

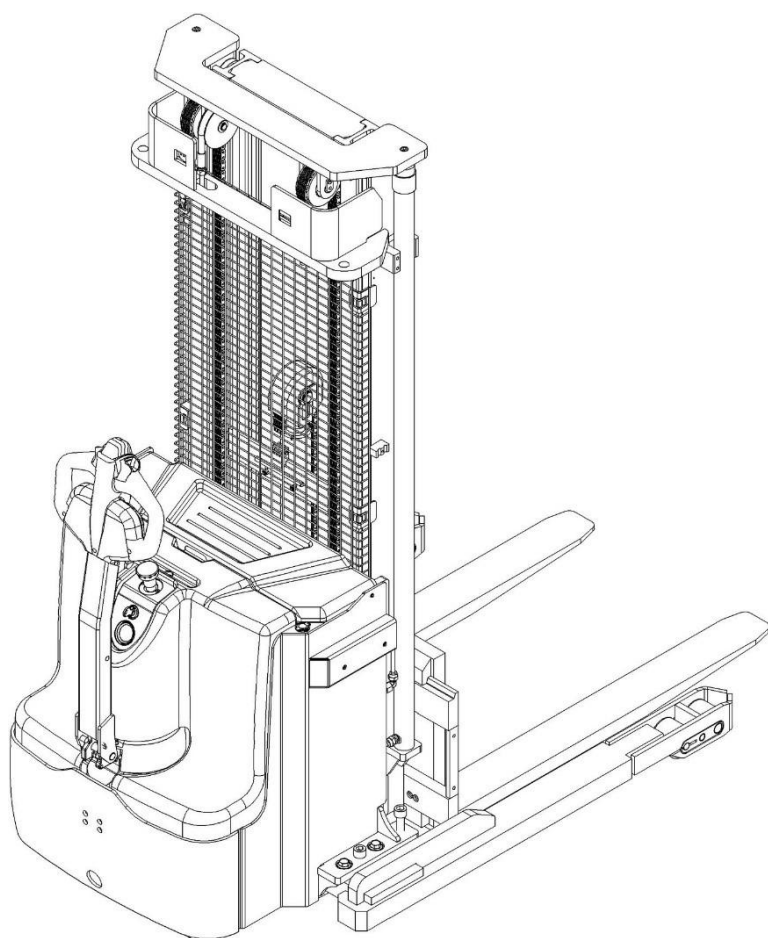
Print Number:

Print Date:

Electric Pallet Stacker PS18TSL

PARTS MANUAL

535146020107



Version: V07

Truck Identification Number From:

Parts Manual PS18TSL-PM07EN

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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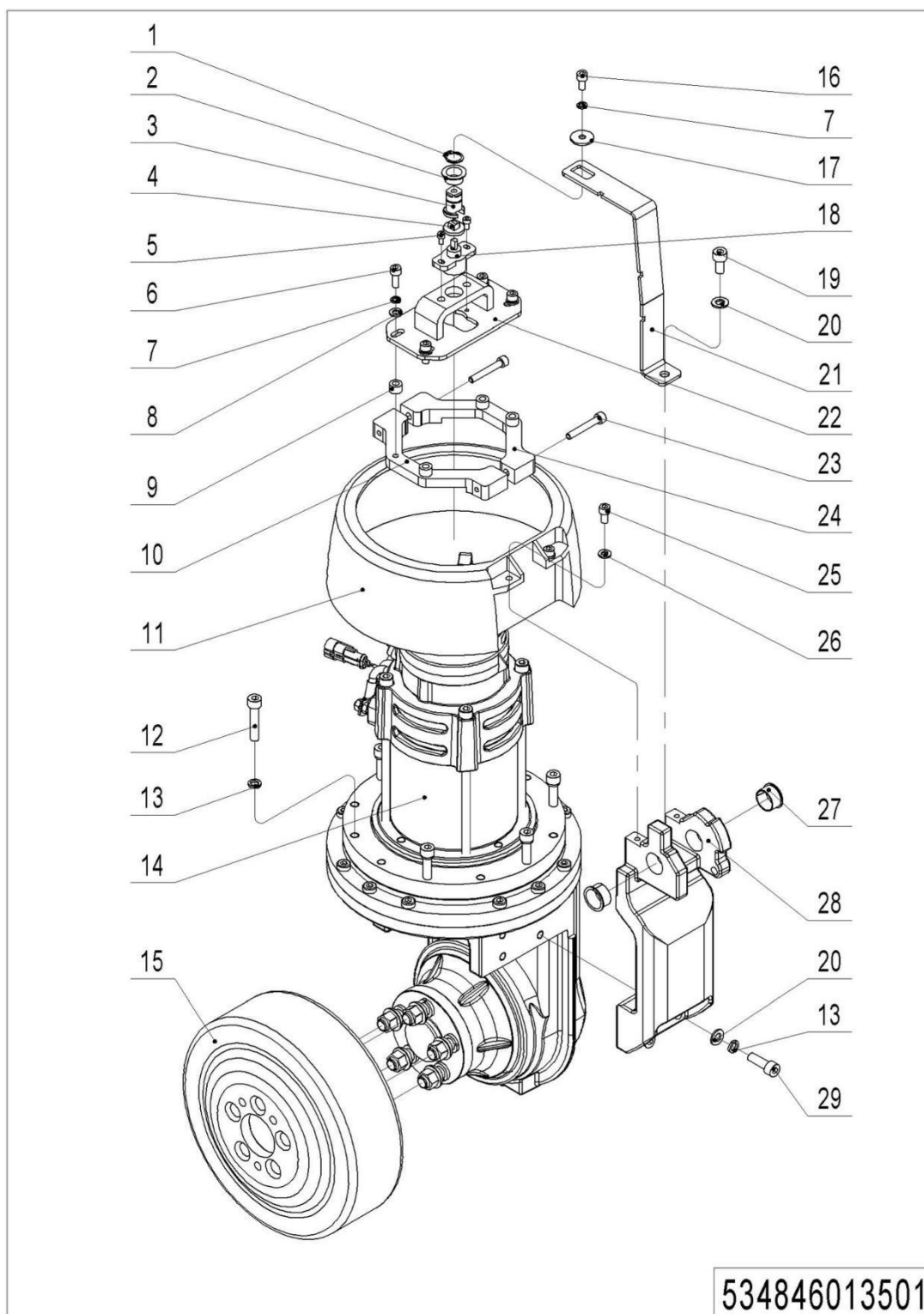
Table of Contents

Chapter 1: Drive System.....	5
01 Drive Unit (534846013501).....	5
02 Drive Assembly (535946013502).....	7
Chapter 2: Hydraulic System.....	9
01 Hydraulic Components (Double Mast) (535146024001)	9
02 Hydraulic Components (Double Mast,Side-shift) (535146024002).....	11
02 Hydraulic Components (Double Mast,Side-shift) (535146024002)Continuation.....	13
03 Hydraulic Components (TX+FFL) (535146024003)	15
04 Hydraulic Components (TX+FFL,Side-shift) (535146024004).....	17
04 Hydraulic Components (TX+FFL,Side-shift) (535146024004)Continuation	19
05 Hydraulic Components (TX) (535146024005).....	21
06 Hydraulic Unit (VIBO,3.2KW) (534746023502).....	23
07 Hydraulic Unit (HPI,3.2KW) (534746023503)	25
Chapter 3: Truck Frame	27
01 Chassis (534846021501).....	27
01 Chassis (534846021501)Continuation.....	29
02 Fork Carriage (535146038001)	31
Chapter 4: Mast System.....	33
01 Two-stage mast full free lift (535146043501)	33
01 Two-stage mast full free lift (535146043501)Continuation1	35
01 Two-stage mast full free lift (535146043501)Continuation2	37
02 Two-stage Mast Standard Lift (535146044001)	39
02 Two-stage Mast Standard Lift (535146044001)Continuation	41
03 Two-stage Mast Standard Lift (Side-shift) (535146044002).....	43
03 Two-stage Mast Standard Lift (Side-shift) (535146044002)Continuation1	45
03 Two-stage Mast Standard Lift (Side-shift) (535146044002)Continuation2	47
04 Triple Mast Full Free Lift (535146044501).....	49
04 Triple Mast Full Free Lift (535146044501)Continuation1	51
04 Triple Mast Full Free Lift (535146044501)Continuation2.....	53
05 Triple Mast Full Free Lift (Side-shift) (535146044502)	55
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation1.....	57
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation2.....	59
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation3.....	61
06 Triple Mast Standard Lift (535146045001).....	63
06 Triple Mast Standard Lift (535146045001)Continuation	65
Chapter 5: Steering System, Braking System, Wheels	67
01 Tiller Unit (504446011001)	67
02 Tiller (REMA)(505646010002).....	69
03 Tiller (DT) (505646010003).....	71
04 Load Wheel(534746017001)	73
05 Caster(534846016501).....	75
Chapter 6: Electrical Parts	77

01 Wire Harness (534846033001)	77
02 Wire Harness (Side-shift) (534846033002)	79
03 Charger (534846036501)	81
04 Charger(Li) (534846036501)	83
05 Traction Battery (534746037001)	85
06 Traction Battery (Li) (534846037001)	87
07 Display Assembly (534846010001)	89
Chapter 7: Special Parts	91
01 Load Backrest (Optional) (534846040501)	91
02 Load Backrest (Side-shift,Optional) (216546040501)	93
03 Side-shifter (216546042501)	95
Chapter 8: Others	97
01 Label and Decal (EU) (535146047001)	97
02 Label and Decal (USA)(535146047003)	99
Appendix	101
01 Electrical Circuit Diagram (534846045501)	101
02 Electrical Circuit Diagram (Side-shift) (534846045502)	102
03 Electrical Circuit Diagram(Li) (534846045503)	103
04 Electrical Circuit Diagram (Side-shift,Li)(534846045504)	104
05 Hydraulic Circuit Diagram (534846045507)	105
06 Hydraulic Circuit Diagram (Side-shift) (534846045508)	106
07 Consumable Parts List	107

Chapter 1: Drive System

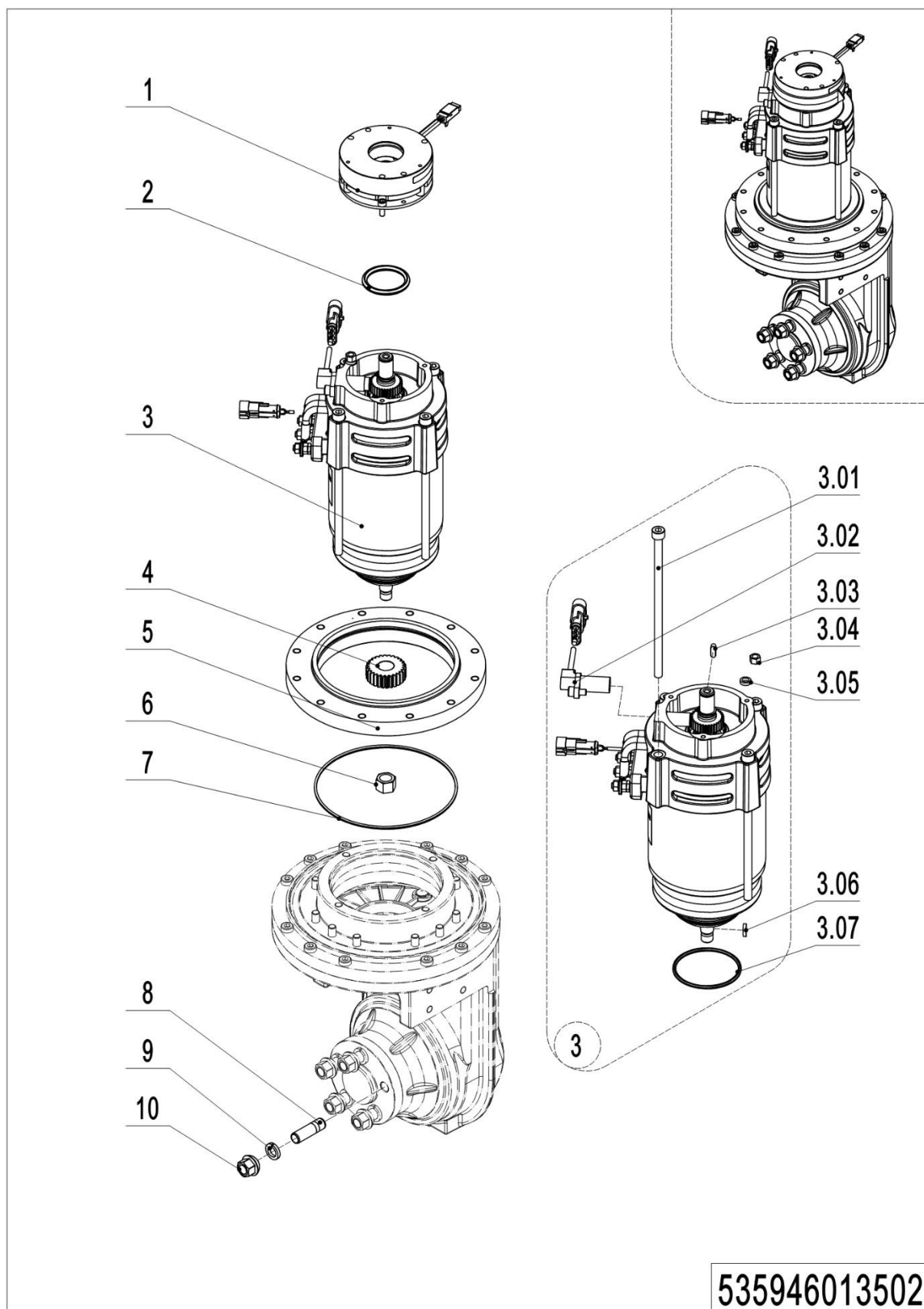
01 Drive Unit (534846013501)



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)

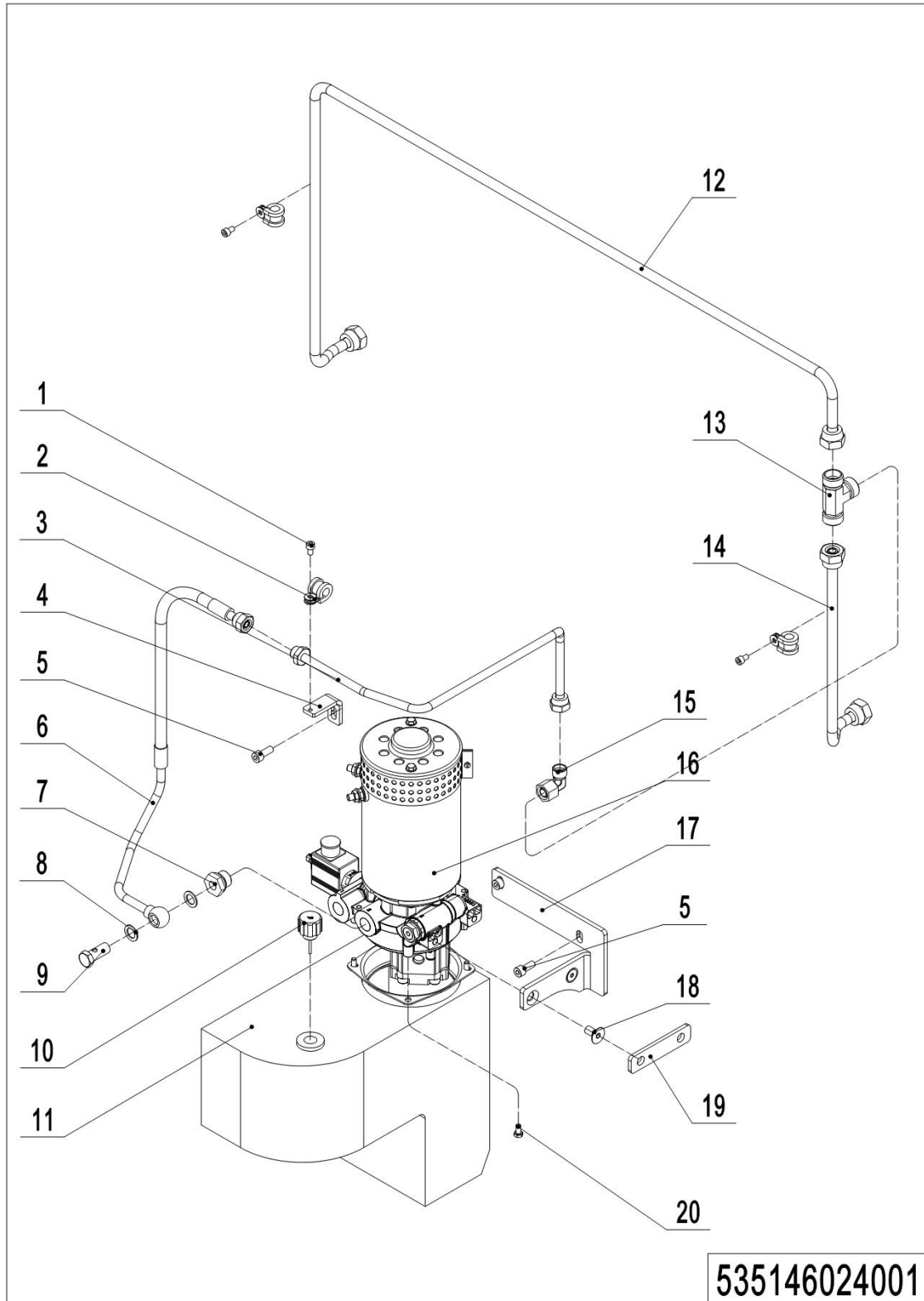


02 Drive Assembly (535946013502)

No.	Item Code	Mark	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

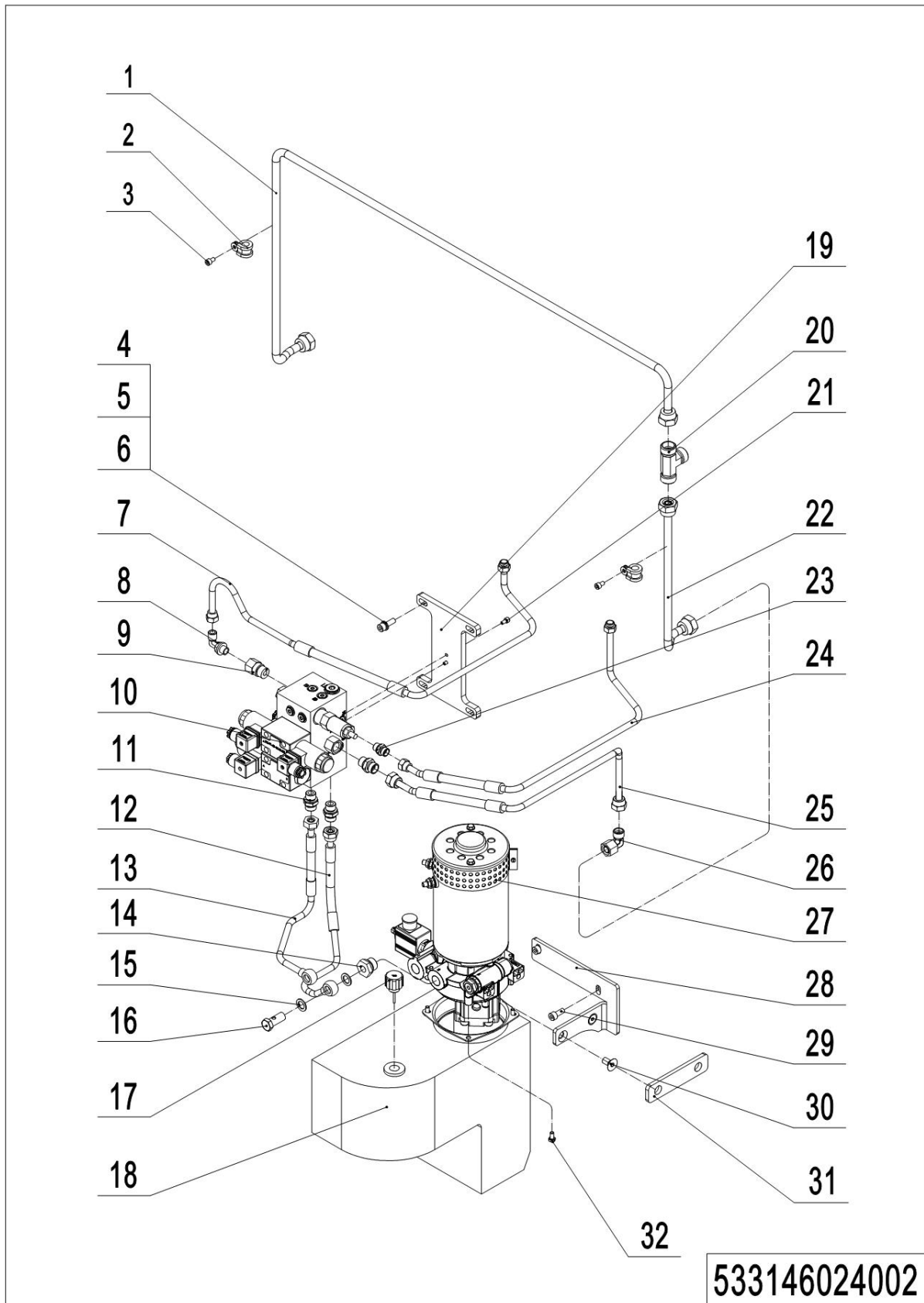
01 Hydraulic Components (Double Mast) (535146024001)



01 Hydraulic Components (Double Mast)(535146024001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200035	1	Screw M6x16	3		
2	951000100001	1	Hose Clamp	3		
3	535124010004	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	535124010003	2	Hydraulic Steel Pipe	1		
13	950400700002		T-connector	1		
14	535024010002	2	Hydraulic Steel Pipe	1		
15	950400200003		Joint	1		
16	-----		Hydraulic Unit	1		Check534746023501
16	-----		Hydraulic 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		

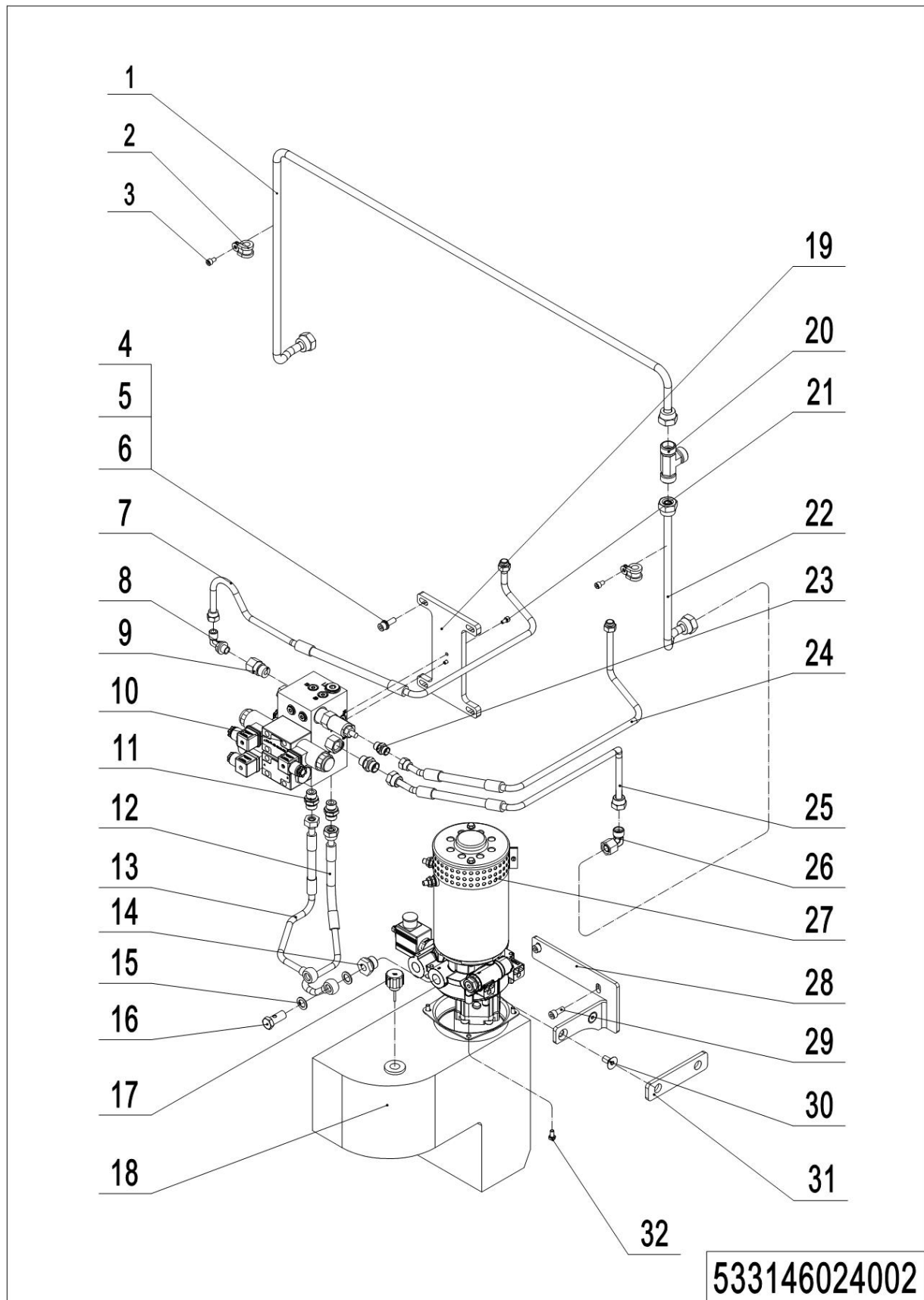
02 Hydraulic Components (Double Mast,Side-shift) (535146024002)



02 Hydraulic Components (Double Mast,Side-shift)(535146024002)

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	535124010003	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	535124010000	2	Hose Assembly	1		
8	950401100002		Adapter	1		
9	950401200003		Adapter	1		
10	950600100014		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	534824020000	2	Mounting Plate	1		
20	950400700002		T-connector	1		
21	910200200021	1	Screw M5x10	2		
22	535024010002	2	Hydraulic Steel Pipe	1		
23	950400300004		Adapter	1		
24	535124010001	2	Hose Assembly	1		
25	535124010002	2	Hose Assembly	1		
26	950400200003		Joint	1		
27	-----		Hydraulic Unit	1		Check534746023501
27	-----		Hydraulic Unit	1		Check534746023502
28	534824020001	2	Fixed Plate	1		

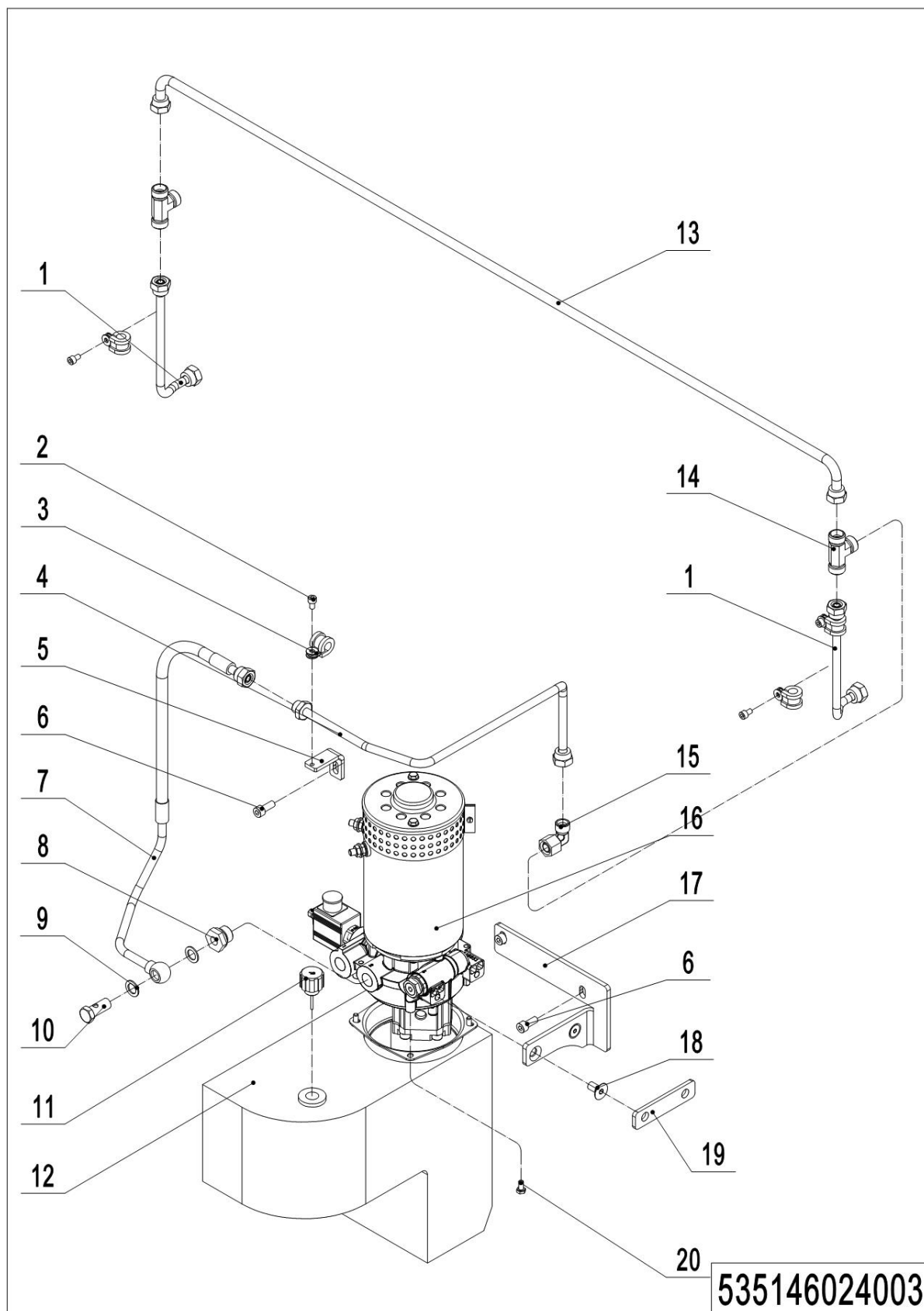
02 Hydraulic Components (Double Mast,Side-shift) (535146024002)Continuation



02 Hydraulic Components (Double Mast,Side-shift) (535146024002)Continuation

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

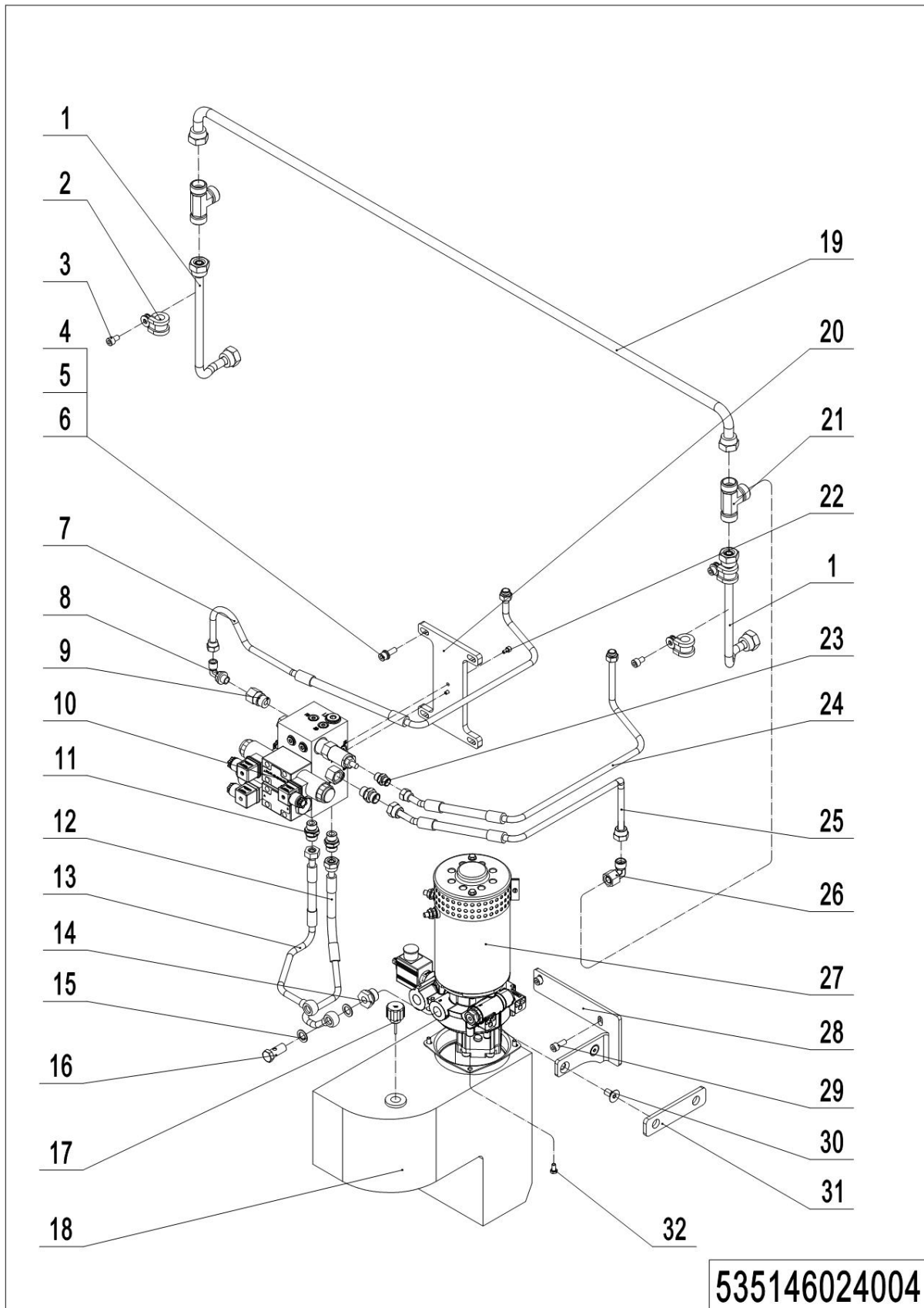
03 Hydraulic Components (TX+FFL) (535146024003)



03 Hydraulic Components (TX+FFL)(535146024003)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	535024010002	2	Hydraulic Steel Pipe	2		
2	910200200035	1	Screw M6x16	3		
3	951000100001	1	Hose Clamp	3		
4	535124010004	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	535024010000	2	Steel Pipe	1		
14	950400700002		T-connector	2		
15	950400200003		Joint	1		
16	-----		Hydraulic Unit	1		Check534746023501
16	-----		Hydraulic 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		

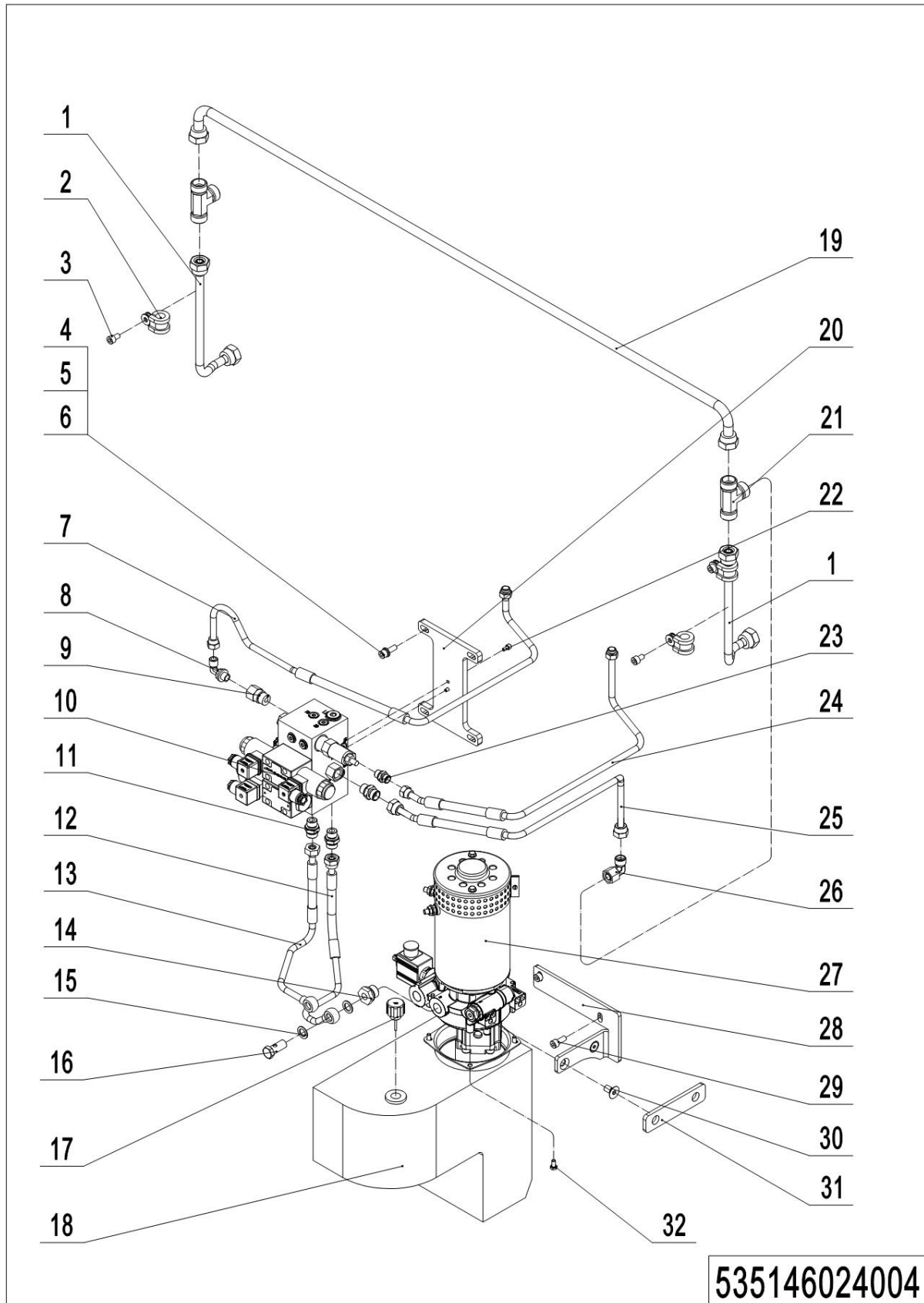
04 Hydraulic Components (TX+FFL,Side-shift) (535146024004)



04 Hydraulic Components (TX+FLL,Side-shift)(535146024004)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	535024010002	2	Hydraulic Steel Pipe	2		
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	535124010000	2	Hose Assembly	1		
8	950401100002		Adapter	1		
9	950401200003		Adapter	1		
10	950600100014		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	535024010000	2	Steel Pipe	1		
20	534824020000	2	Mounting Plate	1		
21	950400700002		T-connector	2		
22	910200200021	1	Screw M5x10	2		
23	950400300004		Adapter	1		
24	535124010001	2	Hose Assembly	1		
25	535124010002	2	Hose Assembly	1		
26	950400200003		Joint	1		
27	-----		Hydraulic Unit	1		Check534746023501
27	-----		Hydraulic Unit	1		Check534746023502
28	534824020001	2	Fixed Plate	1		

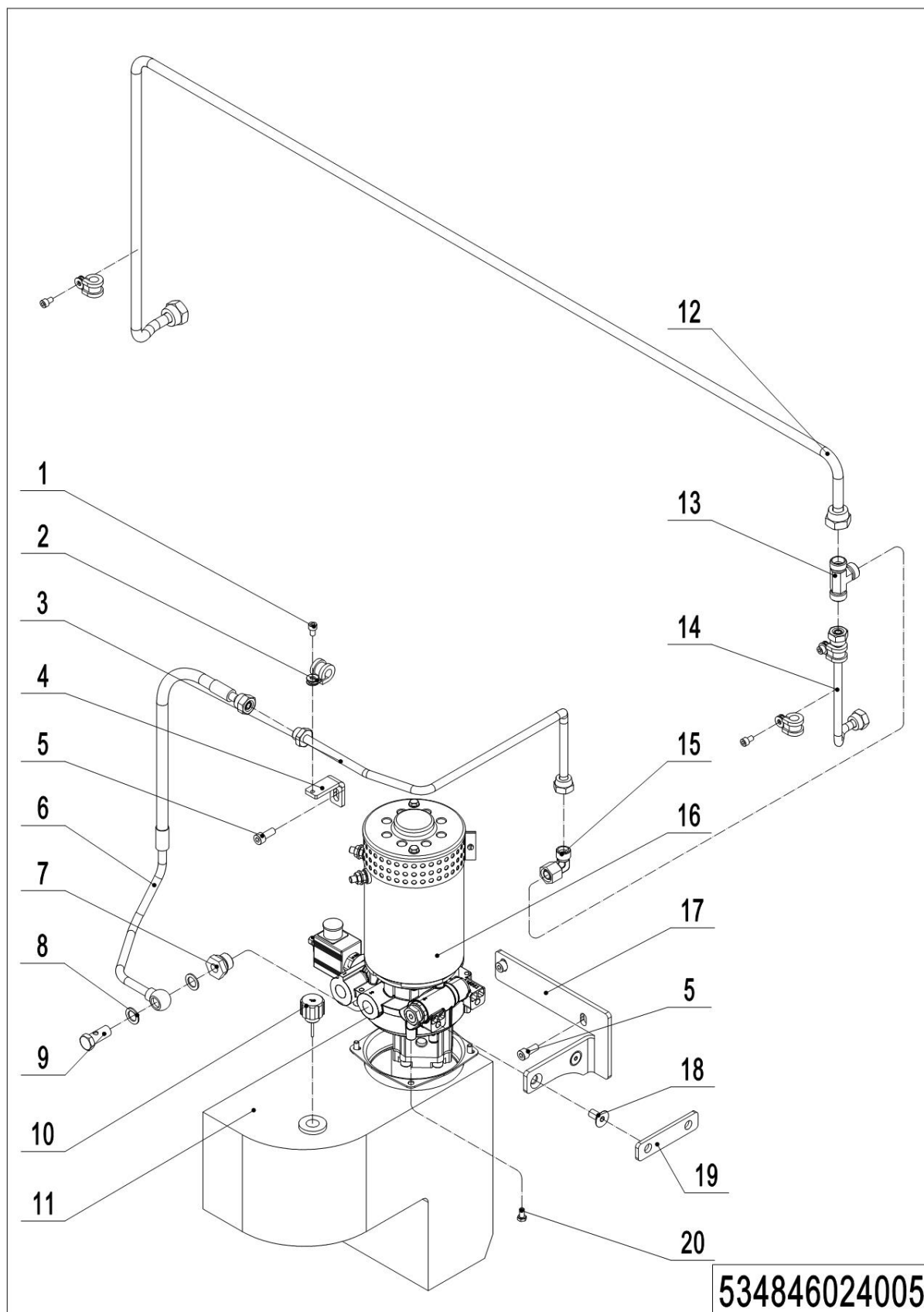
04 Hydraulic Components (TX+FFL,Side-shift) (535146024004)Continuation



04 Hydraulic Components (TX+FFL,Side-shift) (535146024004)Continuation

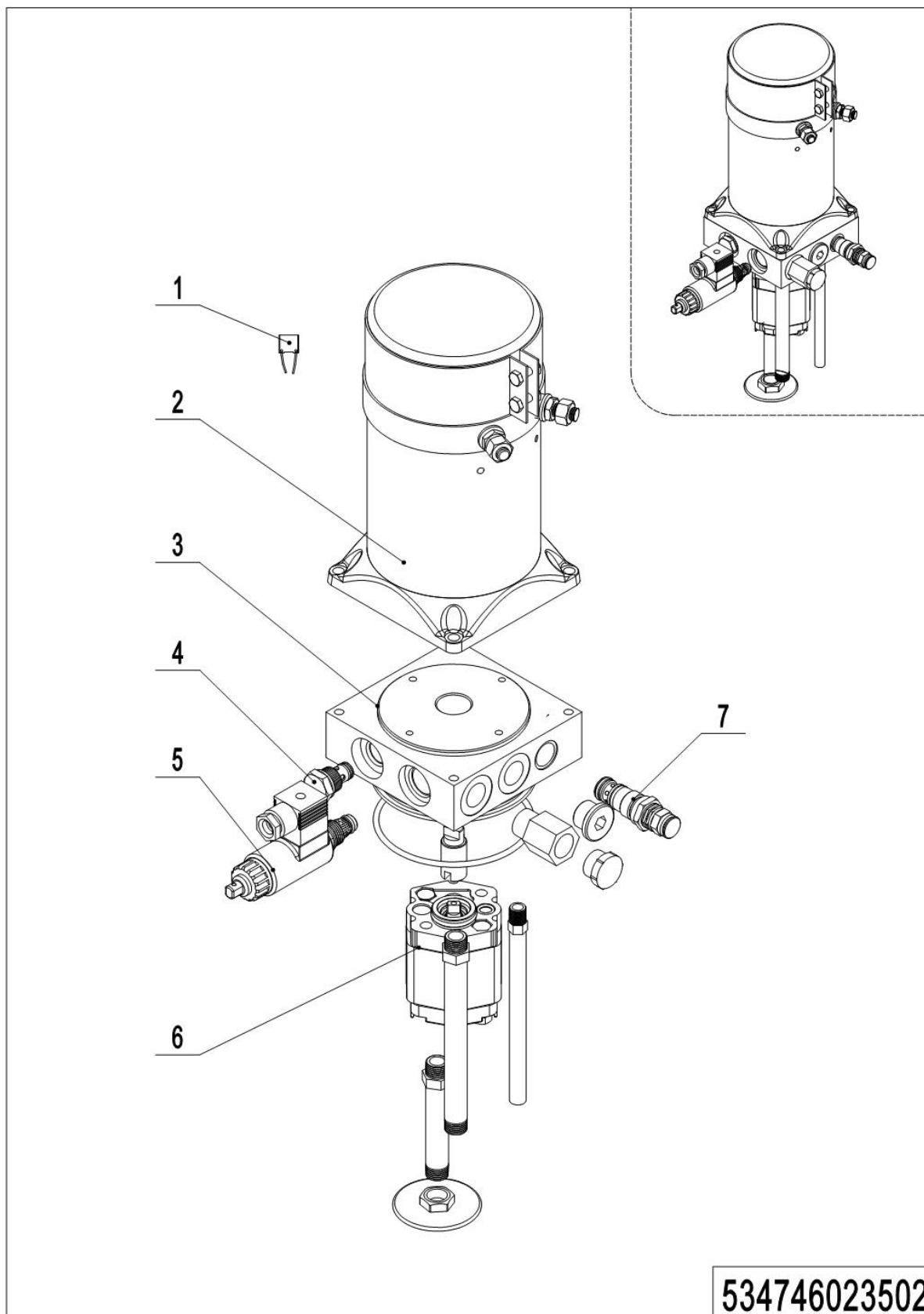
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
29	910200200057	1	Screw M8x20	2		
30	910200400035	1	Screw M10x20	2		
31	534823520001		Subplate	1		Only VIBO
32	910100300009	1	Bolt M6x12	4		

05 Hydraulic Components (TX) (535146024005)



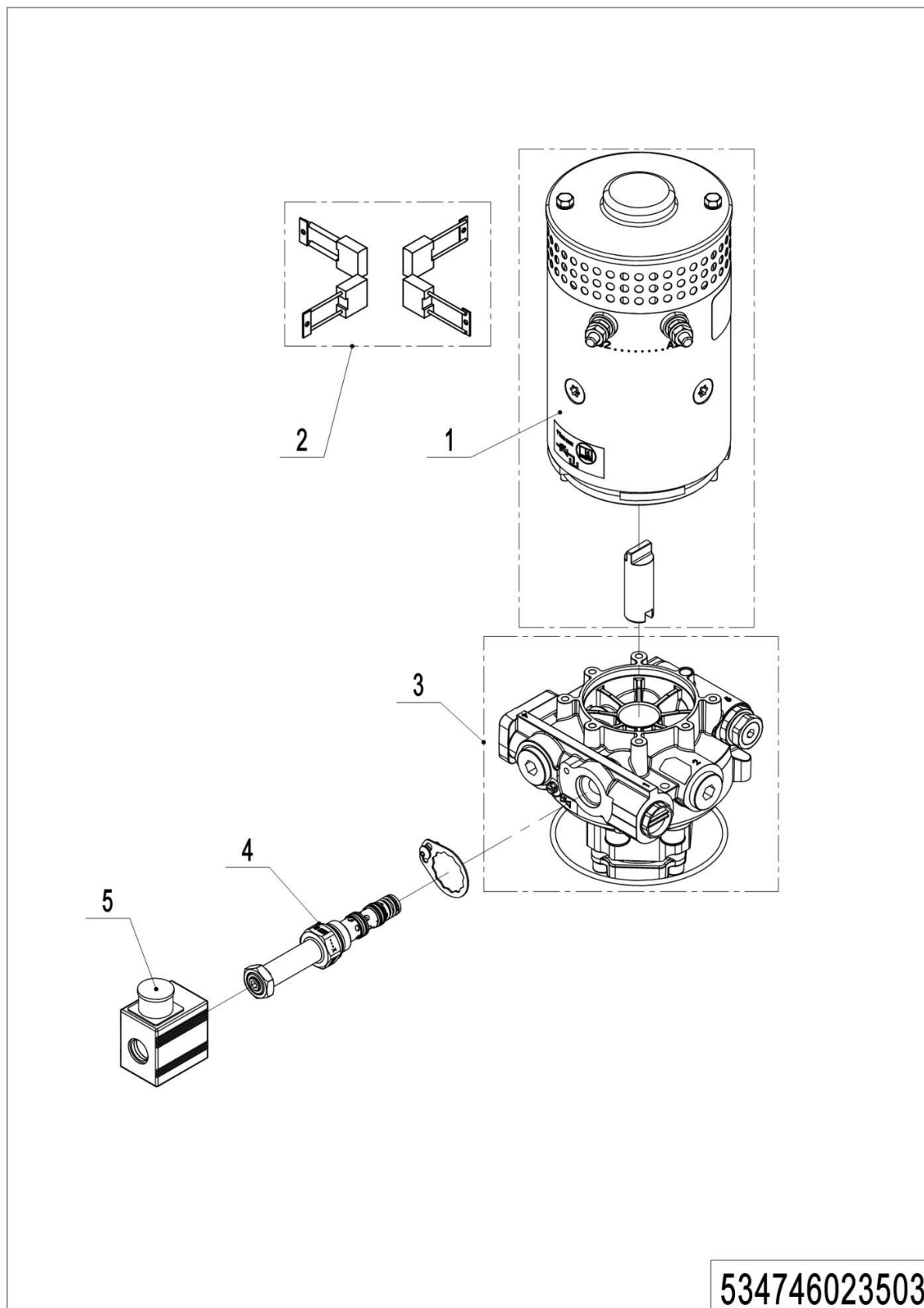
05 Hydraulic Components (TX)(535146024005)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200035	1	Screw M6x16	3		
2	951000100001	1	Hose Clamp	3		
3	535124010004	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	535124010003	2	Hydraulic Steel Pipe	1		
13	950400700002		T-connector	1		
14	535024010002	2	Hydraulic Steel Pipe	1		
15	950400200003		Joint	1		
16	-----		Hydraulic Unit	1		Check534746023501
16	-----		Hydraulic 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		

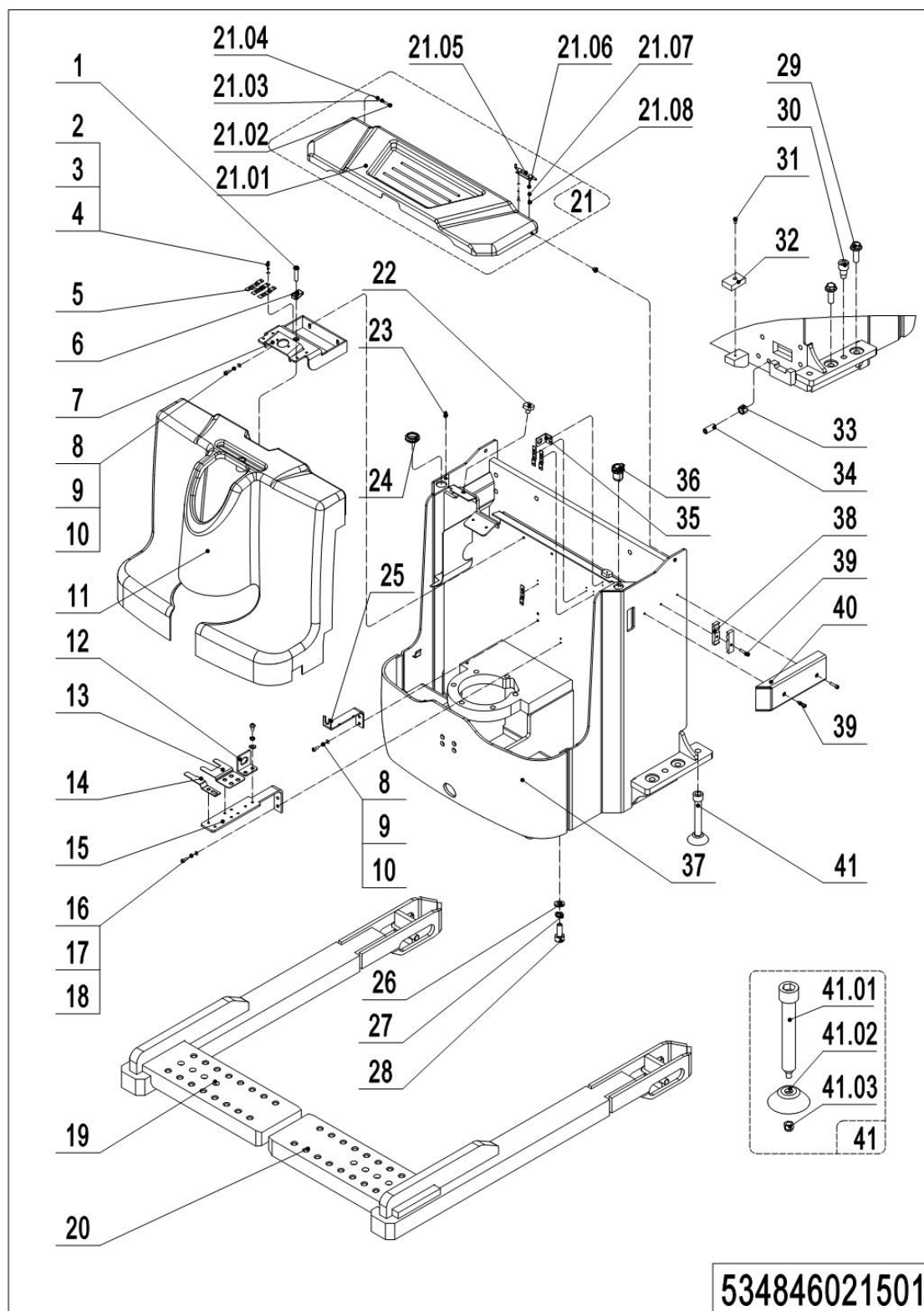
07 Hydraulic Unit (HPI,3.2KW) (534746023503)

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

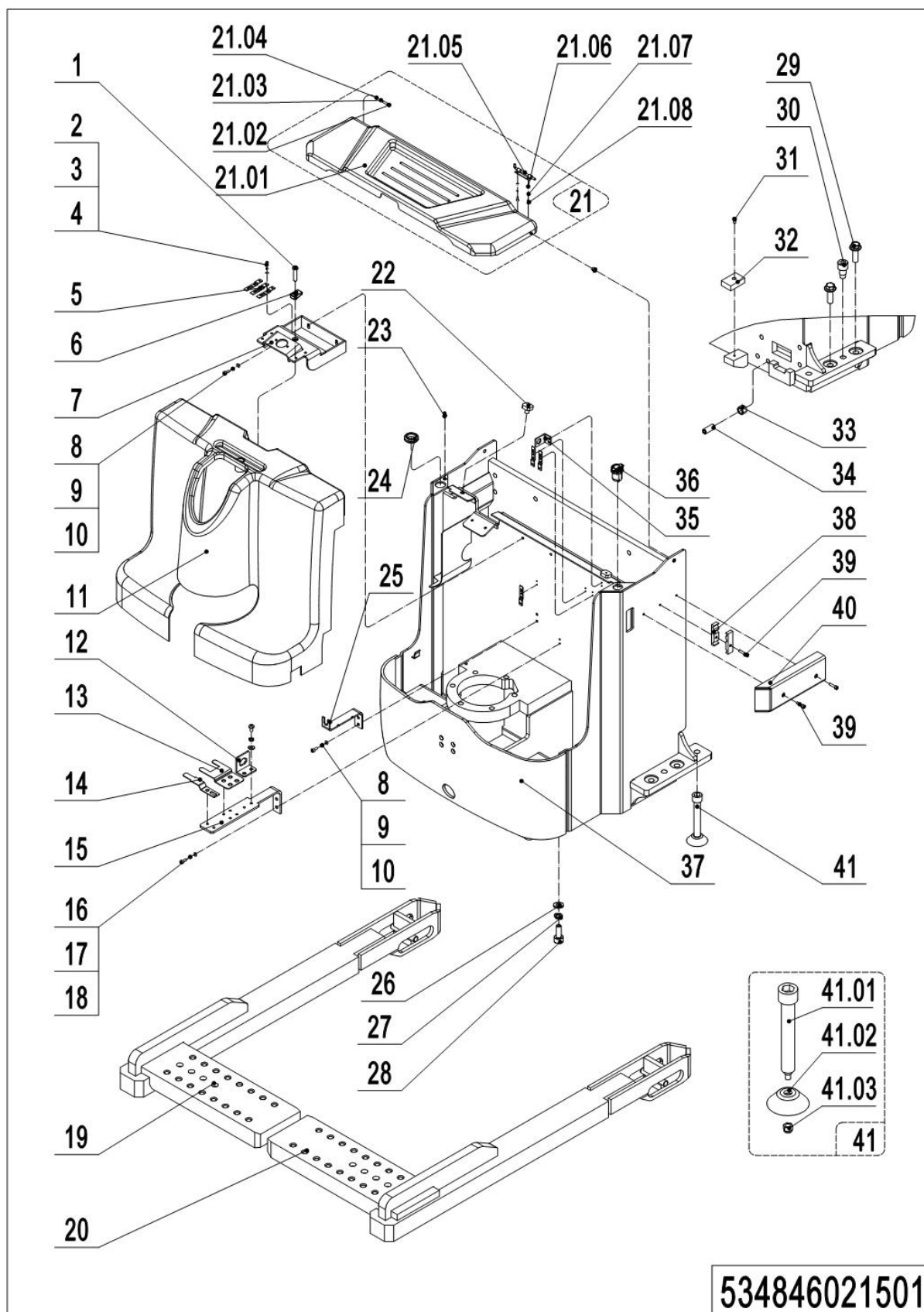
01 Chassis (534846021501)



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		

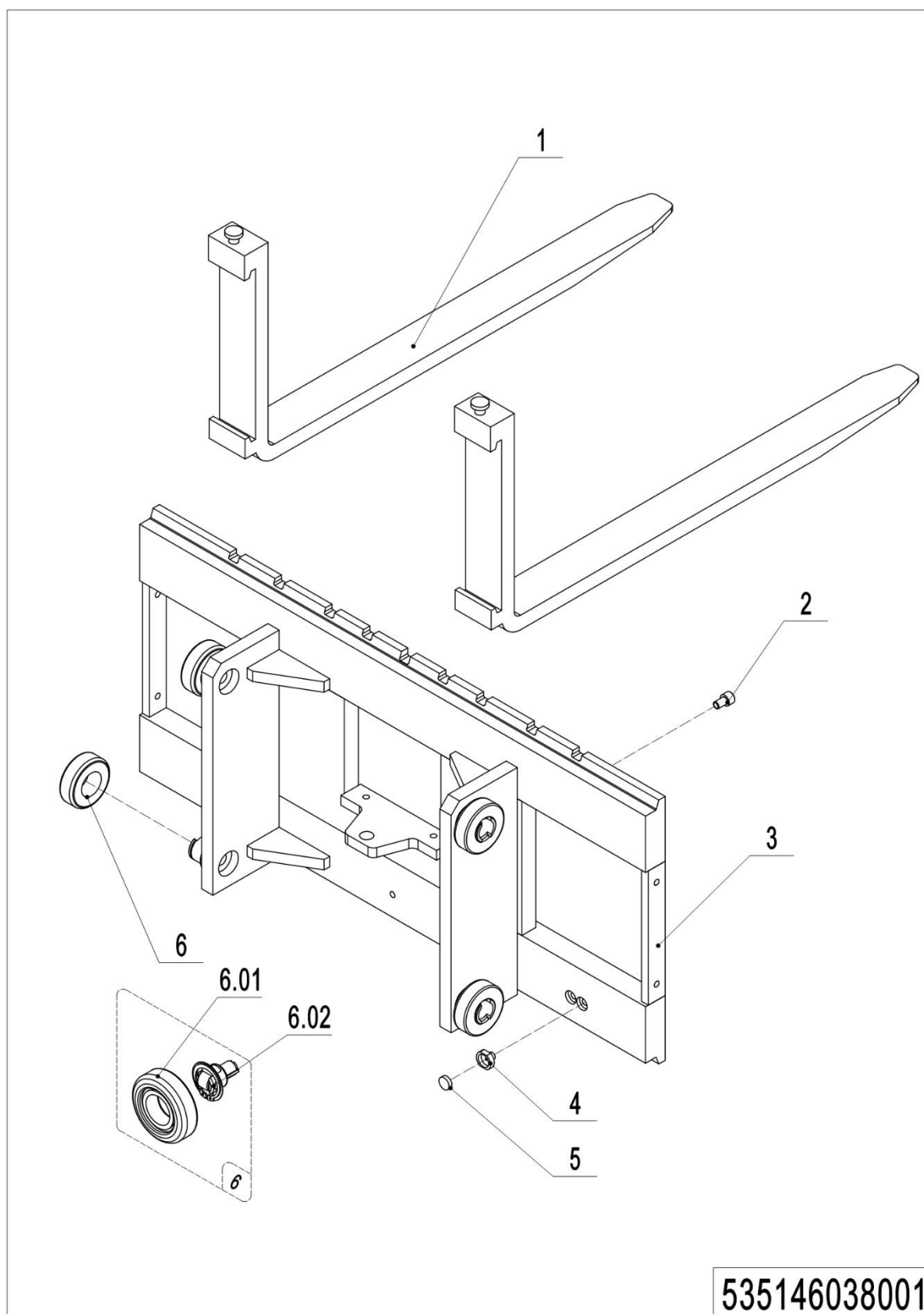
01 Chassis (534846021501)Continuation



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		
36	506733010066		USB Kits	1		Type-C
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		

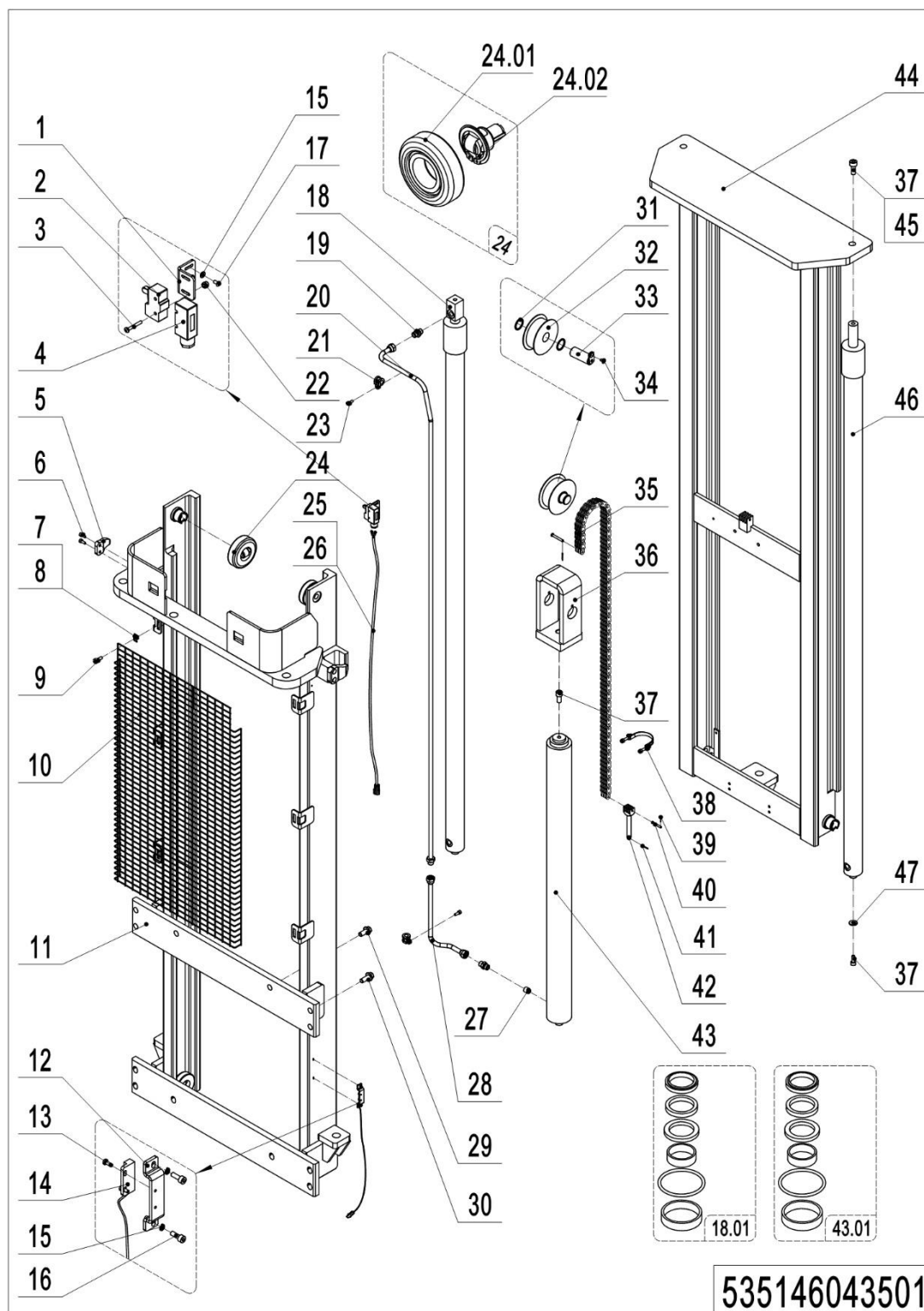
02 Fork Carriage (535146038001)

02 Fork Carriage(535146038001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	940100100067		Fork 100x40x1150(2T)	2		
2	910200200074		Screw M10x16	3		
3	535138010000	2	Fork Bracket	1		Two-stage mast
3	535138010001	2	Fork Bracket	1		Triple mast
4	940600200001		Mounting Base	1		
5	940600100001		Magnetic Steel	1		
6	940200300020		Compound Roller	4		
6.01	940200100005		Main Roller	4		
6.02	940200900004		Side Roller Kits	4		

Chapter 4: Mast System

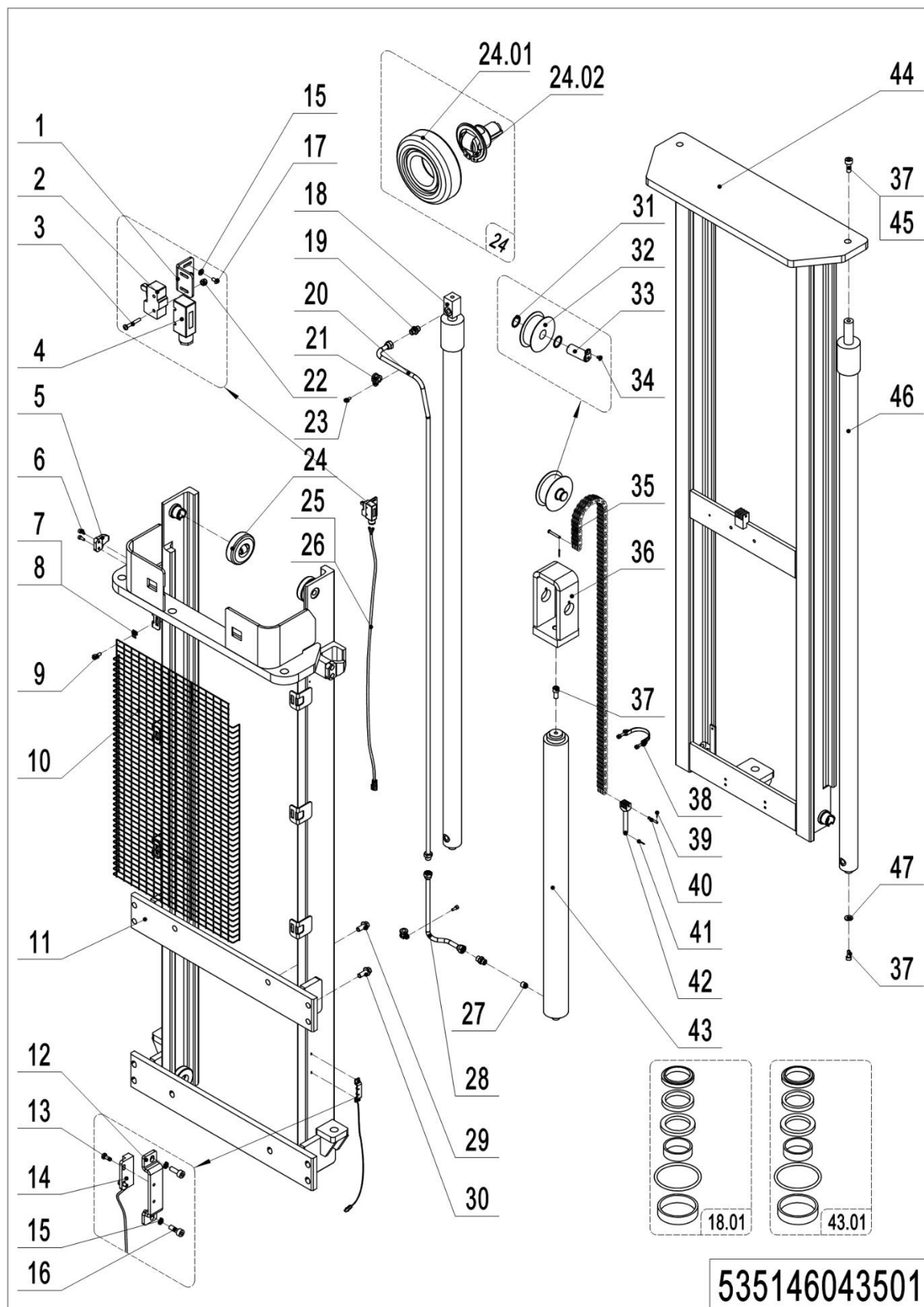
01 Two-stage mast full free lift (535146043501)



01 Two-stage mast full free lift(535146043501)

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	275044020076		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	535044020025	2	Guard Frame	1		2700
10	535044020024	2	Guard Frame	1		2900
10	535044020021	2	Guard Frame	1		3200
10	535044020023	2	Guard Frame	1		3600
11	535143510003	2	Outer Mast(2700)	1		
11	535143510002	2	Outer Mast(2900)	1		
11	535143510001	2	Outer Mast(3200)	1		
11	535143510000	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	535043510003	2	Cylinder	1		2700
18	535043510002	2	Cylinder	1		2900
18	535043510001	2	Cylinder	1		3200
18	535043510000	2	Cylinder	1		3600
18.01	535098510002	1	Seal Accessories	2		Also for cylinder47
19	950400400003		Adapter	3		

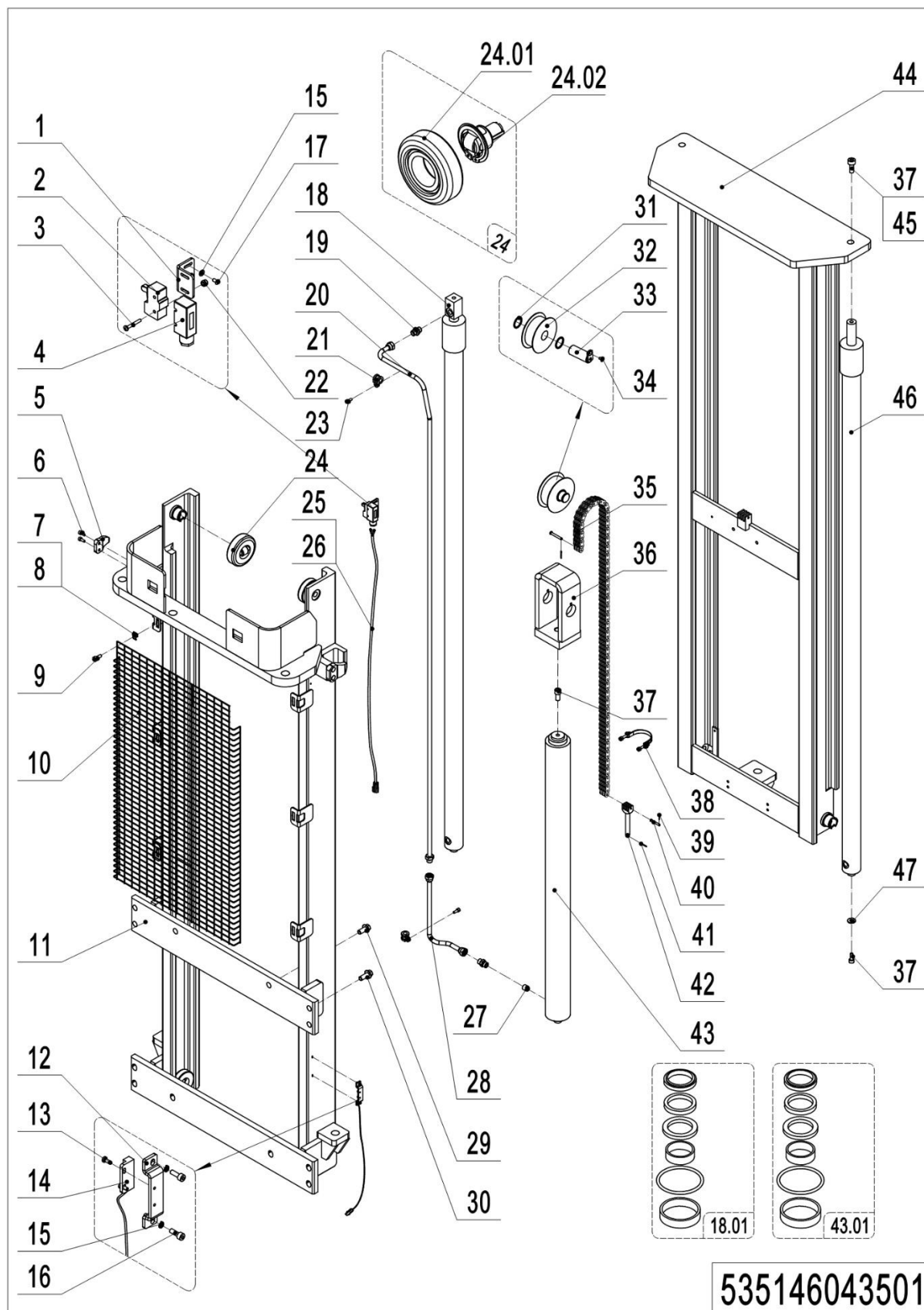
01 Two-stage mast full free lift (535146043501)Continuation1



01 Two-stage mast full free lift (535146043501)Continuation1

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
20	535043510035	2	Hydraulic Steel Pipe	1		
21	951000100001	1	Hose Clamp	2		
22	910300500001	1	Nut	2		
23	910200200035	1	Screw M6x16	2		
24	940200300020		Compound Roller	4		
24.01	940200100005		Main Roller	4		
24.01	940200900004		Side Roller Kits	4		
25	534833510001	2	Wire Harness	1		2700
25	534733010015	2	Wire Harness	1		2900
25	535133510001	2	Wire Harness	1		3200
25	535133510002	2	Wire Harness	1		3600
26	921600400003	1	Cable Tie	5		
27	950600300001		Safety Valve	2		
28	535043510011	2	Hydraulic Steel Pipe	1		2700
28	535043510010	2	Hydraulic Steel Pipe	1		2900
28	535043510009	2	Hydraulic Steel Pipe	1		3200
28	535043510008	2	Hydraulic Steel Pipe	1		3600
29	910100800005	1	Bolt M16x35	4		
30	910100800006	1	Bolt M16x40	8		
31	940600500008	1	Washer	6		
32	940200500011		Sprocket Bearing	1		
33	535045010008		Trunnion	1		
34	910200400016	1	Screw M6x12	1		
35	535043510025	2	Chain	1		2700
35	535043510024	2	Chain	1		2900
35	535043510023	2	Chain	1		3200
35	535043510022	2	Chain	1		3600
36	535043510034		Sprocket Base	1		
37	910200200097	1	Screw M12x25	5		

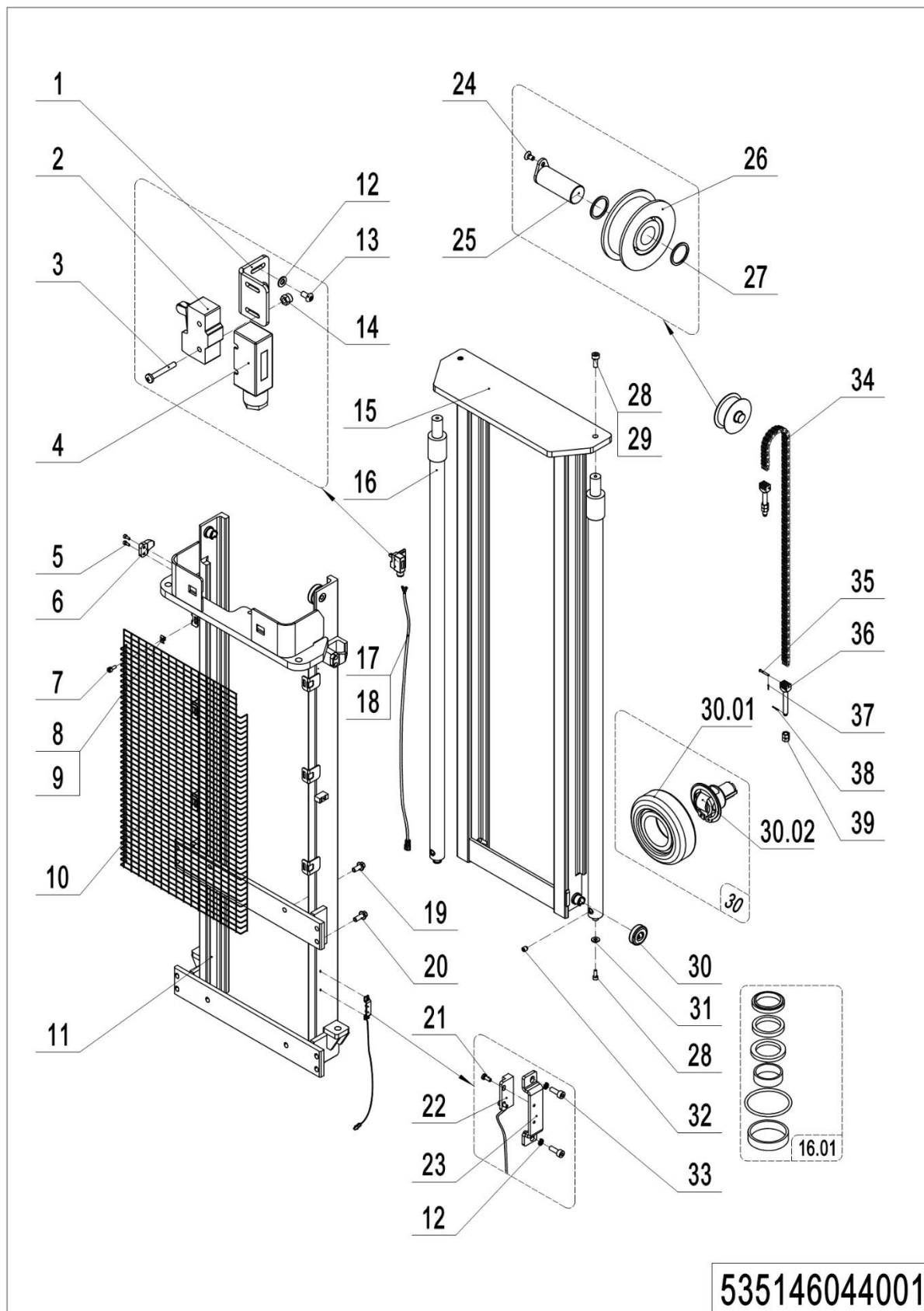
01 Two-stage mast full free lift (535146043501)Continuation2



01 Two-stage mast full free lift (535146043501)Continuation2

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
38	940800600002		Hug Hoop Kits	1		
39	910600600015	1	Cotter Pin	2		
40	941100800009	1	Pin Shaft	2		
41	910600600032	1	Cotter Pin	1		
42	535045020024		Chain Bolt	1		
43	535043510012	2	Cylinder	1		2700
43	534743510011	2	Cylinder	1		2900
43	534743510010	2	Cylinder	1		3200
43	534743510009	2	Cylinder	1		3600
43.01	534798510003	1	Seal Accessories	1		
44	535043510033	2	Inner Mast(2700)	1		
44	535043510032	2	Inner Mast(2900)	1		
44	535043510031	2	Inner Mast(3200)	1		
44	535043510030	2	Inner Mast(3600)	1		
45	910400500008	1	Spring Washer	2		
46	535043510007	2	Cylinder	1		2700
46	535043510006	2	Cylinder	1		2900
46	535043510005	2	Cylinder	1		3200
46	535043510004	2	Cylinder	1		3600
47	534744520015		Subplate	2		

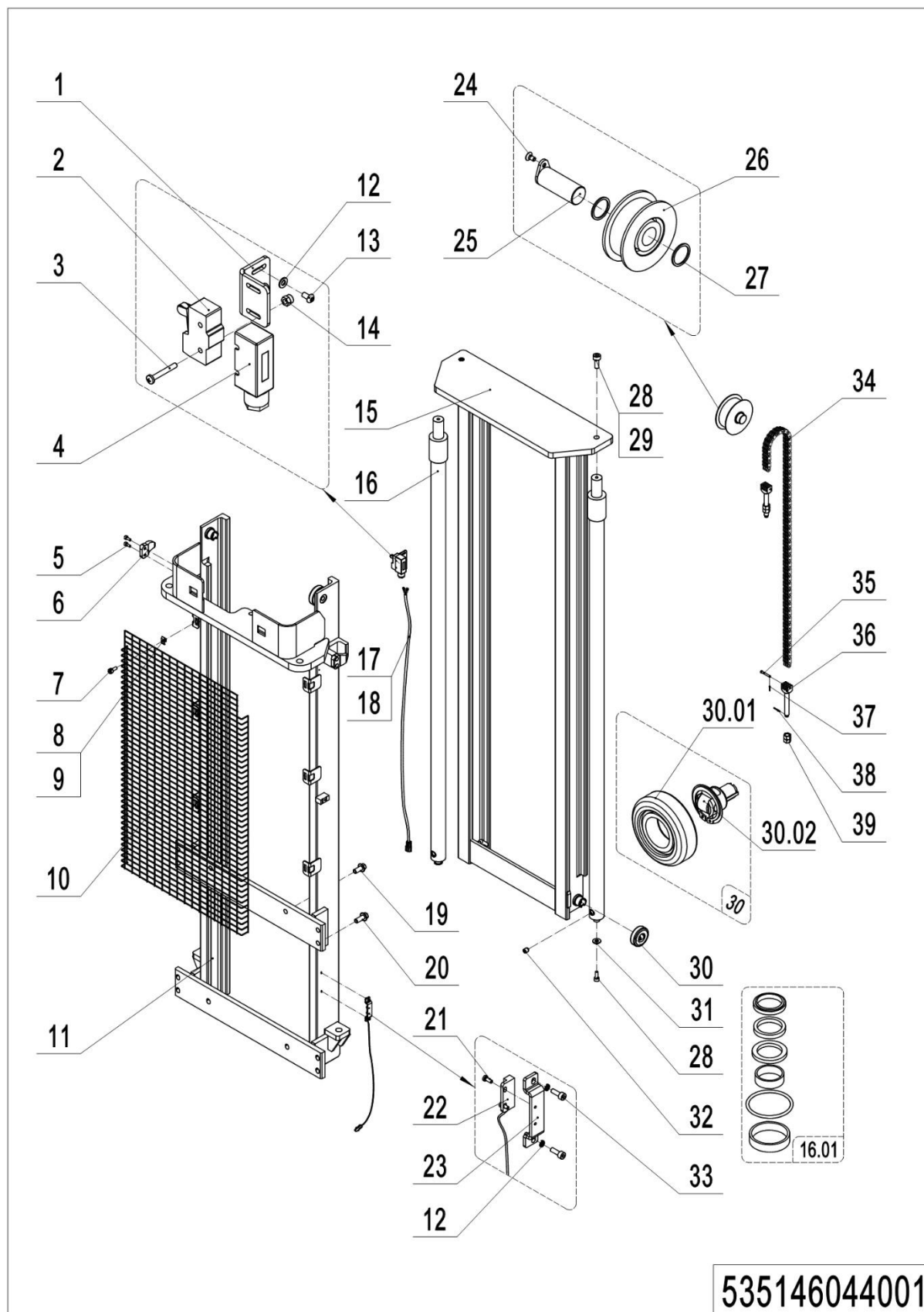
02 Two-stage Mast Standard Lift (535146044001)



02 Two-stage Mast Standard Lift(535146044001)

No.	Item Code	Mar	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		Press Plate	2		
7	910200200038	1	Screw M6x25	4		
8	940801500001	1	Cage Nut	6		
9	320443020321	1	Press Plate	6		
10	535044020024	2	Guard Frame	1		2900
10	535044020021	2	Guard Frame	1		3200
10	535044020023	2	Guard Frame	1		3600
11	535144010010	2	Outer Mast(2900)	1		
11	535144010006	2	Outer Mast(3200)	1		
11	535144010000	2	Outer Mast(3600)	1		
12	910400100003	1	Flat Washer	4		
13	910200300005	1	Screw M4x8	2		
14	910300500001	1	Nut	2		
15	535044010017	2	Inner Mast(2900)	1		
15	535044010016	2	Inner Mast(3200)	1		
15	535044010015	2	Inner Mast(3600)	1		
16	535044010008	2	Cylinder	2		2900
16	535044010007	2	Cylinder	2		3200
16	535044010006	2	Cylinder	2		3600
16.01	535098510003	1	Seal Accessories	2		
17	921600400003	1	Cable Tie	5		
18	534733010015	2	Wire Harness	1		2900
18	535133510001	2	Wire Harness	1		3200
18	535133510002	2	Wire Harness	1		3600

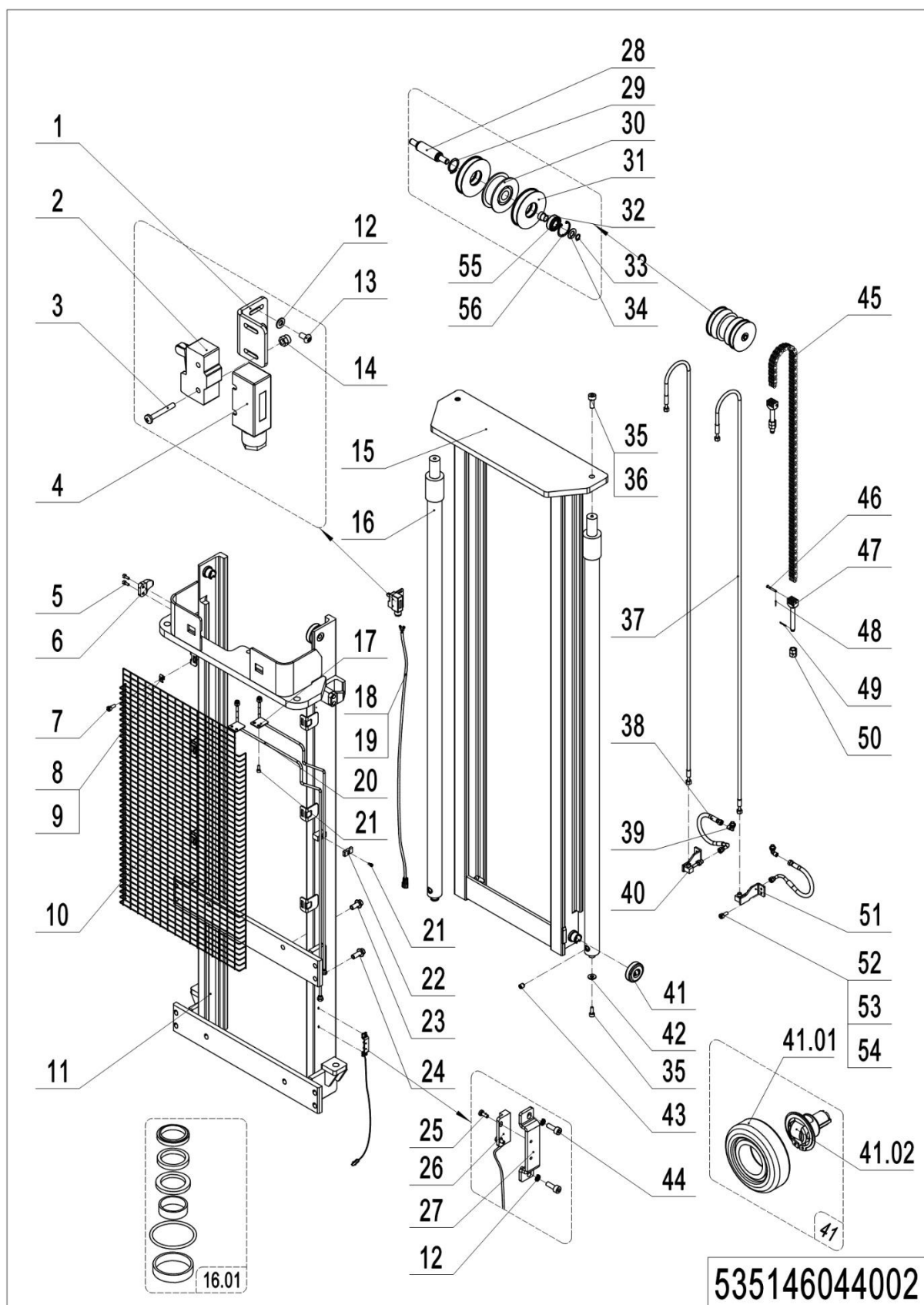
02 Two-stage Mast Standard Lift (535146044001) Continuation



02Two-stage Mast Standard Lift(535146044001)Continuation

No.	Item Code	Mar	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	535045010008		Trunnion	1		
26	940200500011		Sprocket Bearing	1		
27	940600500008	1	Washer	4		
28	910200200097	1	Screw M12x25	4		
29	910400500008	1	Spring Washer	2		
30	940200300020		Compound Roller	4		
30.01	940200100005		Main Roller	4		
30.02	940200900004		Side Roller Kits	4		
31	534744520015		Subplate	2		
32	950600300001		Safety Valve	2		
33	910200200015	1	Screw M4x16	2		
34	535045010009	2	Chain	1		2900
34	535144010014	2	Chain	1		3200
34	535144010015	2	Chain	1		3600
35	941100800009	1	Pin Shaft	2		
36	535045020024		Chain Bolt	2		
37	910600600015	1	Cotter Pin	2		
38	910600600023	1	Cotter Pin	2		
39	910300200008	1	Nut	4		

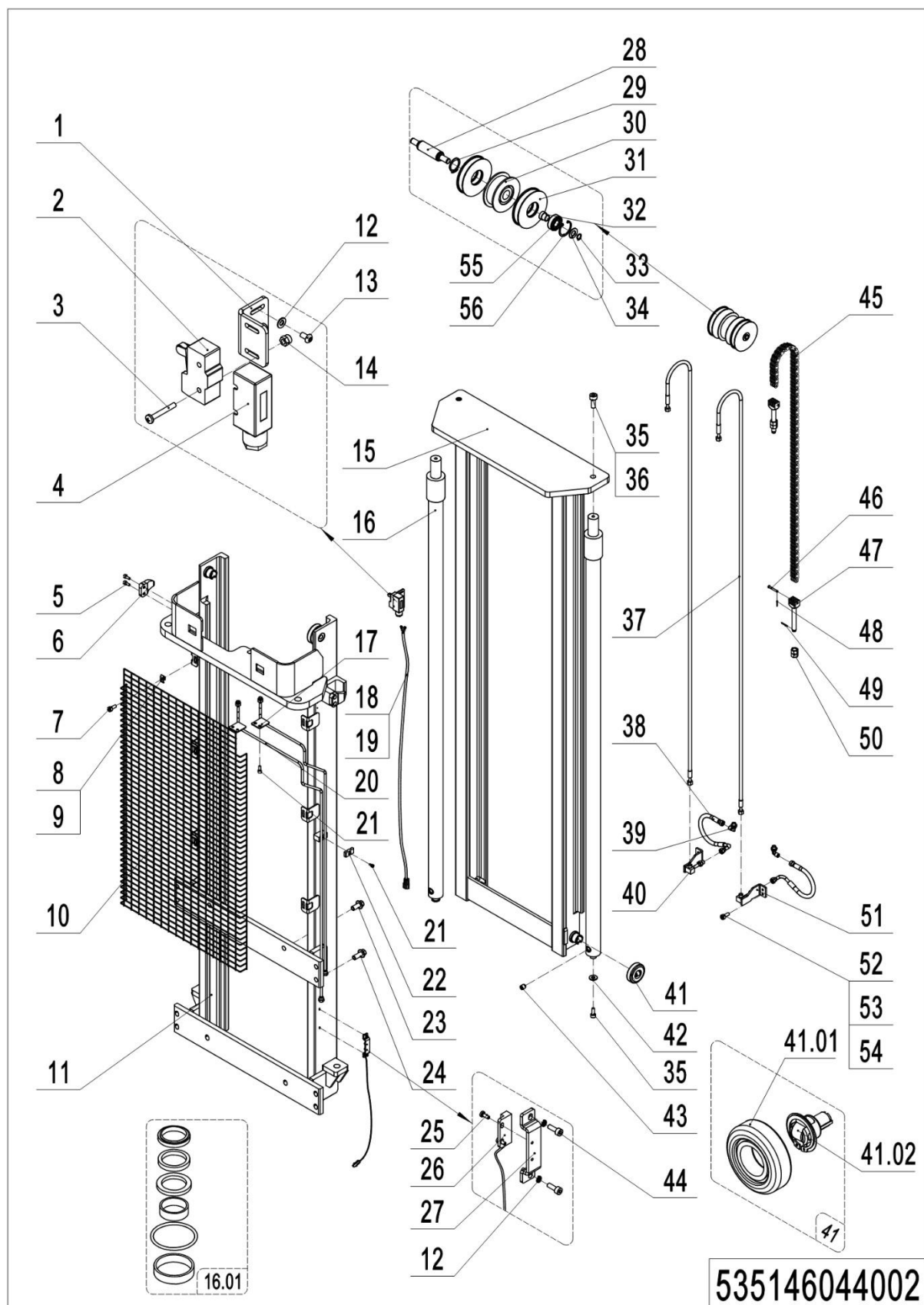
03 Two-stage Mast Standard Lift (Side-shift) (535146044002)



03 Two-stage Mast Standard Lift (Side-shift)(535146044002)

No.	Item Code	Mar	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		Press Plate	2		
7	910200200038	1	Screw M6x25	4		
8	940801500001	1	Cage Nut	6		
9	320443020321	1	Press Plate	6		
10	535044020024	2	Guard Frame	1		2900
10	535044020021	2	Guard Frame	1		3200
10	535044020023	2	Guard Frame	1		3600
11	535144010010	2	Outer Mast(2900)	1		
11	535144010006	2	Outer Mast(3200)	1		
11	535144010000	2	Outer Mast(3600)	1		
12	910400100003	1	Flat Washer	4		
13	910200300005	1	Screw M4x8	2		
14	910300500001	1	Nut	2		
15	535044010017	2	Inner Mast(2900)	1		
15	535044010016	2	Inner Mast(3200)	1		
15	535044010015	2	Inner Mast(3600)	1		
16	535044010008	2	Cylinder	2		2900
16	535044010007	2	Cylinder	2		3200
16	535044010006	2	Cylinder	2		3600
16.01	535098510003	1	Seal Accessories	2		
17	535144010013	2	Hydraulic Steel Pipe	1		2900
17	535144010009	2	Hydraulic Steel Pipe	1		3200
17	535144010002	2	Hydraulic Steel Pipe	1		3600
18	921600400003	1	Cable Tie	5		

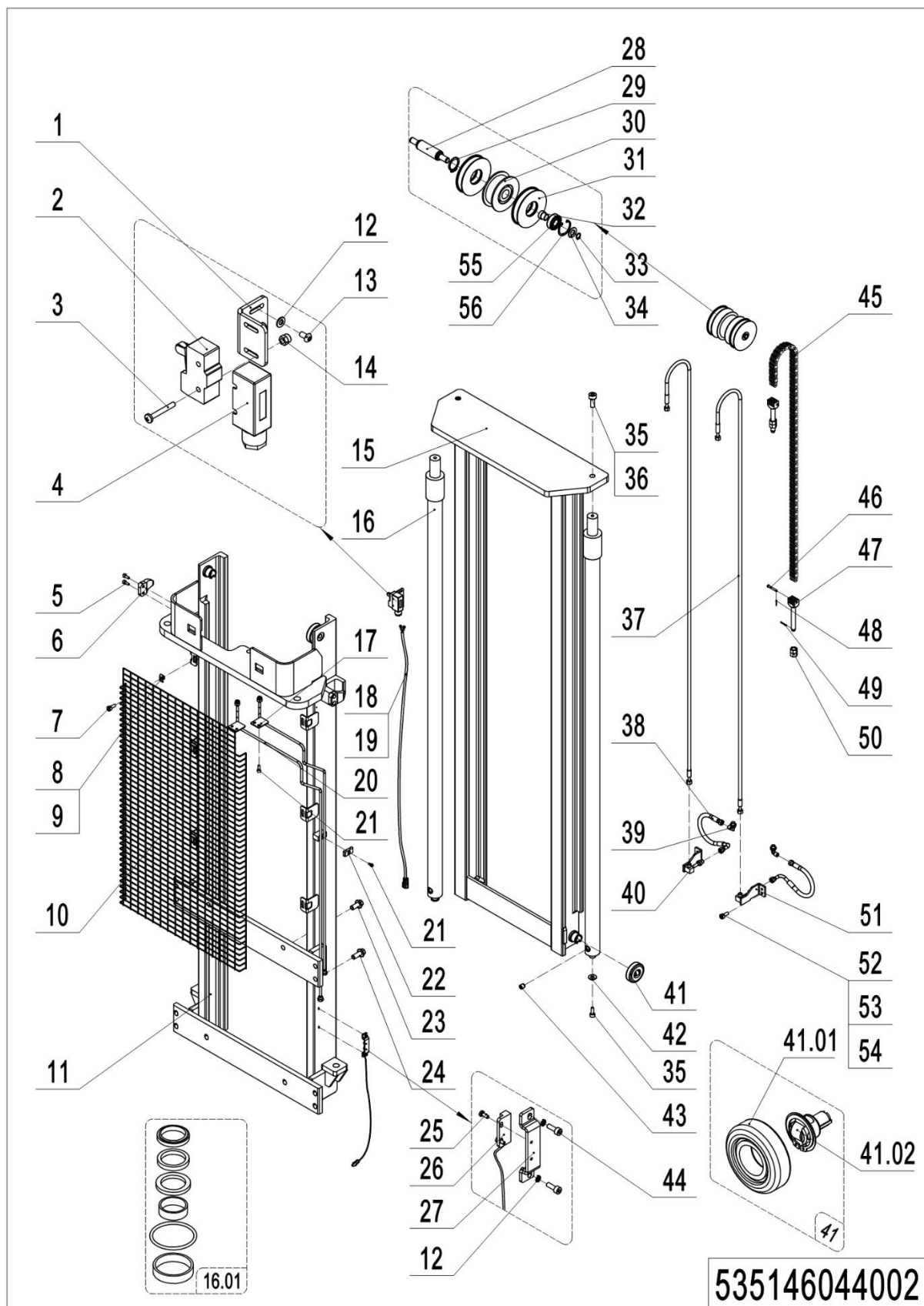
03 Two-stage Mast Standard Lift (Side-shift) (535146044002) Continuation1



03 Two-stage Mast Standard Lift (Side-shift)(535146043502)Continuation1

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
19	534733010015	2	Wire Harness	1		2900
19	535133510001	2	Wire Harness	1		3200
19	535133510002	2	Wire Harness	1		3600
20	535144010012	2	Hydraulic Steel Pipe	1		2900
20	535144010008	2	Hydraulic Steel Pipe	1		3200
20	535144010003	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	535144520002		Wheel Shaft	1		
29	910401300016	1	Circlip(Shaft)	2		
30	940200500011		Sprocket Bearing	1		
31	535944520000		Pulley	2		
32	534844520011		Sleeve	2		
33	910401300007	1	Circlip(Shaft)	2		
34	534844520008		Washer	2		
35	910200200097	1	Screw M12x25	4		
36	910400500008	1	Spring Washer	2		
37	534844010008	2	Hose Assembly	2		2900
37	534844010006	2	Hose Assembly	2		3200
37	534844010011	2	Hose Assembly	2		3600
38	534844010014		Hose Assembly	2		LDSJ
38	534844010018		Hose Assembly	2		Cascade
39	950401100002		Adapter	2		LDSJ
40	535144010016		Adapter	1		

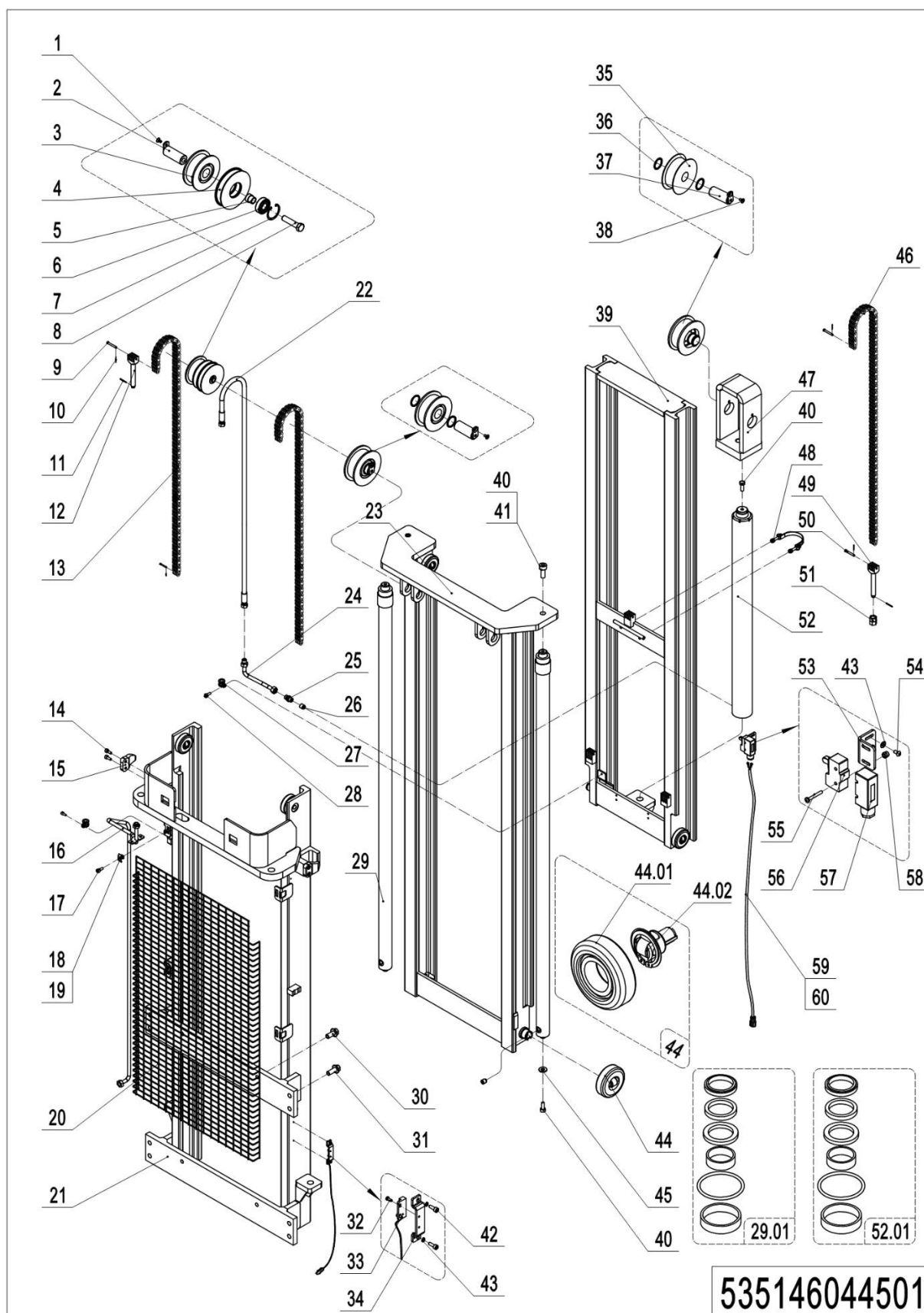
03 Two-stage Mast Standard Lift (Side-shift) (535146044002) Continuation 2



03 Two-stage Mast Standard Lift (Side-shift)(535146043502)Continuation2

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
41	940200300020		Compound Roller	4		
41.01	940200100005		Main Roller	4		
41.02	940200900004		Side Roller Kits	4		
42	534744520015		Subplate	2		
43	950600300001		Safety Valve	2		
44	910200200015	1	Screw M4x16	2		
45	535045010009	2	Chain	1		2900
45	535144010014	2	Chain	1		3200
45	535144010015	2	Chain	1		3600
46	941100800009	1	Pin Shaft	2		
47	535045020024		Chain Bolt	2		
48	910600600015	1	Cotter Pin	2		
49	910600600023	1	Cotter Pin	2		
50	910300200008	1	Nut	4		
51	535144010017	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	1	Circlip(Shaft)	2		

04 Triple Mast Full Free Lift (535146044501)

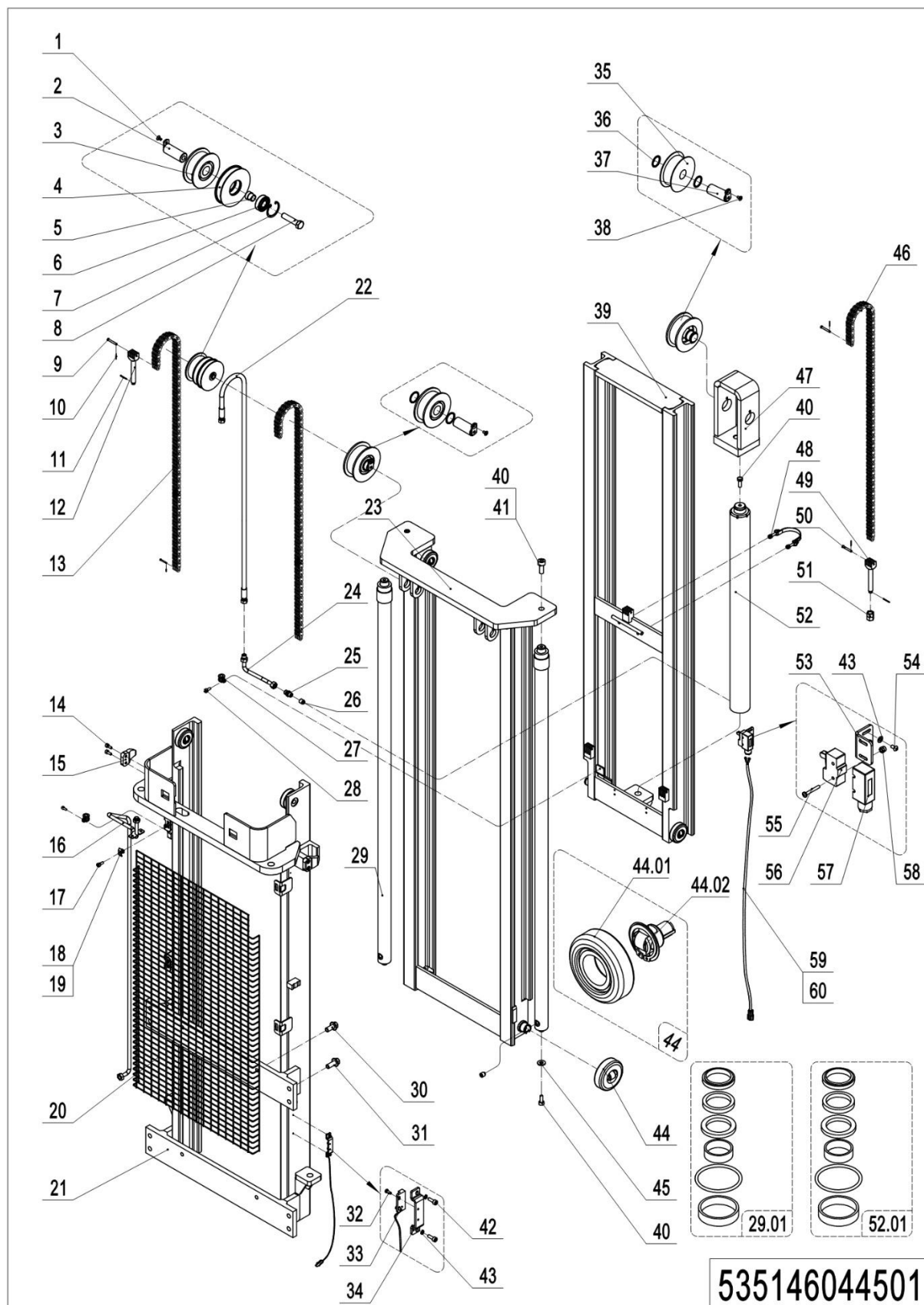


535146044501

04 Triple Mast Full Free Lift(535146044501)

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	910200400016	1	Screw M6x12	2		
2	533544510006		Trunnion	2		
3	940200500010		Sprocket Bearing	2		
4	535944520000		Pulley	1		
5	534844520011		Sleeve	1		
6	910700200019		Bearing	1		
7	910401400013	1	Circlip(Hole)	1		
8	910100100071		Bolt M16x55	1		
9	941100800006	1	Pin Shaft	4		
10	910600600015	1	Cotter Pin	4		
11	910600600032	1	Cotter Pin	3		
12	532644520038		Chain Bolt	2		
13	535044510020	2	Chain	2		4000
13	534145010005	2	Chain	2		4300
13	535044510016	2	Chain	1		4600
14	910200200057	1	Screw M8x20	4		
15	275044020076		Press Plate	2		
16	535144510019	2	Hydraulic Steel Pipe	1		4000
16	535144510013	2	Hydraulic Steel Pipe	1		4300
16	535144510002	2	Hydraulic Steel Pipe	1		4600
17	910200200038	1	Screw M6x25	6		
18	940801500001	1	Cage Nut	6		
19	320443020321	1	Press Plate	6		
20	535044020025	2	Guard Frame	1		4000
20	535044020022	2	Guard Frame	1		4300
20	535044020021	2	Guard Frame	1		4600
21	535144510017	2	Outer Mast(4000)	1		
21	535144510010	2	Outer Mast(4300)	1		
21	535144510000	2	Outer Mast(4600)	1		

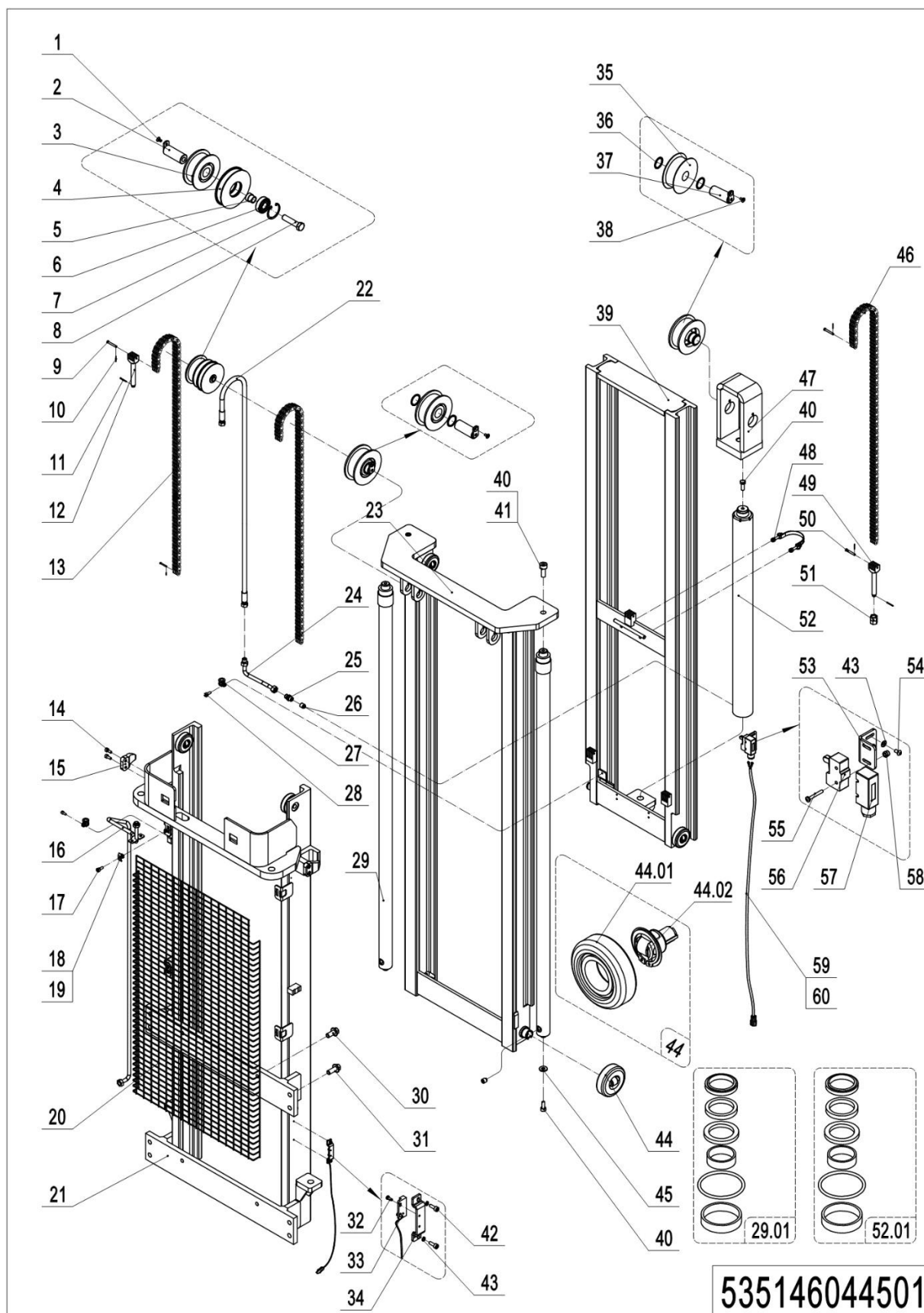
04 Triple Mast Full Free Lift (535146044501)Continuation1



04 Triple Mast Full Free Lift (535146044501)Continuation1

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
22	535044510019	2	Hose Assembly	1		4000
22	532644520143	2	Hose Assembly	1		4300
22	532644520144	2	Hose Assembly	1		4600
23	535044510026	2	Middle Mast(4000)	1		
23	535044510025	2	Middle Mast(4300)	1		
23	535044510024	2	Middle Mast(4600)	1		
24	535144510007	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	535044510002	2	Cylinder	2		4000
29	535044510001	2	Cylinder	2		4300
29	535044510000	2	Cylinder	2		4600
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	940200500011		Sprocket Bearing	1		
36	940600500008	1	Washer	6		
37	535045010008		Trunnion	1		
38	910200400016	1	Screw M6x12	3		
39	535144510018	2	Inner Mast(4000)	1		
39	535144510011	2	Inner Mast(4300)	1		
39	535144510001	2	Inner Mast(4600)	1		
40	910200200097	1	Screw M12x25	5		
41	910400500008	1	Spring Washer	2		

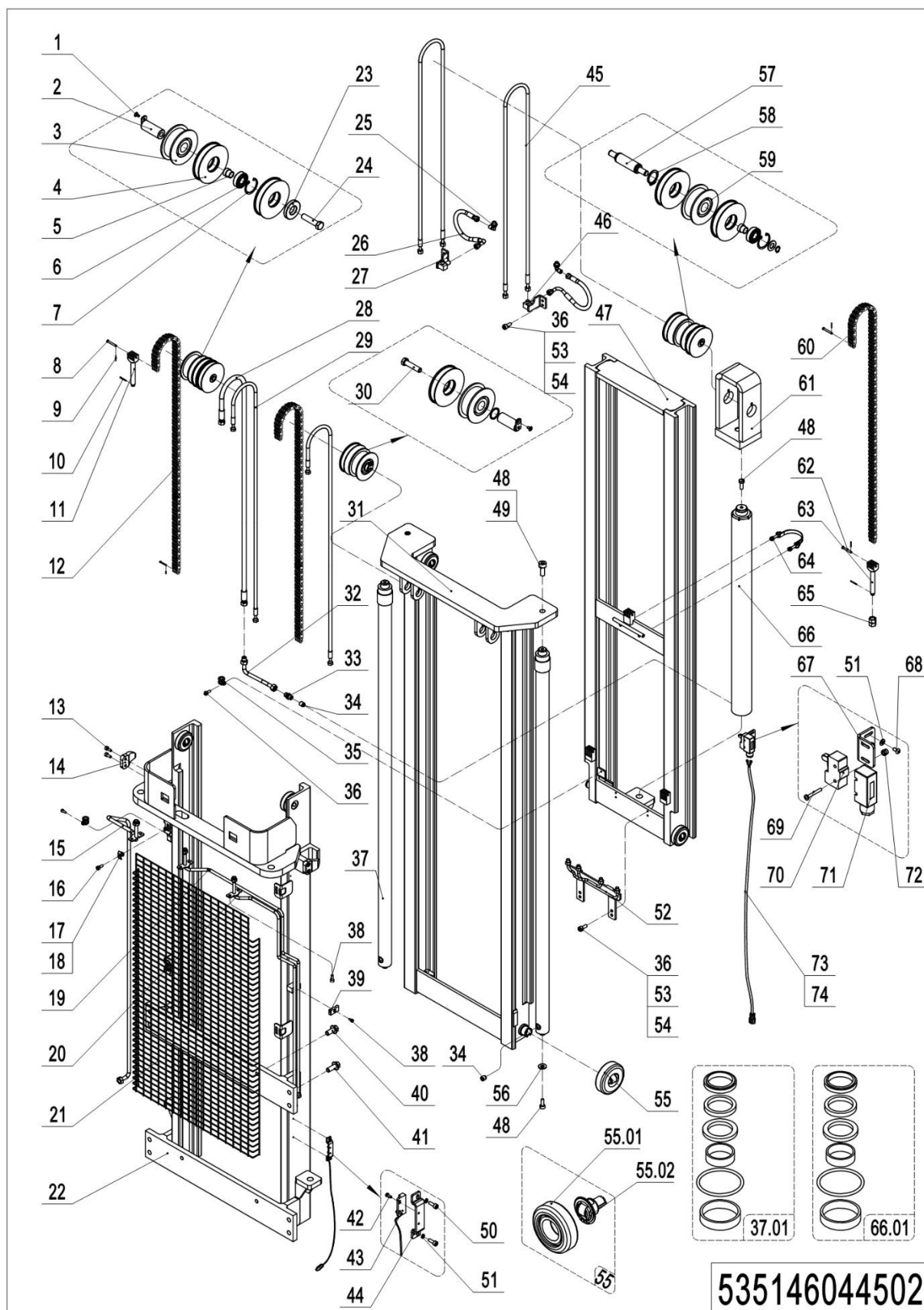
04 Triple Mast Full Free Lift (535146044501)Continuation2



04 Triple Mast Full Free Lift (535146044501)Continuation2

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
42	910200200015	1	Screw M4x16	2		
43	910400100003	1	Flat Washer	4		
44	940200300020		Compound Roller	8		
44.01	940200100005		Main Roller	8		
44.01	940200900004		Side Roller Kits	8		
45	534744520015		Subplate	2		
46	535044510018	2	Chain	1		4000
46	535043510022	2	Chain	1		4300
46	535044510017	2	Chain	1		4600
47	535043510034		Sprocket Base	1		
48	940800600002		Hug Hoop Kits	1		
49	535045020024		Chain Bolt	1		
50	941100800009	1	Pin Shaft	2		
51	910300200008	1	Nut	6		
52	535043510012	2	Cylinder	1		4000
52	534744510013	2	Cylinder	1		4300
52	534744510012	2	Cylinder	1		4600
52.01	534798510001	1	Seal Accessories	1		
53	534744520036	2	Fixed Plate	1		
54	910200300005	1	Screw M4x8	2		
55	910200500028	1	Screw M4x30	2		
56	920200300001		Microswitch	1		
57	920200300008		Guard Cover	1		
58	910300500001	1	Nut	2		
59	534733010014	2	Wire Harness	1		4000
59	534733010015	2	Wire Harness	1		4300
59	535133510001	2	Wire Harness	1		4600
60	921600400003	1	Cable Tie	5		

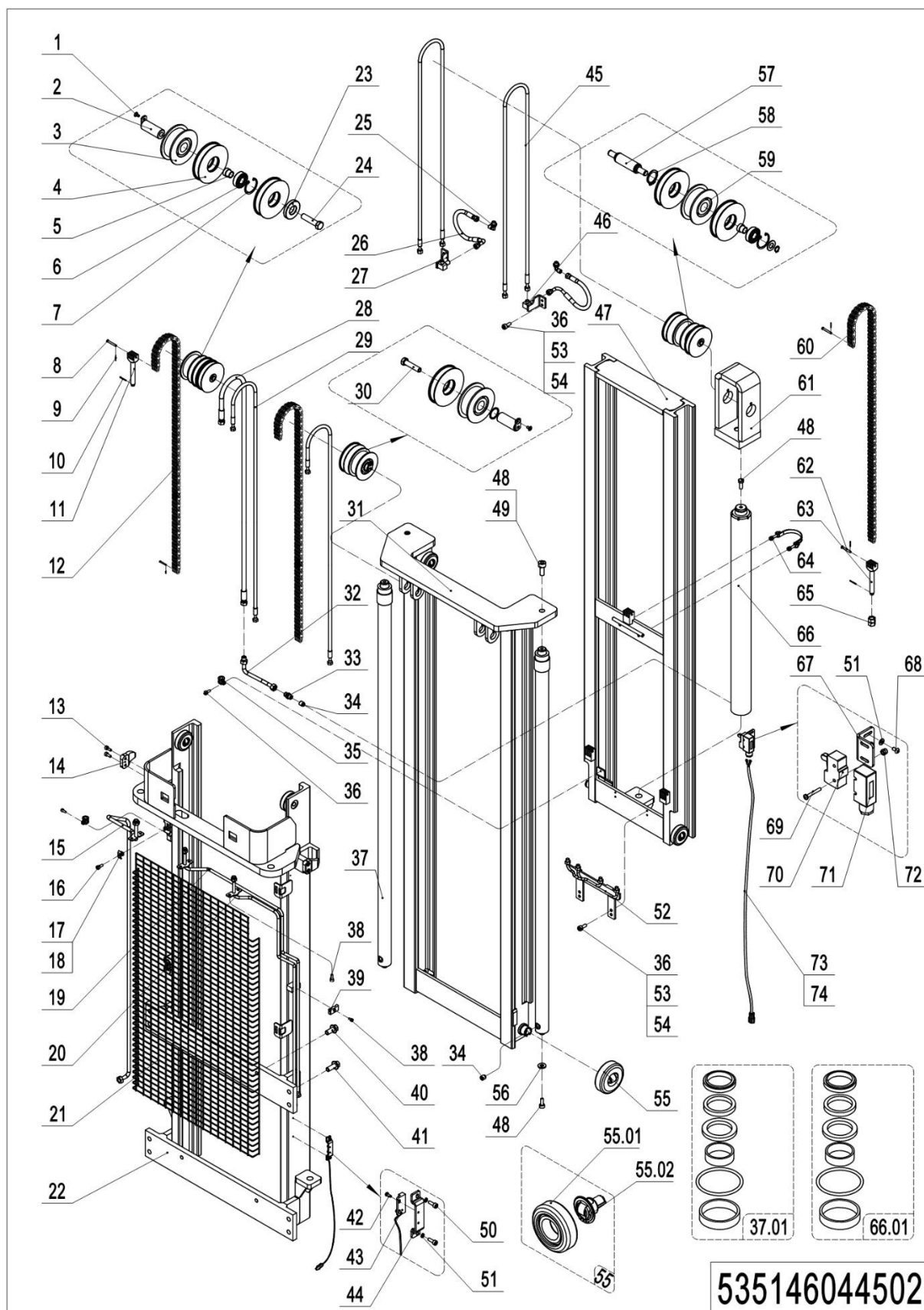
05 Triple Mast Full Free Lift (Side-shift) (535146044502)



05 Triple Mast Full Free Lift (Side-shift)(535146044502)

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	910200400016	1	Screw M6x12	2		
2	533544510006		Trunnion	2		
3	940200500010		Sprocket Bearing	2		
4	535944520000		Pulley	5		
5	534844520011		Sleeve	5		
6	910700200019		Bearing	5		
7	910401400013	1	Circlip(Hole)	5		
8	941100800006	1	Pin Shaft	4		
9	910600600015	1	Cotter Pin	6		
10	910600600023	1	Cotter Pin	3		
11	532644520038		Chain Bolt	2		
12	535044510020	2	Chain	2		4000
12	534145010005	2	Chain	2		4300
12	535044510016	2	Chain	2		4600
13	910200200057	1	Screw M8x20	4		
14	275044020076	2	Press Plate	2		
15	535144510019	2	Hydraulic Steel Pipe	1		4000
15	535144510013	2	Hydraulic Steel Pipe	1		4300
15	535144510002	2	Hydraulic Steel Pipe	1		4600
16	910200200038	1	Screw M6x25	6		
17	940801500001	1	Cage Nut	6		
18	320443020321	1	Press Plate	6		
19	535144510021	2	Hydraulic Steel Pipe	1		4000
19	535144510015	2	Hydraulic Steel Pipe	1		4300
19	535144510003	2	Hydraulic Steel Pipe	1		4600
20	535144510020	2	Hydraulic Steel Pipe	1		4000
20	535144510014	2	Hydraulic Steel Pipe	1		4300
20	535144510004	2	Hydraulic Steel Pipe	1		4600
21	535044020025	2	Guard Frame	1		4000

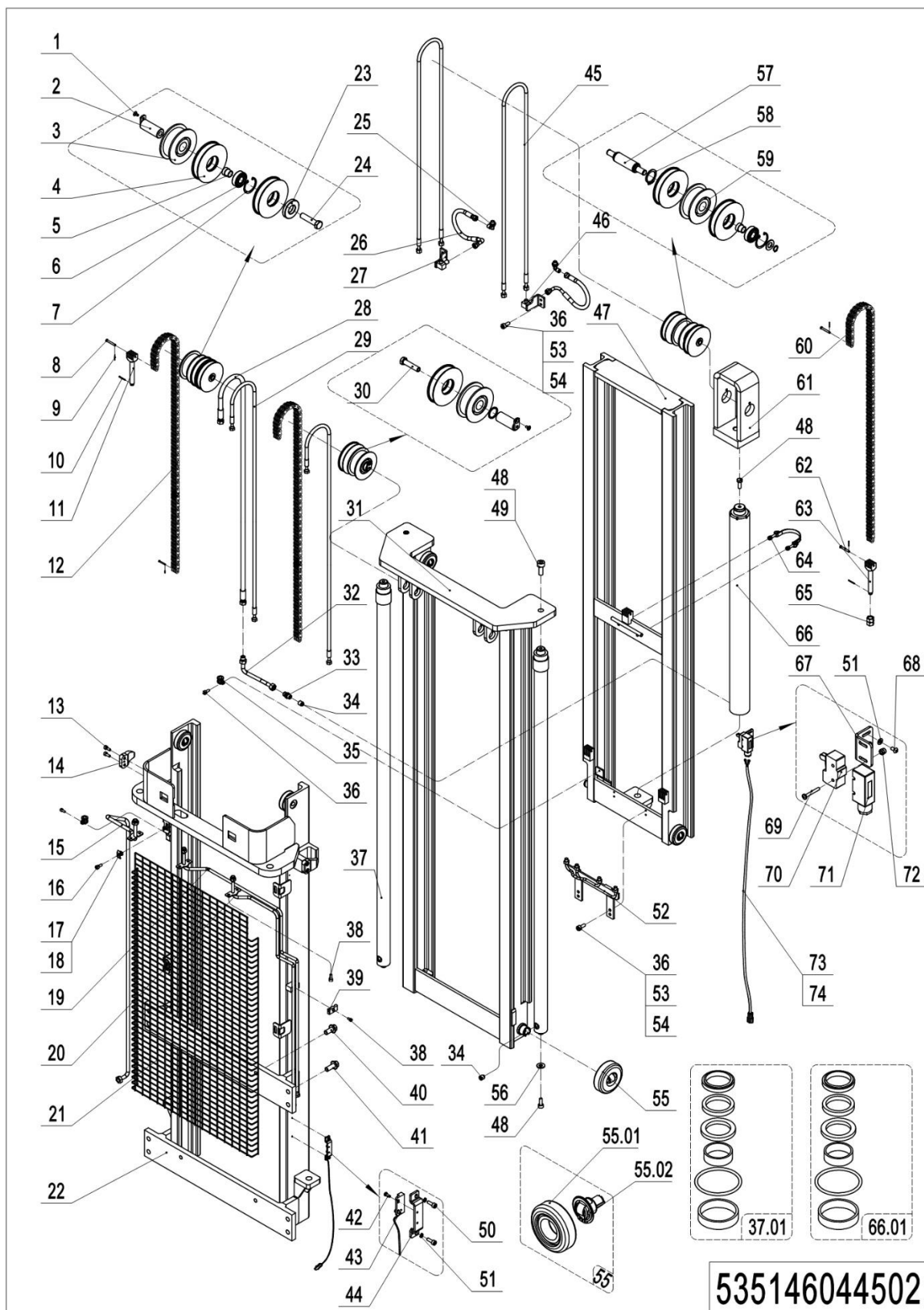
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation1



05 Triple Mast Full Free Lift (Side-shift)(535146044502)Continuation1

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
21	535044020022	2	Guard Frame	1		4300
21	535044020021	2	Guard Frame	1		4600
22	535144510017	2	Outer Mast(4000)	1		
22	535144510010	2	Outer Mast(4300)	1		
22	535144510000	2	Outer Mast(4600)	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	535144510024	2	Adapter	1		
28	535044510019	2	Hose Assembly	1		4000
28	532644520143	2	Hose Assembly	1		4300
28	532644520144	2	Hose Assembly	1		4600
29	535144510022	2	Hose Assembly	2		4000
29	535144510012	2	Hose Assembly	2		4300
29	534844510005	2	Hose Assembly	2		4600
30	534844520003		Spindle Nose	1		
31	535044510026	2	Middle Mast(4000)	1		
31	535044510025	2	Middle Mast(4300)	1		
31	535044510024	2	Middle Mast(4600)	1		
32	535144510007	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	535044510002	2	Cylinder	2		4000
37	535044510001	2	Cylinder	2		4300
37	535044510000	2	Cylinder	2		4600

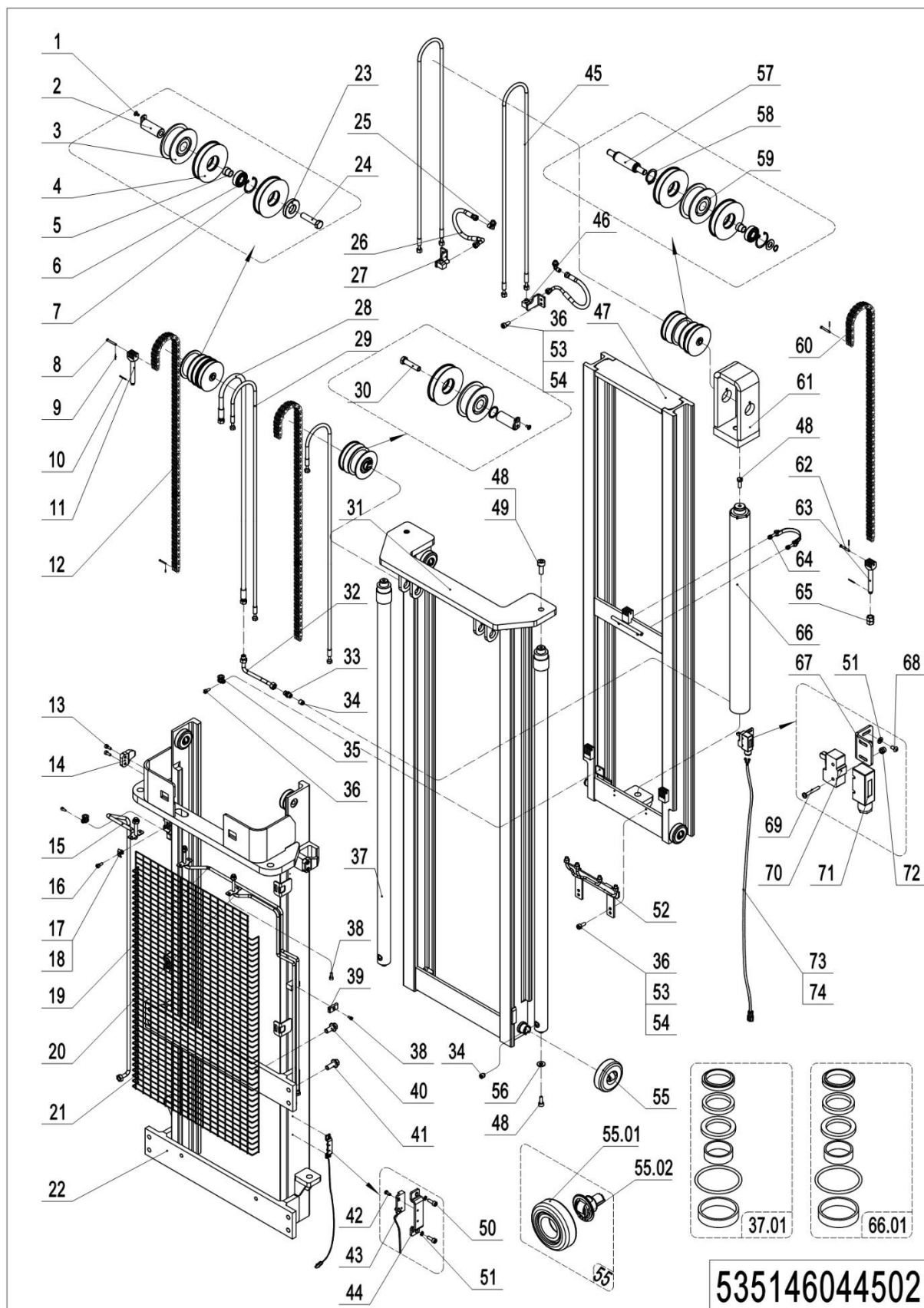
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation2



05 Triple Mast Full Free Lift (Side-shift)(535146044502)Continuation2

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
37.01	535098510000	1	Seal Accessories	2		
38	910200200033	1	Screw M6x12	5		
39	534844520007	2	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	535144510023	2	Hose Assembly	2		4000
45	535144510016	2	Hose Assembly	2		4300
45	535144510009		Hose Assembly	2		4600
46	535144510025	2	Adapter	1		
47	535144510018	2	Inner Mast(4000)	1		
47	535144510011	2	Inner Mast(4300)	1		
47	535144510001	2	Inner Mast(4600)	1		
48	910200200097	1	Screw M12x25	5		
49	910400500008	1	Spring Washer	2		
50	910200200015	1	Screw M4x16	2		
51	910400100003	1	Flat Washer	4		
52	535144510008	2	Hydraulic Steel Pipe	1		
53	910400100005	1	Flat Washer	8		
54	910400500005	1	Spring Washer	8		
55	940200300020		Compound Roller	8		
55.01	940200100005		Main Roller	8		
55.01	940200900004		Side Roller Kits	8		
56	534744520015	2	Subplate	2		
57	534844520002		Wheel Shaft	1		
58	910401300016	1	Circlip(Shaft)	2		
59	940200500011		Sprocket Bearing	1		

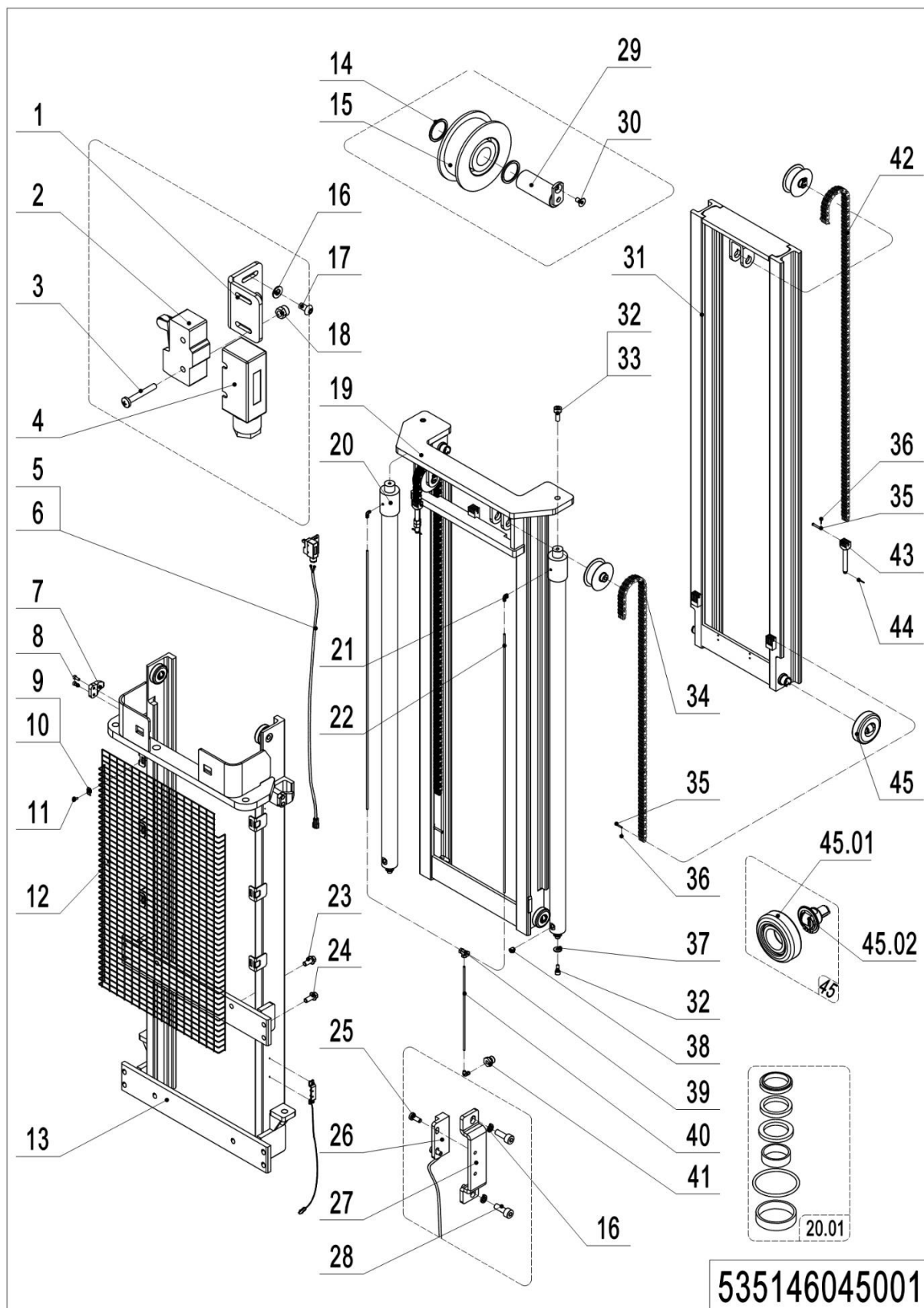
05 Triple Mast Full Free Lift (Side-shift) (535146044502)Continuation3



05 Triple Mast Full Free Lift (Side-shift)(535146044502)Continuation3

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
60	535044510018	2	Chain	1		4000
60	535043510022	2	Chain	1		4300
60	535044510017	2	Chain	1		4600
61	535043510034	2	Sprocket Base	1		
62	941100800009	1	Pin Shaft	2		
63	535045020024		Chain Bolt	1		
64	940800600002		Hug Hoop Kits	1		
65	910300200008	1	Nut	6		
66	535043510012	2	Cylinder	1		4000
66	534744510013	2	Cylinder	1		4300
66	534744510012	2	Cylinder	1		4600
66.01	534798510001	1	Seal Accessories	1		
67	534744520036	2	Fixed Plate	1		
68	910200300005	1	Screw M4x8	2		
69	910200500028	1	Screw M4x30	2		
70	920200300001		Microswitch	1		
71	920200300008		Guard Cover	1		
72	910300500001	1	Nut	2		
73	534733010014	2	Wire Harness	1		4000
73	534733010015	2	Wire Harness	1		4300
73	535133510001	2	Wire Harness	1		4600
74	921600400003	1	Cable Tie	5		

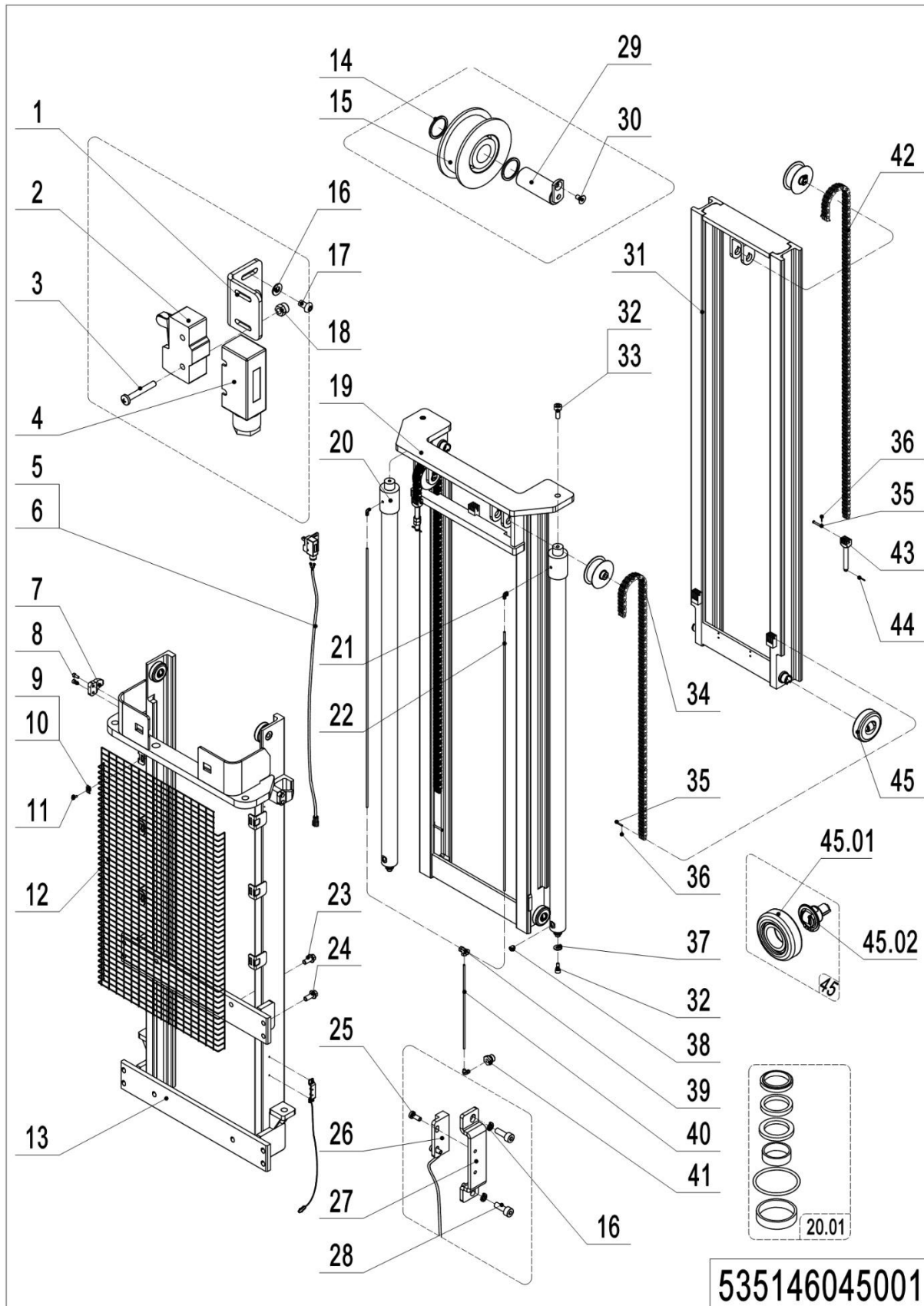
06 Triple Mast Standard Lift (535146045001)



06 Triple Mast Standard Lift(535146045001)

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	534744520036	2	Fixed Plate	1		
2	920200300001		Microswitch	1		
3	910200500028		Screw M4x30	2		
4	920200300008		Guard Cover	1		
5	534733010015	2	Wire Harness	1		4300
5	535133510001	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	535044020022	2	Guard Frame	1		4300
12	535044020021	2	Guard Frame	1		4600
13	535145010001	2	Outer Mast(4300)	1		
13	535145010000	2	Outer Mast(4600)	1		
14	940600500008	1	Washer	6		
15	940200500011		Sprocket Bearing	3		
16	910400100003	1	Flat Washer	4		
17	910200300005	1	Screw M4x8	2		
18	910300500001	1	Nut	2		
19	535045010016	2	Middle Mast(4300)	1		
19	535045010015	2	Middle Mast(4600)	1		
20	535045010001	2	Cylinder	2		4300
20	535045010000	2	Cylinder	2		4600
20.01	535098510001	1	Seal Accessories	2		
21	950500100001		Adapter	3		
22	534745020002		Return Pipe	2		
23	910100800005	1	Bolt M16x35	4		

06 Triple Mast Standard Lift (535146045001)Continuation

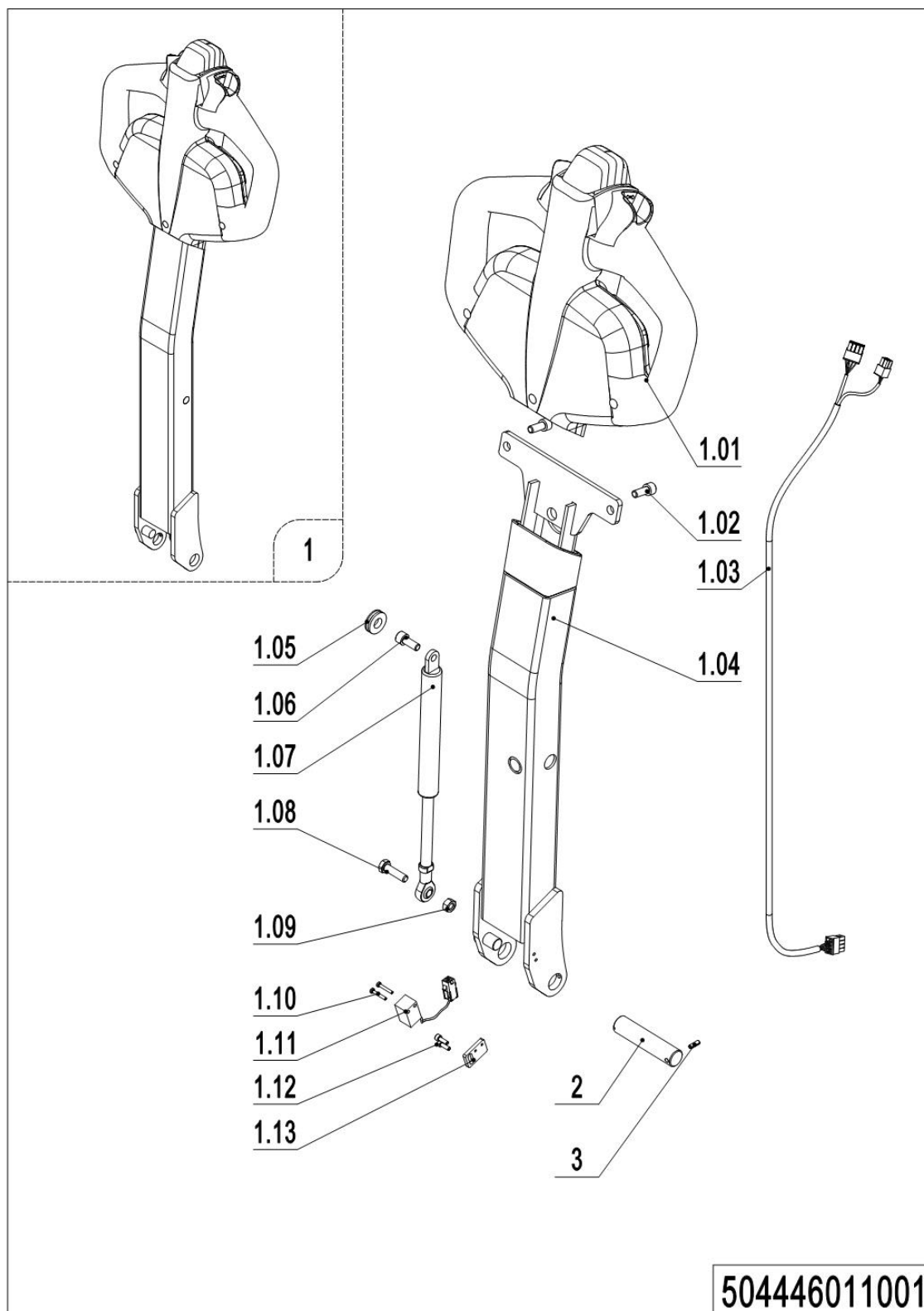


06 Triple Mast Standard Lift(535146045001)Continuation

No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
24	910100800006	1	Bolt M16x40	8		
25	910200500010	1	Screw M3x8	2		
26	534833510003		Magnetic Switch	1		
27	534744520059	2	Guard Cover	1		
28	910200200015	1	Screw M4x16	2		
29	535045010008		Trunnion	3		
30	910200400016	1	Screw M6x12	3		
31	535045010018	2	Inner Mast(4300)	1		
31	535045010017	2	Inner Mast(4600)	1		
32	910200200097	1	Screw M12x25	4		
33	910400500008	1	Spring Washer	2		
34	535044010010	2	Chain	2		4300
34	535045010010	2	Chain	2		4600
35	941100800009	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		Return Pipe	1		
41	534824020003		Adapter	1		
42	535044010011	2	Chain	1		4300
42	535044010010	2	Chain	1		4600
43	535045020024		Chain Bolt	3		
44	910600600032	1	Cotter Pin	3		
45	940200300020		Compound Roller	8		
45.01	940200100005		Main Roller	8		
45.02	940200900004		Side Roller Kits	8		

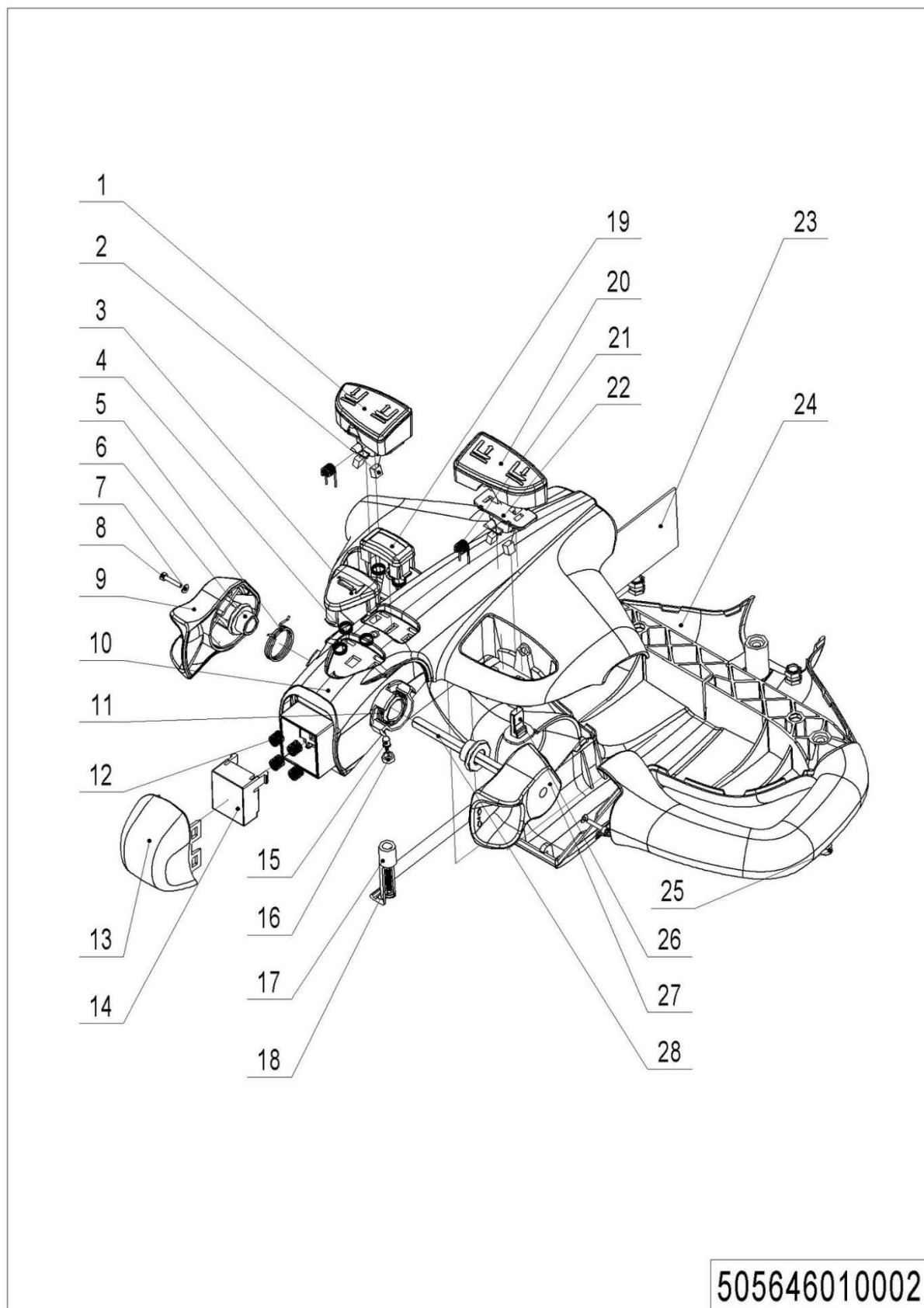
Chapter 5: Steering System, Braking System, Wheels

01 Tiller Unit (504446011001)



01 Tiller Unit (504446011001)

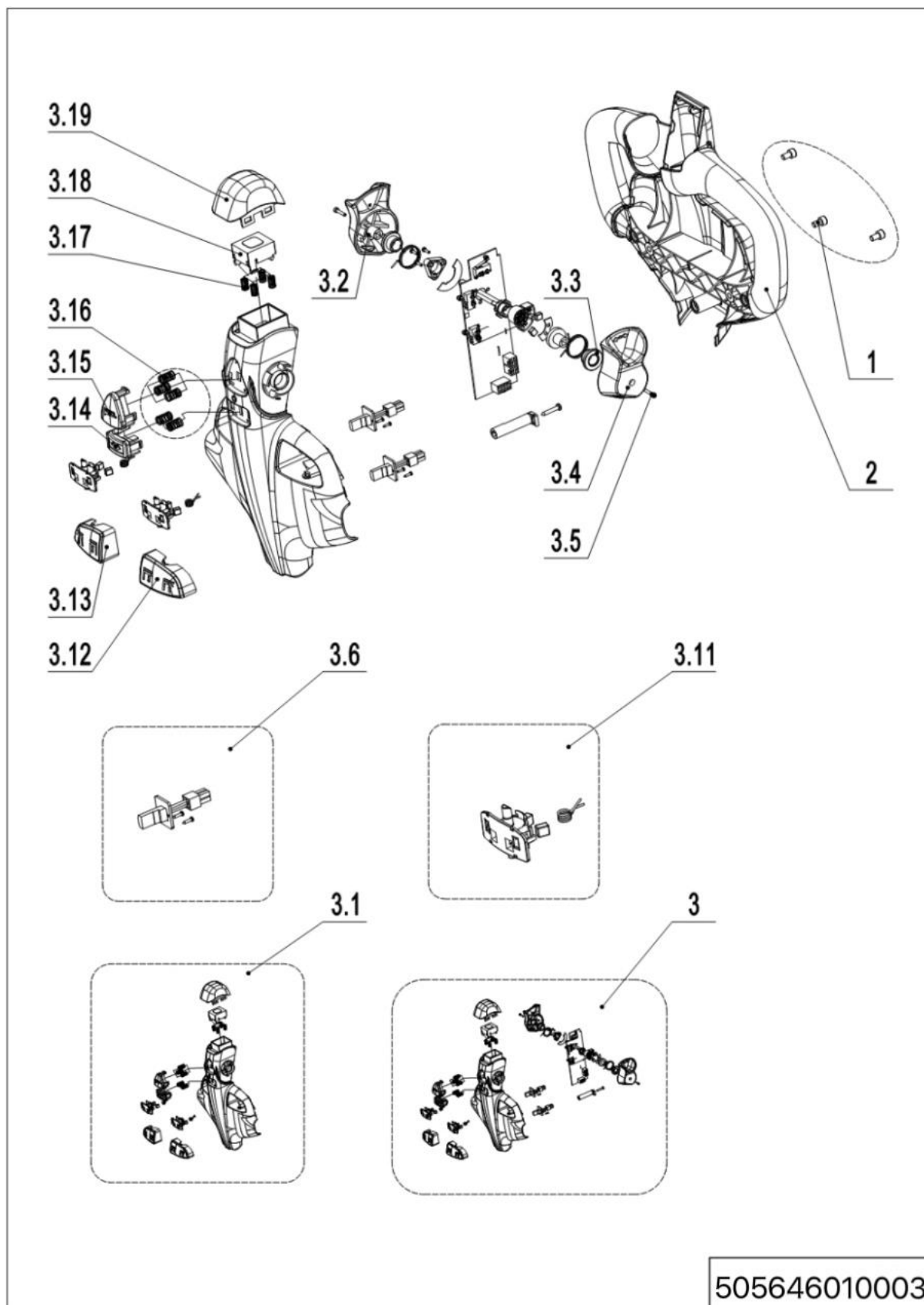
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	504498510027		Tiller Kits	1		
1.01	-----		Tiller	1		Check505646010002
1.01	-----		Tiller	1		Check505646010003
1.02	910200200057	1	Screw M8x20	2		
1.03	534833010001	2	Wire Harness	1		
1.04	504411010001	2	Tiller Rod	1		
1.05	502311020009		Cap	1		
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)

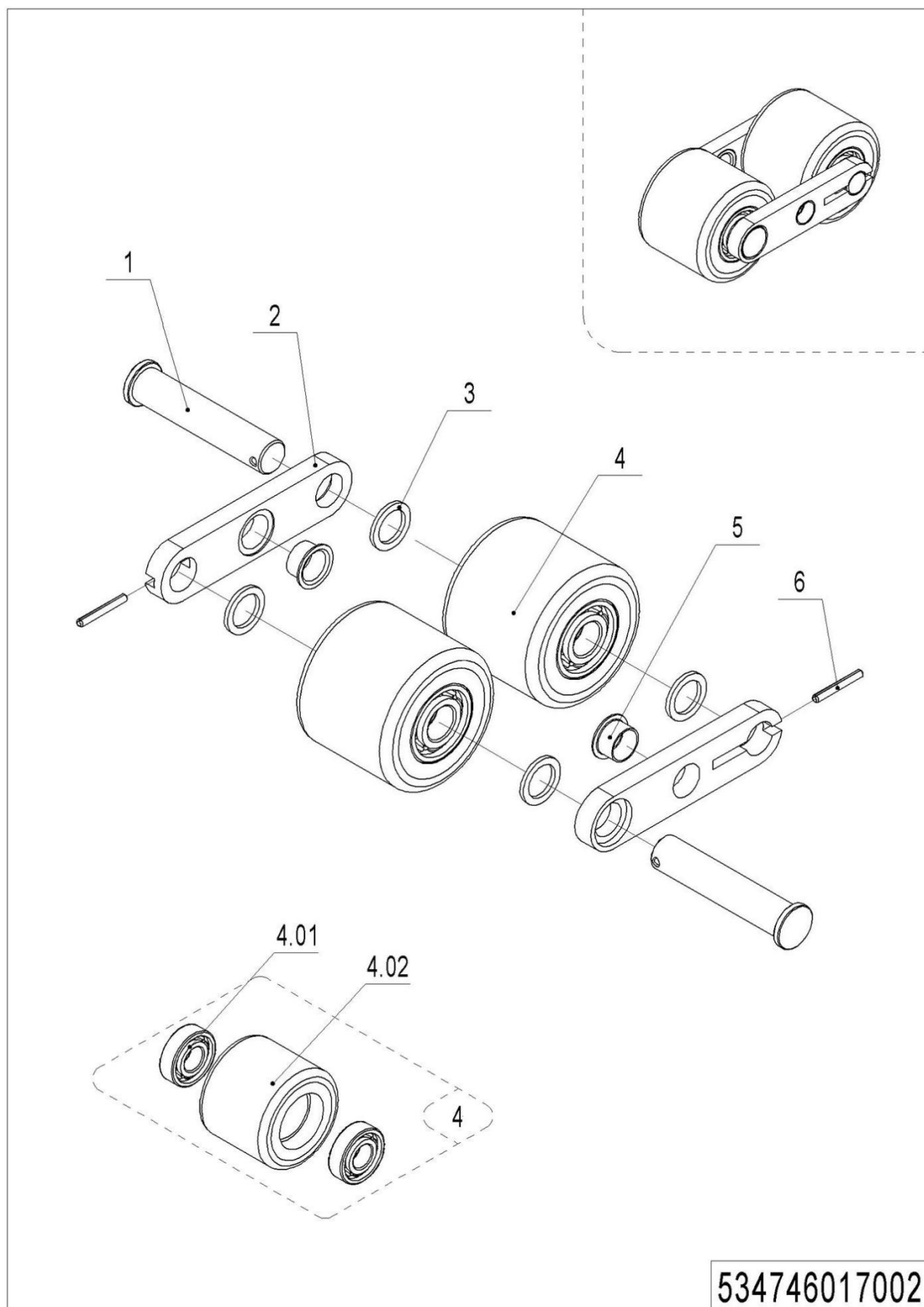
No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
--	922100100001		Tiller	1		REMA
1	505698520016	2	Left Button	1		
2	505698520005	2	Magnet	4		
3	505698520002	2	Horn Button	1		
4	505698520003	2	Horn Button Spring	5		
5	505698520027	2	Torsional Spring	1		
6	505698520004	2	Sleeve	2		
7	505698520009	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(DT) (505646011003)

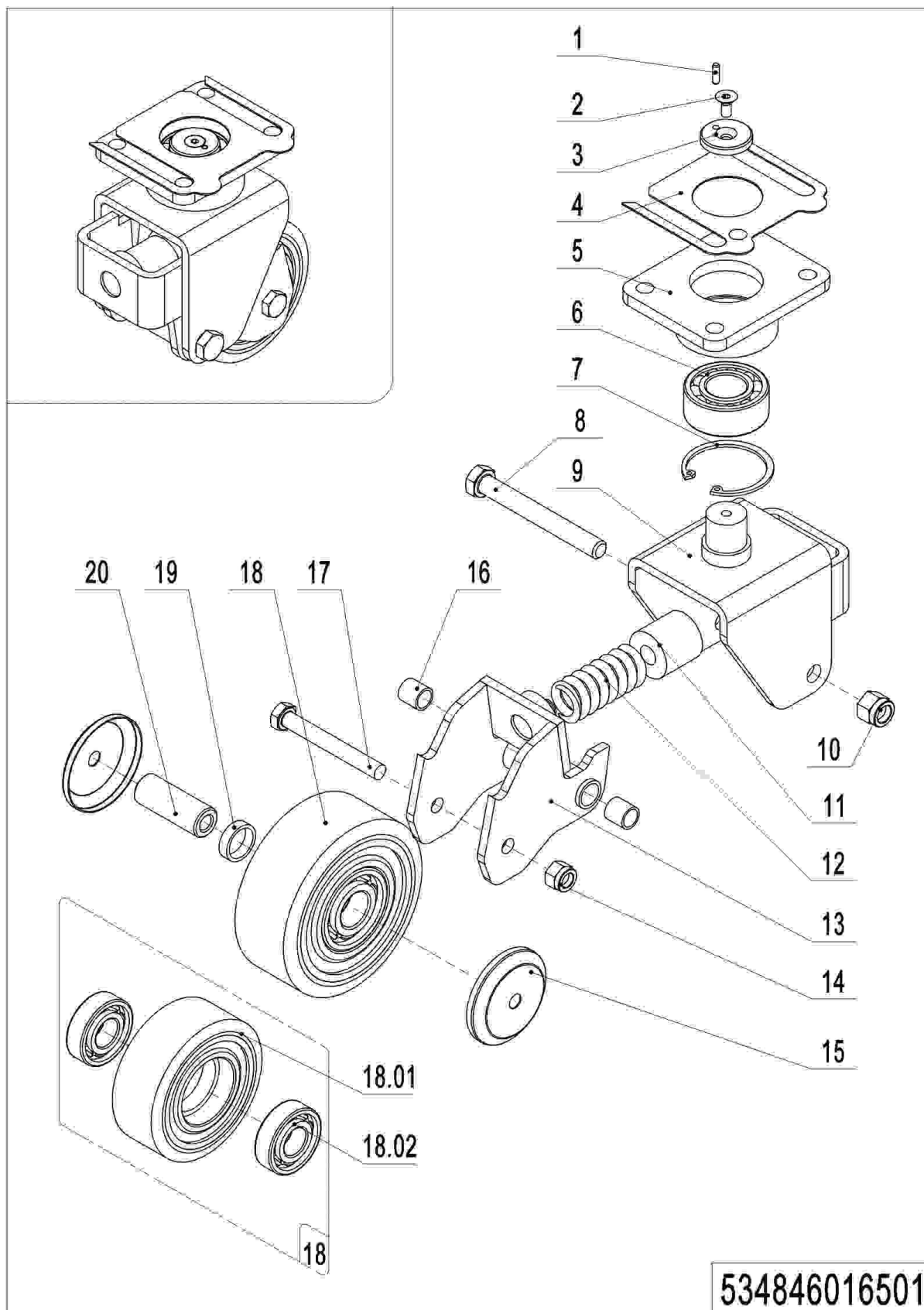
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	922100100012		Tiller	1		DT
1	910200200032	1	Screw M6x10	3		M6×10
2	505698520124	2	Tiller Cap	1		
3	505698510024	2	Tiller Cap Kits	1		
3.1	505698510021	2	Tiller Cap Kits	1		Include circuit board
3.11	505698510023	2	Sensor	1		
3.12	505698520113	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 Load Wheel(534746017001)

04 Load Wheel(534746017001)

No.	Item Code	Mar	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		

05 Caster(534846016501)

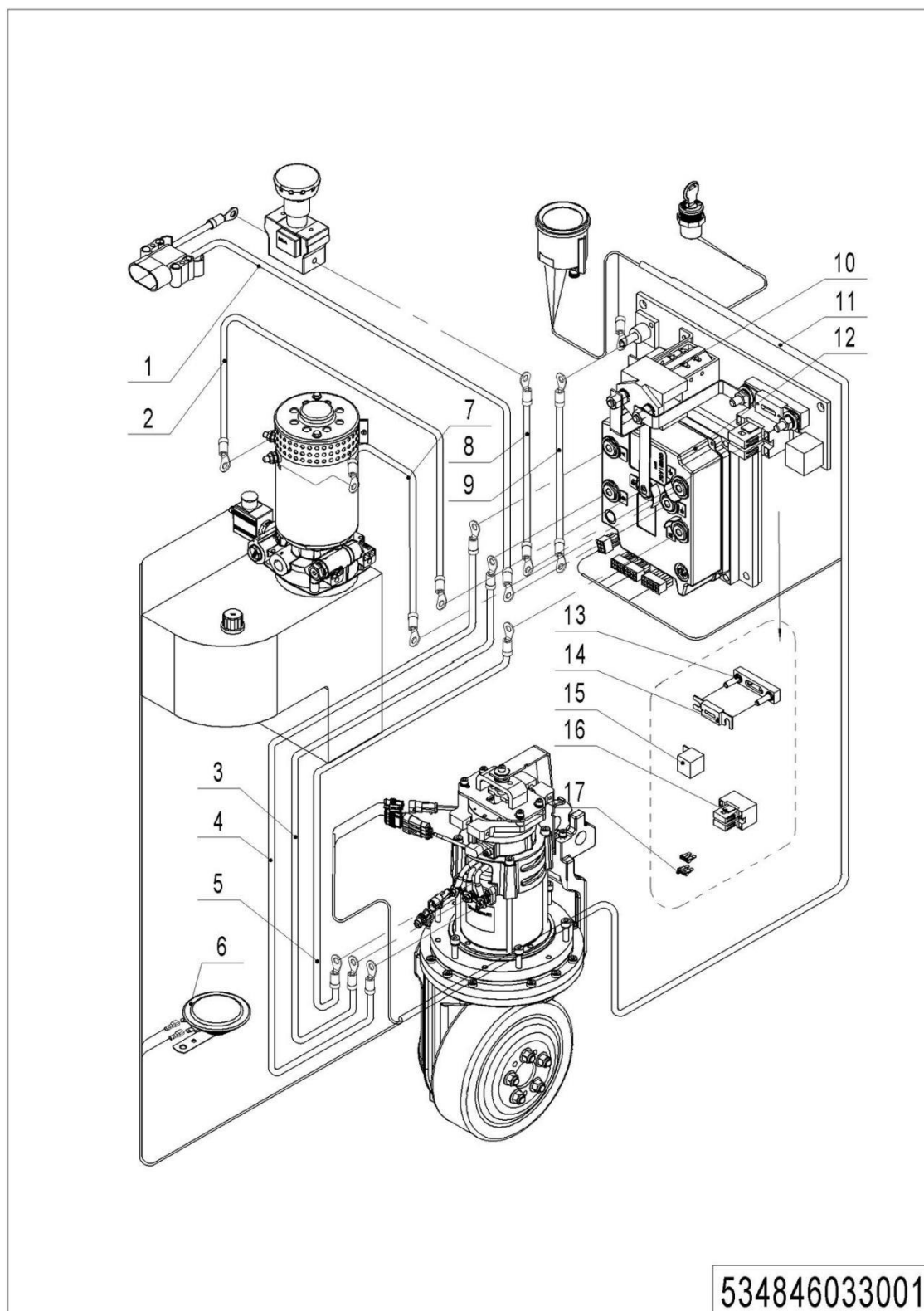


05 Caster(534846016501)

No.	Item Code	Mar	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 Φ100x40	1		
18.02	910700200019		Bearing	2		
19	505616520012	1	Circlip	2		
20	505616520013	2	Bushing	1		

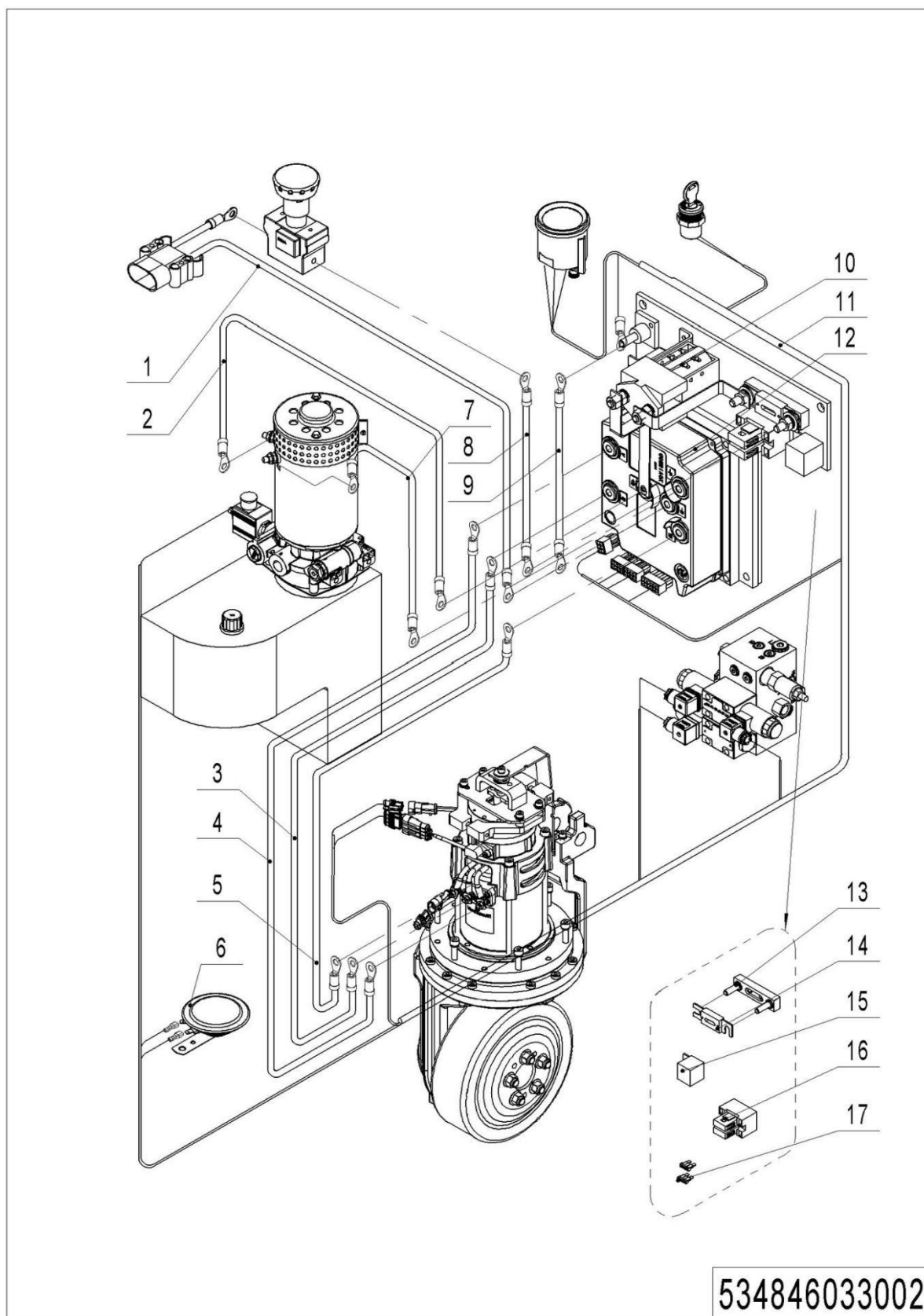
Chapter 6: Electrical Parts

01Wire Harness (534846033001)



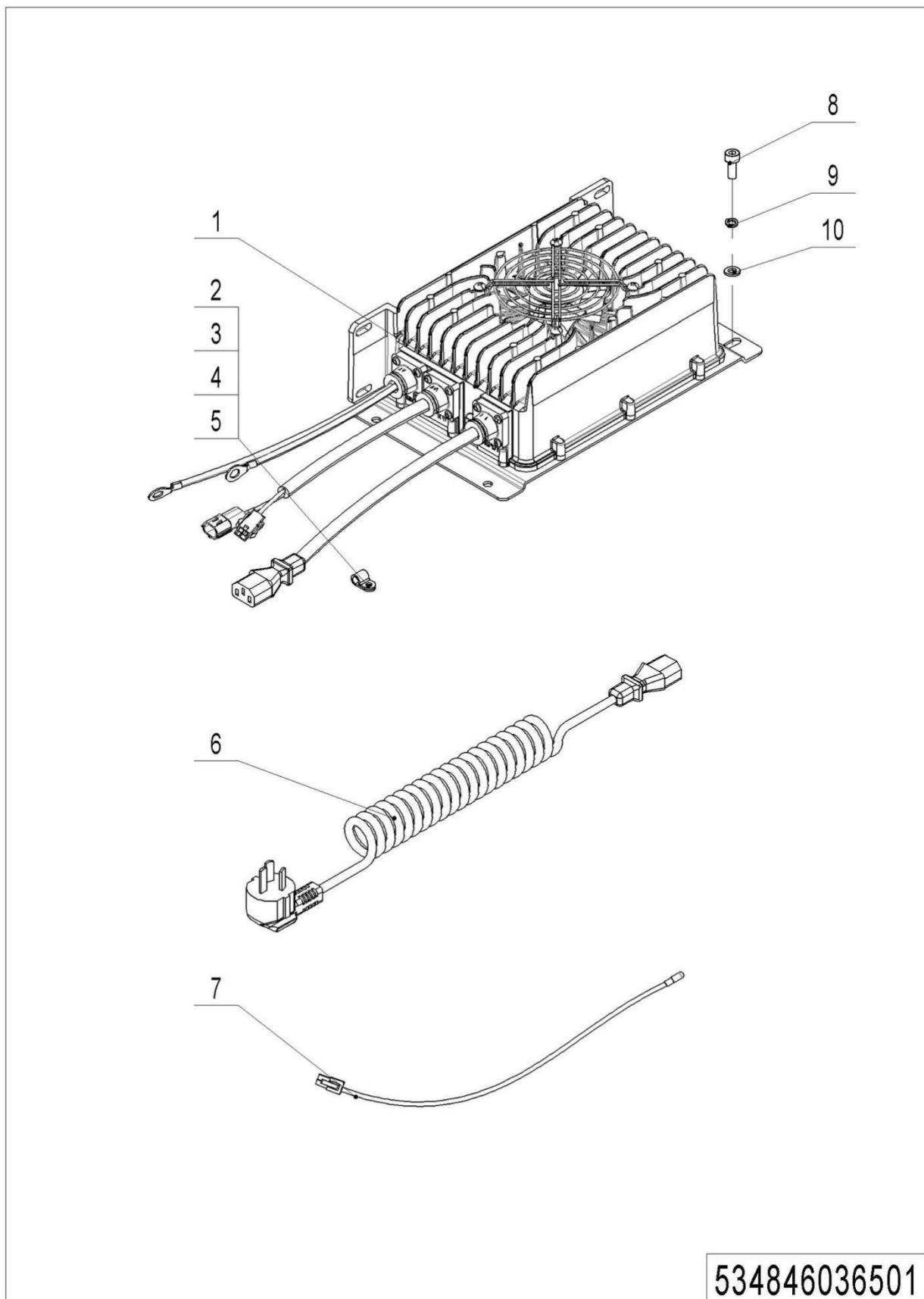
01 Wire Harness(534846033001)

No.	Item Code	Mar	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	535133210002		Controller	1		VIBO3.2kw
12	535133210005		Controller	1		HPI3.2kw
12	535133210014		Controller	1		VIBO3.2kw, Li
12	535133210017		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)

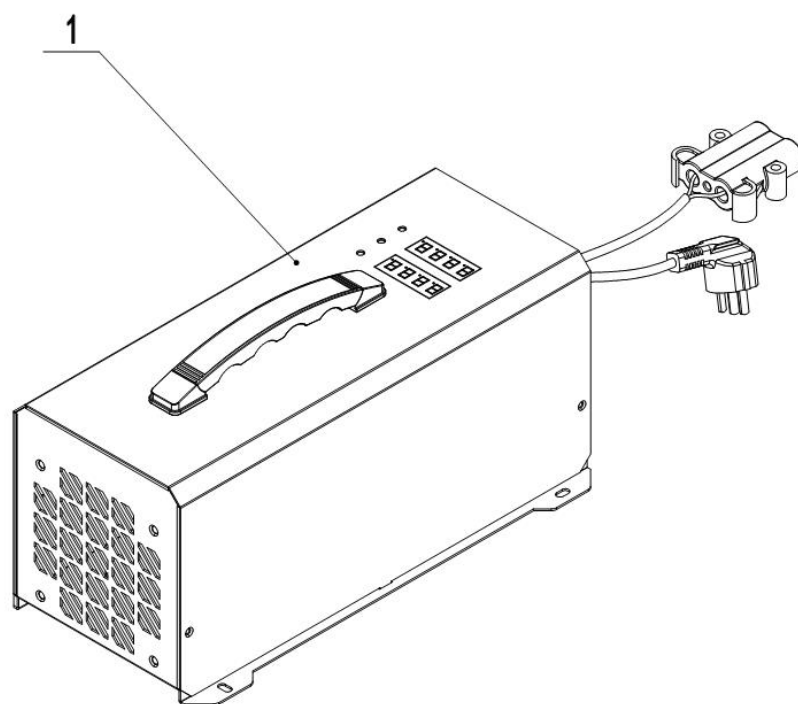
02 Wire Harness (Side-shift)(534746033002)

No.	Item Code	Mar	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	535133210008		Controller	1		VIBO3.2kw
12	535133210011		Controller	1		HPI3.2kw
12	535133210021		Controller	1		VIBO3.2kw, Li
12	535133210024		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)

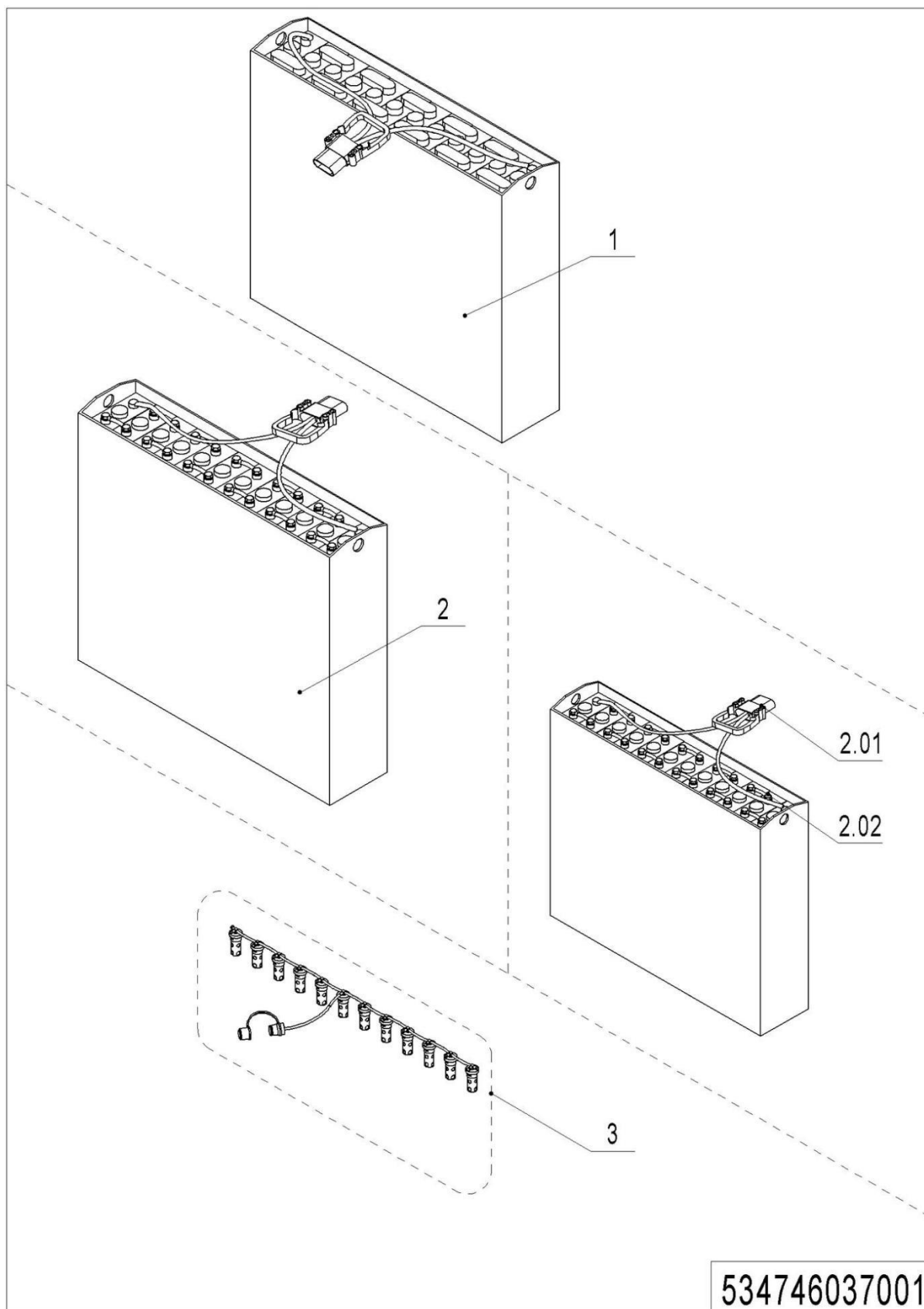
03 Charger(534846036501)

No.	Item Code	Mar	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		
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**

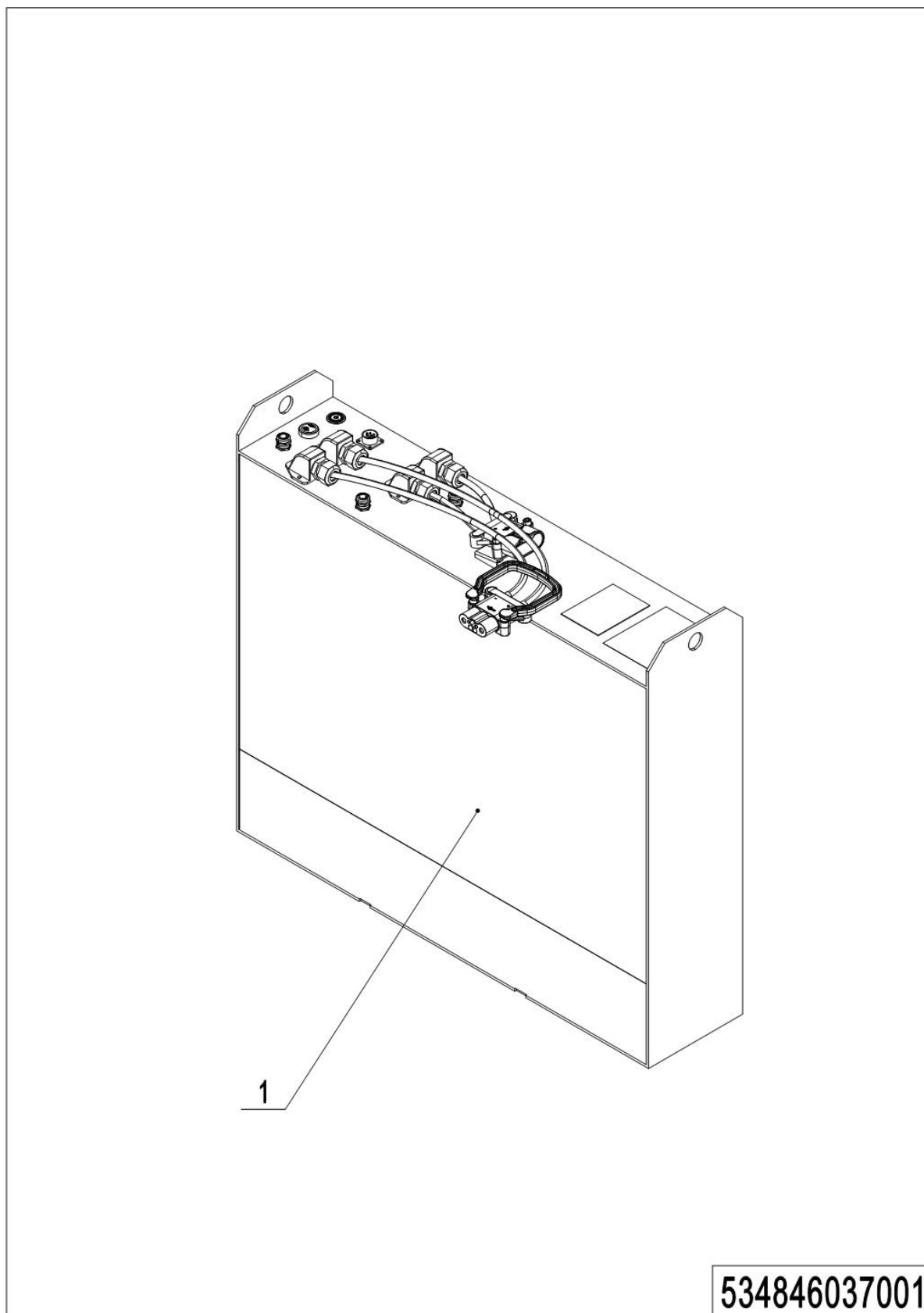
04 Charger(Li)(534846036502)

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)

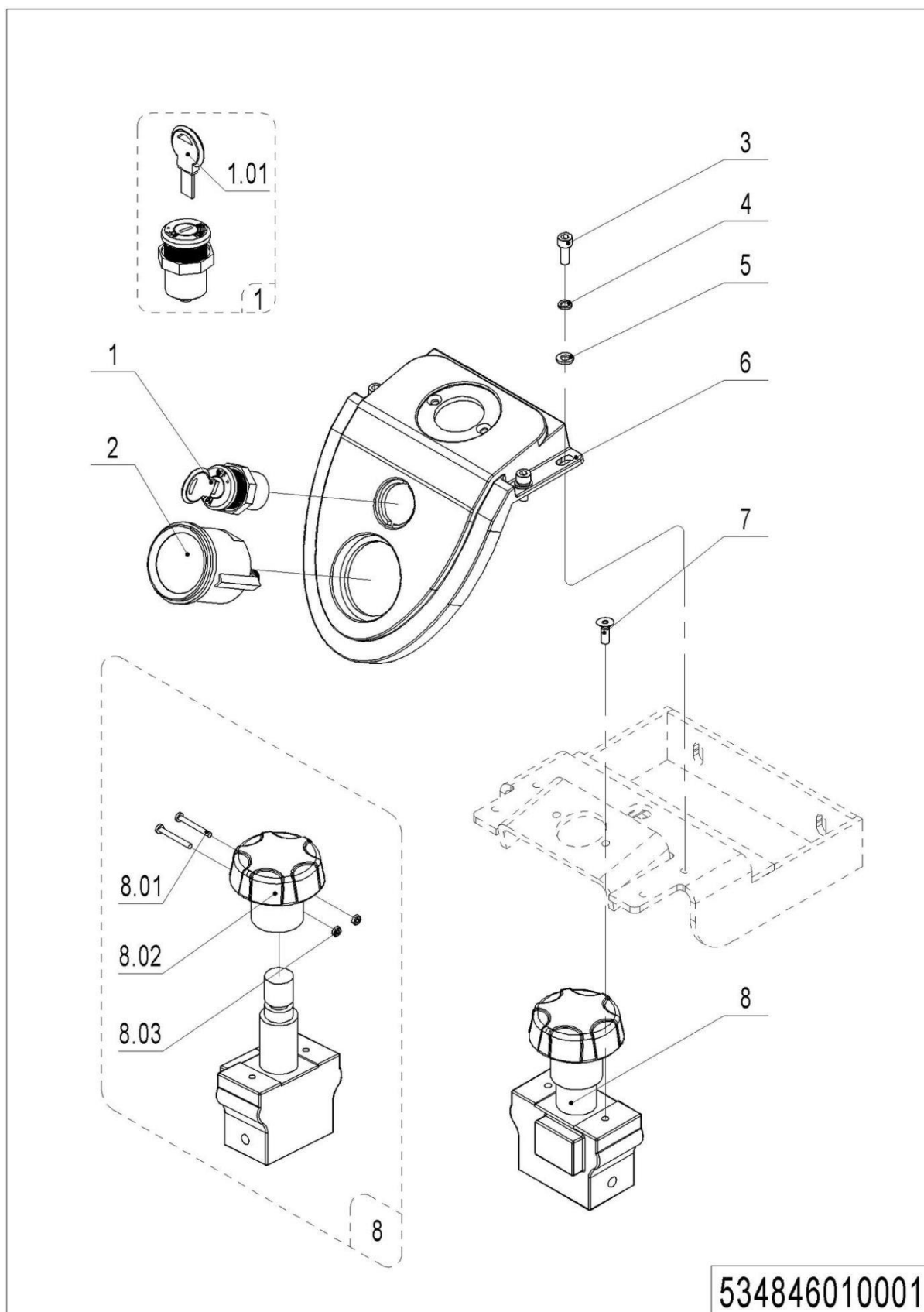
05 Traction Battery (534746037001)

No.	Item Code	Mar	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)

06 Traction Battery (Li) (534846037001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920600100340	2	Li-Battery24V150Ah	1		REMA80
1	920600100342	2	Li-Battery24V200Ah	1		REMA80
1	920600100634	2	Li-Battery24V200Ah	1		Anderson80
1	920600100633	2	Li-Battery24V150Ah	1		Anderson80

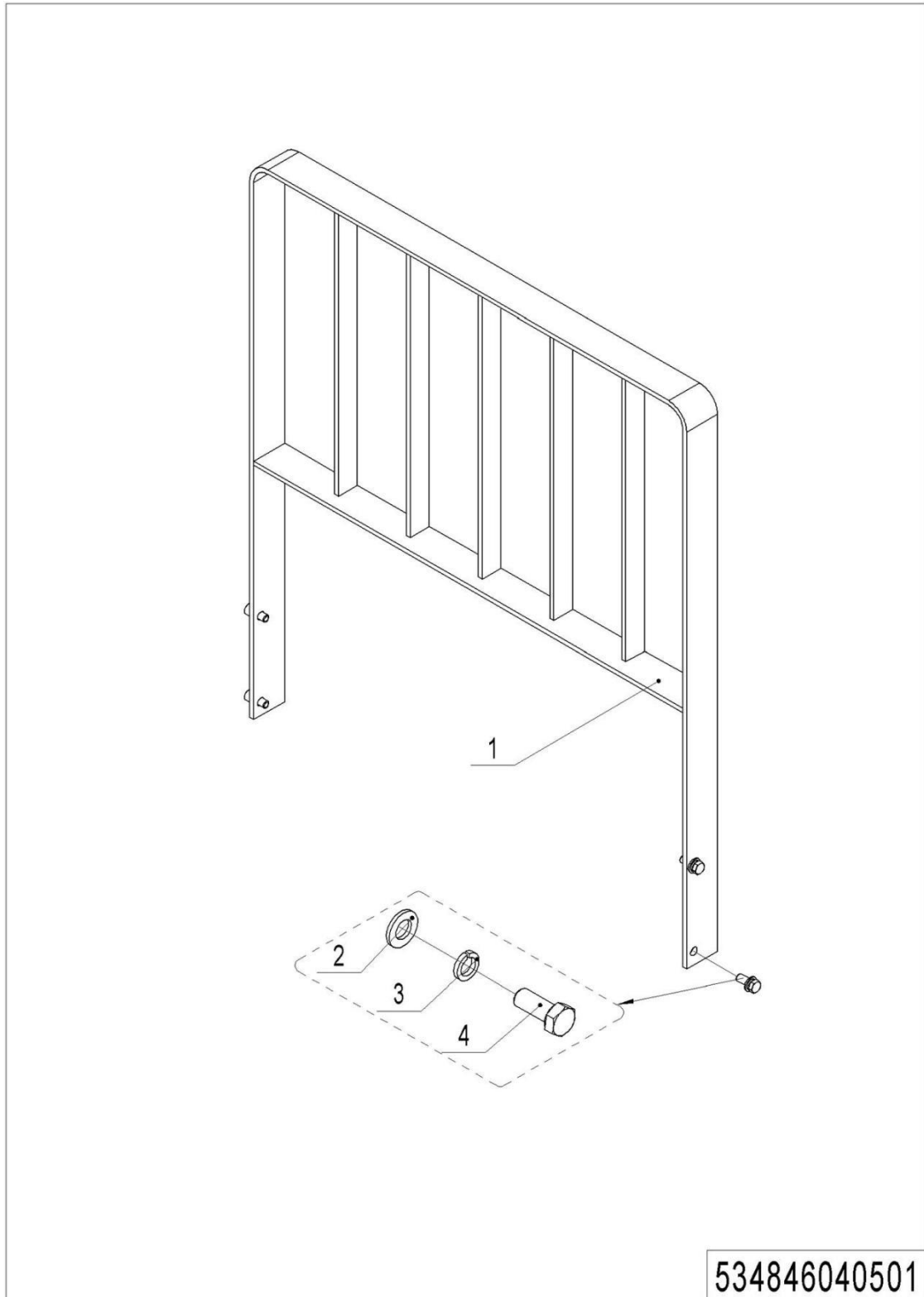
07 Display Assembly (534846010001)

07 Display Assembly(534846010001)

No.	Item Code	Mar	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		

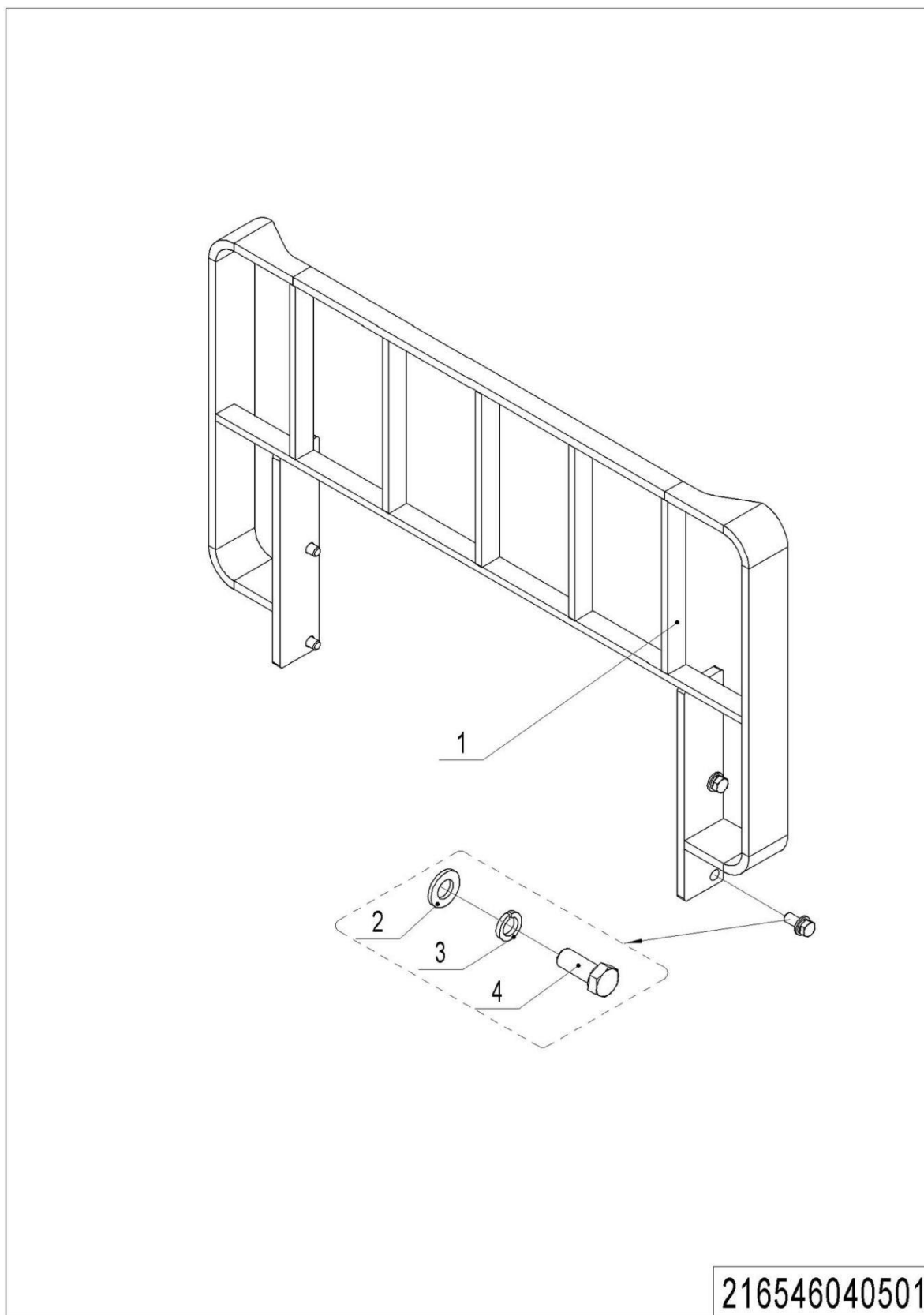
Chapter 7: Special Parts

01 Load Backrest (Optional) (534846040501)



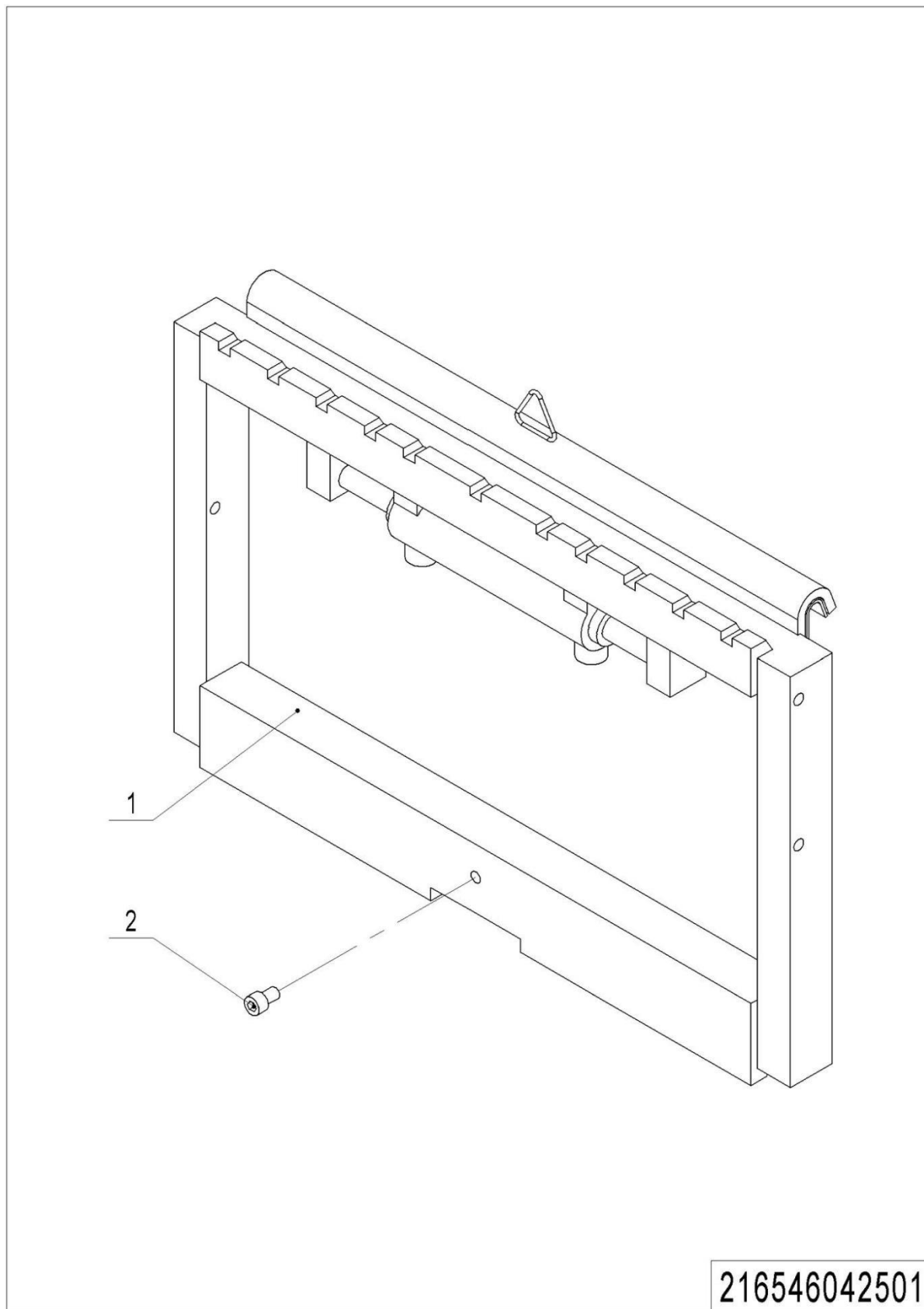
01 Load Backrest (Optional)(534846040501)

No.	Item Code	Mar	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	Mar	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)

03 Side-shifter (216546042501)

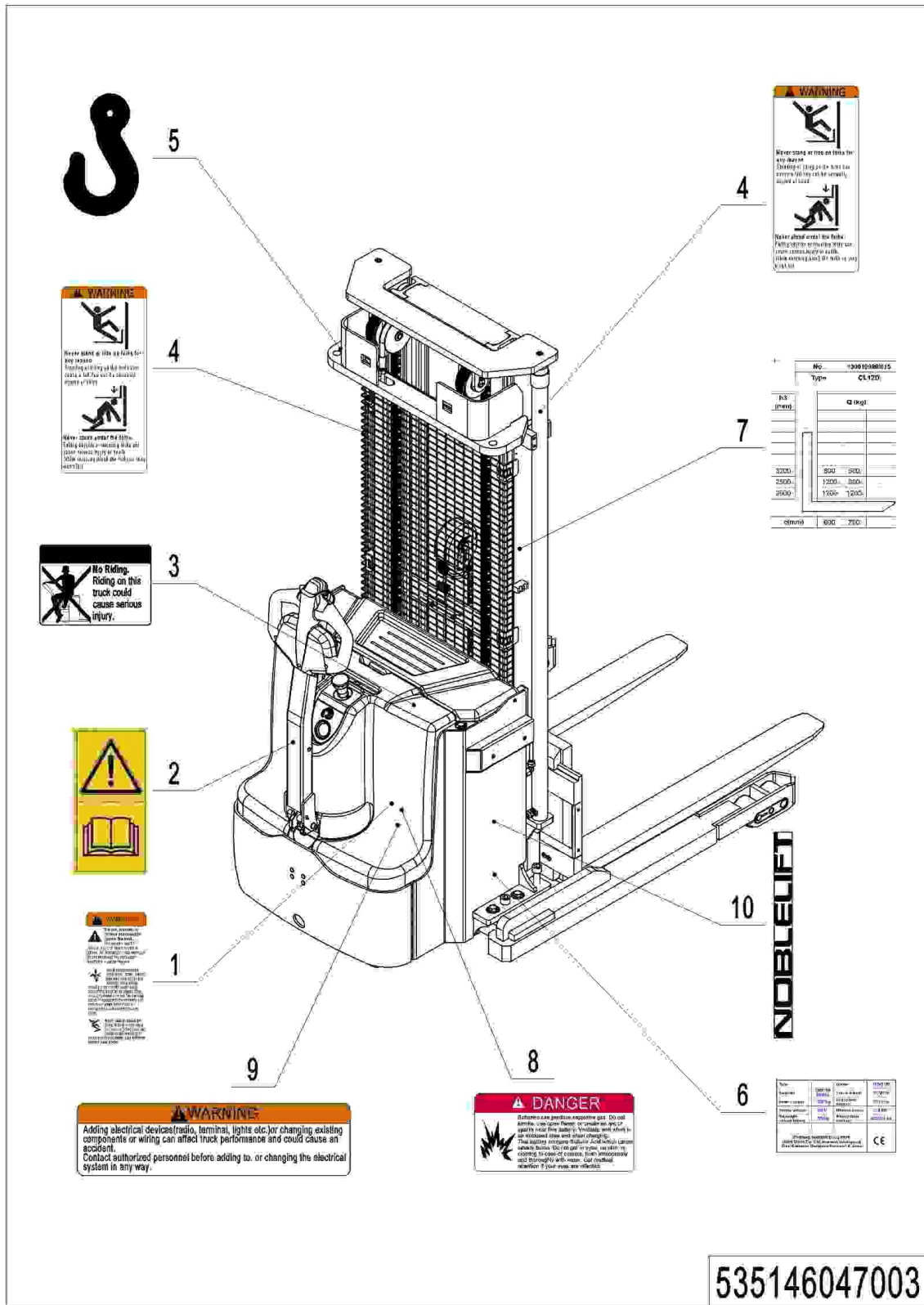
No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	940100200008		Side Shifter	1		LDSJ
1	940100200005		Side Shifter	1		Cascade
2	910200200074	1	Screw M10x16	1		

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)(535146047001)

No.	Item Code	Mar	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	535147502002		Load Capacity Diagram	2		Depends On Customer
7	535147502001		Identification Plate	1		

02 Label and Decal (USA)(535146047003)

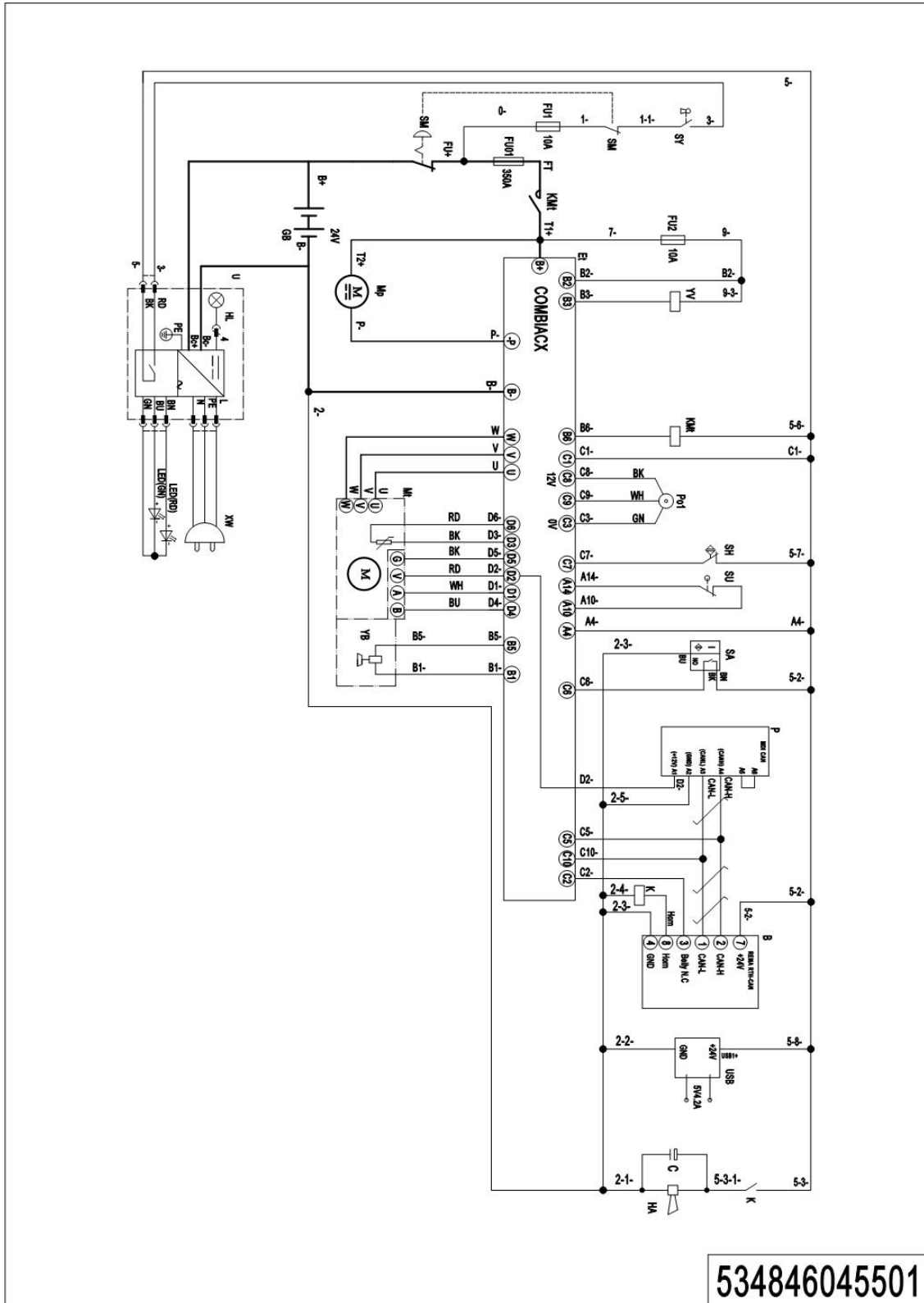


02 Label and Decal (USA)(535146047003)

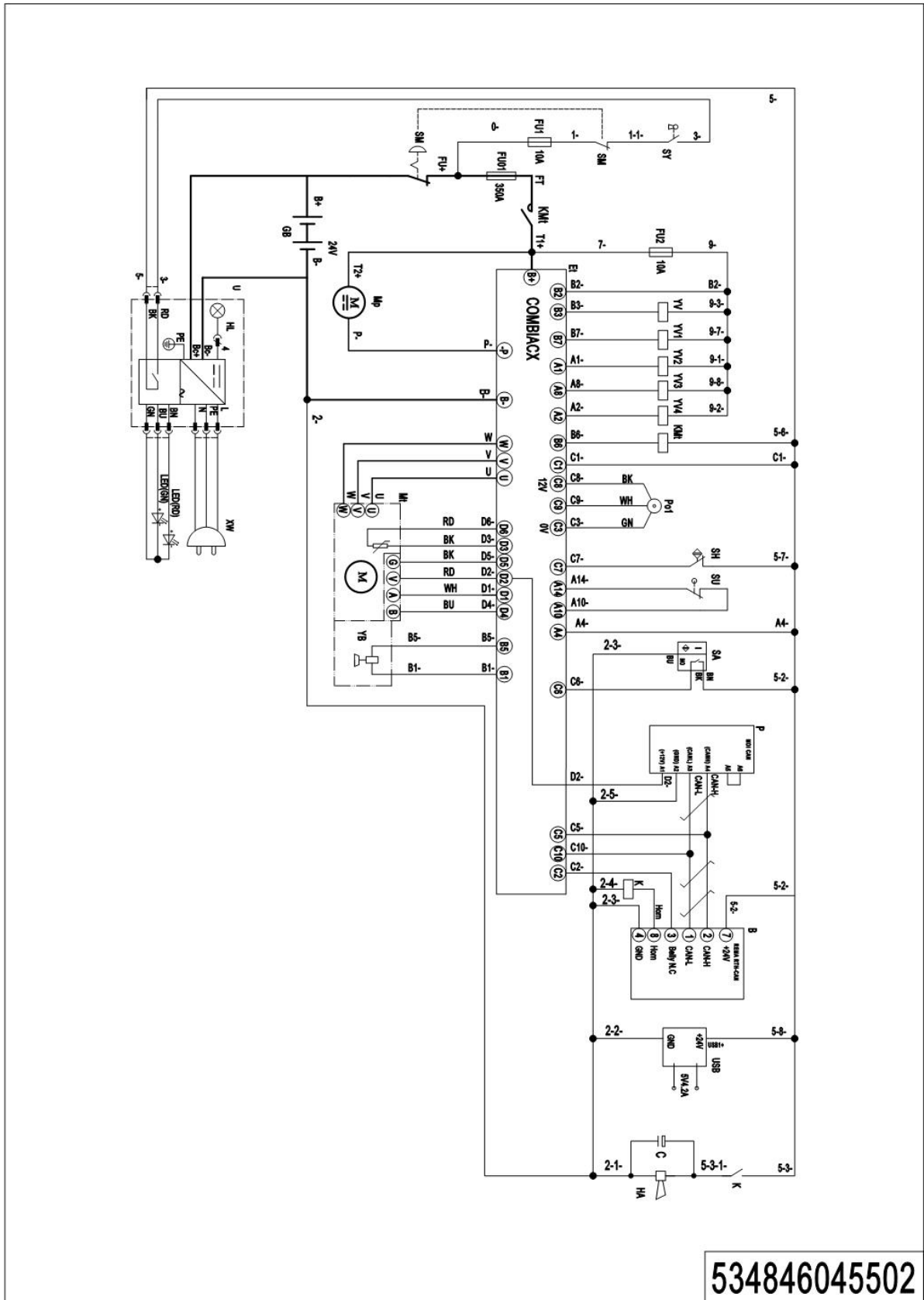
No.	Item Code	Mar	Item Description	Qty.	Substitute	Note
1	941200100009		Label	1		
2	941200300002		Label	1		
3	941200100011		Label	1		
4	941200100016		Label	1		
5	941200300001		Label	2		
6	535147502001		Identification Plate	1		
7	535147502002		Load Capacity Diagram	2		
8	941200100013		Label	1		
9	941200100010		Label	1		
10	941200500001		Label	2		Depends On Customer

Appendix

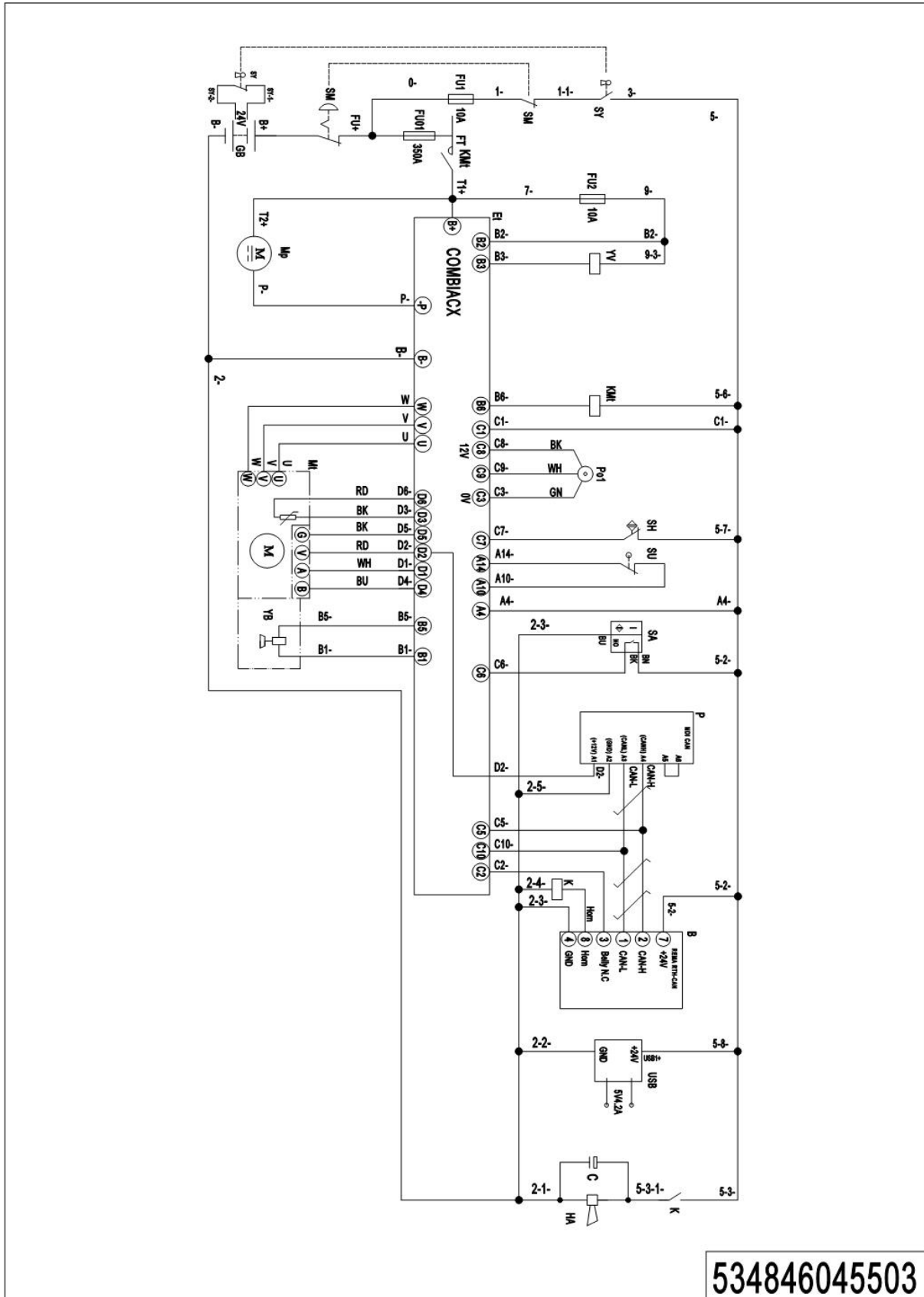
01 Electrical Circuit Diagram (534846045501)



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

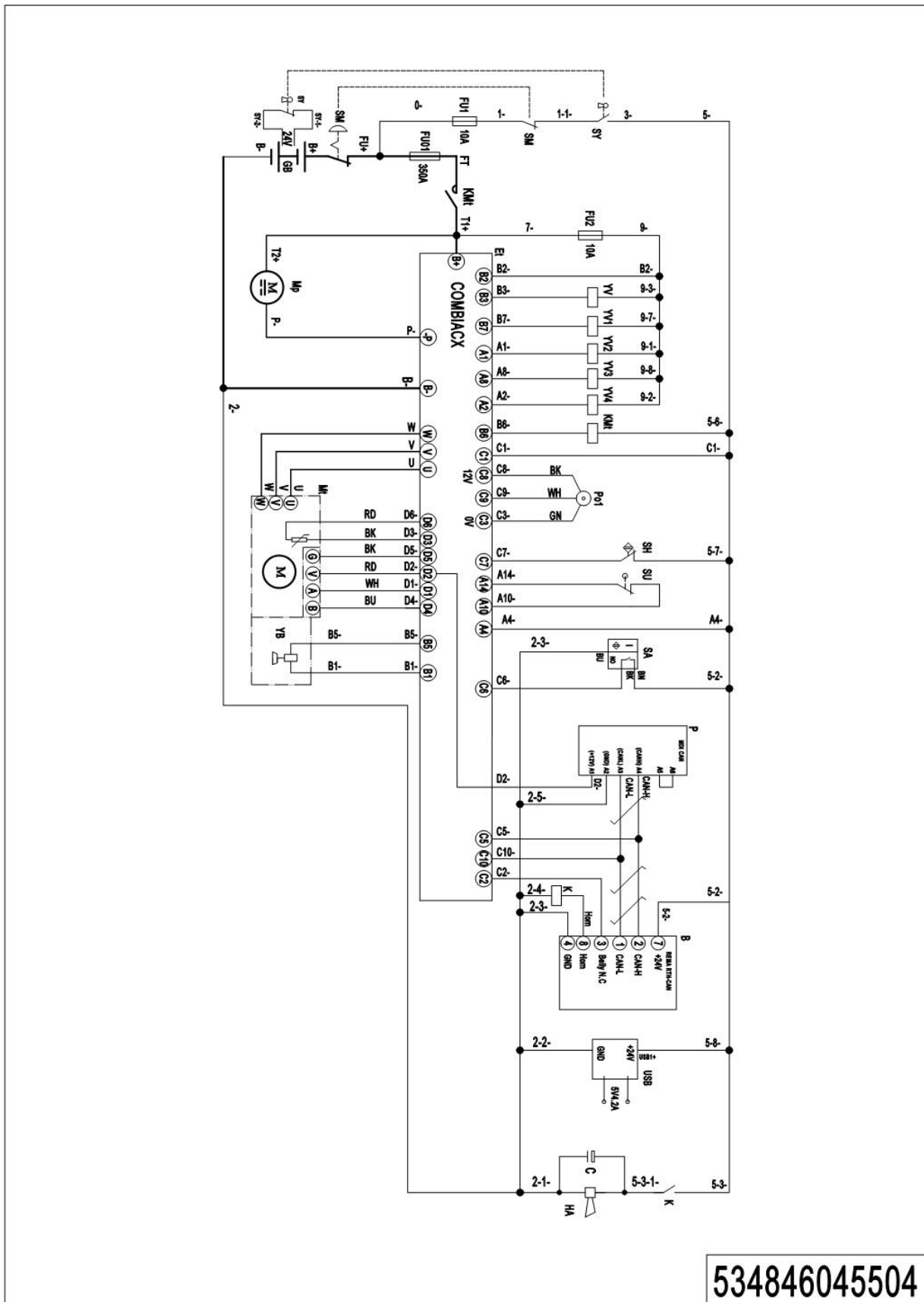


03 Electrical Circuit Diagram(Li) (534846045503)

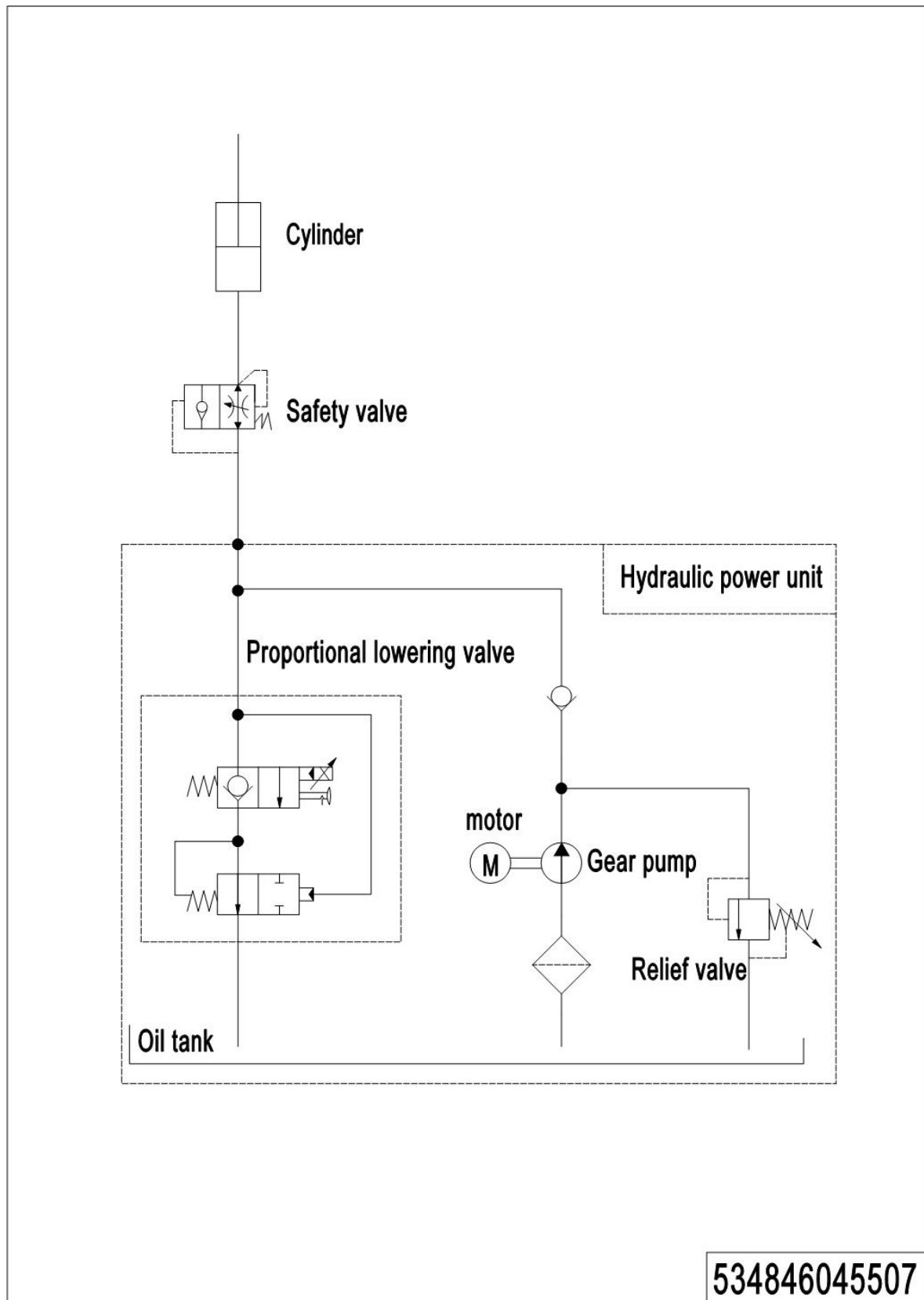


534846045503

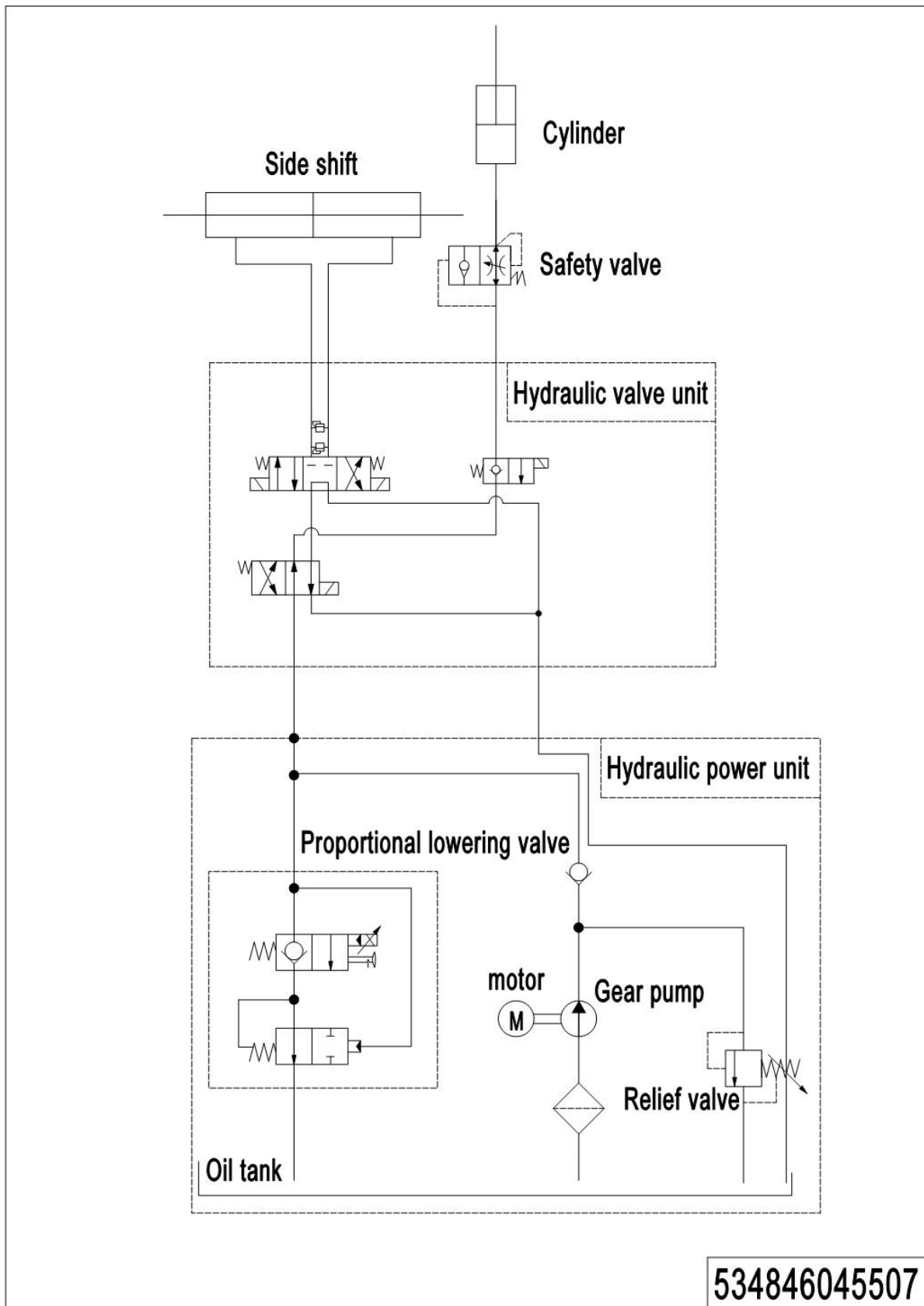
04 Electrical Circuit Diagram (Side-shift, Li)(534846045504)



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	535098510002	Seal Accessories	2	Chapter 4/01/18.01
3	534798510003	Seal Accessories	1	Chapter 4/01/43.01
4	535098510003	Seal Accessories	2	Chapter 4/02/16.01 Chapter 4/03/16.01
5	535098510000	Seal Accessories	2	Chapter 4/04/29.01 Chapter 4/05/37.01
6	534798510001	Seal Accessories	1	Chapter 4/04/52.01 Chapter 4/05/66.01
7	535098510001	Seal Accessories	1	Chapter 4/06/20.01
8	940400100011	Gas Spring	1	Chapter 5/01/9
9	910700200019	Bearing	12	Chapter 5/04/4.01 Chapter 5/05/18.02
10	940300300009	Wheel $\Phi 84 \times 70$	4	Chapter 5/04/4.02
11	940300300018	Wheel $\Phi 100 \times 40$	2	Chapter 5/04/18.01
12	910700500002	Bearing	2	Chapter 5/04/6
13	920100100013	Fuse	1	Chapter 6/01/14 Chapter 6/02/14
14	920100200002	Fuse	2	Chapter 6/01/17 Chapter 6/02/17