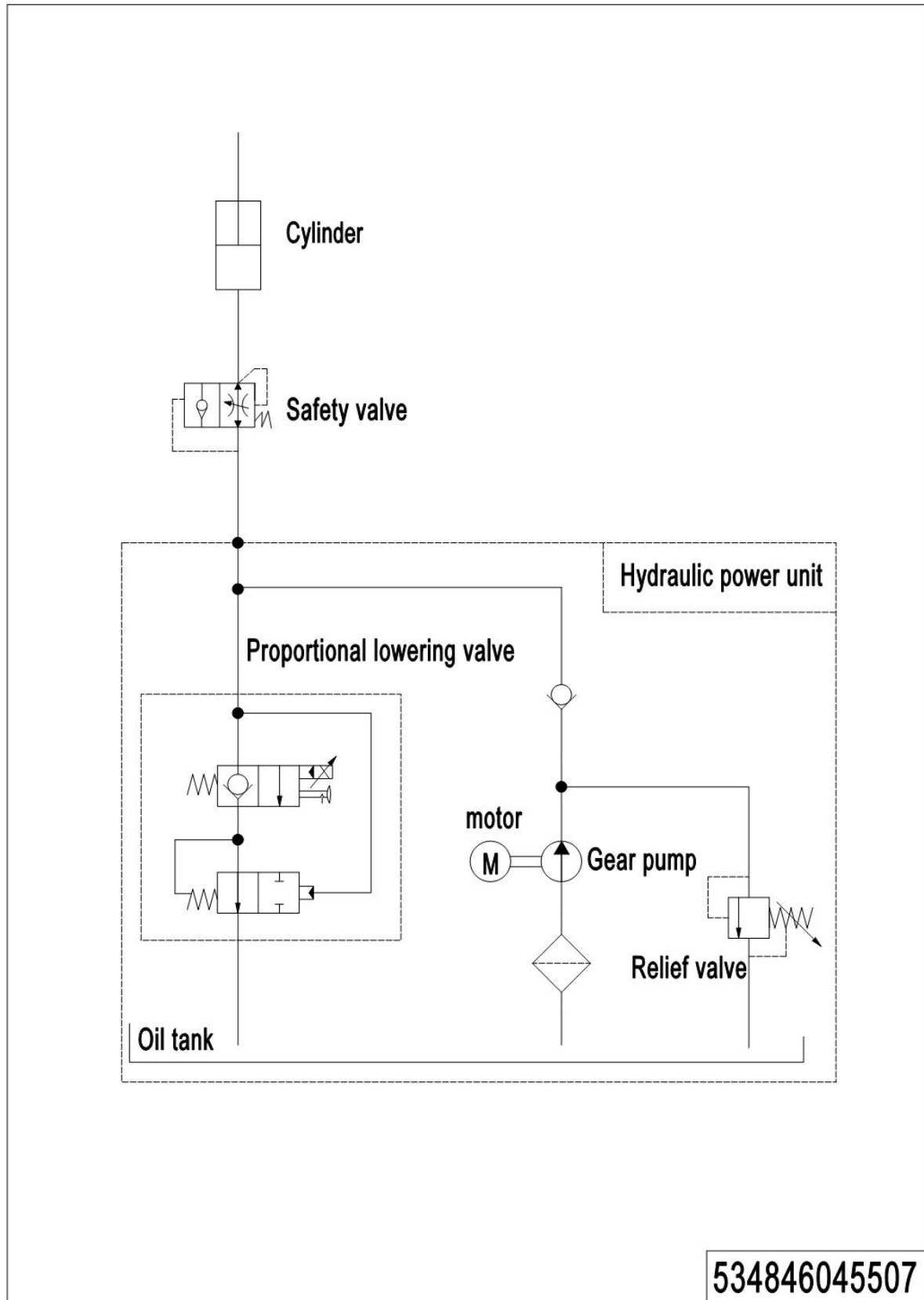


03 Electrical Circuit Diagram(Li) (534846045503)

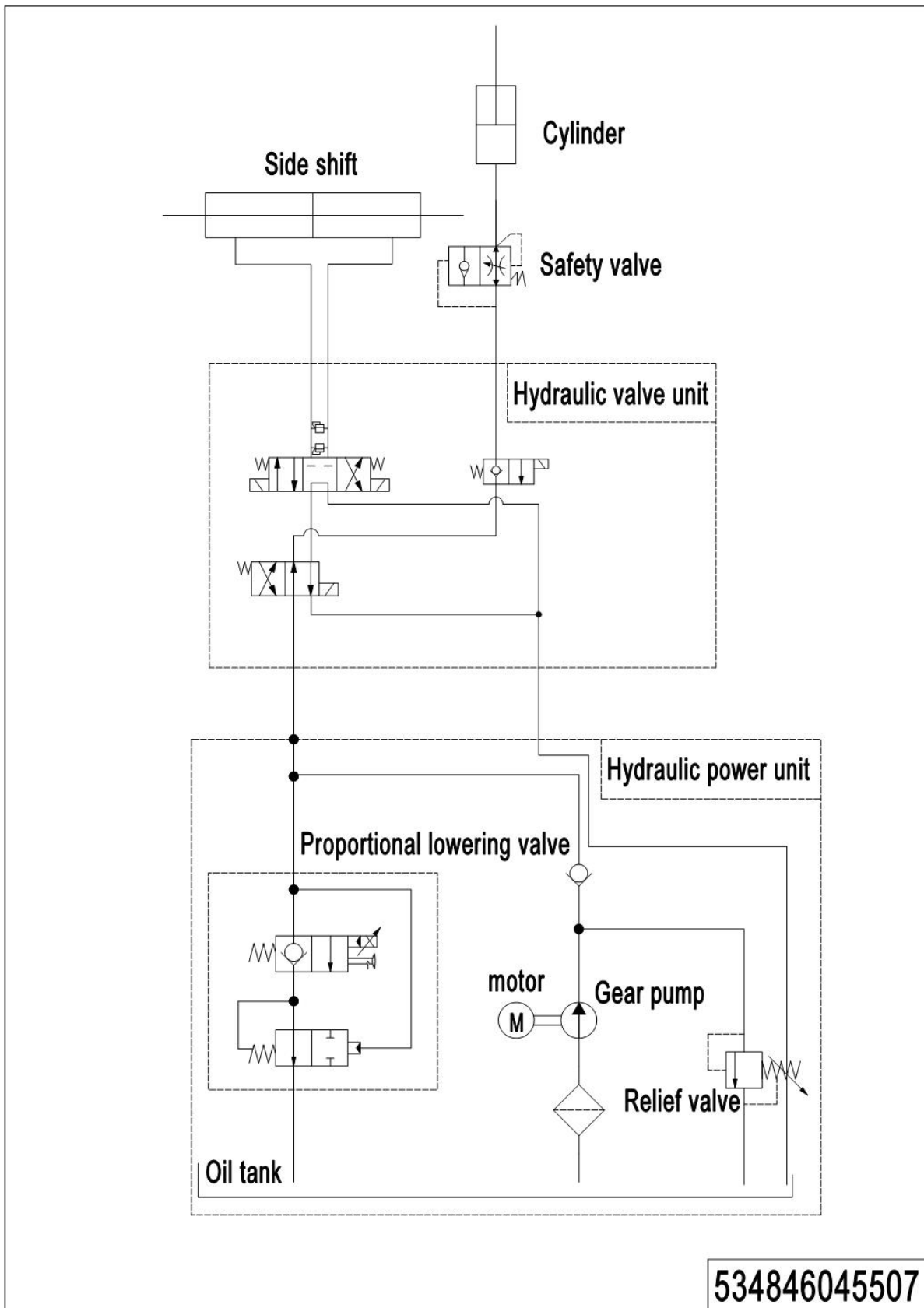




05 Hydraulic Circuit Diagram (534846045507)



06 Hydraulic Circuit Diagram (Side-shift)(534846045508)



07 Consumable Parts List

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	534798520026	Carbon Brush	1	Chapter 2/03/2
2	534798510002	Seal Accessories	2	Chapter 4/01/18.01
3	534798510003	Seal Accessories	1	Chapter 4/01/44.01
4	534798510005	Seal Accessories	2	Chapter 4/02/16.01 Chapter 4/03/16.01
5	534798510000	Seal Accessories	2	Chapter 4/04/29.01
6	534798510001	Seal Accessories	1	Chapter 4/04/48.01
7	534798510000	Seal Accessories	2	Chapter 4/05/37.01
8	534798510001	Seal Accessories	1	Chapter 4/05/64.01
9	534798510004	Seal Accessories	2	Chapter 4/06/20.01
10	940400100011	Gas Spring	1	Chapter 5/01/9
11	910700200019	Bearing	12	Chapter 5/04/4.01 Chapter 5/05/18.02
12	940300300009	Wheel $\Phi 84 \times 70$	4	Chapter 5/04/4.02
13	940300300018	Wheel $\Phi 100 \times 40$	2	Chapter 5/04/18.01
14	910700500002	Bearing	2	Chapter 5/04/6
15	920100100013	Fuse	1	Chapter 6/01/14 Chapter 6/02/14
16	920100200002	Fuse	2	Chapter 6/01/17 Chapter 6/02/17