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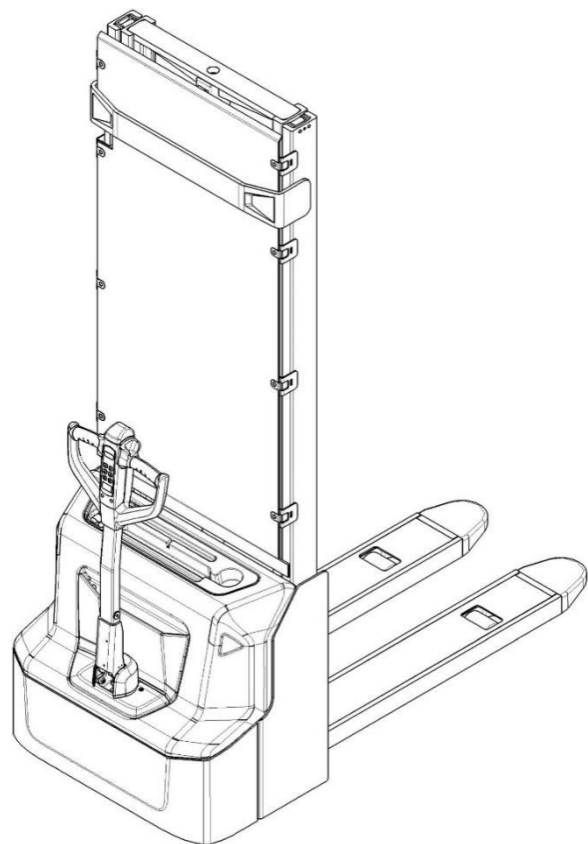


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Electric Pallet Stacker PSE12B/PSE12N

PARTS MANUAL

532246020101



Version: V07

Truck Identification Number From:

Parts Manual PSE12B/PSE12N-PM07EN

Please order parts from authorized dealers of Noblelift Intelligent Equipment Co., LTD. In order to avoid wrong delivery, all the orders for spare parts should specify the following items:

- Truck model, identification number and manufacture year.
- Orders for spare parts of mast, hydraulic transmission unit, steering axle, motor, etc. shall indicate the manufacture number of these parts.
- Codes for Noblelift spare parts are shown in the table of parts manual. Please also pay attention to the description of supply status, order quantity, etc. (check the number listed in "Mark" column of the parts manual).

"Mark" Column:

The unmarked indicates the parts are in short supply cycle.

Number 1: supply as package. Indicating these that parts are small parts and seal parts, which are supplied in package unit and in short supply cycle.

Number 2: supply with constraints. Indicating that these spare parts are not in stock and will be prepared for production after receiving the order from customers, which are in long supply cycle.

Number 3: phasing-out supply. Indicating that these parts will be replaced by new parts due to technical improvements and the current stock will not be available when these parts run out. Please check the description of technical improvements notice.

Number 4: supply as assembly. Indicating that these parts are assembly parts defined by manufacture process, which cannot be supplied as a single part.

Number 5: check other tables.

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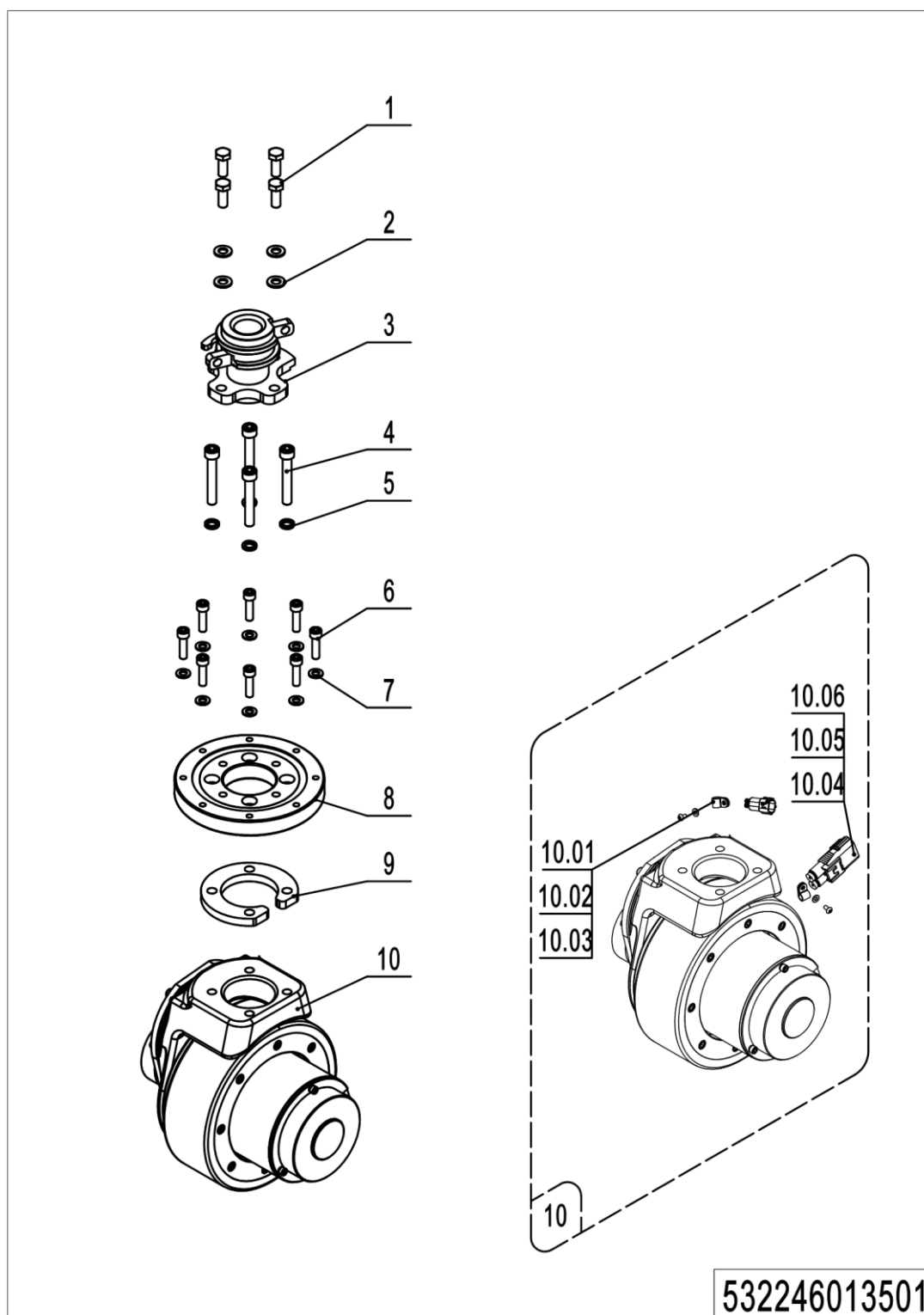
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Chapter 1: Drive system

01 Drive unit (532246013501)

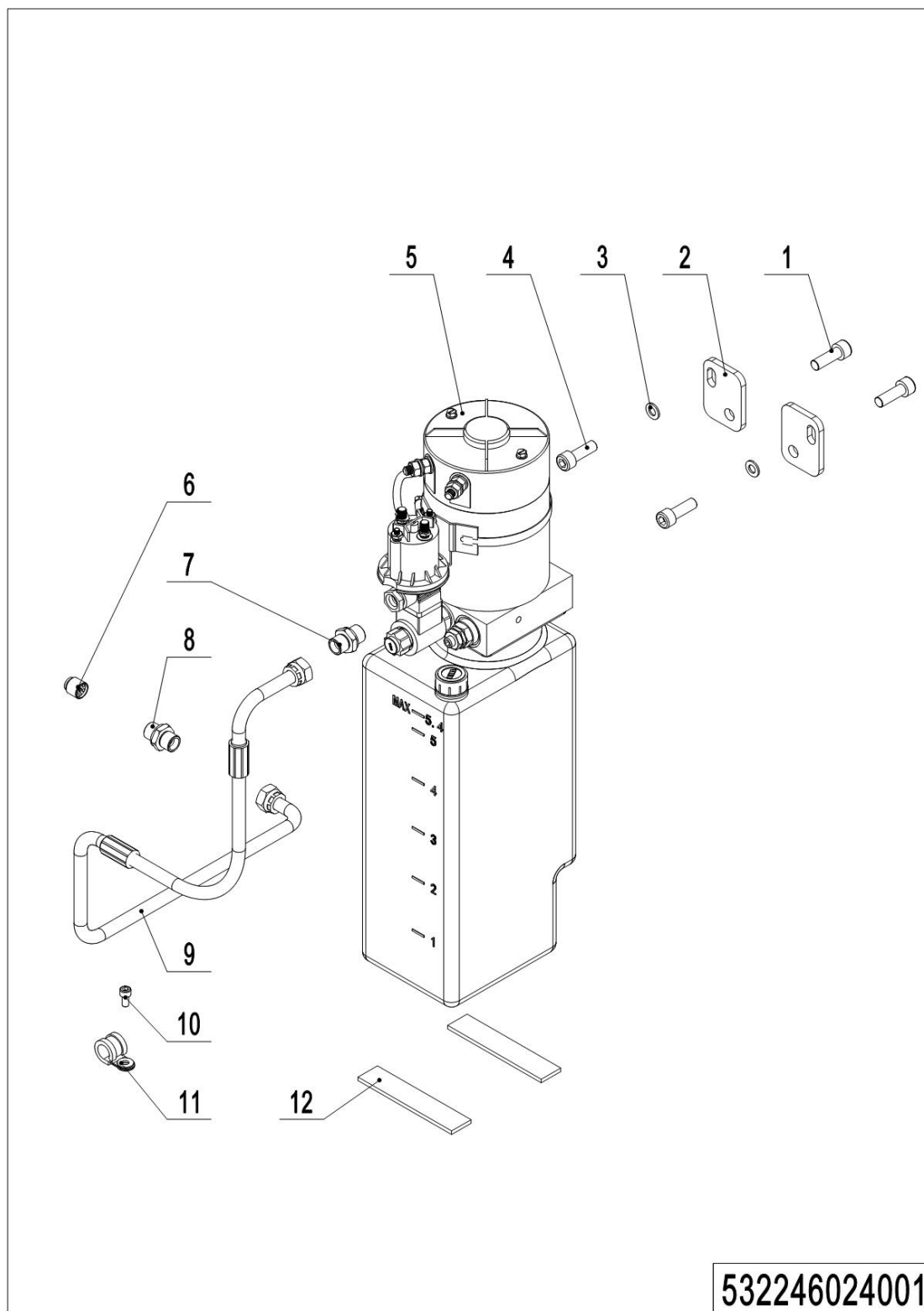


01 Drive unit (532246013501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910100300036	1	Bolt	4		
2	910400100007	1	Flat Washer	4		
3	532231210005		Drive Shaft	1		
4	910200200079	1	Screw	4		
5	910400500007	1	Spring Washer	4		
6	910200200138	1	Screw	8		
7	910400100006	1	Flat Washer	8		
8	532213520001		Slewing Bearing	1		
9	532213520002		Plate	1		
10	508098510078	5	Drive Assembly (ZD)	1		ZD
10	508098510079	5	Drive Assembly (ZD)	1		ZD, Anti-skip wheel
10	508013510002		Drive Assembly (YX)	1		YX
10	508013510005		Drive Assembly (YX)	1		YX, Anti-skip wheel
10.01	910200700001	1	Screw	2		
10.02	910400100003	1	Flat Washer	2		
10.03	921300200001		Cable Clamp	2		
10.04	920400200169	1	Connector	1		
10.05	920400200171	1	Connector	2		
10.06	920400200172	1	Connector	2		

Chapter 2: Hydraulic system

01 Hydraulic unit (532246024001)

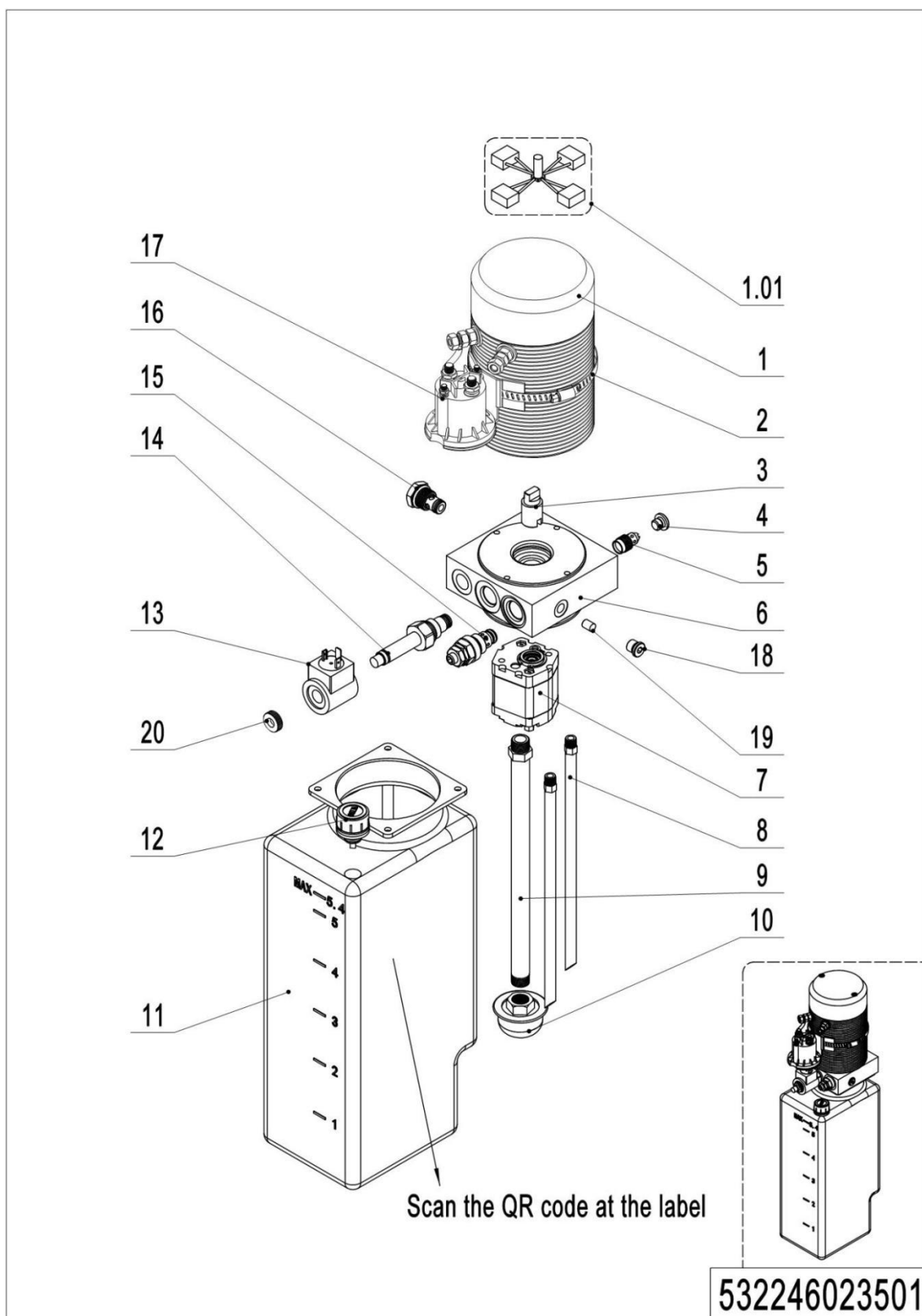


1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

01 Hydraulic unit (532246024001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200074	1	Screw	2		
2	532223520001		Plate	2		
3	910400100006	1	Flat Washer	2		
4	910200200053	1	Screw	2		
5	950900100102	5	Pump Unit	1		Check 532246023501
5	950900100101	5	Pump Unit	1		Check 532246023502
6	950600300001		Safety Valve	1		
7	950400300007		Joint	1		
8	950400400003		Joint	1		
9	532224020001		Hose	1		
10	910200200033	1	Screw	1		
11	951000100003		Hose Clamp	1		
12	532223520010		Crash Pad	2		

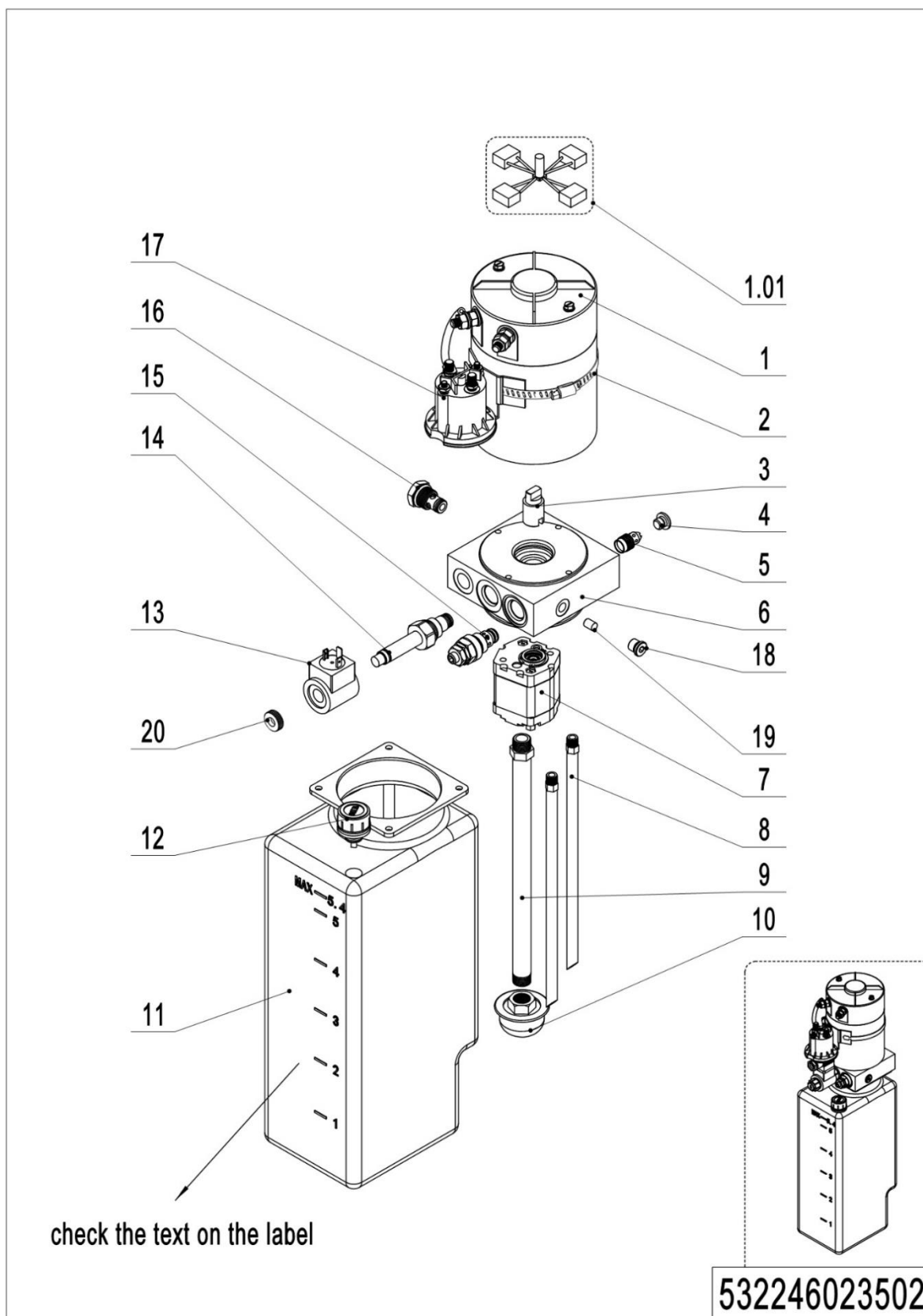
02 Pump unit (532246023501)



02 Pump unit (532246023501)

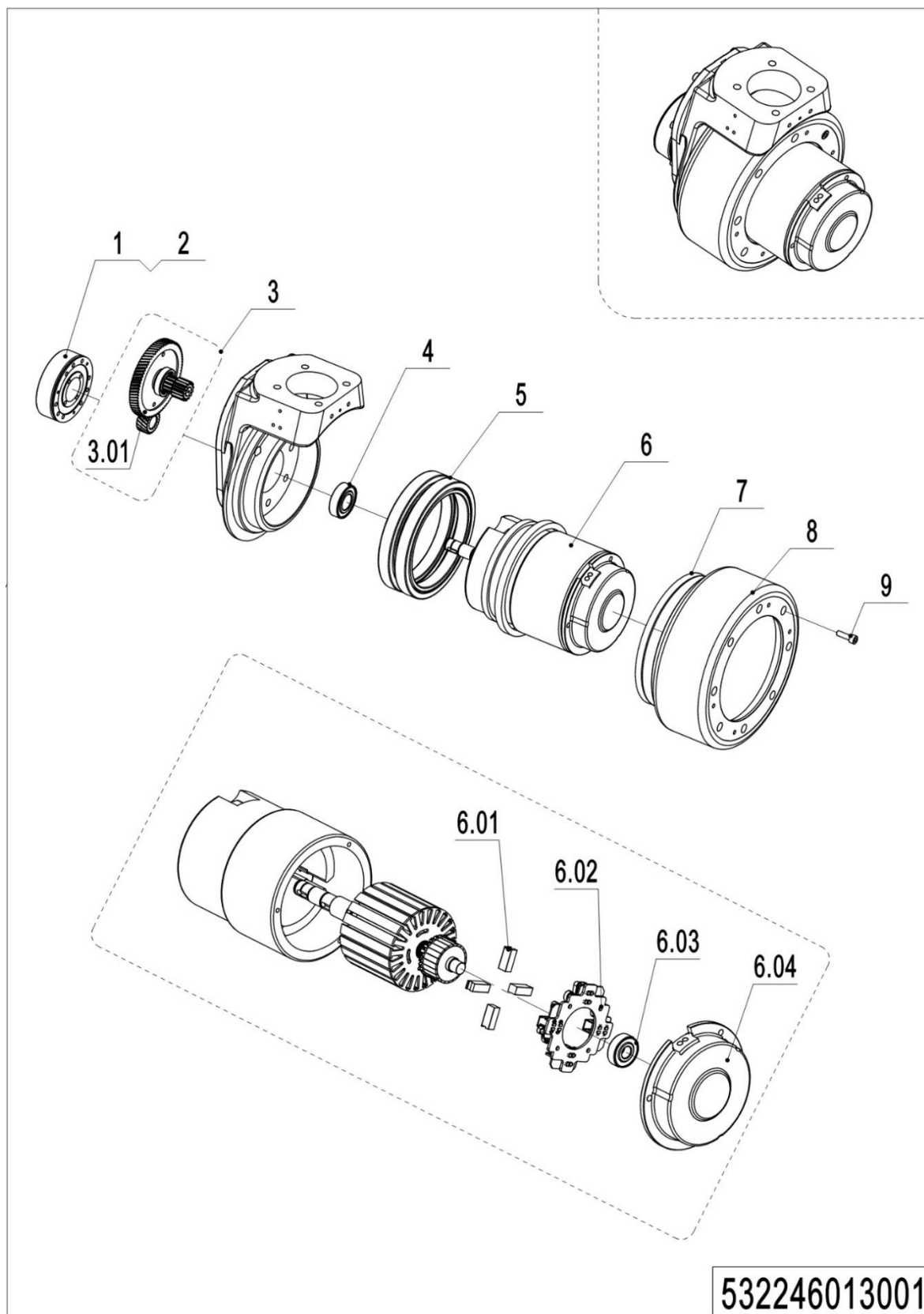
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100102		Pump Unit	1		WB
1	532298510056		Motor	1		
1.01	532298510058		Carbon Brush	1		
2	532298510040		Hose Clamp	1		
3	532298520007		Coupling	1		
4	532298520003		End Cap	1		
5	532298510059		Valve	1		
6	532298510060		Valve Block	1		
7	532298510057		Gear pump	1		
8	532298520004		Pipe	2		
9	532298520005		Oil Tube	1		
10	532298510031		Filter	1		
11	532298510029		Tank	1		
12	532298510030		Cap-Tank	1		
13	532298510034		Coil	1		
14	532298510033		Magnetic Valve	1		
15	532298510044		Overflow valve	1		
16	532298510028		Check Valve	1		
17	532298510036		Switch	1		
18	532298510061		End Cap	1		
19	532298520010		Throttle screw	1		
20	532298520011		Nut	1		

03 Pump unit (532246023502)



03 Pump unit (532246023502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	950900100101		Pump Unit	1		YX
1	920900100131		Motor	1		
1.01	532298510107		Carbon Brush	1		
2	950998500009		Hose Clamp	1		
3	950998500008		Coupling	1		
4	950998500005		End Cap	1		
5	950998500004		Valve	1		
6	950600600007		Valve Block	1		
7	950800200015		Gear pump	1		
8	950998500012		Pipe	2		
9	950998500011		Oil Tube	1		
10	950998500010		Filter	1		
11	951100100006		Tank	1		
12	951100200007		Cap-Tank	1		
13	532298510034		Coil	1		
14	950998500001		Magnetic Valve	1		
15	950998500002		Overflow valve	1		
16	950998500003		Check Valve	1		
17	920700100026		Switch	1		
18	950998500006		End Cap	1		
19	532298520018		Throttle screw	1		
20	532298520011		Nut	1		

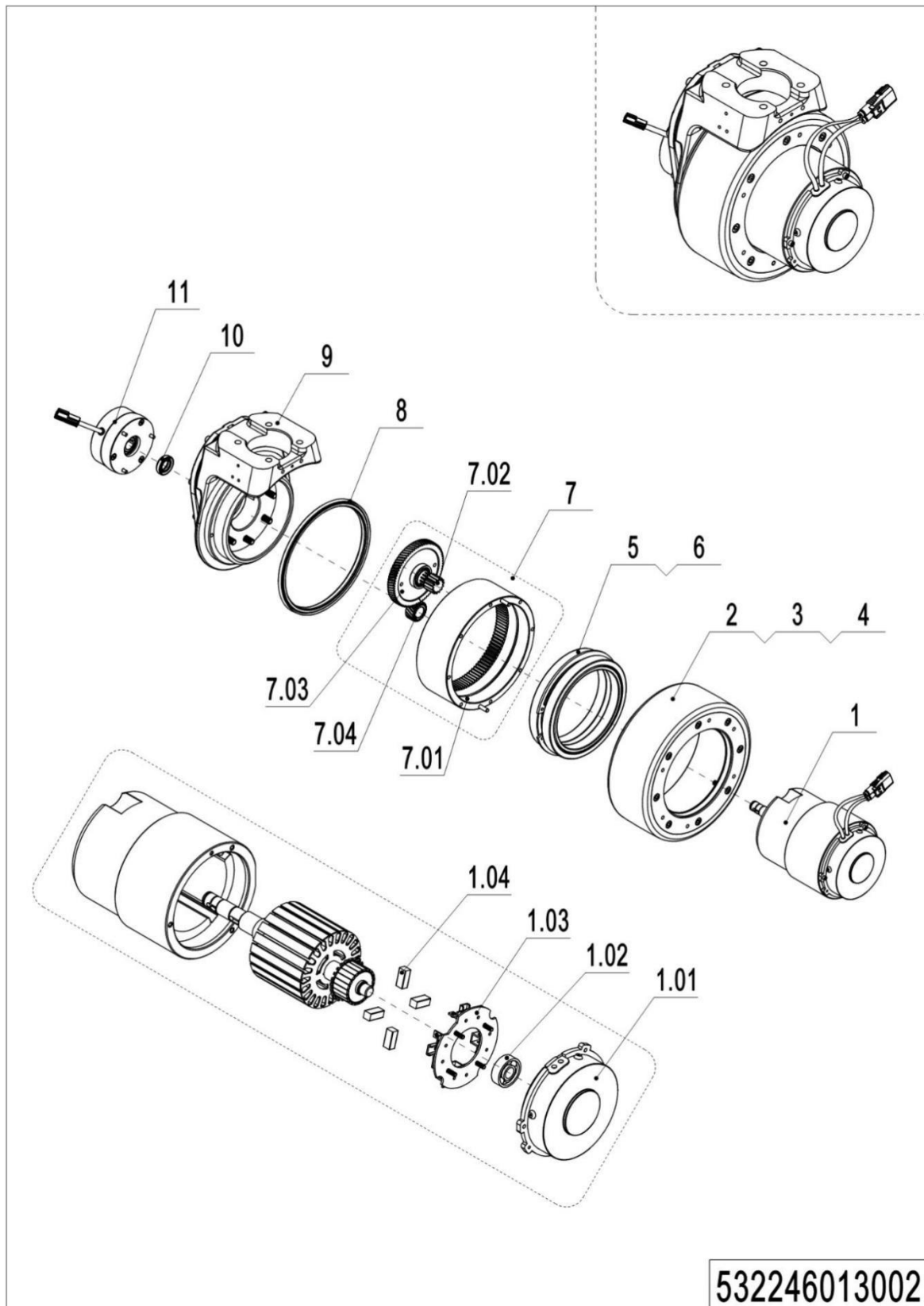
02 Drive Assembly (ZD) (532246013001)

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

02 Drive Assembly (ZD) (532246013001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	508098510078		Drive Assembly (ZD)	1		PU wheel
--	508098510079		Drive Assembly (ZD)	1		Anti-skip wheel
1	508098520002	2	Brake	1		ZD,6NM
2	508098520040		Rubber Strip	1		
3	508098510015	2	Gear Components	1		
3.01	508098520004		Gear	1		
4	910700200004		Bearing	1		
5	508098520011	2	Gear Ring	1		
6	508098510071		Motor	1		Waterproof plug
6.01	508098520000	2	Carbon Brush	4		
6.02	508098520001	2	Carbon Brush Holder	1		
6.03	910700200016		Bearing	1		
6.04	508098520036	2	End Cap	1		
7	508098520032		Seal	1		
8	508098520003		Wheel	1		
8	508098520026		Wheel	1		Anti-skip wheel
9	910200200167		Screw Kits	8		

03 Drive Assembly (YX) (532246013002)



532246013002

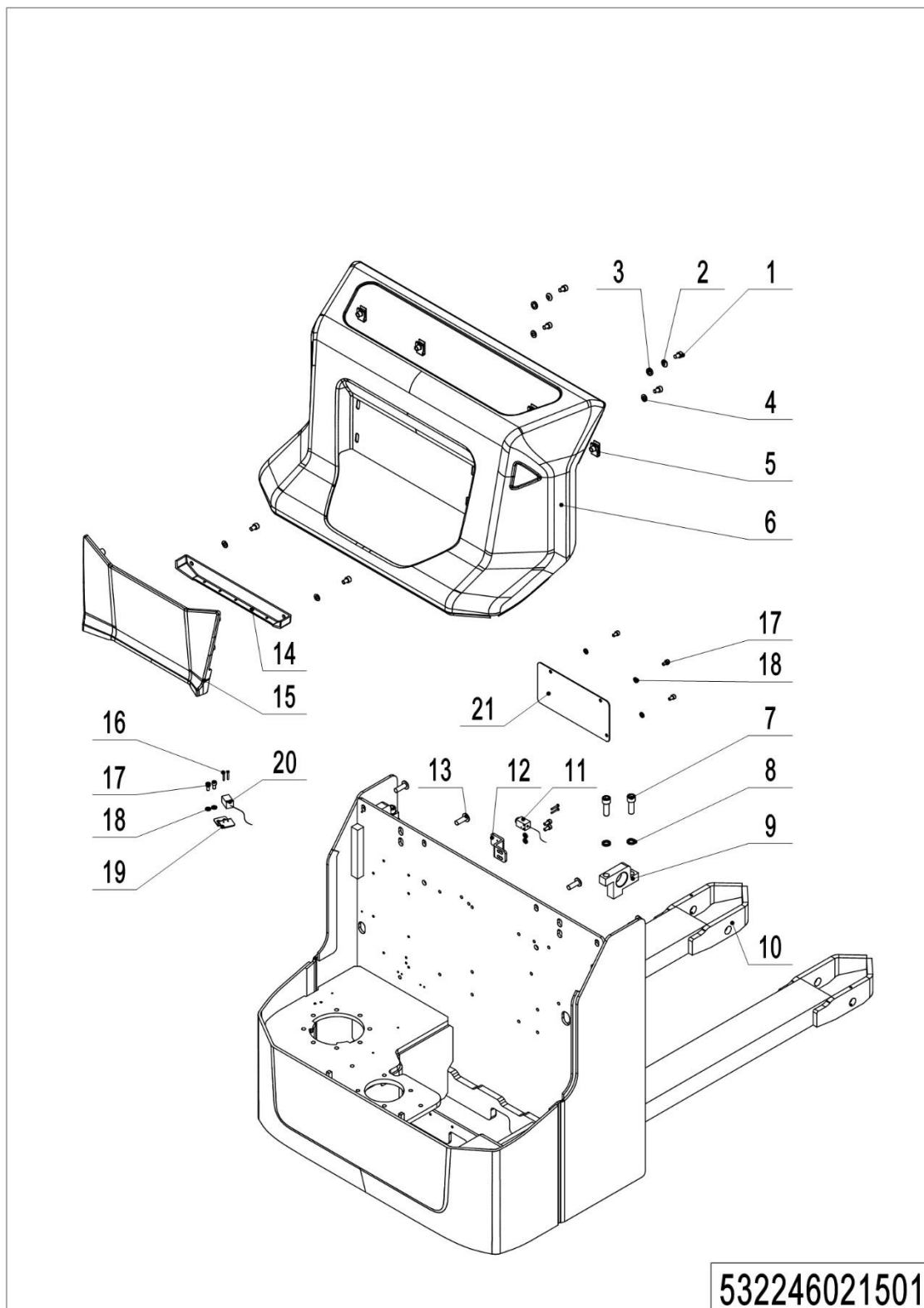
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03 Drive Assembly (YX) (532246013002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	508013510002		Drive Assembly (YX)	1		YX
--	508013510005		Drive Assembly (YX)	1		YX, Anti-skip wheel
1	508098510158		Motor	1		Waterproof plug
1.01	507798520022		End Cap	1		
1.02	910700200016		Bearing	1		
1.03	507798520024		Carbon Brush Holder	1		
1.04	507798520023		Brush	4		
2	961004000009		Wheel	1		
2	961004200001		Wheel	1		Anti-skip wheel
3	961004000011		Oil seal	1		
4	910200200167		Screw	8		
5	910700200044		Bearing	2		
6	961004000007		Sleeve	1		
7	507798510006		Gear Components	1		
7.01	961004000006		Gear	1		
7.02	961004000003		Gear Shaft	1		
7.03	961004000002		Gear	1		
7.04	961004000005		Gear	1		
8	961004000010		Oil seal	1		
9	507798510007		Gearbox	1		
10	961000700012		Oil seal	1		
11	940700100015		Brake	1		STEKI

Chapter 3: Truck structure

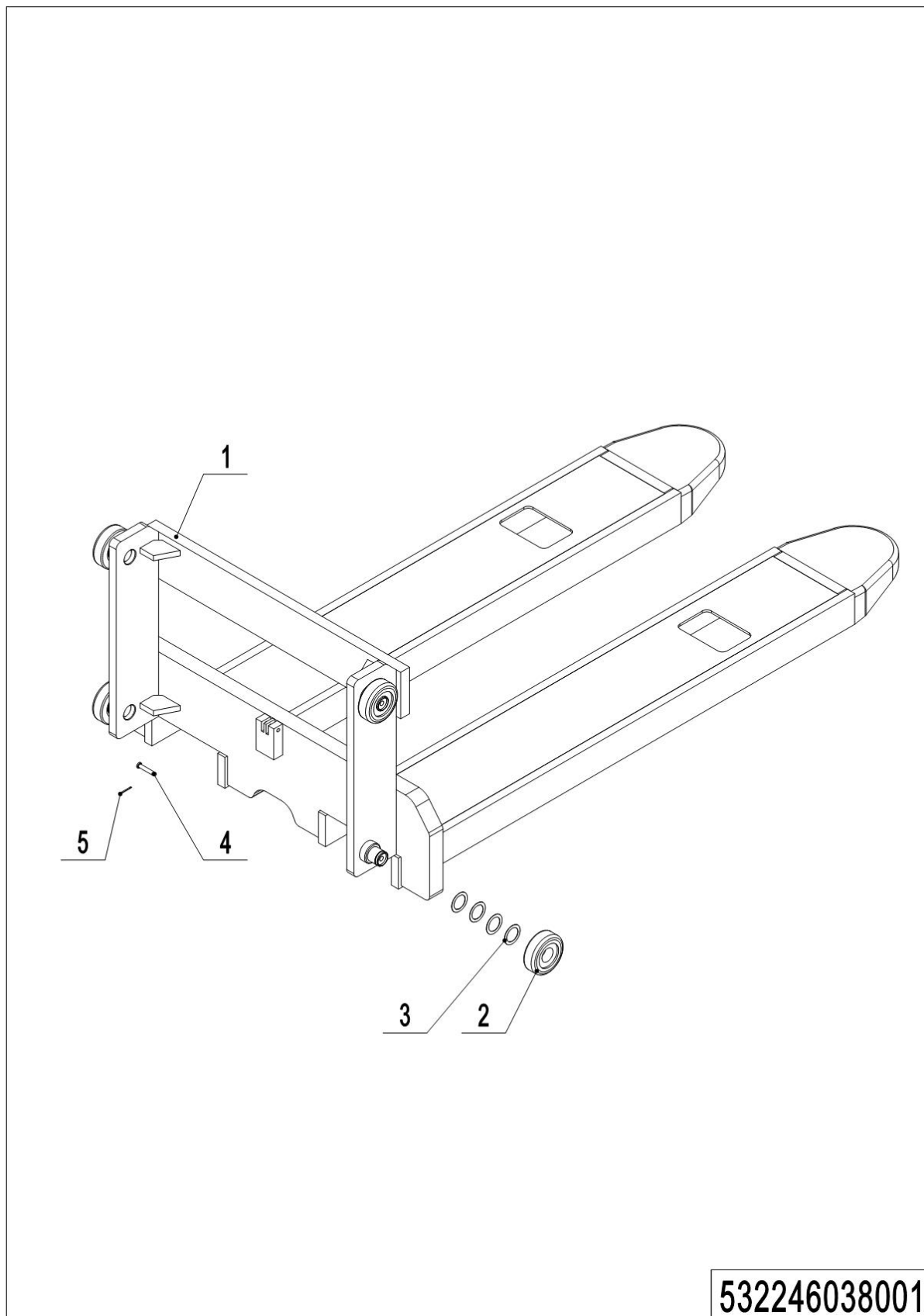
01 Truck frame (532246021501)



1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

01 Truck frame (532246021501)

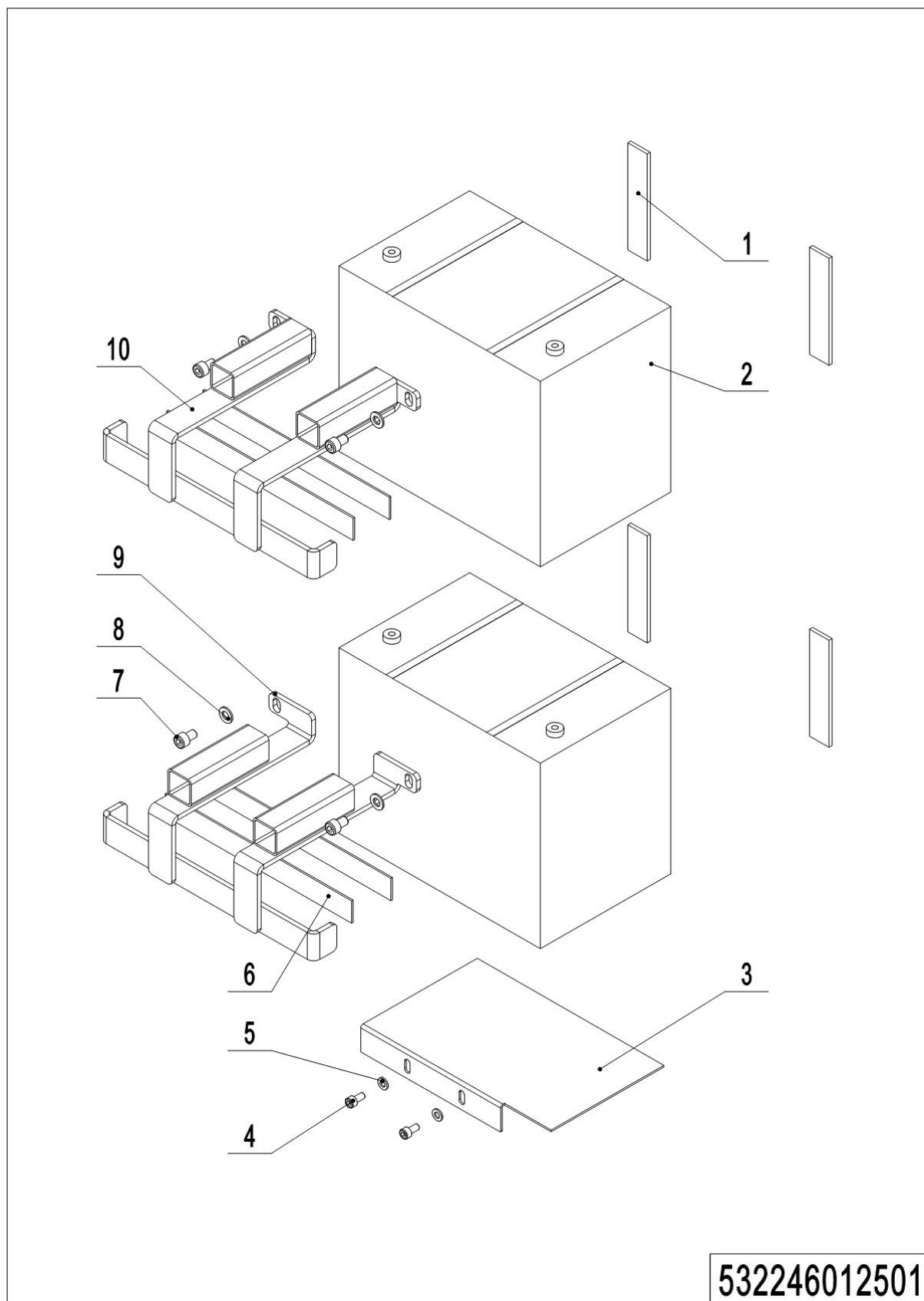
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	910200200053	1	Screw	6		
2	910400600004	1	Spherical Washer	2		
3	910400700004	1	Cone Washer	2		
4	910400100006	1	Flat Washer	4		
5	940400400003		Cage Nut	4		
6	532221510003		Cover	1		
7	910200200099	1	Screw	4		
8	910400500008	1	Spring Washer	4		
9	532221520020		Mounting Plate	2		
10	532221510004	2	Chassis(570x1150)	1		570x1150
10	532221510005	2	Chassis(685x1150)	1		685x1150
11	920200400030		Proximity Switch	1		Single mast
12	532243020012		Mounting Plate	1		Single mast
13	941100100004	1	Screw	4		
14	532221520025		Cover	1		
15	532221520024		Panel	1		
16	910200500015	1	Screw	2		Two-stage mast
16	910200500015	1	Screw	4		Single mast
17	910200200033	1	Screw	5		Two-stage mast
17	910200200033	1	Screw	7		Single mast
18	910400100005	1	Flat Washer	5		Two-stage mast
18	910400100005	1	Flat Washer	7		Single mast
19	532231220021		Mounting Plate	1		
20	920200400029		Proximity Switch	1		
21	532221520030		Plate	1		

02 Forks (532246038001)

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

02 Forks (532246038001)

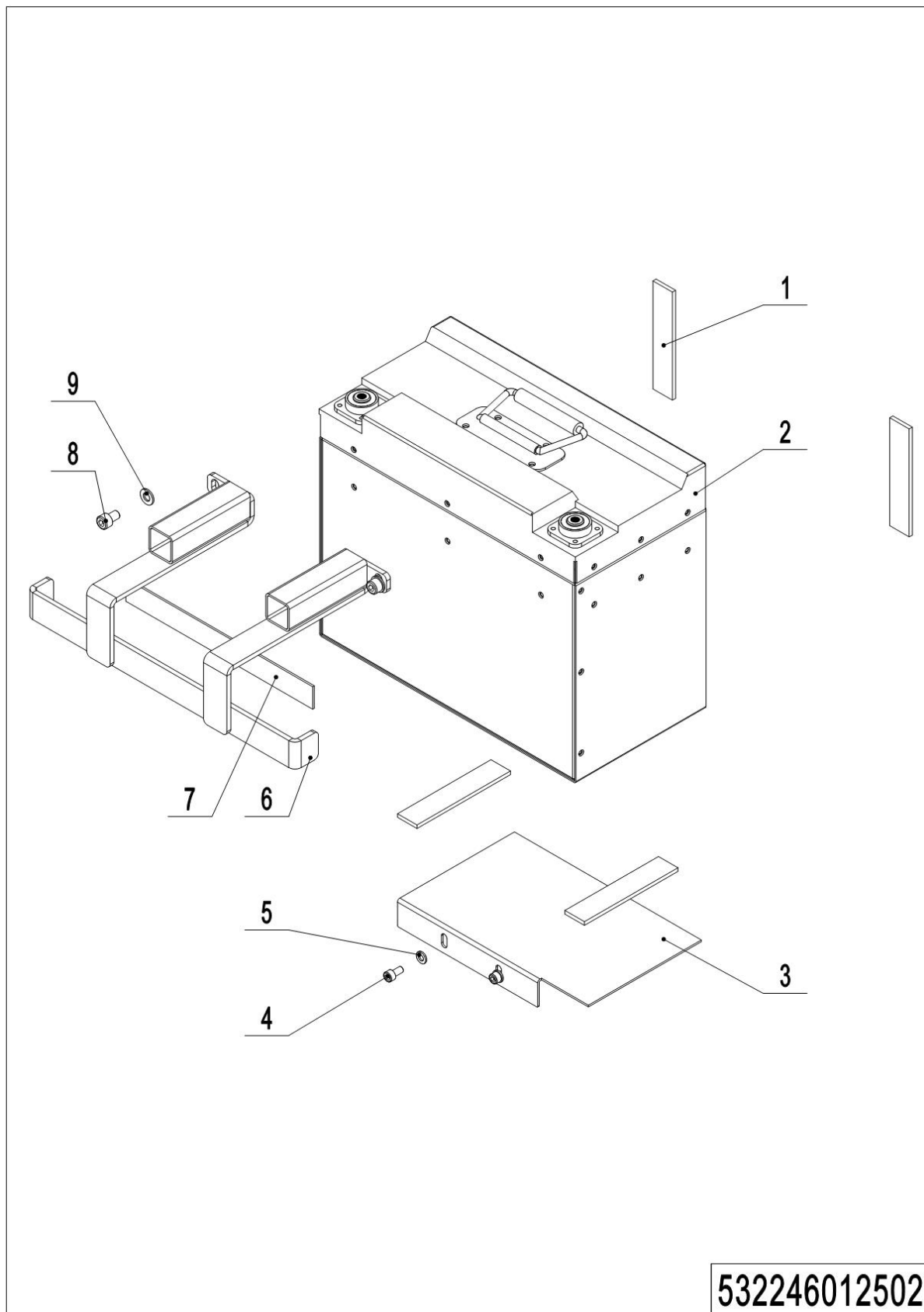
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532238010005	2	Fork(570x1150)	1		Two-stage mast
1	532238010006	2	Fork(685x1150)	1		Two-stage mast
1	532238010007	2	Fork(570x1150)	1		Single mast
1	532238010008	2	Fork(685x1150)	1		Single mast
2	940200100038		Main Roller	4		
3	940600500016		Washer	24		on demand
4	941100800006	1	Pin	1		
5	910600600015	1	Cotter Pin	1		

03 Battery holder (532246012501)

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

03 Battery holder (532246012501)

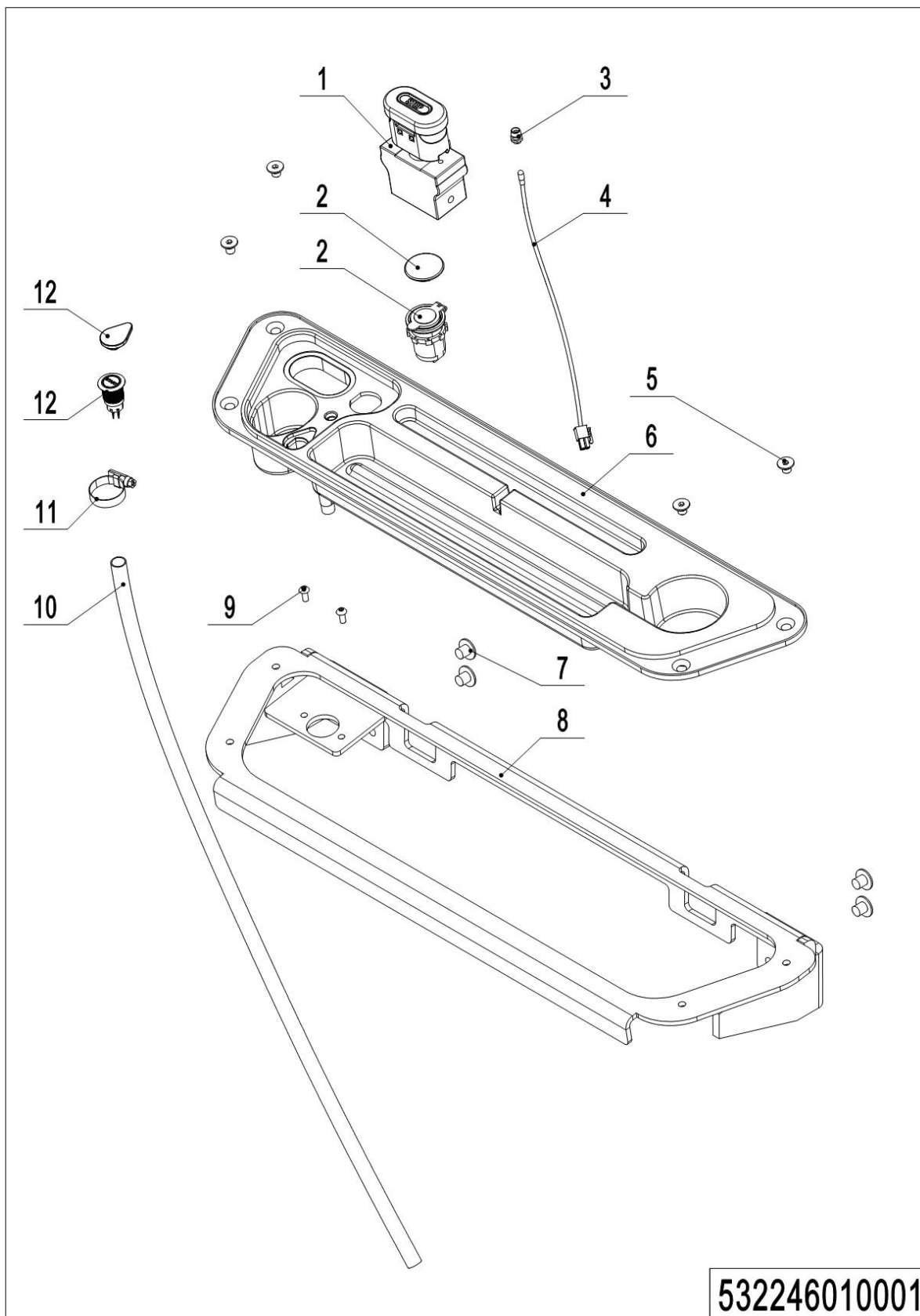
No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532223520010		Crash Pad	6		85Ah
1	532223520010		Crash Pad	4		106Ah
2	920600100080		Battery12V85Ah	2		LEOCH
2	920600100081		Battery12V106Ah	2		LEOCH
2	920600100105		Battery12V85Ah	2		TN
2	920600100114		Battery12V85Ah	2		XP, only for China
2	920600100460		Battery12V85Ah	2		LEOCH, EN1175:2020
2	920600100461		Battery12V106Ah	2		LEOCH, EN1175:2020
2	920600100468		Battery12V85Ah	2		TN, EN1175:2020
3	532212520006		Mounting Plate	1		
4	910200200033	1	Screw	2		
5	910400100005	1	Flat Washer	2		
6	532233020005		Crash Pad	4		85Ah
7	910200200053	1	Screw	4		
8	910400100006	1	Flat Washer	4		
9	532212510002		Mounting Plate	1		85Ah
9	532212510004		Mounting Plate	1		106Ah
10	532212510001		Mounting Plate	1		85Ah
10	532212510003		Mounting Plate	1		106Ah

04 Battery holder (lithium battery) (532246012502)

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

04 Battery holder (lithium battery) (532246012502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532223520010		Crash Pad	4		
2	920600100082		Li Battery24V60Ah	1		HF
2	920600100195		Li Battery24V60Ah	1		HF, heat additive
2	920600100108		Li Battery24V60Ah	1		FDE
2	920600100217		Li Battery24V60Ah	1		XNL
2	920600100262		Li Battery24V60Ah	1		HF, EN1175:2020
2	920600100651		Li Battery24V60Ah	1		FDE, EN1175:2020
3	532212520006		Mounting Plate	1		
4	910200200033	1	Screw	2		
5	910400100005	1	Flat Washer	2		
6	532212510003		Mounting Plate	1		
7	532233020005		Crash Pad	1		
8	910200200053	1	Screw	2		
9	910400100006	1	Flat Washer	2		

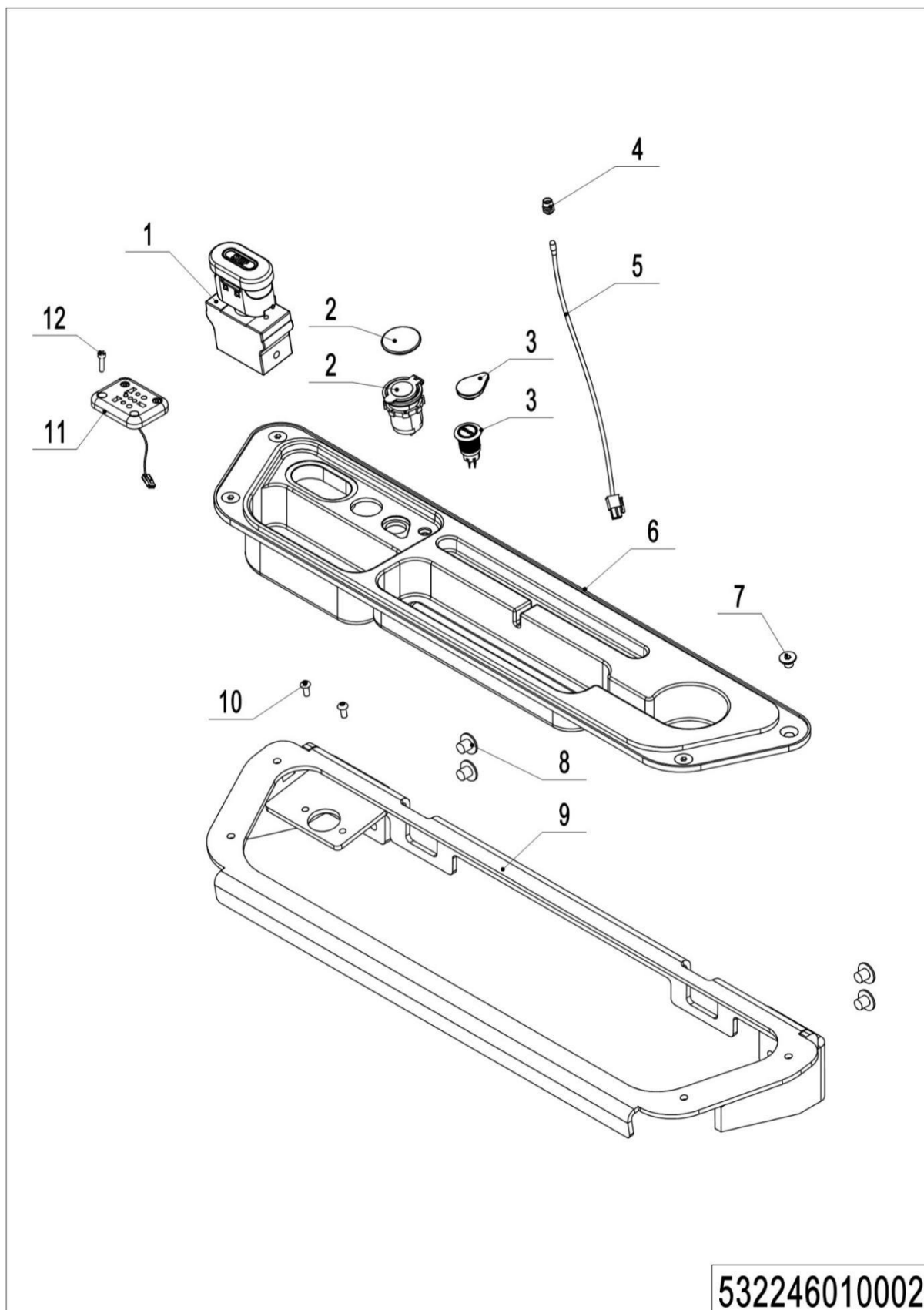
05 Control panel assembly (532246010001)

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

05 Control panel assembly (532246010001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920200100009		Emergency Button	1		AK
1	920200100032		Emergency Button	1		MSD
2	532210020003		Close Plate	1		Lead-acid battery
2	921900100006		USB interface	1		Lithium battery
2	921000200859		USB interface	1		Type-C
3	922000100024		Lamp Holder	1		
4	532298510006		Indicator Light	1		
5	910200400023	1	Screw	4		
6	532210020001		Bezel	1		
7	941100100005		Screw	4		
8	532210010001		Mounting Plate	1		
9	910200300012	1	Screw	2		
10	532210020008		Pipe	1		
11	911000600008		Hose Clamp	1		
12	532210020002		Close Plate	1		Lead-acid battery
12	532233010023		Button	1		Lithium battery

06 Control panel assembly (EN1175:2020) (532246010002)



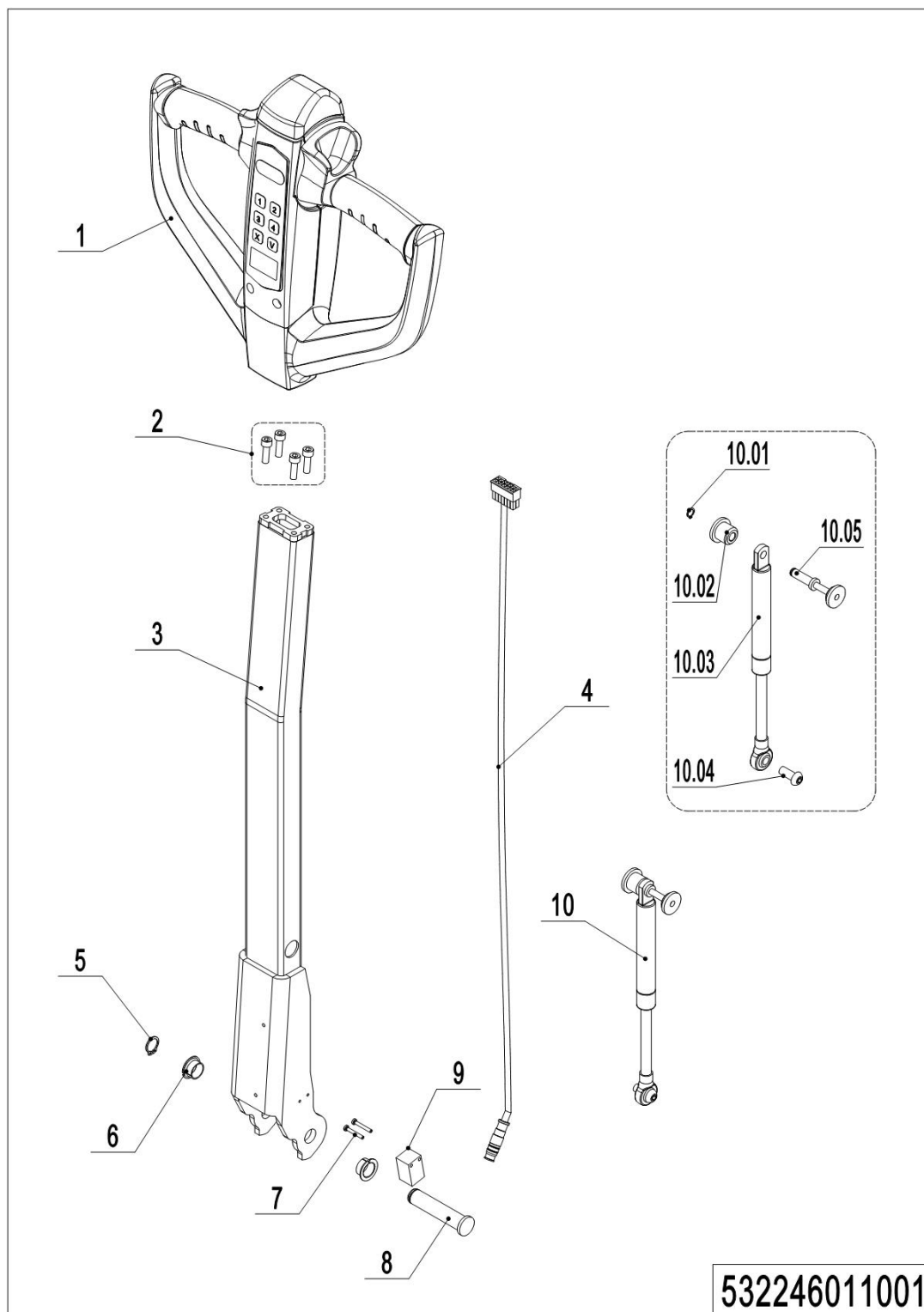
1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

06 Control panel assembly (EN1175:2020) (532246010002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	920200100009		Emergency Button	1		AK
1	920200100032		Emergency Button	1		MSD
2	532210020003		Close Plate	1		Lead-acid battery
2	921900100006		USB interface	1		Lithium battery
2	921000200859		USB interface	1		Type-C
3	532210020002		Close Plate	1		Lead-acid battery
3	532233010023		Button	1		Lithium battery
4	922000100024		Lamp Holder	1		
5	532298510006		Indicator Light	1		
6	532210020009		Bezel	1		
7	910200400023	1	Screw	4		
8	941100100005		Screw	4		
9	532210010001		Mounting Plate	1		
10	910200300012	1	Screw	2		
11	920400300024		Socket	1		
12	910200200015	1	Screw	3		

Chapter 4: Steering system, braking system and wheels

01 Tiller (532246011001)

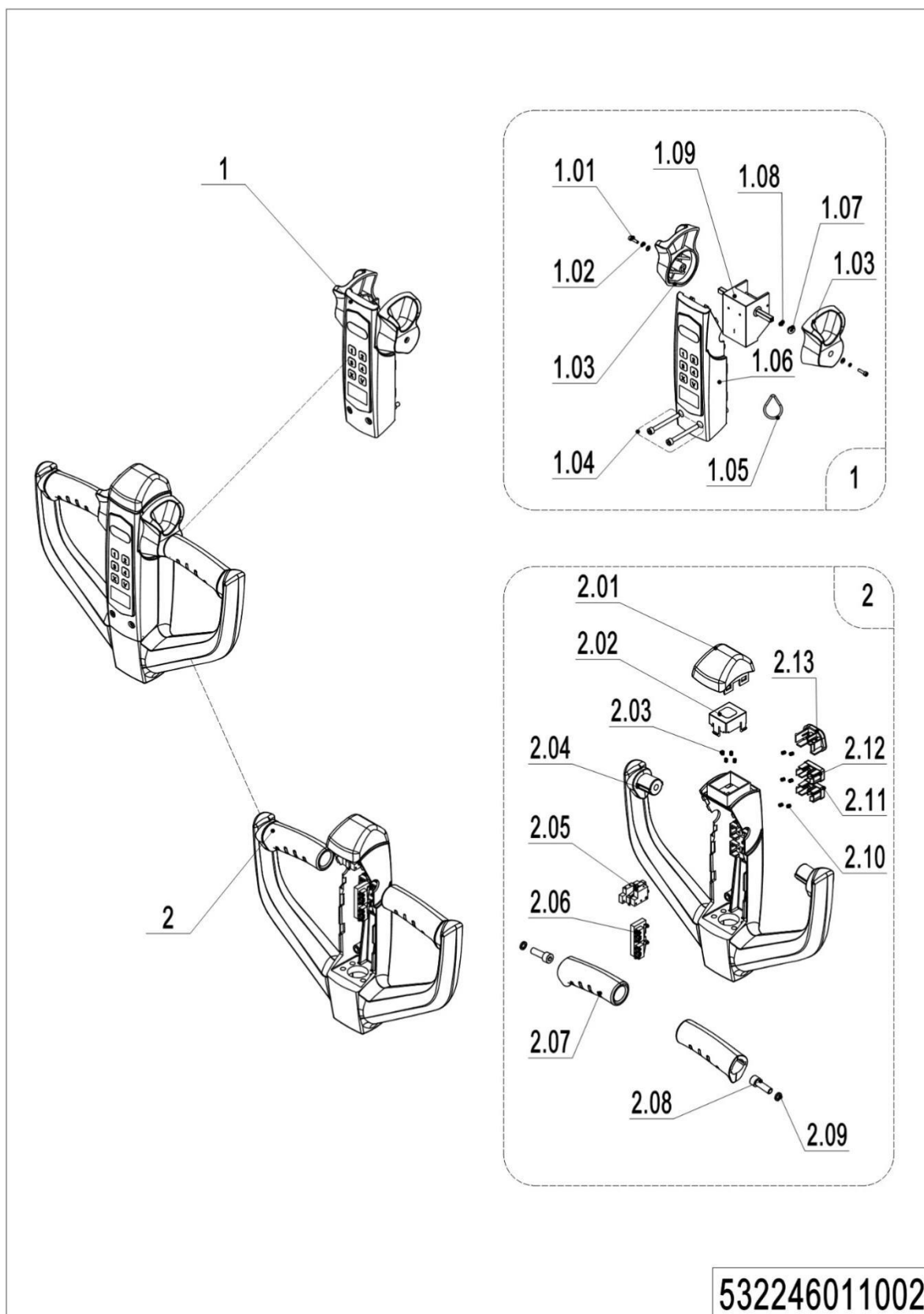


1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

01 Handle (532246011001)

orde	material	Mark	name of material	quan	Alternative	explain
1	922100100021	5	hand shank	1		DT
1	922100100028	5	hand shank	1		DT, IC block
1	922100100064	5	hand shank	1		SJ
1	922100100065	5	hand shank	1		SJ, IC block
1	922100100143	5	hand shank	1		SJ
1	922100100144	5	hand shank	1		SJ, IC block
1	922100100116	5	hand shank	1		DT, EN1175:2020
1	922100100117	5	hand shank	1		DT, IC card,
1	922100100116	5	hand shank	1		SJ, EN1175:2020
1	922100100117	5	hand shank	1		SJ, IC card,
2	910200200036	1	Screw, M6x20	4		
3	532211010000		handle lever	1		
4	532233010019		pencil	1		
5	910401300006		Shashaft ring 15	1		
6	940500200001		Composite sets	2		
7	941101100001	1	Screw, M3x22	2		
8	508011020004		pin roll	1		
9	505633510001		proximity switch	1		
10	532298510039		Air spring accessories	1		
10.1	910401300001		The shaft is 8 with	1		
10.2	508011020005		permanent seat	1		
10.3	532211020003		gas spring	1		
10.4	941100100011	1	Screw, M8x22	1		
10.5	508011010002		fixed axis	1		

02 hand shank (DT) (532246011002)

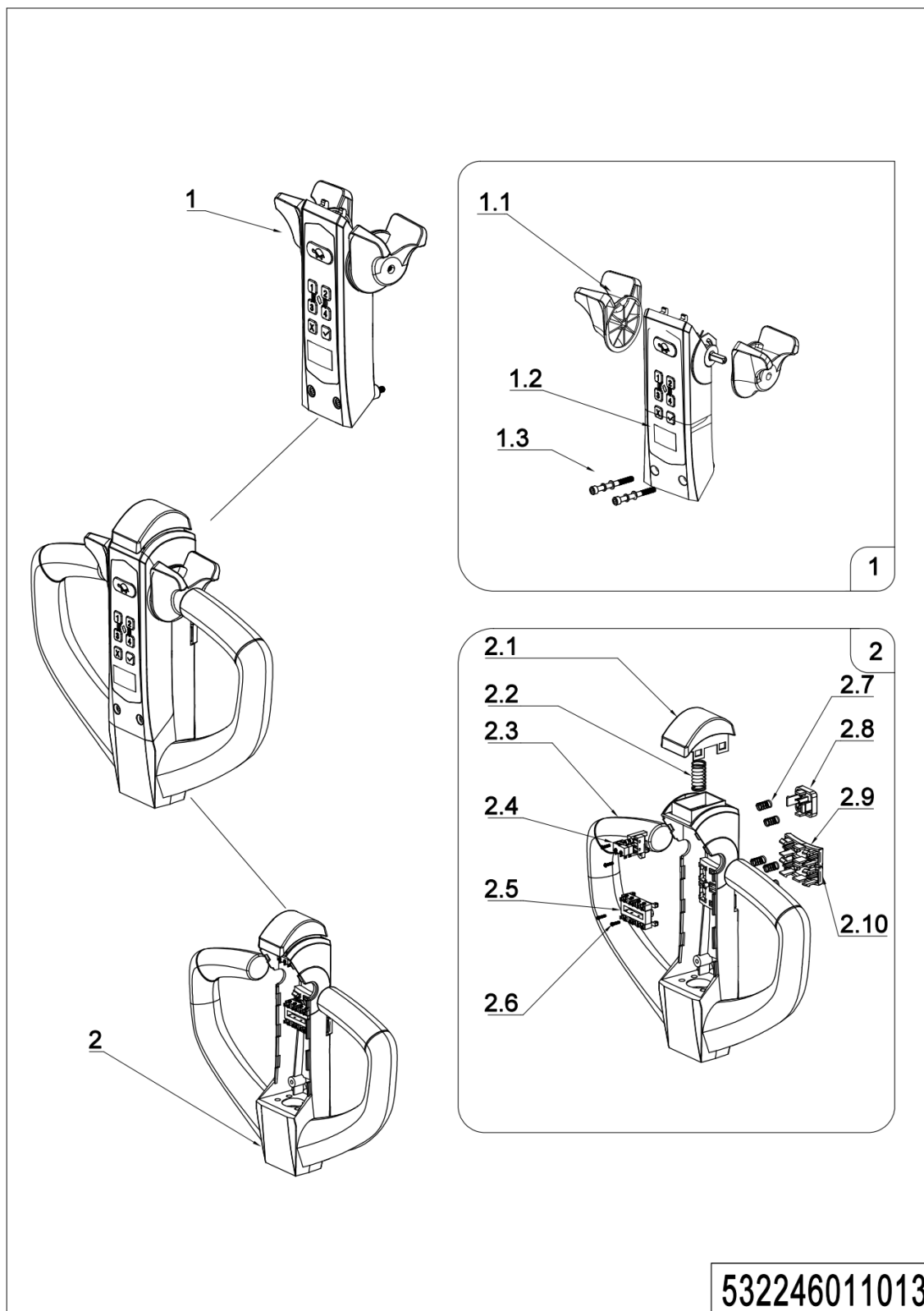


02 hand shank (DT) (532246011002)

order	material code	Mark	name of material	quantity	Alternative part number	explain
–	922100100021	5	hand shank	1		
–	922100100028	5	hand shank	1		IC block
1	532298510022		Underlid assembly of	1		
1	532298510023		Underlid assembly of	1		IC block
1.01	910200200003	1	Screw, M3x12	2		
1.02	910400500002	1	Pack 3	2		
1.03	508098520044		Left and right moving switch	1		
1.04	910200200159	1	Screw, M5x50	2		
1.05	508098520027		ID block	1		IC block
1.06	532298510054		Display component	1		
1.06	532298510055		Display component			IC block
1.07	508098520015		axle sleeve	2		
1.08	508098520016		axle sleeve	2		
1.09	532298510005		Accelerator assembly	1		
1.09	532298510007		Accelerator assembly	1		IC block
2	508098510031		Handle upper cover	1		
2.01	508098520018		The seat	1		
2.02	508098520019		Inside the seat	1		
2.03	502311020018		spring	4		
2.04	508098520012		The handle on the cover	1		
2.05	508098510029		Microswitch components	1		
2.06	508098510030		Microswitch components	1		
2.07	508098520013		handle	2		
2.08	910200200058	1	Screw, M8x25	2		
2.09	910400500006	1	Pack 8	2		
2.10	502311020022		spring	6		
2.11	508098520031		push-button	1		
2.12	508098520030		push-button	1		
2.13	508098520029		horn button	1		

1= whole package supply 2= limited supply 3= gradually stop supply 4= supply of not single pieces 5= see additional form

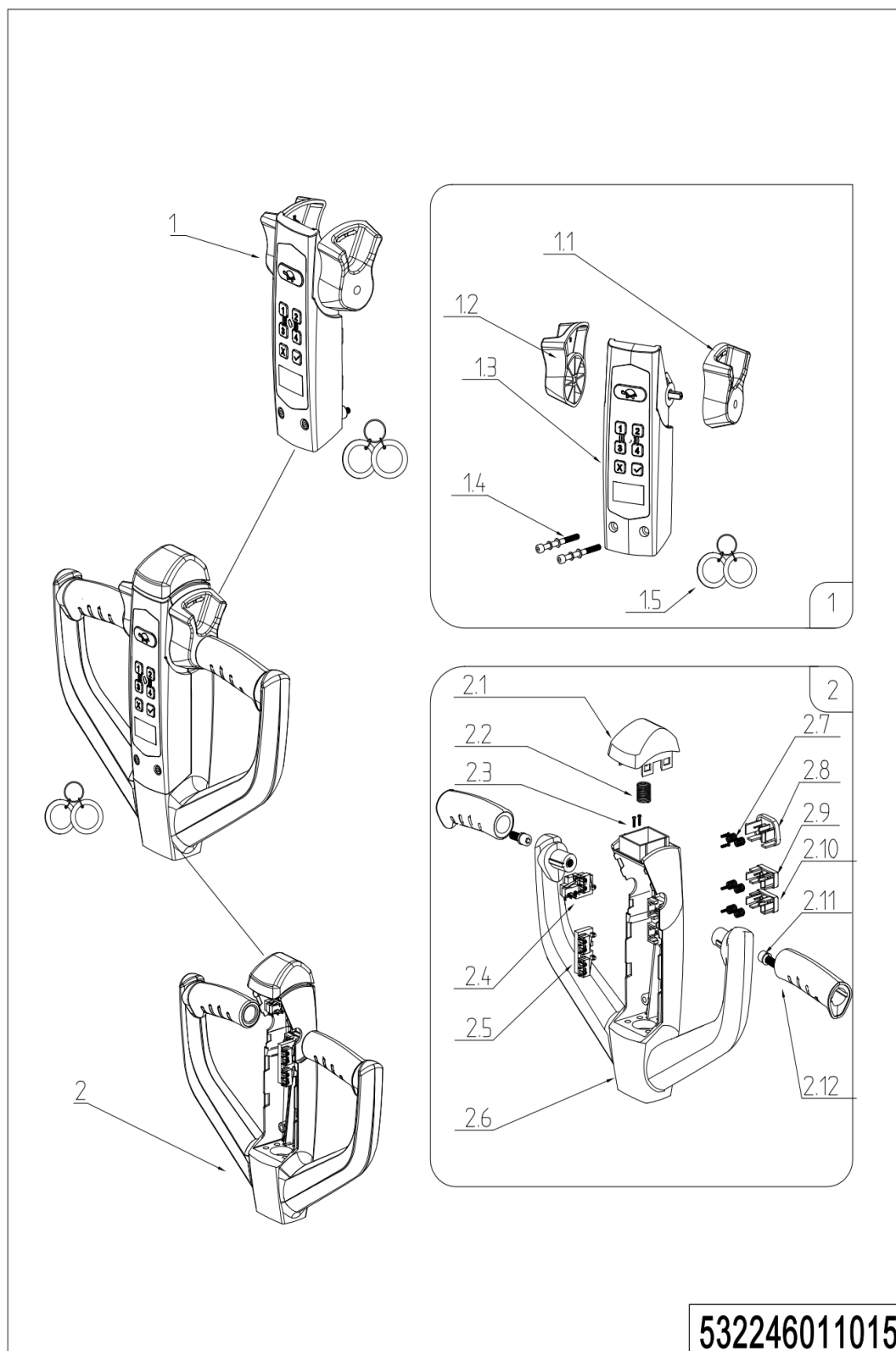
03 hand shank (SJ) (532246011013)



03 hand shank (SJ) (532246011013)

order	material code	Mark	name of material	quantity	Alternative part number	explain
–	922100100064	5	hand shank	1		
–	922100100065	5	hand shank	1		IC block
1	532298510121		Accelerator assembly	1		
1	532298510109		Accelerator assembly	1		IC block
1.1	509998520022		Accelerate the dial	2		
1.2	532298520046		Circuit board	1		
1.2	532298520019		Circuit board	1		IC block
1.3	509998520065	1	inside hexagonal bolt	2		
2	509998510016		Handle main body assembly	1		
2.1	509998520027		Belly switch button	1		
2.2	509998520071		spring	1		
2.3	509998520030		Plastic handle	1		
2.4	509998520031		Microswitch	1		
2.5	509998520032		Microswitch	1		
2.6	509998520070	1	self-tapping screw	4		
2.7	509998520029		spring	6		
2.8	509998520033		push-button	1		
2.9	509998520034		push-button	1		
2.10	509998520035		push-button	1		

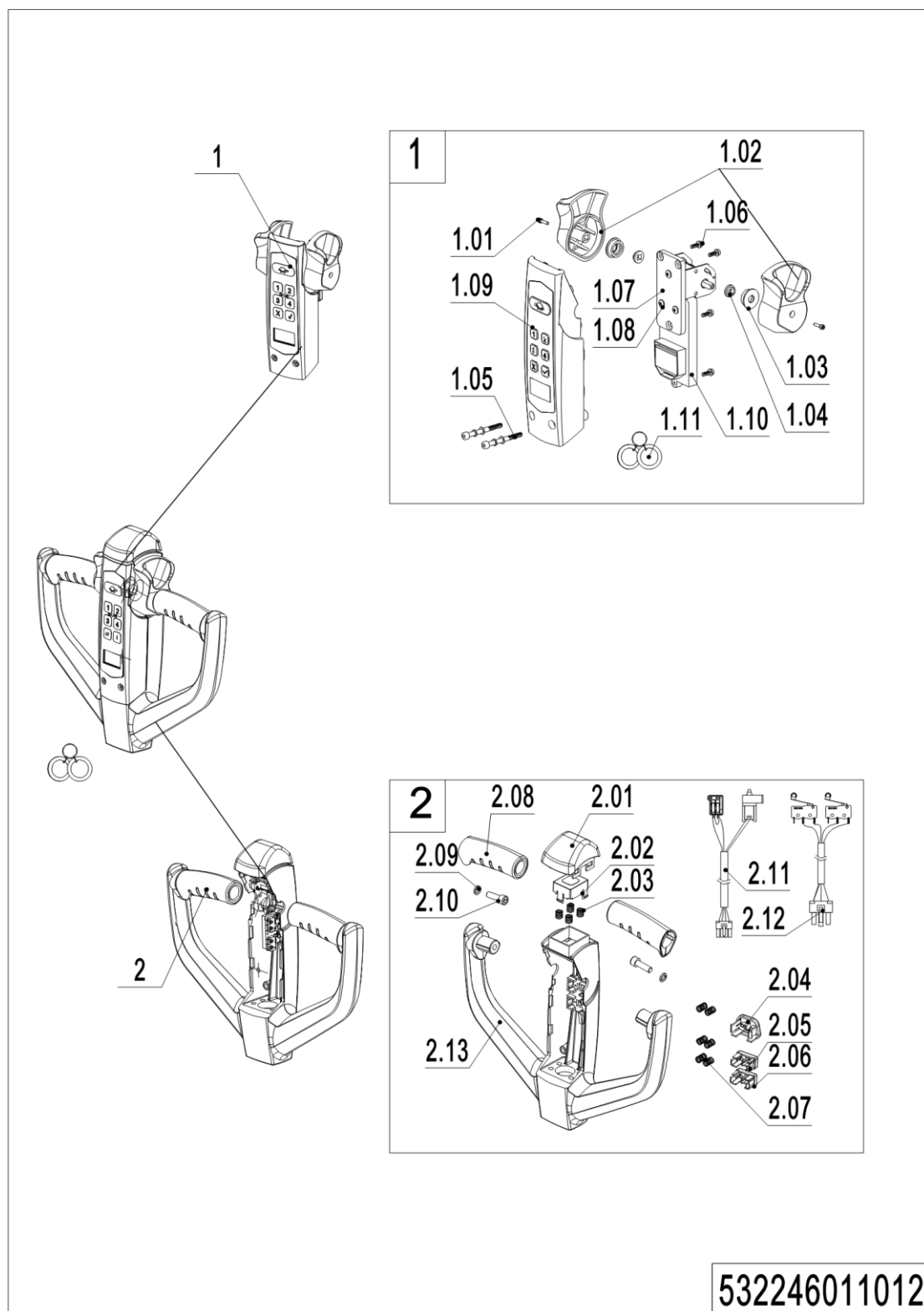
04 hand shank (SJ) (532246011015)



04 hand shank (SJ) (532246011015)

order number	material code	Mark	name of material	quantity	Alternative part number	explain
–	922100100143	5	hand shank	1		
–	922100100144	5	hand shank	1		IC block
1	532298510132		Accelerator assembly	1		
1	532298510110		Accelerator assembly	1		IC block
1.1	532298520020		Accelerate the key left	1		
1.2	532298520021		Accelerate the right of the key	1		
1.3	532298520022		Circuit board assembly	1		
1.3	532298520058		Circuit board assembly	1		IC block
1.4	509998520065	1	inside hexagonal bolt	1		
1.5	532298520023		ID block	1		IC block
2	508098510150		Handle main body assembly	1		
2.1	508098520112		key	1		
2.2	509998520071		spring	1		
2.3	509998520070	1	self-tapping screw	6		
2.4	508098520133		Microswitch components	1		
2.5	508098520116		Microswitch components	1		
2.6	508098520117		Handle main body	1		
2.7	509998520029		spring	6		
2.8	508098520119		push-button	1		
2.9	508098520120		push-button	1		
2.10	508098520121		push-button	1		
2.11	508098520122		Inside the hexagonal screw	2		
2.12	508098520123		Handle grip	2		

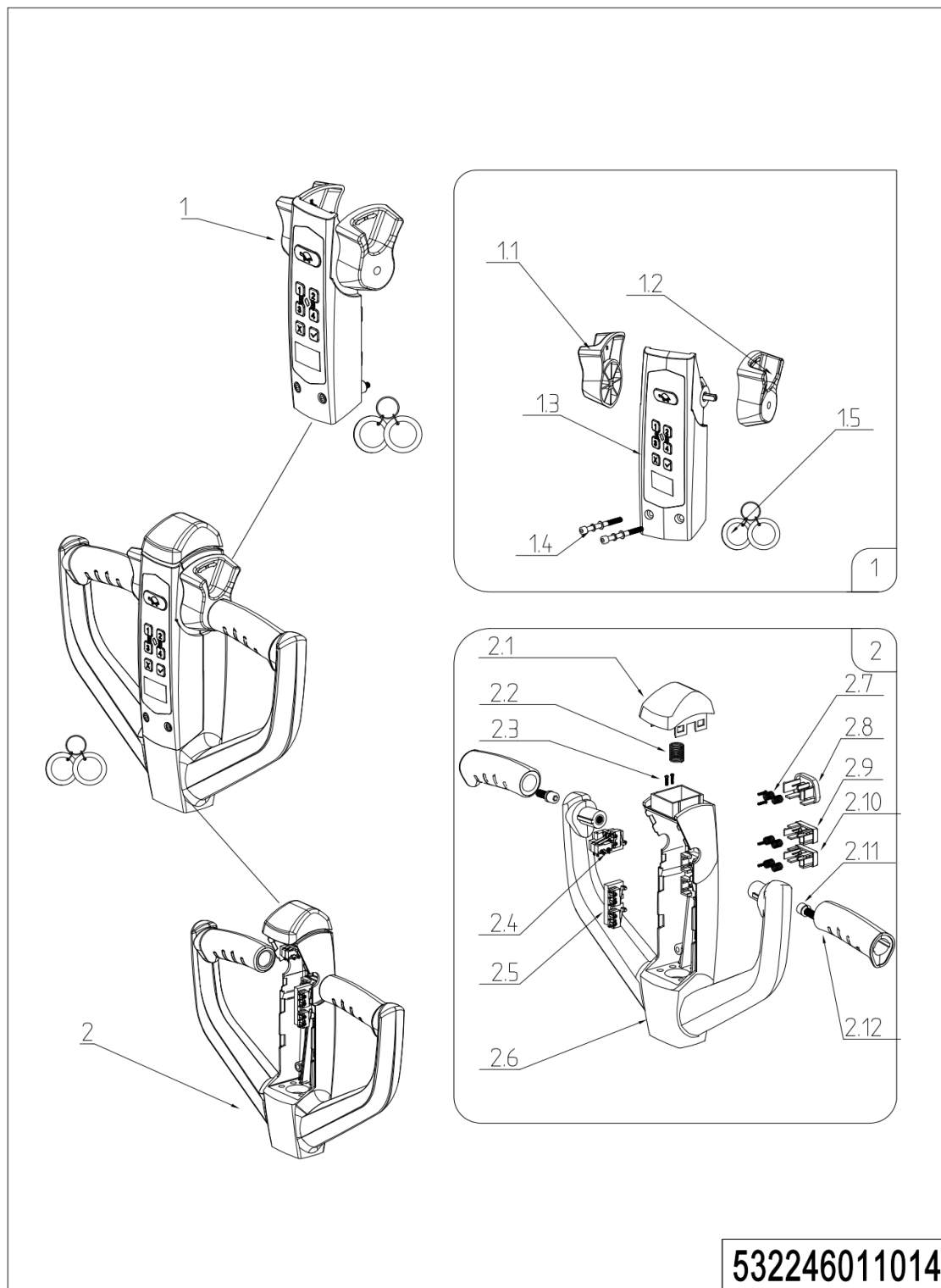
05 hand shank (DT) (EN1175:2020) (532246011012)



05 hand shank (DT) (EN1175:2020) (532246011012)

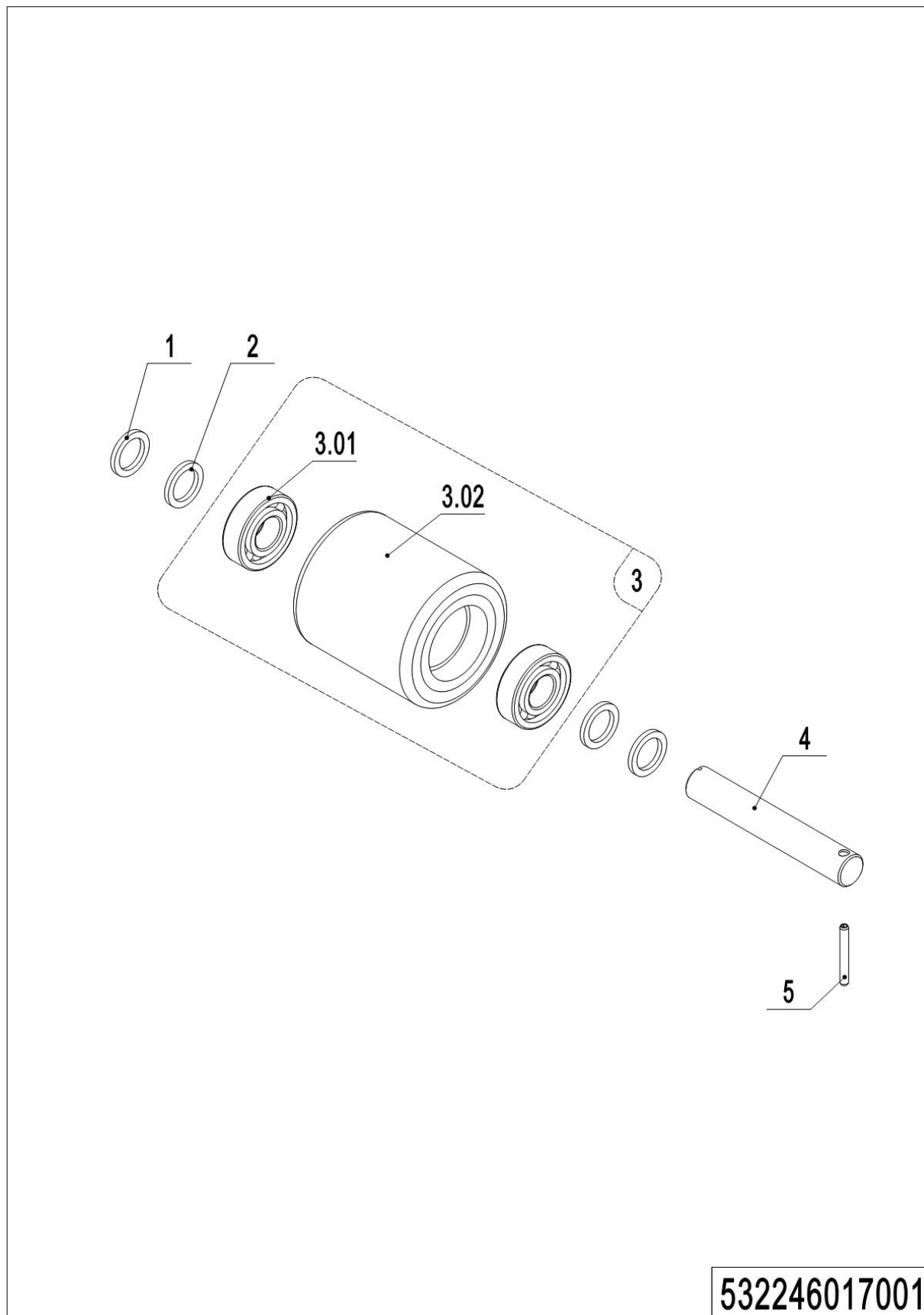
orde	material code	Mark	name of	quantity	Alternative part	explain
1	922100100116	5	hand shank	1		
1	922100100117	5	hand shank	1		IC block
1	532298510084		Handle upper	1		
1	532298510085		Handle upper	1		IC block
1. 01	508098520086		Three-in-one bolt	1		
1. 02	508098520044		Moving switch	1		
1. 03	508098520015		axle sleeve	1		
1. 04	508098520016		axle sleeve	1		
1. 05	910200200159	1	Screw, M5x50	2		
1. 06	910200200013	1	Screw, M4x10	4		
1. 07	508098520084		Accelerator	1		
1. 08	910200500020	1	Bolt M4x6	3		
1. 09	532298510086		loam cake	1		
1. 09	532298510087		loam cake	1		IC block
1. 10	532298510088		Accelerator	1		
1. 10	532298510089		Accelerator	1		IC block
1. 11	508098520027		ID block	1		IC block
2	532298510094		Underlid assembly of	1		
2. 01	508098520018		The seat	1		
2. 02	508098520019		Inside the seat	1		
2. 03	502311020018		spring	4		
2. 04	508098520083		horn button	1		
2. 05	508098520030		push-button	1		
2. 06	508098520031		push-button	1		
2. 07	502311020022		spring	6		
2. 08	508098520013		handle	2		
2. 09	910400500006		Pack 8	2		
2. 10	508598520100	1	Screw, M8x22	2		
2. 11	532298510072		Microswitch assembly	1		
2. 12	532298510073		Microswitch assembly	1		
2. 13	532298510095		Big handle under the cover	1		

06 hand shank (SJ) (EN1175-2020) (532246011014)



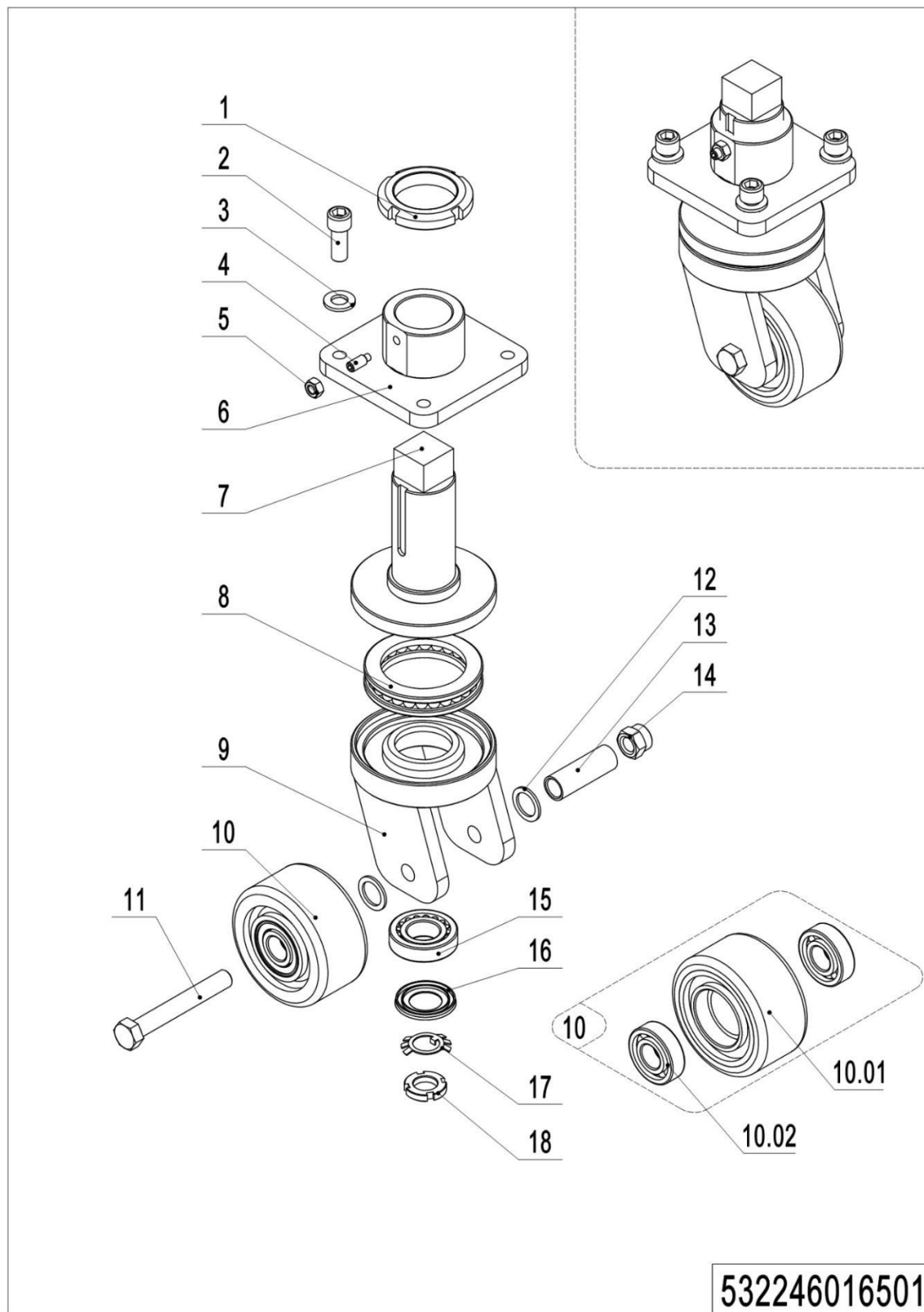
06 hand shank (SJ) (EN1175-2020) (532246011014)

order	material code	Mark	name of material	quantity	Alternative part number	explain
1	922100100116	5	hand shank	1		
1	922100100117	5	hand shank	1		IC block
1	532298510124		Accelerator assembly	1		
1	532298510114		Accelerator assembly	1		IC block
1.1	532298520020		Accelerate the key left	1		
1.2	532298520021		Accelerate the right of the key	1		
1.3	532298520030		Circuit board assembly	1		IC block
1.3	532298520049		Circuit board assembly	1		
1.4	509998520065		inside hexagonal	2		
1.5	532298520023		ID block	1		IC block
2	508098510125		Handle main body assembly	1		
2.1	508098520112		key	1		
2.2	509998520071		spring	1		
2.3	509998520070		self-tapping screw	6		
2.4	532298520032		Microswitch components	1		
2.5	508098520116		Microswitch	1		
2.6	508098520117		Handle main body	1		
2.7	509998520029		spring	6		
2.8	508098520119		push-button	1		
2.9	508098520120		push-button	1		
2.10	508098520121		push-button	1		
2.11	508098520122		Inside the hexagonal	2		
2.12	508098520123		Handle grip	2		

07 Load wheel (532246017001)

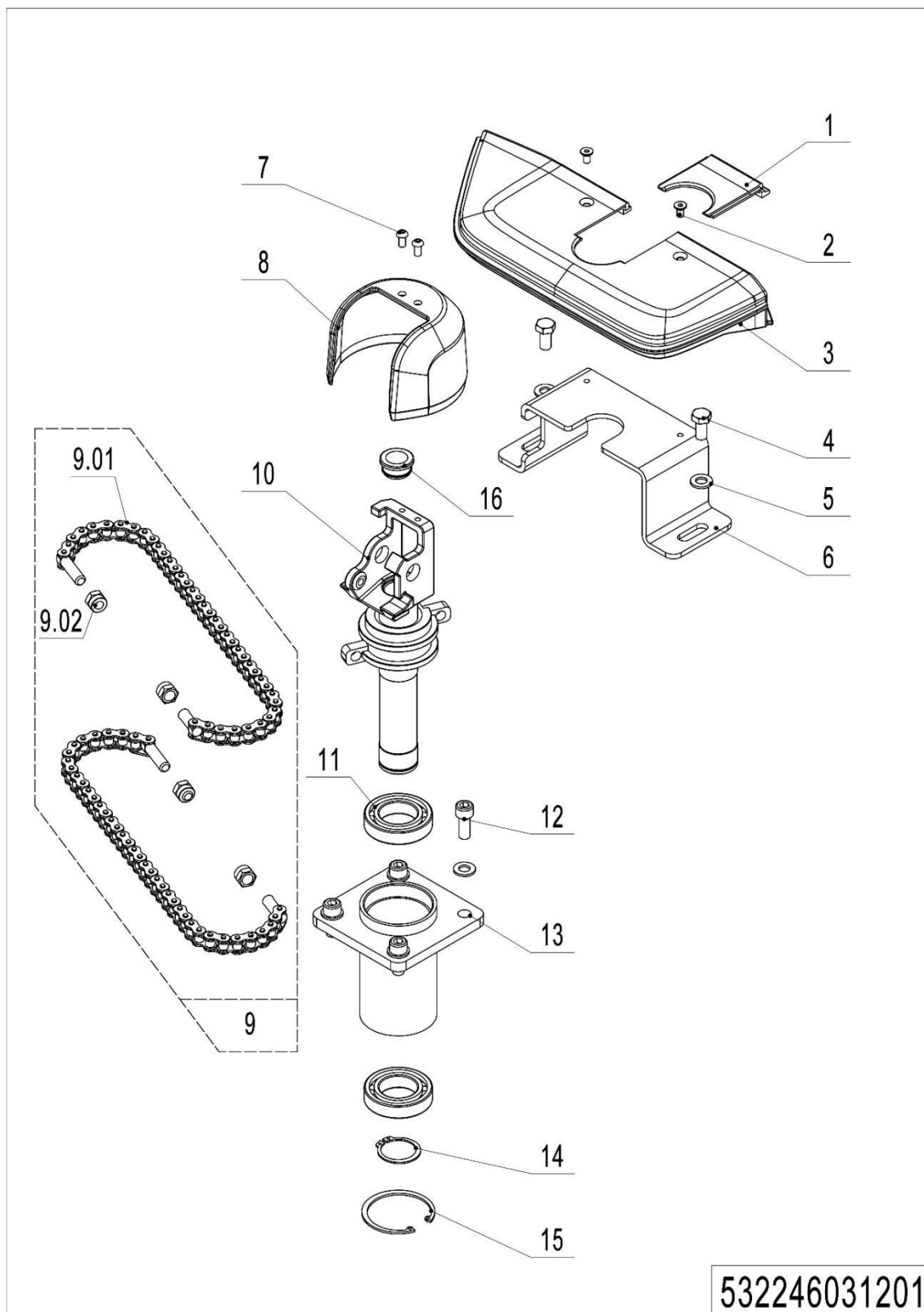
07 Load wheel (532246017001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	940600500013		Washer	4		
2	940600500053		Washer	4		
3	532298510003		Load Roller Accessories	2		
3.01	910700200019		Bearing	4		
3.02	940300300011		WheelΦ84x93	2		
4	532217020001		Axle	2		
5	910600400028		Spring Pin	2		

08 Side wheel (532246016501)

08 Side wheel (532246016501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
--	532298510041		Caster Assembly	1		
1	941100900004	1	Nut	1		
2	910200200098	1	Screw	4		
3	910400100008	1	Flat Washer	4		
4	910201000012	1	Screw	1		
5	910300100006	1	Nut	1		
6	532216510003	2	Fixing Base	1		
7	532216510002	2	Axle	1		
8	910700700011		Bearing	1		
9	532216510001	2	Wheel Carrier	1		
10	532298510004		Caster Assembly	1		
10.01	940300300030		WheelΦ100x50	1		
10.02	910700200019		Bearing	2		
11	910100100069	1	Bolt	1		
12	940600500005	1	Washer	4		
13	532216520006		Sleeve	1		
14	910300500007	1	Nut	1		
15	910700600001		Bearing	1		
16	941101000010		Cover	1		
17	910400900002	1	Lock Washer	1		
18	910300700008	1	Nut	1		

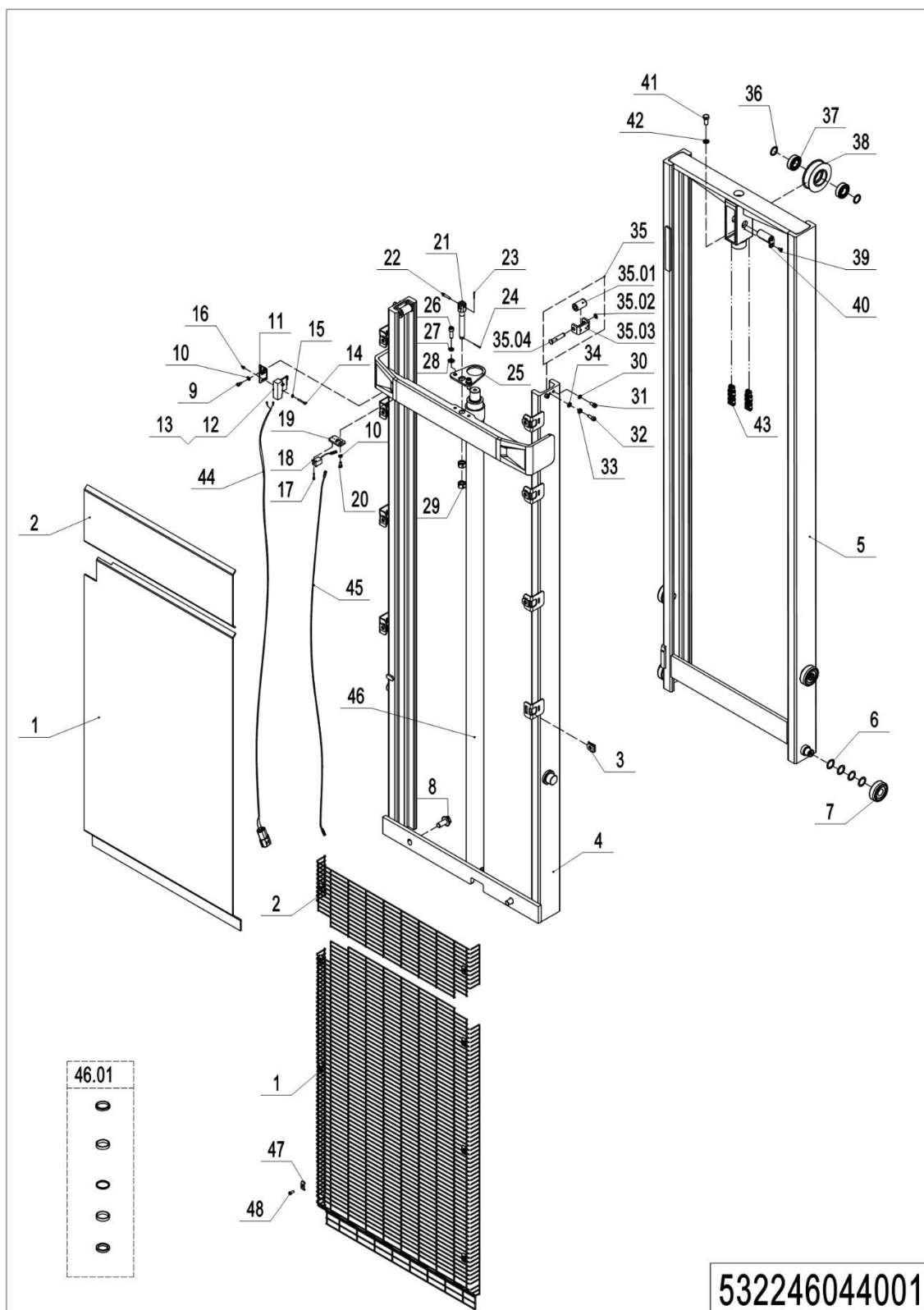
09 Manual steering (532246031201)

09 Manual steering (532246031201)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532231220011		Handle Cap	1		
2	910200400016	1	Screw	2		
3	532231220010		Handle Cap	1		
4	910100300036	1	Bolt	2		
5	910400100007	1	Flat Washer	6		
6	532231220008		Pedestal	1		
7	910200300017	1	Screw	2		
8	532211020001		Protective Cover	1		
9	532298510071		Chain assembly	2		
9.01	532231210009		Chain component	2		
9.02	910300500005		Nut	4		
10	532231210006		handle Spindle	1		
11	910700200007		Bearing	2		
12	910200200076	1	Screw	4		
13	532231210003		Bracket	1		
14	910401300018	1	Circlip	1		
15	910401400018	1	Circlip	1		
16	532231220023		Jacket	1		

Chapter 5: Mast system

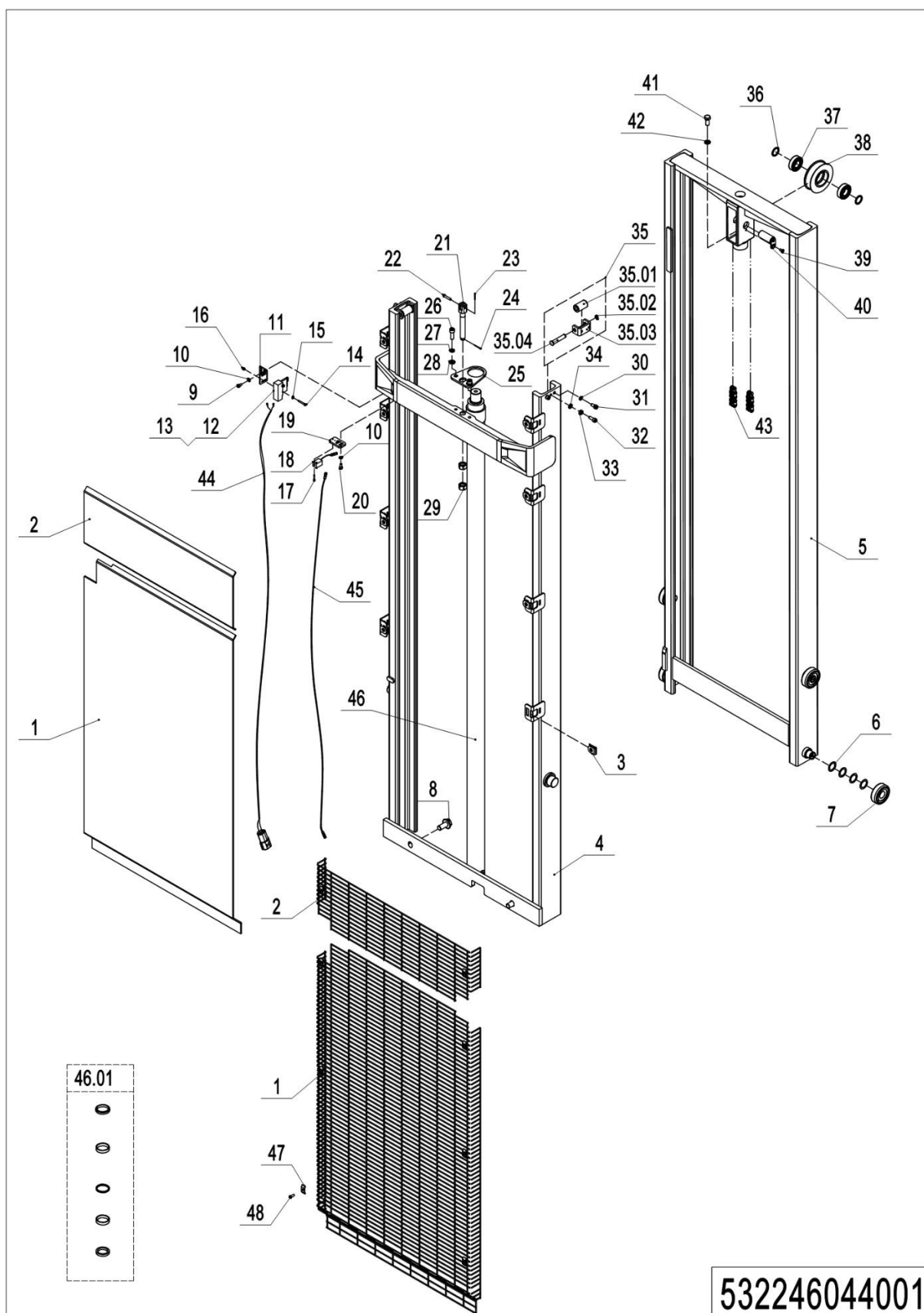
01 Two stage mast (532246044001)



01 Two stage mast (532246044001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532244020038		Guard Plate	1		2600
1	532244020034		Guard Plate	1		2900
1	532244020033		Guard Plate	1		3200
1	532244020031		Guard Plate	1		3600
1	532251520004		Protective Frame	1		2600
1	532251520003		Protective Frame	1		2900
1	532251520002		Protective Frame	1		3200
1	532251520001		Protective Frame	1		3600
2	532244020030		Guard Plate	1		
2	532251520005		Protective Frame	1		
3	940400300001		Spring Buckle	8		Guard Plate
3	940400300001		Spring Buckle	6		Guard Plate, 2600
3	940400400001		Spring Buckle	8		Protective Frame
3	940400400001		Spring Buckle	6		Protective Frame, 2600
4	532244010017	2	Outer Mast(2600)	1		2600
4	532244010002	2	Outer Mast(2900)	1		2900
4	532244010012	2	Outer Mast(3200)	1		3200
4	532244010005	2	Outer Mast(3600)	1		3600
5	532244010018	2	Inner Mast(2600)	1		2600
5	532244010003	2	Inner Mast(2900)	1		2900
5	532244010013	2	Inner Mast(3200)	1		3200
5	532244010006	2	Inner Mast(3600)	1		3600
6	940600500016		Washer	16		
7	940200100038		Main Roller	4		
8	910100800005		Bolt	2		
9	910200200032	1	Screw	2		
10	910400100005	1	Flat Washer	4		
11	532244020012		Mounting Plate	1		
12	920200300003		Microswitch	1		

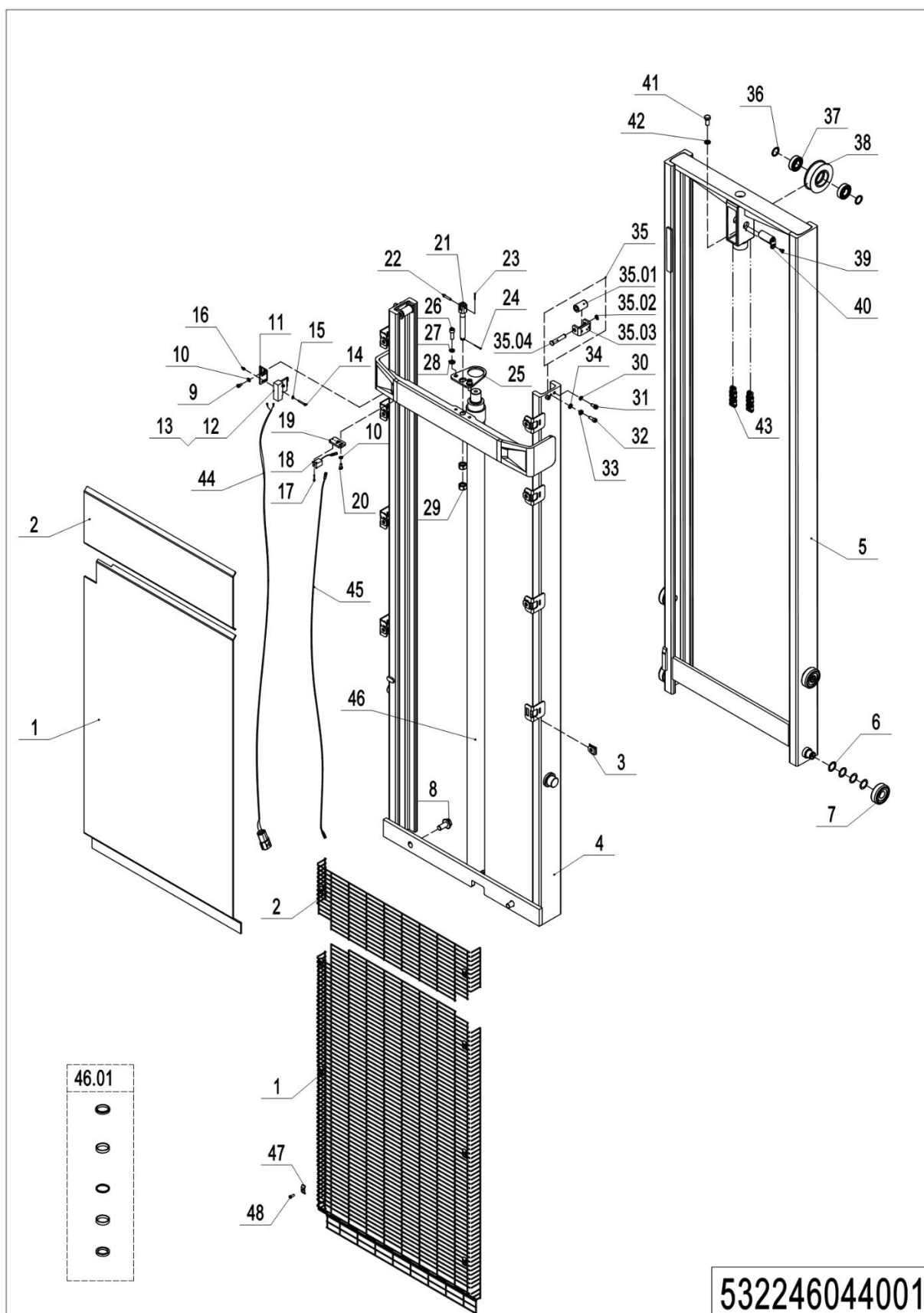
01 Two stage mast (532246044001) continuation



01 Two stage mast (532246044001) continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
13	920200300007		Protective Cover	1		
14	910200500028	1	Screw	2		
15	910400100003	1	Flat Washer	2		
16	910300500001	1	Nut	2		
17	910200500015	1	Screw	2		
18	920200400030		Proximity Switch	1		
19	532244020029		Mounting Plate	1		
20	910200200033	1	Screw	2		
21	206044520060		Chain Anchor	1		
22	941100800010	1	Pin	1		
23	910600600006	1	Cotter Pin	1		
24	910600600019	1	Cotter Pin	1		
25	532244020027		Fixing Plate	1		
26	910200200077	1	Screw	2		
27	910400500007	1	Spring Washer	2		
28	910400100007	1	Flat Washer	2		
29	910300200008		Nut	2		
30	910400500006	1	Spring Washer	4		
31	910200200055	1	Screw	4		
32	910200200057	1	Screw	2		
33	910300100006	1	Nut	2		
34	910400100006	1	Flat Washer	2		
35	400244010002		Roller	2		
35.01	401744020000		Roller	2		
35.02	910401300003	1	Circlip	2		
35.03	532021520075		Wheel Mount	2		
35.04	401744020001		Pin	2		
36	940600500006		Washer	2		
37	910700200020		Bearing	2		

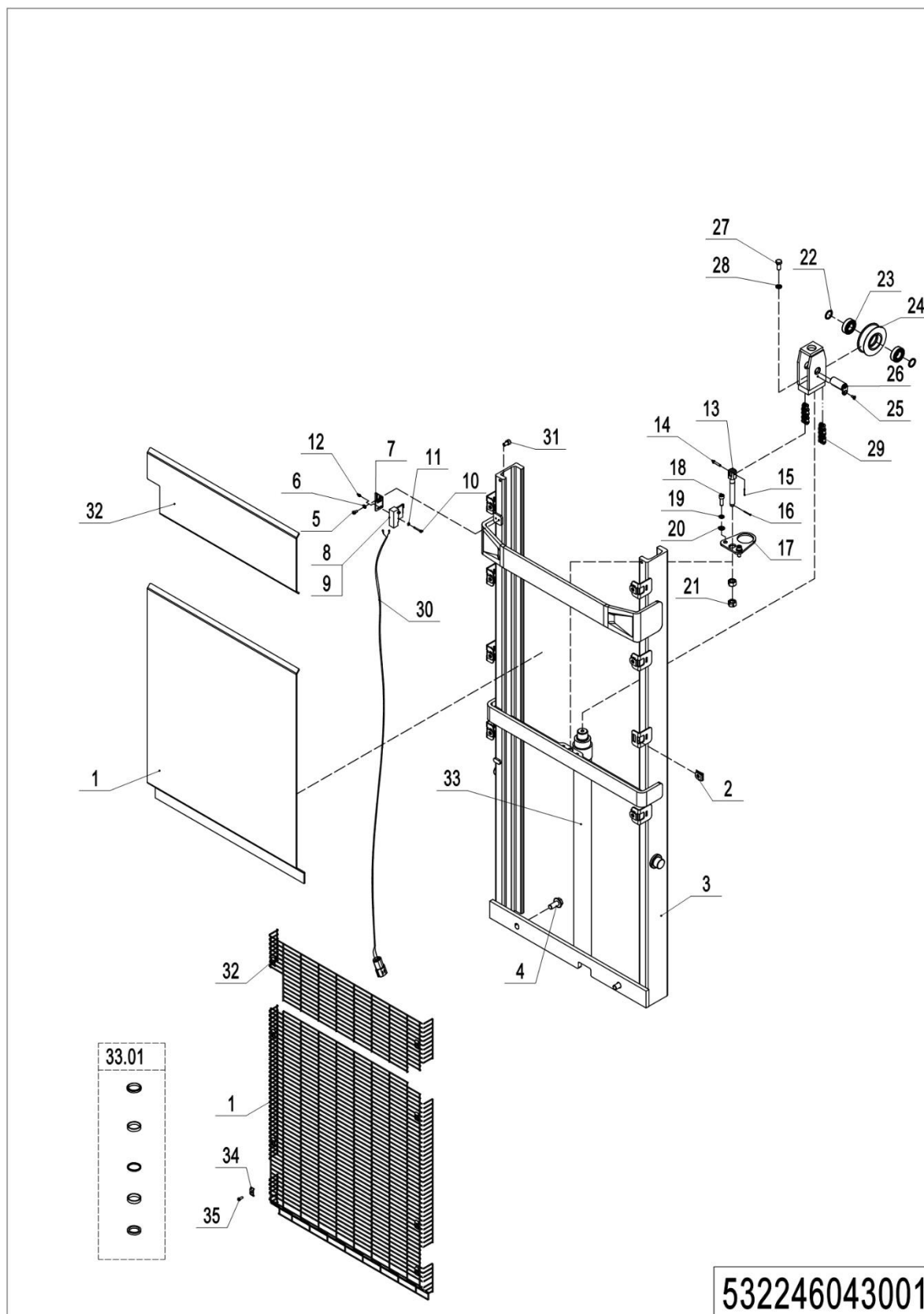
01 Two stage mast (532246044001) continuation



01 Two stage mast (532246044001) continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
38	940200400002		Sprocket	1		
39	910200400016	1	Screw	1		
40	533243510005		Pin	1		
41	910100300049	1	Bolt	1		
42	910400500008	1	Spring Washer	1		
43	532244010020		Chain	1		2600
43	532244010007		Chain	1		2900
43	532244010014		Chain	1		3200
43	206044510103		Chain	1		3600
44	532233010034		Wire Harness	1		
45	921500100077		Cable	1		
46	532244010016		Cylinder	1		2600
46	532244010001		Cylinder	1		2900
46	532244010009		Cylinder	1		3200
46	532244010004		Cylinder	1		3600
46.01	532298510002		Seal Kit	1		
47	320443020321		Press Plate	8		Protective Frame
47	320443020321		Press Plate	6		Protective Frame, 2600
48	910200300018		Screw	8		Protective Frame
48	910200300018		Screw	6		Protective Frame, 2600

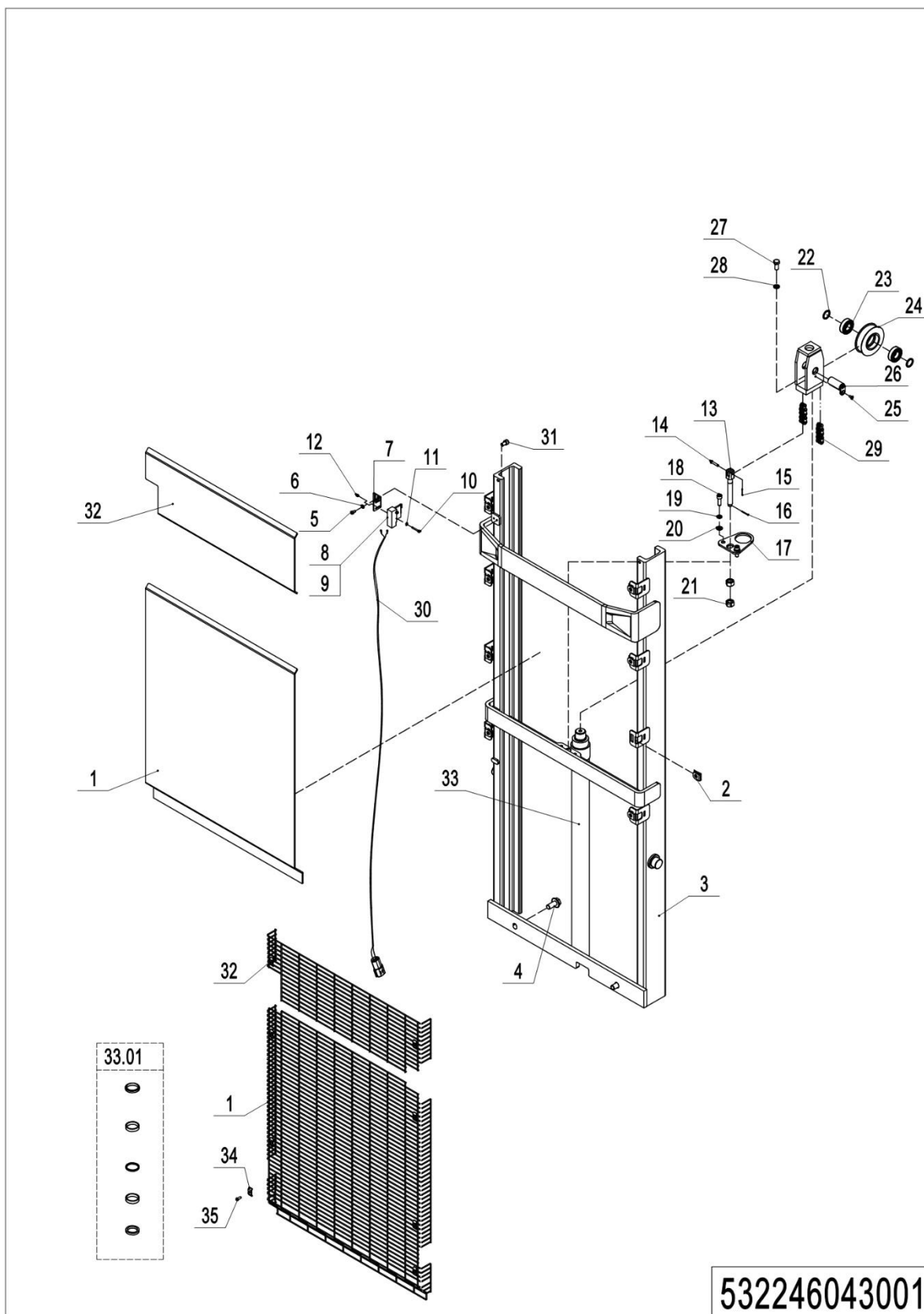
02 Single mast (532246043001)



02 Single mast (532246043001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532243020008		Guard Plate	1		1600
1	532243020011		Guard Plate	1		2000
1	532251520006		Protective Frame	1		1600
1	532251520007		Protective Frame	1		2000
2	940400300001		Spring Buckle	8		Guard Plate
2	940400400001		Spring Buckle	8		Protective Frame
3	532243010003	2	Outer Mast(1600)	1		1600
3	532243010005	2	Outer Mast(2000)	1		2000
4	910100800005		Bolt	2		
5	910200200032	1	Screw	2		
6	910400100005	1	Flat Washer	2		
7	532244020012		Mounting Plate	1		
8	920200300003		Microswitch	1		
9	920200300007		Protective Cover	1		
10	910200500028	1	Screw	2		
11	910400100003	1	Flat Washer	2		
12	910300500001	1	Nut	2		
13	206044520060		Chain Anchor	1		
14	941100800010	1	Pin	1		
15	910600600006	1	Cotter Pin	1		
16	910600600019	1	Cotter Pin	1		
17	532243020022		Fixing Plate	1		
18	910200200077	1	Screw	2		
19	910400500007	1	Spring Washer	2		
20	910400100007	1	Flat Washer	2		
21	910300200008	1	Nut	2		
22	940600500006		Washer	2		
23	910700200020		Bearing	2		
24	940200400002		Sprocket	1		

02 Single mast (532246043001) continuation

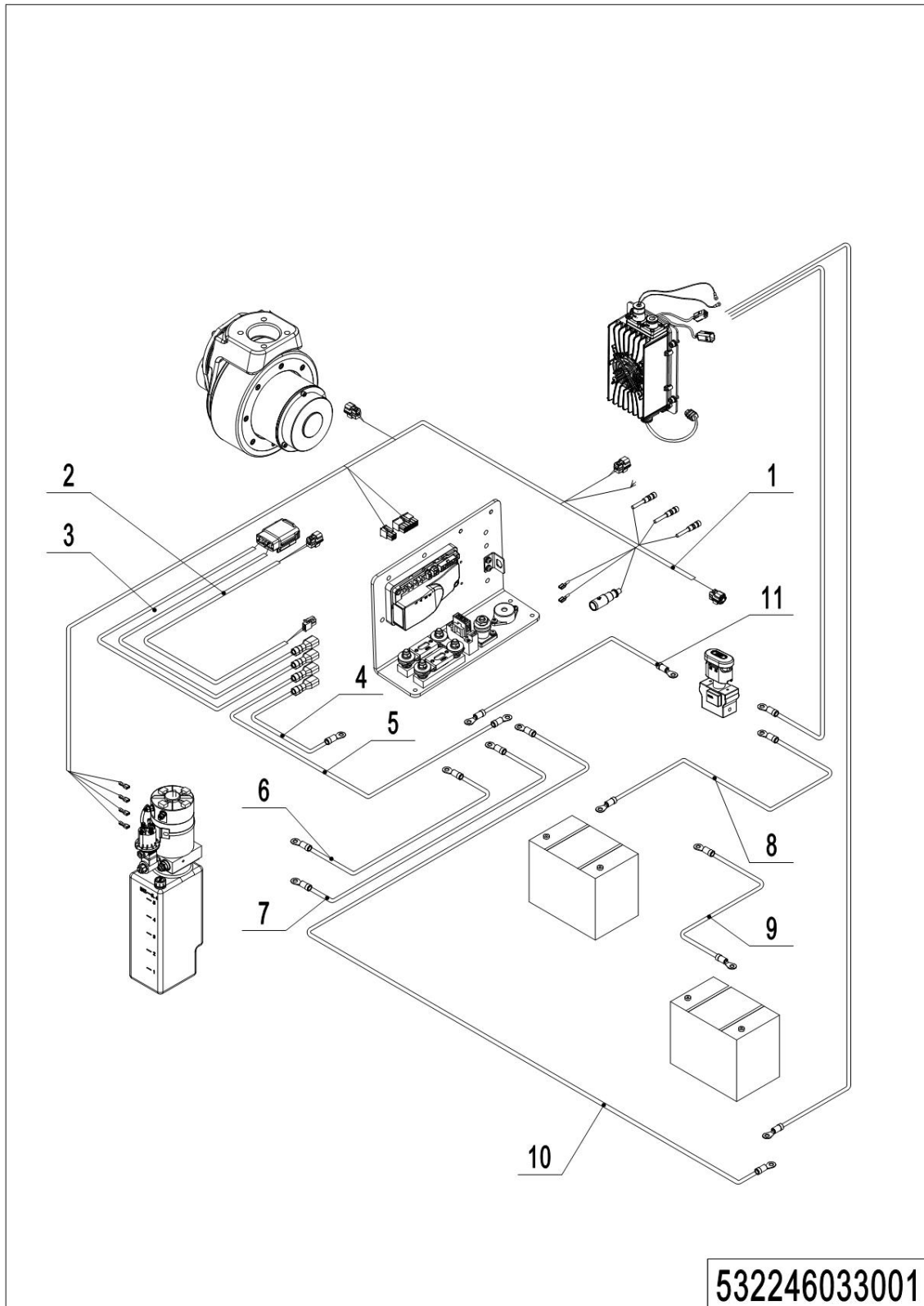


02 Single mast (532246043001) continuation

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
25	910200400016	1	Screw	1		
26	533243510005		Pin	1		
27	910100300049	1	Bolt	1		
28	910400500008	1	Spring Washer	1		
29	532344510009		Chain	1		1600
29	532344510004		Chain	1		2000
30	532233010034		Wire Harness	1		
31	910200200074	1	Screw	2		
32	532243020019		Guard Plate	1		
32	532251520008		Protective Frame	1		
33	532243010001		Cylinder	1		1600
33	532243010004		Cylinder	1		2000
33.01	532298510002		Seal Kit	1		
34	320443020321		Press Plate	8		Protective Frame
35	910200300018		Screw	8		Protective Frame

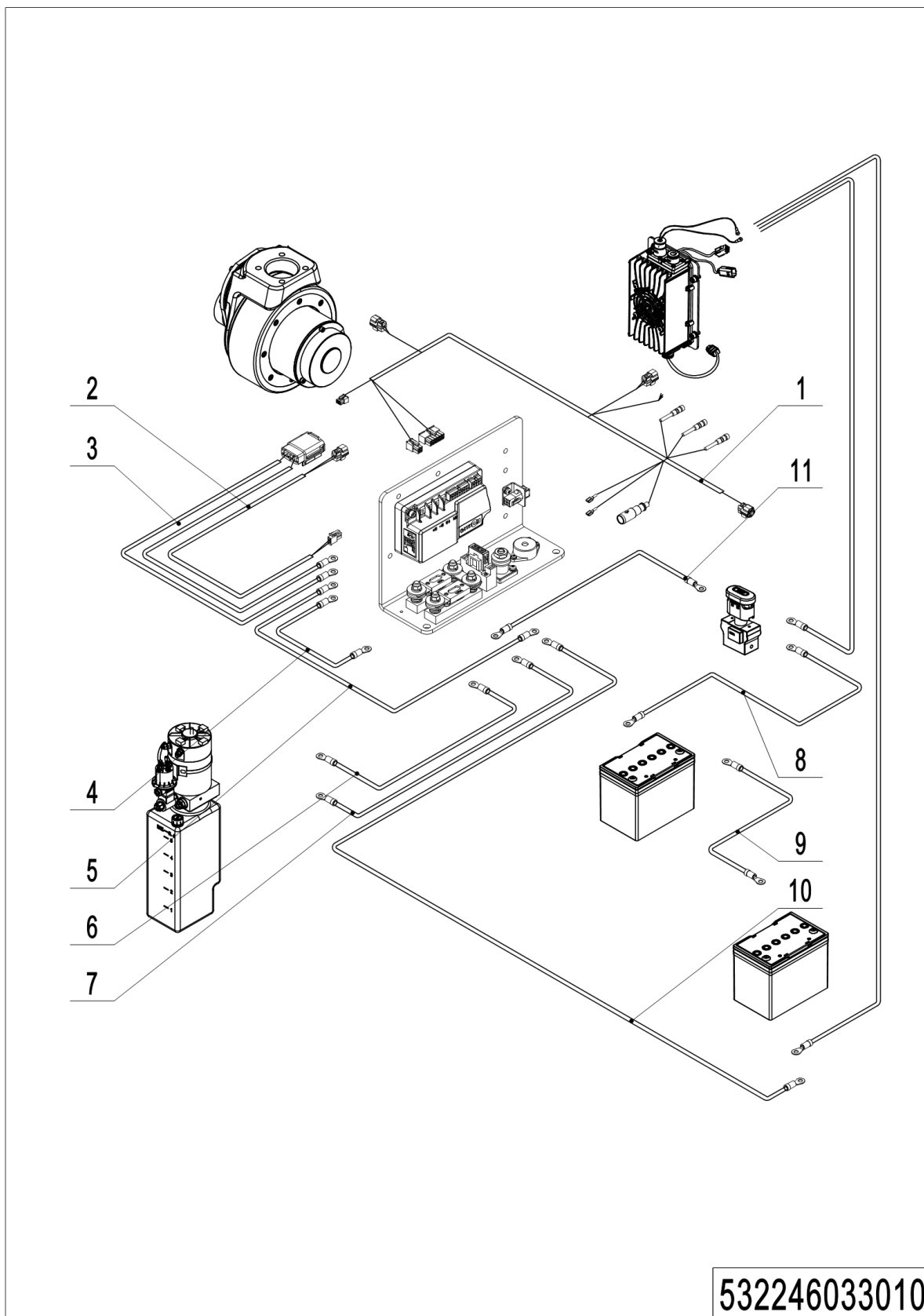
Chapter 6: Electrical parts and wire harness

01 Wire harness (532246033001)



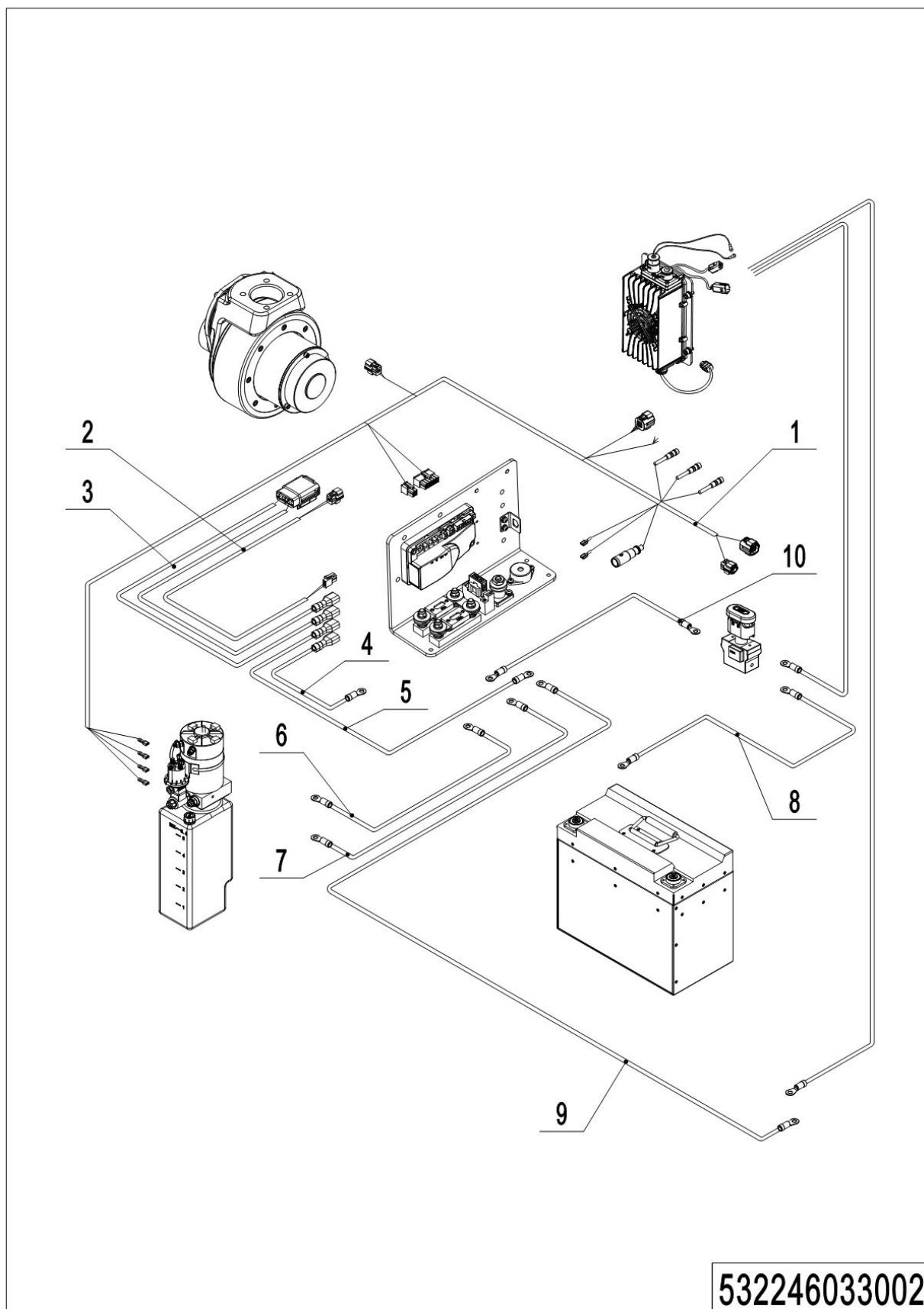
01 Wire harness (532246033001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532233010000		Wire Harness	1		
2	532233010003		Wire Harness	1		
3	532233010004		Wire Harness	1		
4	532233010005		Cables	1		
5	532233010006		Cables	1		
6	532233010007		Cable	1		
7	532233010009		Cable	1		
8	532233010010		Cable	1		85AH
8	532233010013		Cable	1		106AH
9	532233010011		Cable	1		85AH
9	532233010014		Cable	1		106AH
10	532233010012		Cable	1		85AH
10	532233010015		Cable	1		106AH
11	532233010016		Cable	1		

02 Wire harness (EN1175:2020) (532246033010)

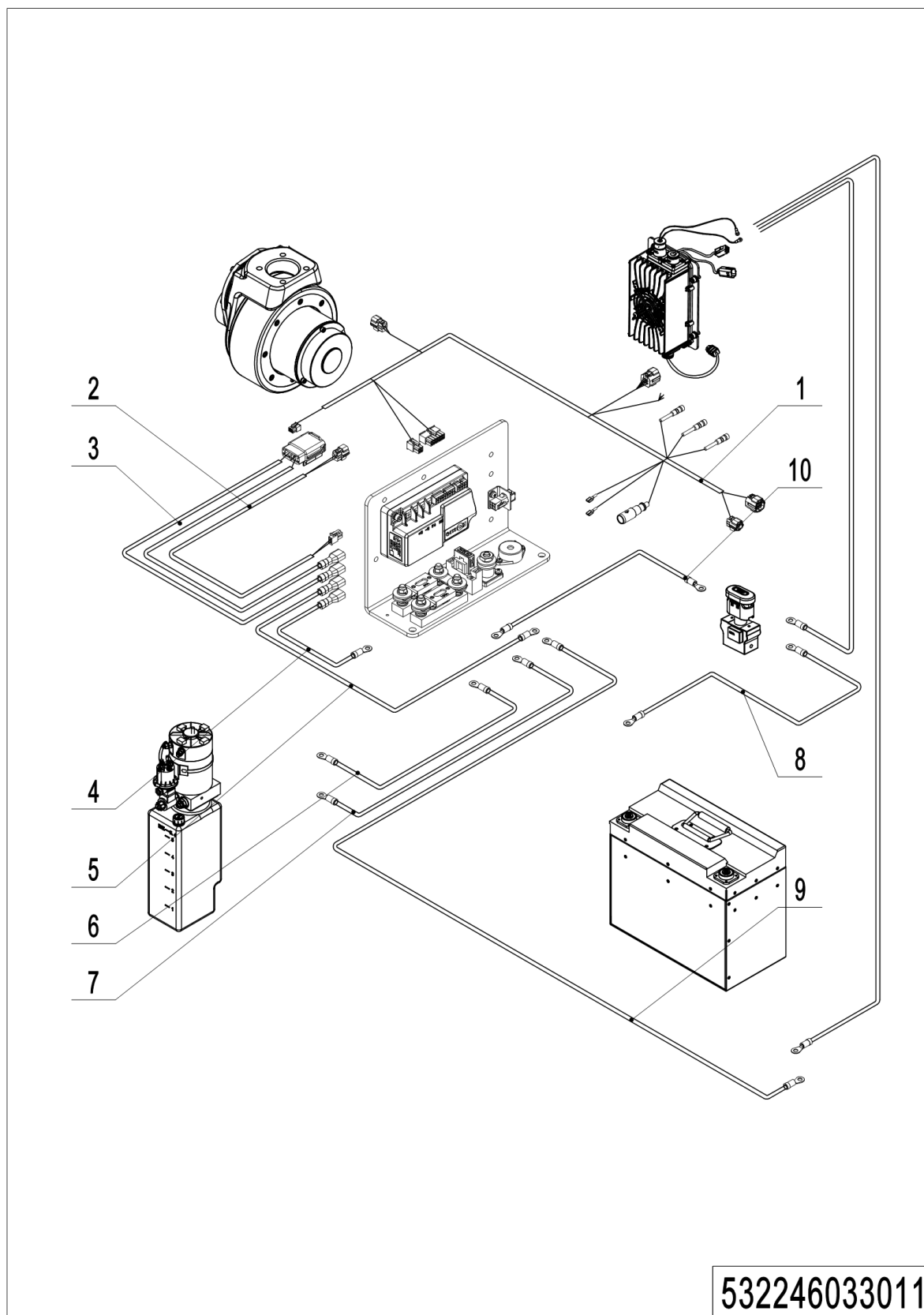
02 Wire harness (EN1175:2020) (532246033010)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532233010032		Wire Harness	1		
2	532233010035		Wire Harness	1		
3	532233010036		Wire Harness	1		
4	532233010037		Cables	1		
5	532233010038		Cables	1		
6	532233010007		Cable	1		
7	532233010009		Cable	1		
8	532233010010		Cable	1		85AH
8	532233010013		Cable	1		106AH
9	532233010011		Cable	1		85AH
9	532233010014		Cable	1		106AH
10	532233010012		Cable	1		85AH
10	532233010015		Cable	1		106AH
11	532233010016		Cable	1		

03 Wire harness (lithium battery) (532246033002)

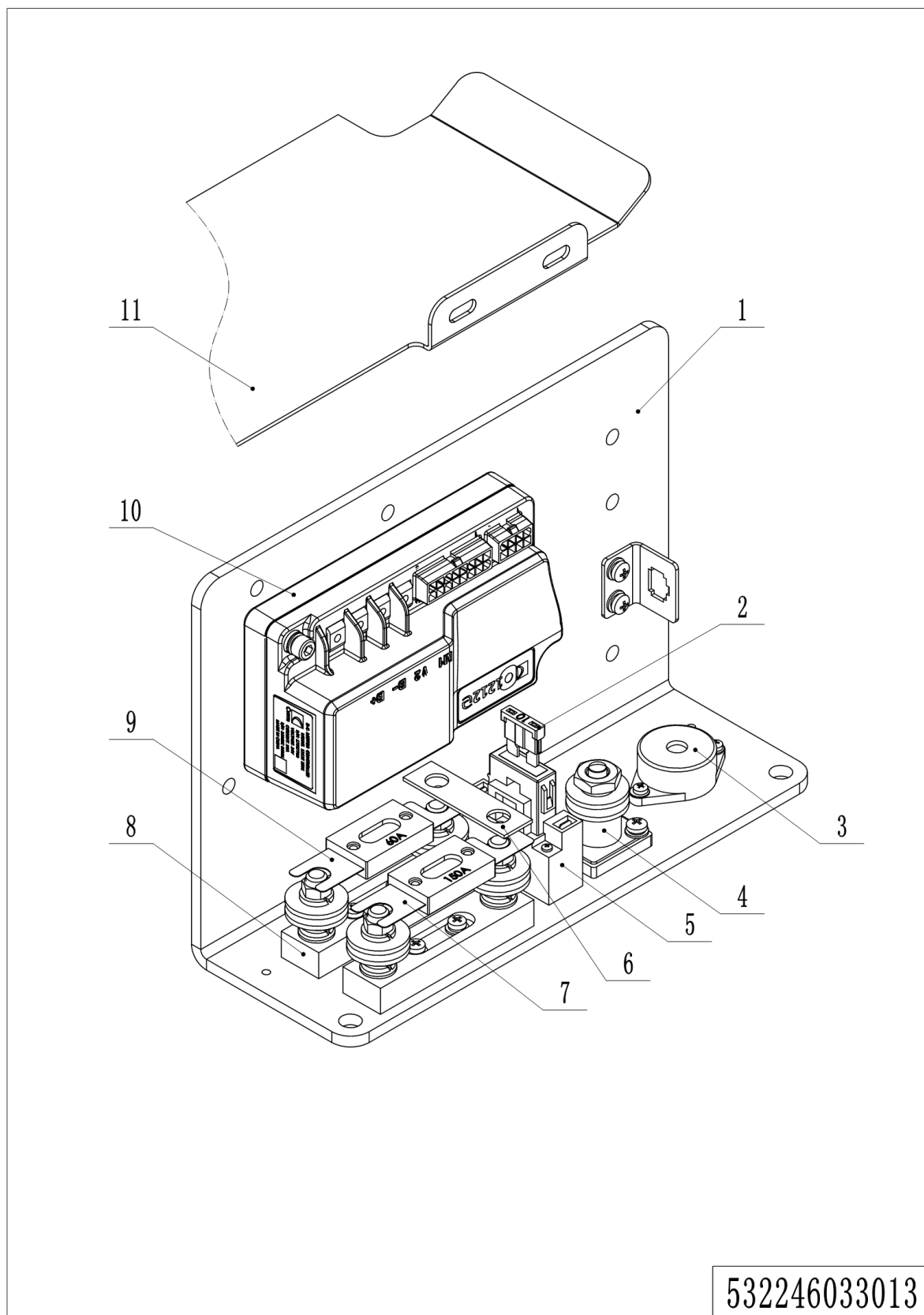
03 Wire harness (lithium battery) (532246033002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532233010001		Wire Harness	1		
2	532233010003		Wire Harness	1		
3	532233010004		Wire Harness	1		
4	532233010005		Cables	1		
5	532233010006		Cables	1		
6	532233010007		Cable	1		
7	532233010009		Cable	1		
8	532233010020		Cable	1		
9	532233010021		Cable	1		
10	532233010016		Cable	1		

04 Wire harness (lithium battery, EN1175:2020) (532246033011)

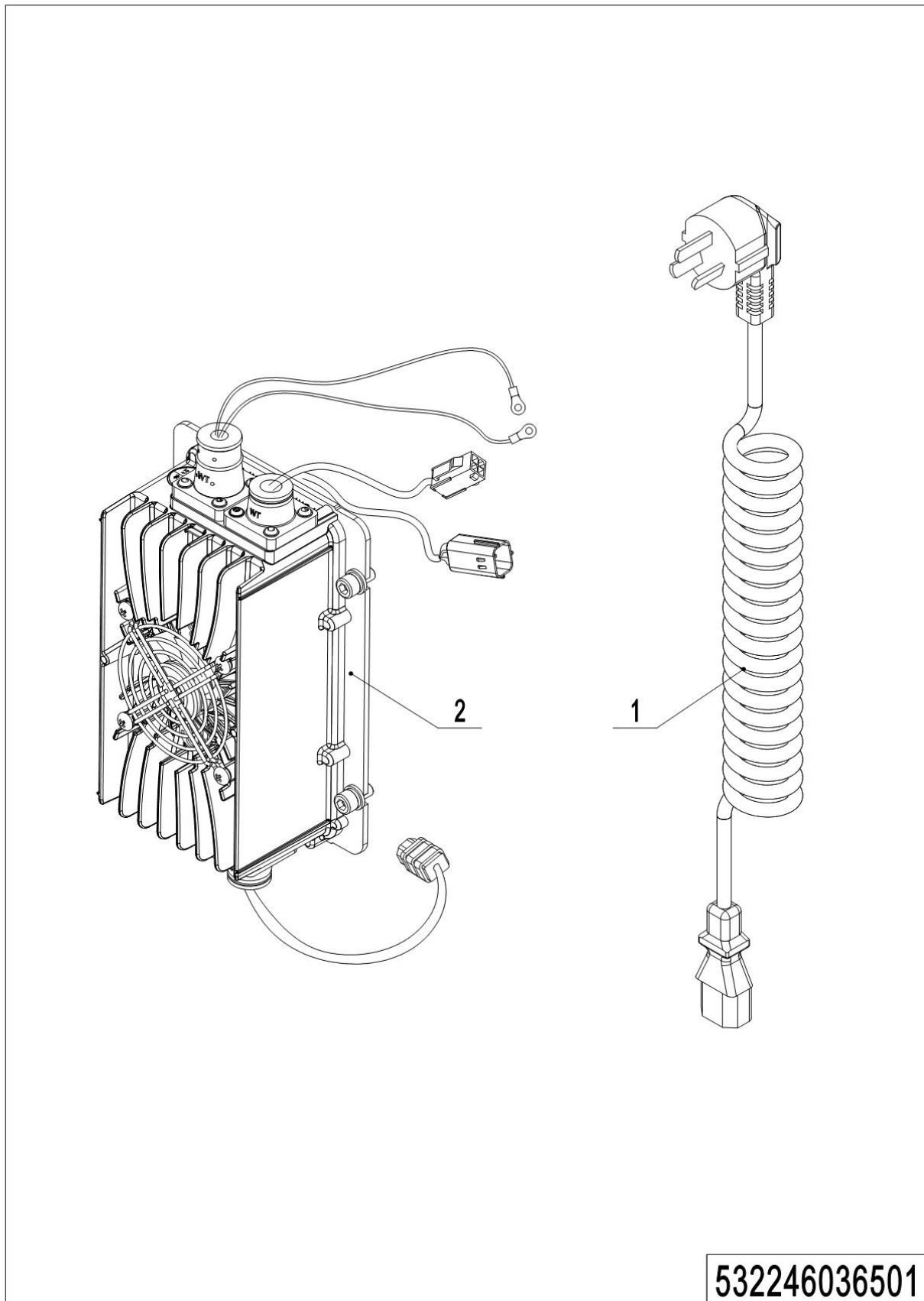
04 Wire harness (lithium battery, EN1175:2020) (532246033011)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532233010042		Wire Harness	1		
2	532233010035		Wire Harness	1		
3	532233010036		Wire Harness	1		
4	532233010037		Cables	1		
5	532233010038		Cables	1		
6	532233010007		Cable	1		
7	532233010009		Cable	1		
8	532233010020		Cable	1		
9	532233010021		Cable	1		
10	532233010016		Cable	1		

05 Electrical control unit (532246033013)

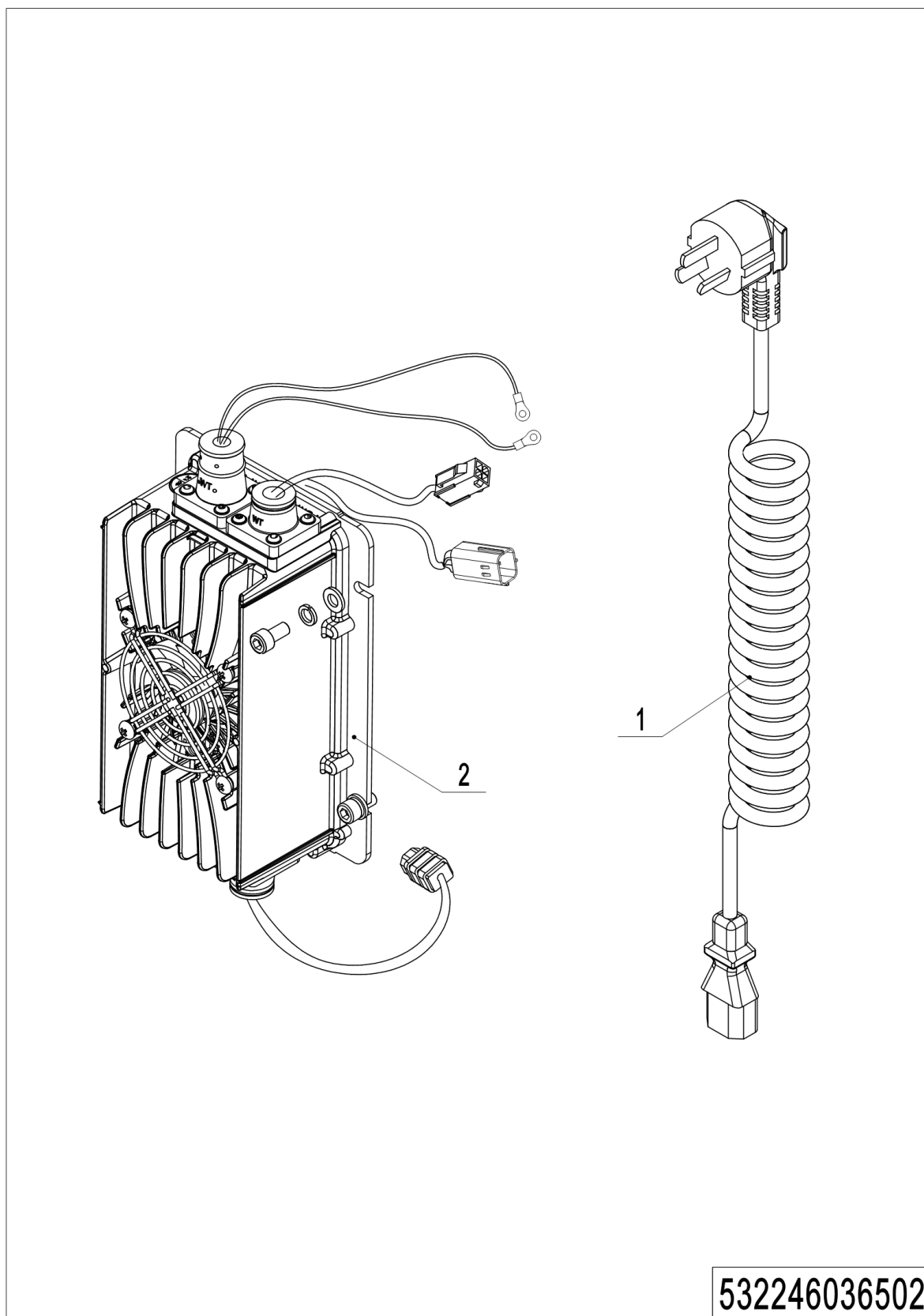
05 Electrical control unit (532246033013)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532233020001		Mounting Plate	1		
2	920100200002		Fuse	1		
3	920500100007		Horn	1		
4	920100400001		Fuse Holder	1		
5	920100400006		Fuse Holder	1		
6	505633020003		Copper Busbar	1		
7	920100100007		Fuse	1		
8	920100400002		Fuse Holder	2		
9	920100100003		Fuse	1		
10	53223301005		Controller	1		Lead-acid battery
10	532233010054		Controller	1		Lithium battery
10	532233010049		Controller	1		Lead-acid battery, EN1175:2020
10	532233010047		Controller	1		Lithium battery, EN1175:2020
11	532221520027		Baffle	1		

06 Charger (lead-acid battery) (532246036501)

06 Charger (lead-acid battery) (532246036501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921500200008		Spring Cable (Asia)	1		
1	921500200005		Spring Cable(EU)	1		EN1175:2020
1	921500200003		Spring Cable(AUS)	1		
1	921500200004		Spring Cable(ENG)	1		EN1175:2020
1	921500200002		Spring Cable(USA)	1		
1	921500200037		Spring Cable(ARG)	1		
1	921500200006		Spring Cable(ITY)	1		EN1175:2020
1	921500200007		Spring Cable(SWD)	1		EN1175:2020
1	921500200029		Spring Cable(ISR)	1		
1	921500200061		Spring Cable(BRA)	1		
1	921500200065		Spring Cable(ZA)	1		
1	921500200067		Spring Cable(JP)	1		
1	921500200066		Spring Cable(IND)	1		
1	921500200068		Spring Cable(Peru)	1		
2	921000100051		Charger24V12V	1		

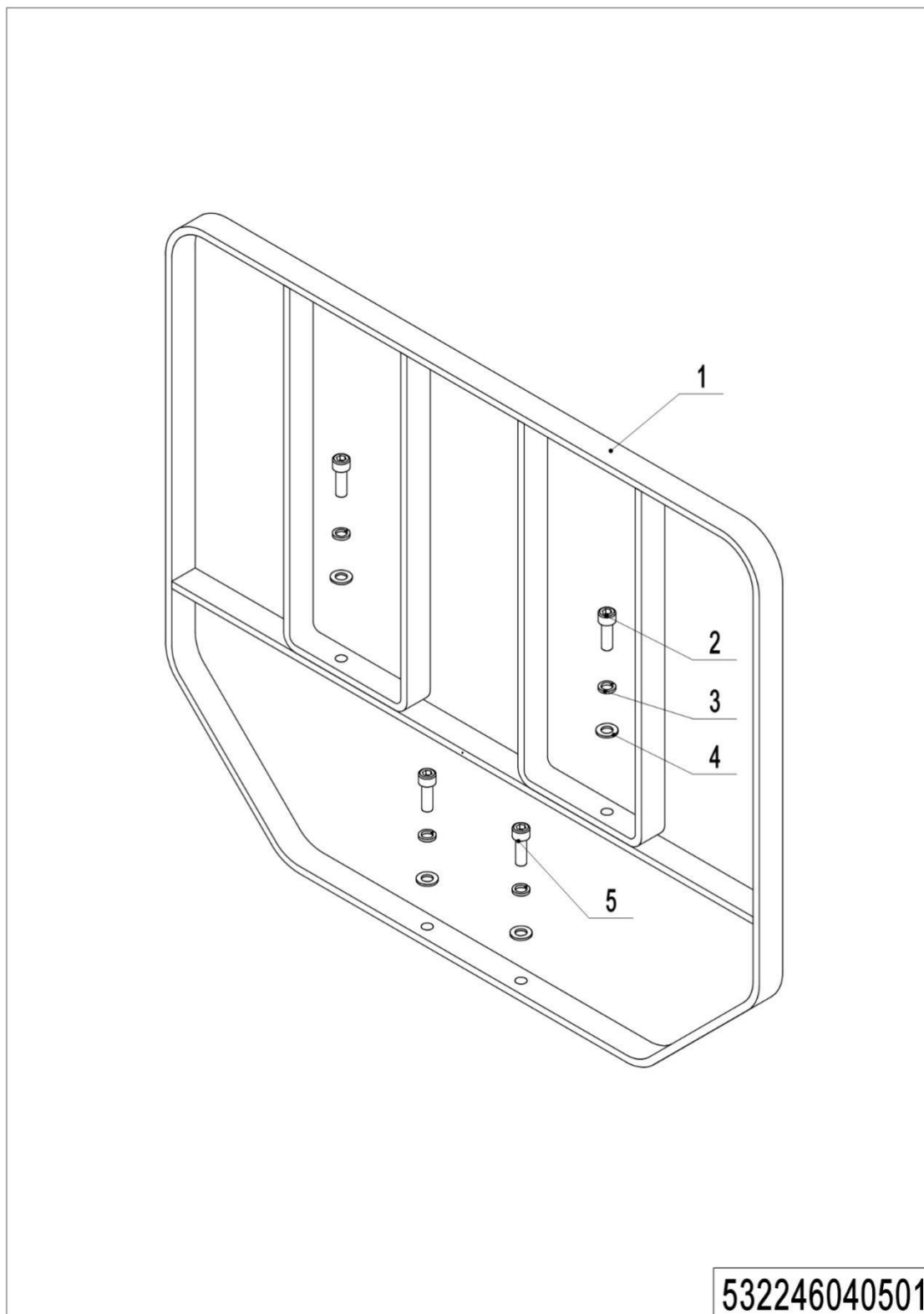
07 Charger (lithium battery) (532246036502)

07 Charger (lithium battery) (532246036502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	921500200008		Spring Cable (Asia)	1		
1	921500200005		Spring Cable(EU)	1		EN1175:2020
1	921500200003		Spring Cable(AUS)	1		
1	921500200004		Spring Cable(ENG)	1		EN1175:2020
1	921500200002		Spring Cable(USA)	1		
1	921500200037		Spring Cable(ARG)	1		
1	921500200006		Spring Cable(ITY)	1		EN1175:2020
1	921500200007		Spring Cable(SWD)	1		EN1175:2020
1	921500200029		Spring Cable(ISR)	1		
1	921500200061		Spring Cable(BRA)	1		
1	921500200065		Spring Cable(ZA)	1		
1	921500200067		Spring Cable(JP)	1		
1	921500200066		Spring Cable(IND)	1		
1	921500200068		Spring Cable(Peru)	1		
2	921000100052		Charger 24V25A	1		

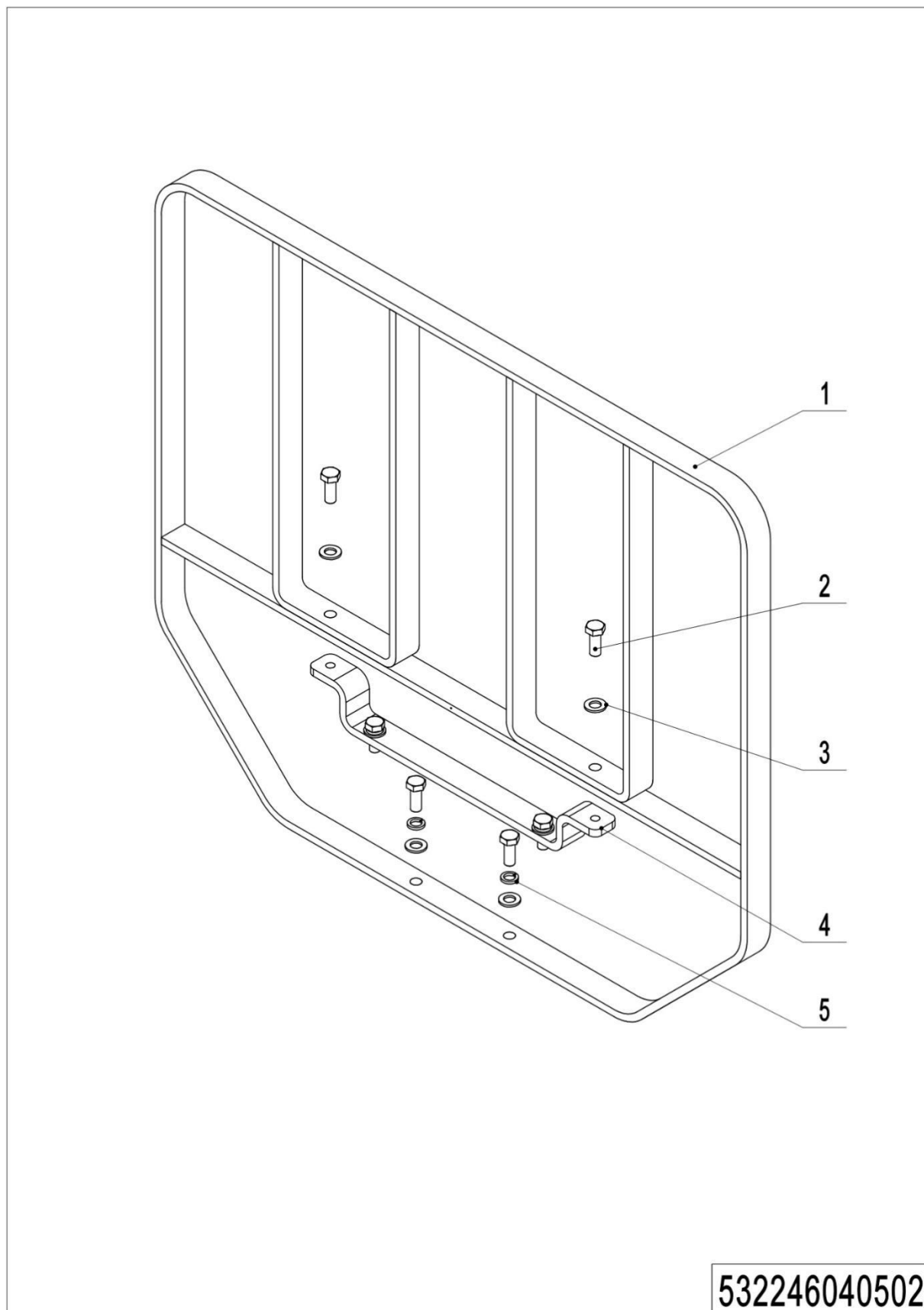
Chapter 7: Special equipment

01 Load backrest (532246040501)



01 Load backrest (532246040501)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532640510001	2	Load Backrest	1		
2	910200200077	1	Screw	2		
3	910400500007	1	Spring Washer	4		
4	910400100007	1	Flat Washer	4		
5	910200200076	1	Screw	2		

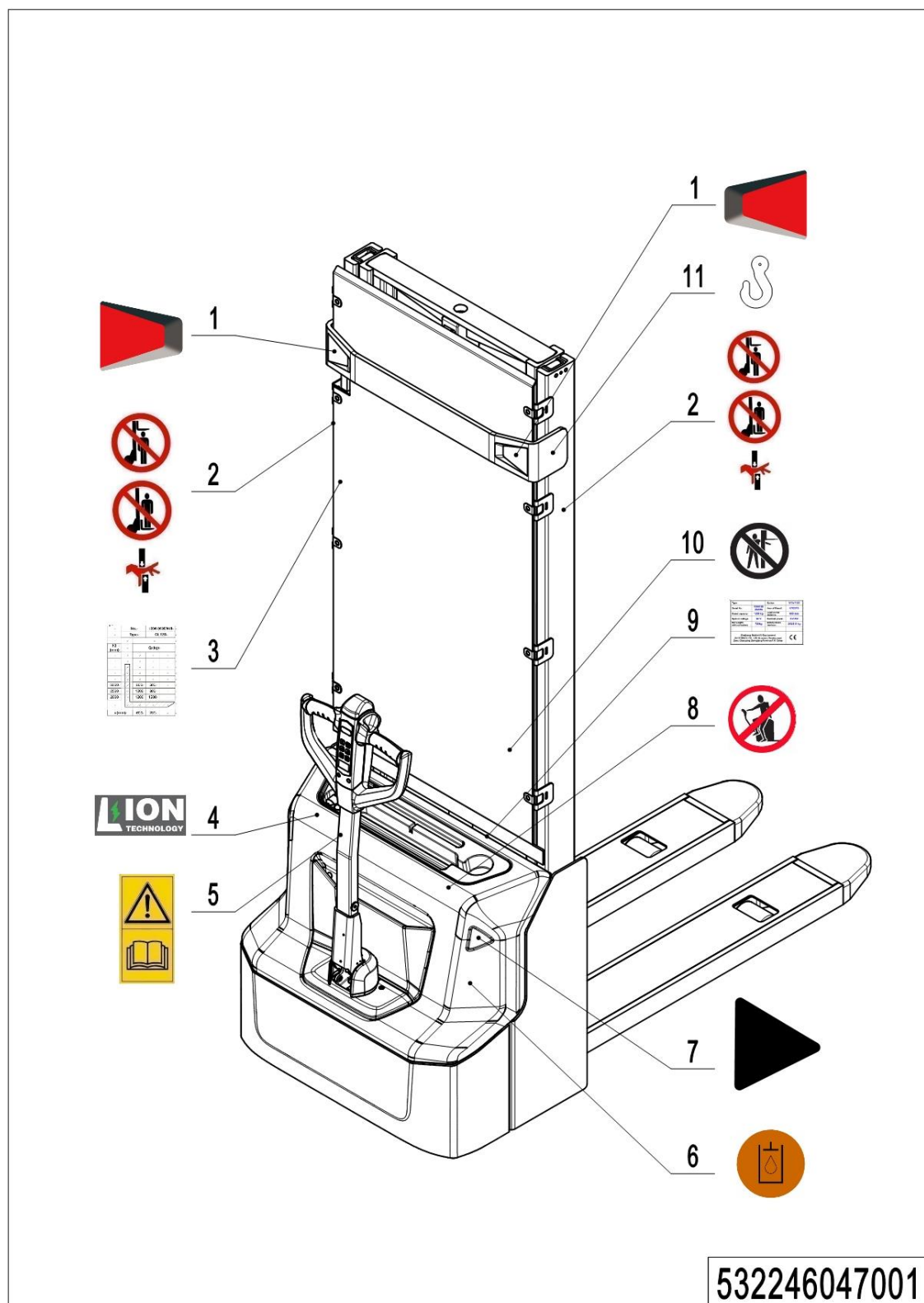
02 Load backrest (Single mast) (532246040502)

02 Load backrest (Single mast) (532246040502)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532640510001	2	Load Backrest	1		
2	910100300036	1	Bolt	6		
3	910400100007	1	Flat Washer	6		
4	532240520001		Division Plate	1		
5	910400500007	1	Spring Washer	4		

Chapter 8: Others

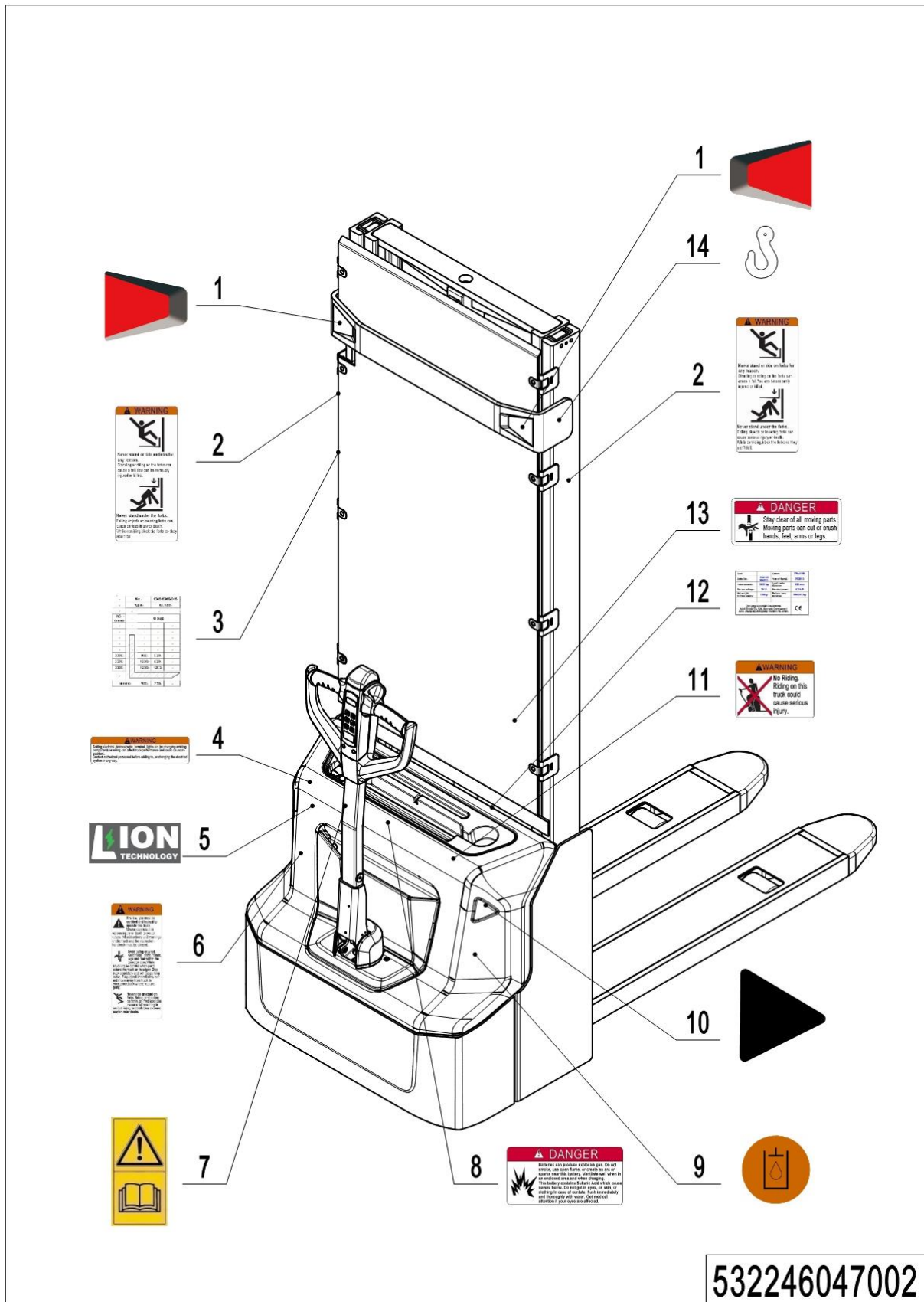
01 Labels and decals (EU) (532246047001)



01 Labels and decals (EU) (532246047001)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532247020007		Label	1		
2	941200100004		Label	2		
3	532247520001		Load Capacity Diagram	1		
4	532247020002		Label	1		Lithium battery
5	941200300002		Label	1		
6	941200300003		Label	1		Inside
7	532247020000		Label	2		
8	941200100003		Label	1		
9	532247520017		Truck data plate	1		
10	941200100006		Label	1		
11	941200300001		Label	2		

02 Labels and decals (USA) (532246047002)



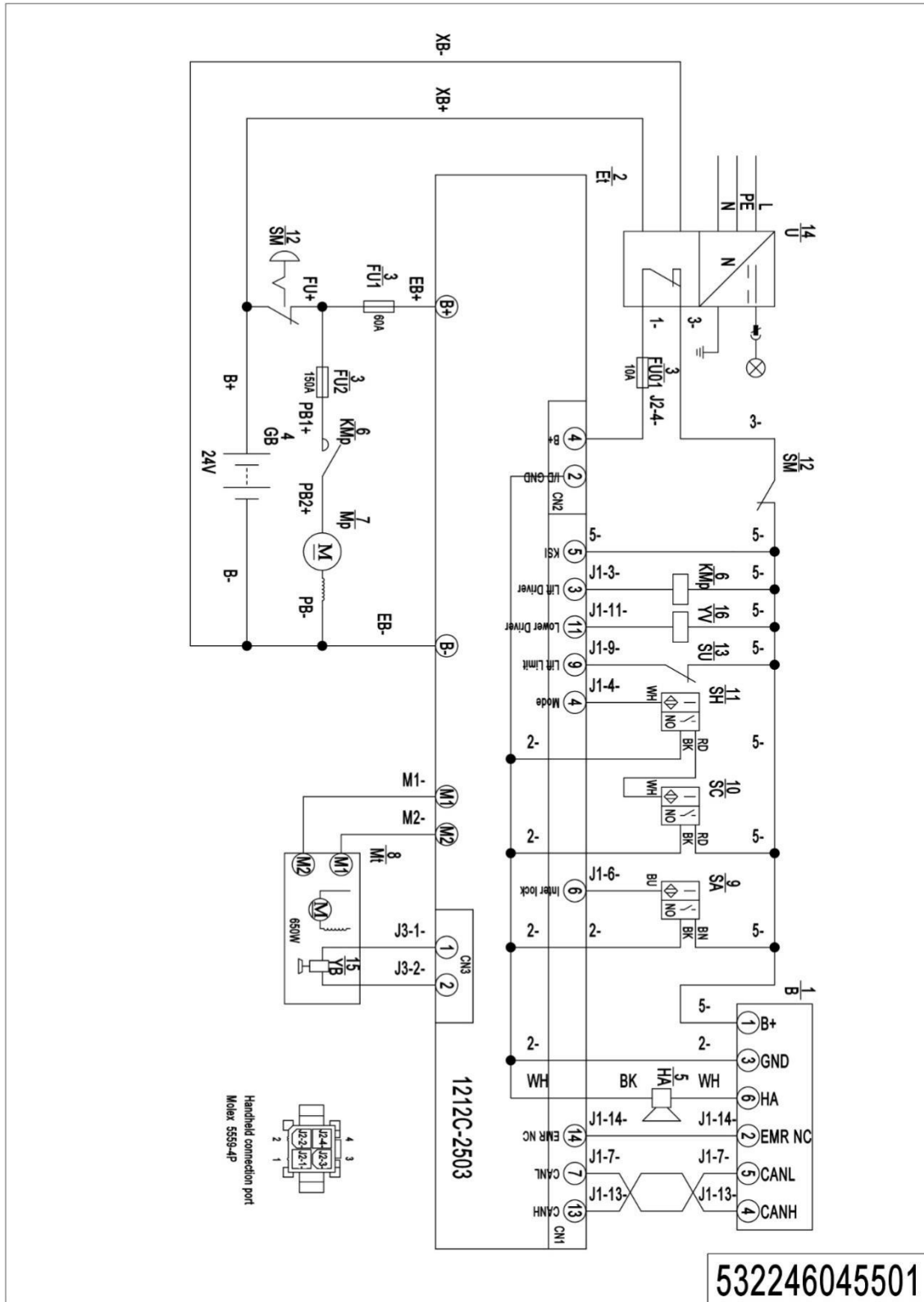
1=Supply as package; 2=Supply with limit; 3=Phasing out supply; 4=Supply as assembly; 5=Check other lists.

02 Labels and decals (USA) (532246047002)

No.	Item Code	Mark	Item Description	Qty.	Substitute	Note
1	532247020007		Label	1		
2	941200100016		Label	2		
3	532247520001		Load Capacity Diagram	1		
4	941200100010		Label	1		
5	532247020002		Label	1		Lithium battery
6	941200100009		Label	1		
7	941200300002		Label	1		
8	941200100013		Label	1		
9	941200300003		Label	1		Inside
10	532247020000		Label	2		
11	941200100011		Label	1		
12	532247520017		Truck data plate	1		
13	941200100014		Label	1		
14	941200300001		Label	2		

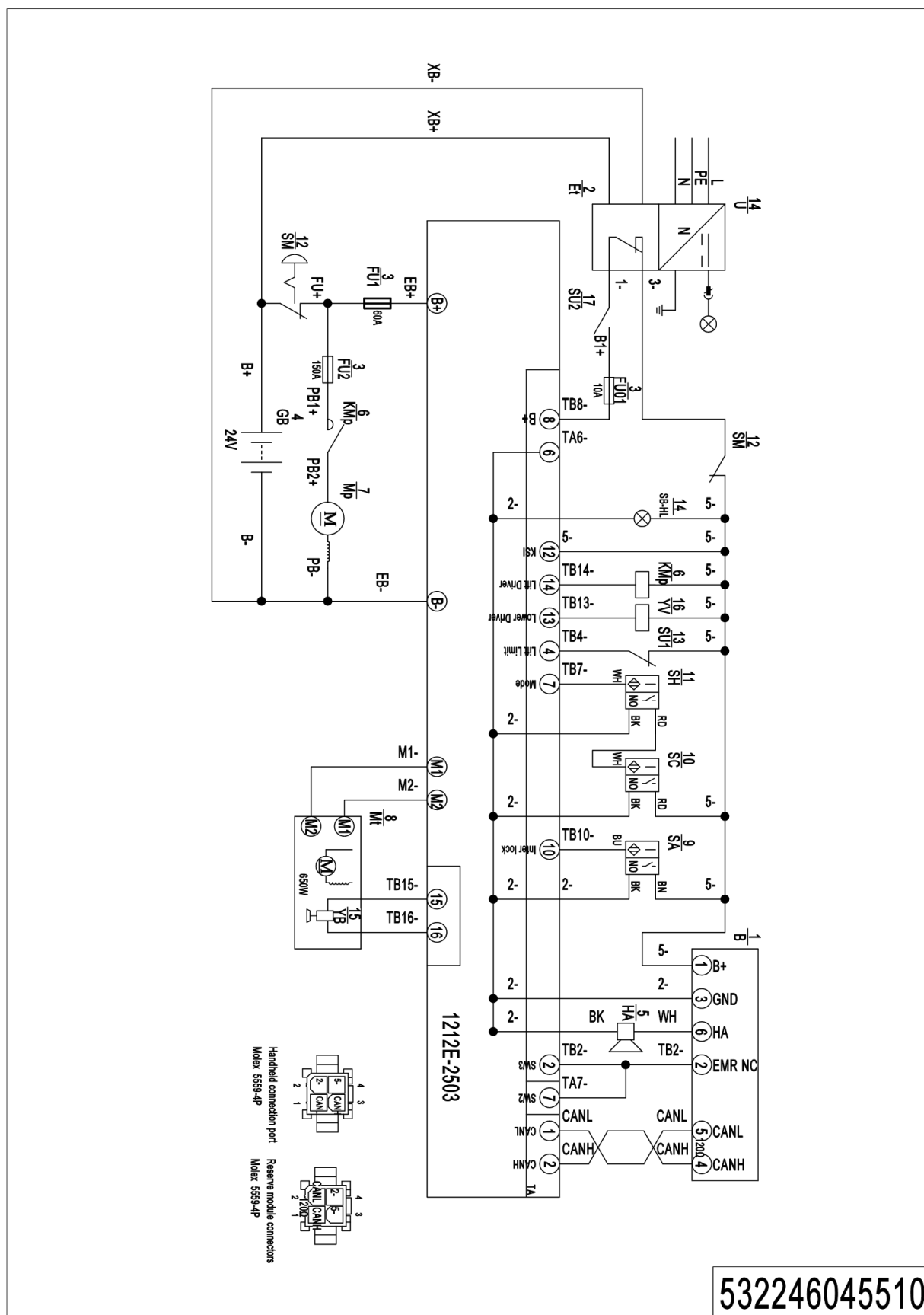
Appendix

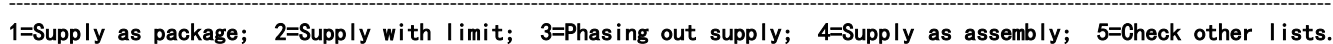
01 Electrical circuit diagram (lead-acid battery) (532246045501)



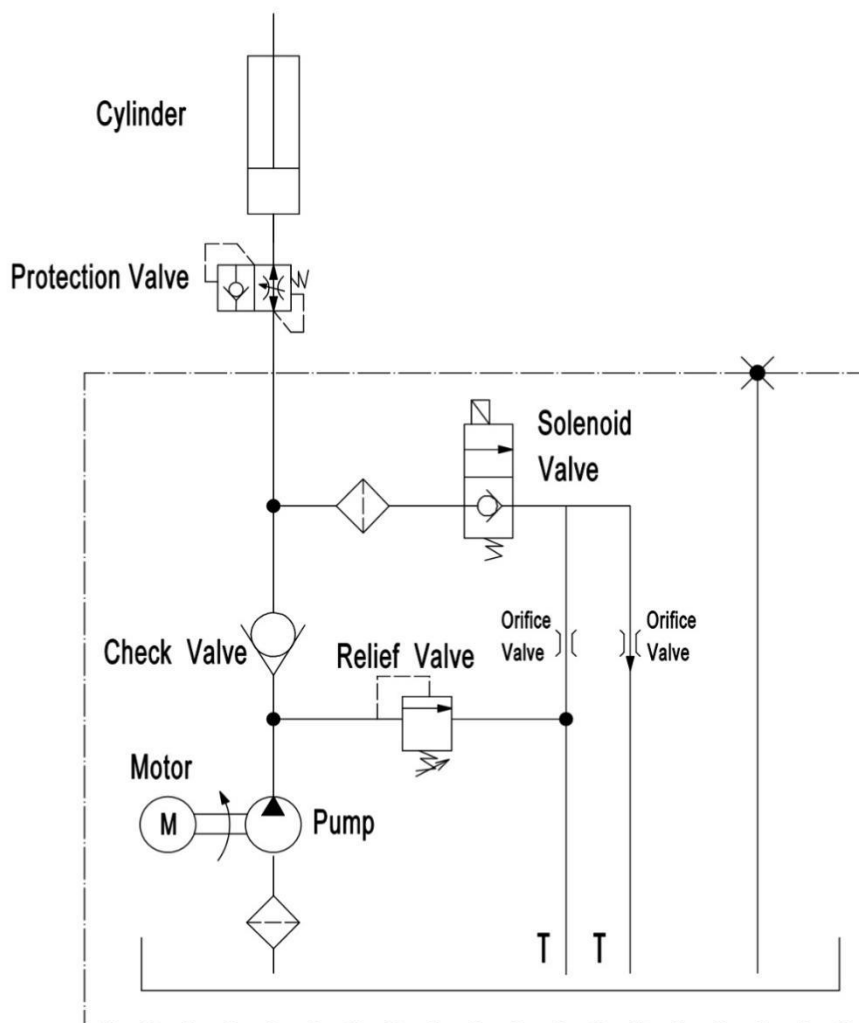
02 Electrical circuit diagram (Lithium battery) (532246045502)

03 Electrical circuit diagram (lead-acid battery, EN1175:2020) (532246045510)





05 Hydraulic circuit diagram (532246045503)



532246045503

06 Easy worn parts list

No.	Item Code	Item Description	Qty.	Chapter/ Section/ Number
1	910700200019	Bearing	4	Chapter 4/07/3.01
1	910700200019	Bearing	2	Chapter 4/08/10.02
2	940300300011	WheelΦ84x93	2	Chapter 4/07/3.02
3	532298510003	Load Roller Accessories	2	Chapter 4/07/3
4	940300300030	WheelΦ100x50	1	Chapter 4/08/10.01
5	910700600001	Bearing	1	Chapter 4/08/15
6	910700700011	Bearing	1	Chapter 4/08/8
7	532298510004	Caster Assembly	1	Chapter 4/08/10
8	532211020003	Gas Spring	1	Chapter 4/01/10.3
9	940500200001	Bushing	2	Chapter 4/01/6
10	532298510002	Seal Kit	1	Chapter 5/01/46.01 Chapter 5/02/33.01
11	910700200020	Bearing	2	Chapter 5/01/37 Chapter 5/02/23
12	920100100003	Fuse	1	Chapter 6/05/9
13	920100100007	Fuse	1	Chapter 6/05/7
14	920100200002	Fuse	1	Chapter 6/05/2