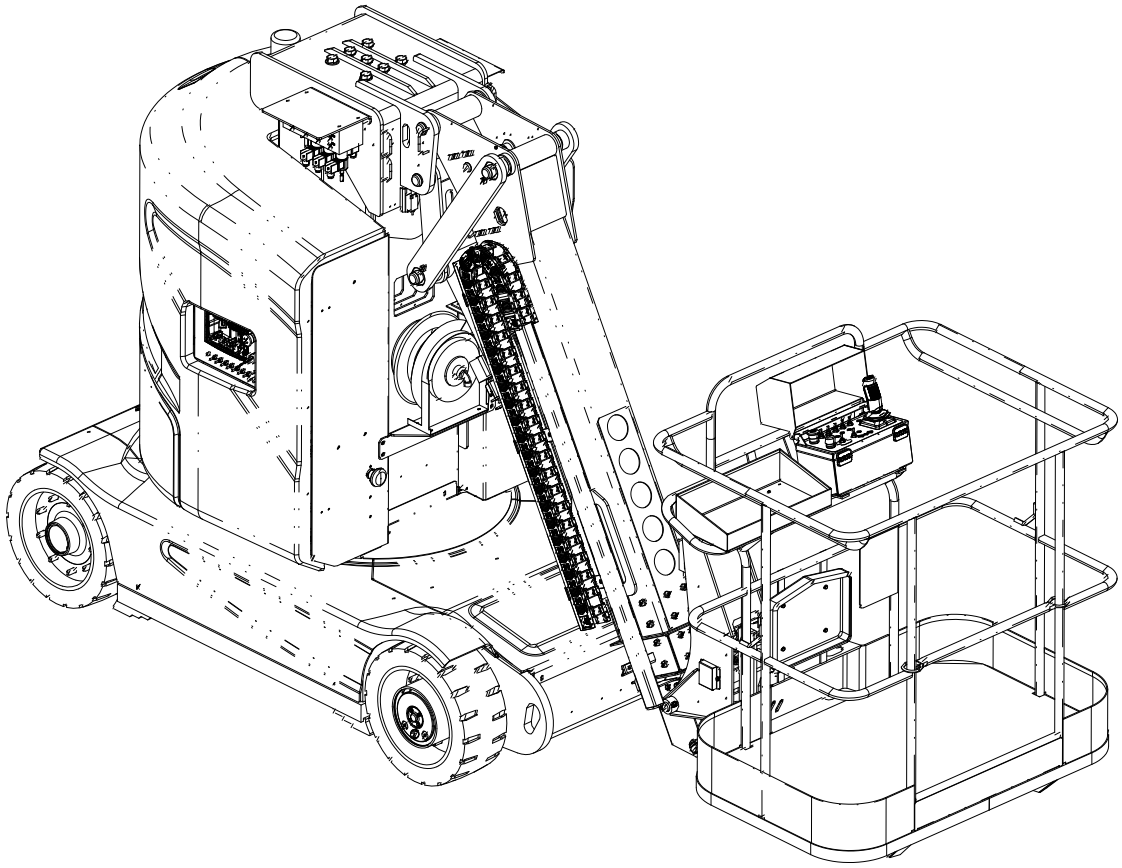
HV Series

Mast-type Aerial Work Platform

HV120AJ

Spare Parts Manual



Hangcha Group Co., Ltd.
February 2024

Foreword

Dear customers, thanks for your trust and purchase of the aerial work platform of Hangcha Group Co., Ltd. Before ordering accessories, please confirm the following circumstances:

1. The accessory would be applied on which model;

2. The accessory belongs to which part or system;

3. Find the page number of the accessory or system in the catalogue;

4. Find the serial number of the part on this page as shown in the figure, and find its material code and name in the table;

5. If you want to place an order, except for the above information, please tell us the quantity you need.

The technical parameters, legends and tables contained in the manual are all latest version.

Due to the continuous updating of products and technologies, the Company will reserve the right to update technical parameters and relevant data without prior notice.

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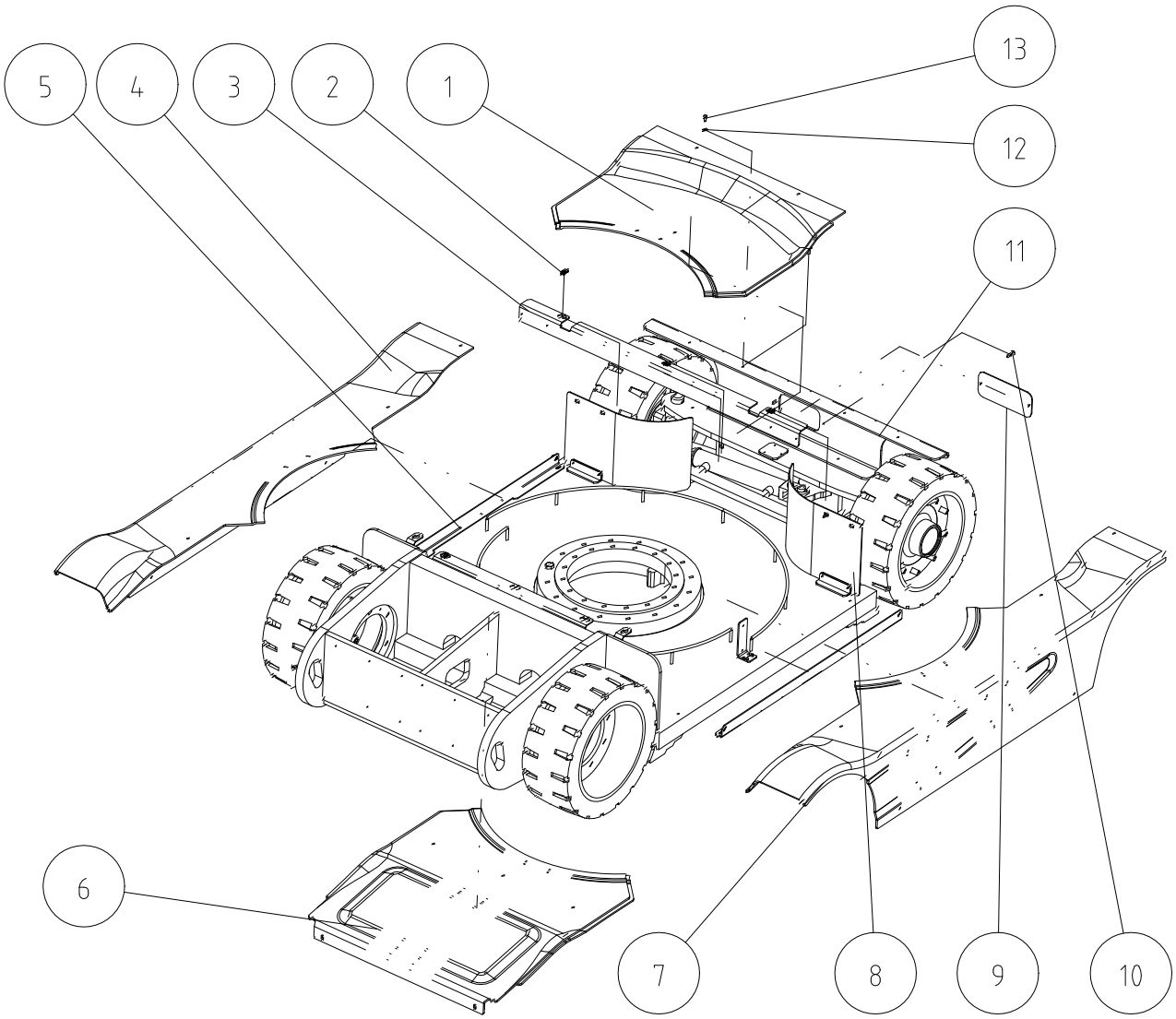
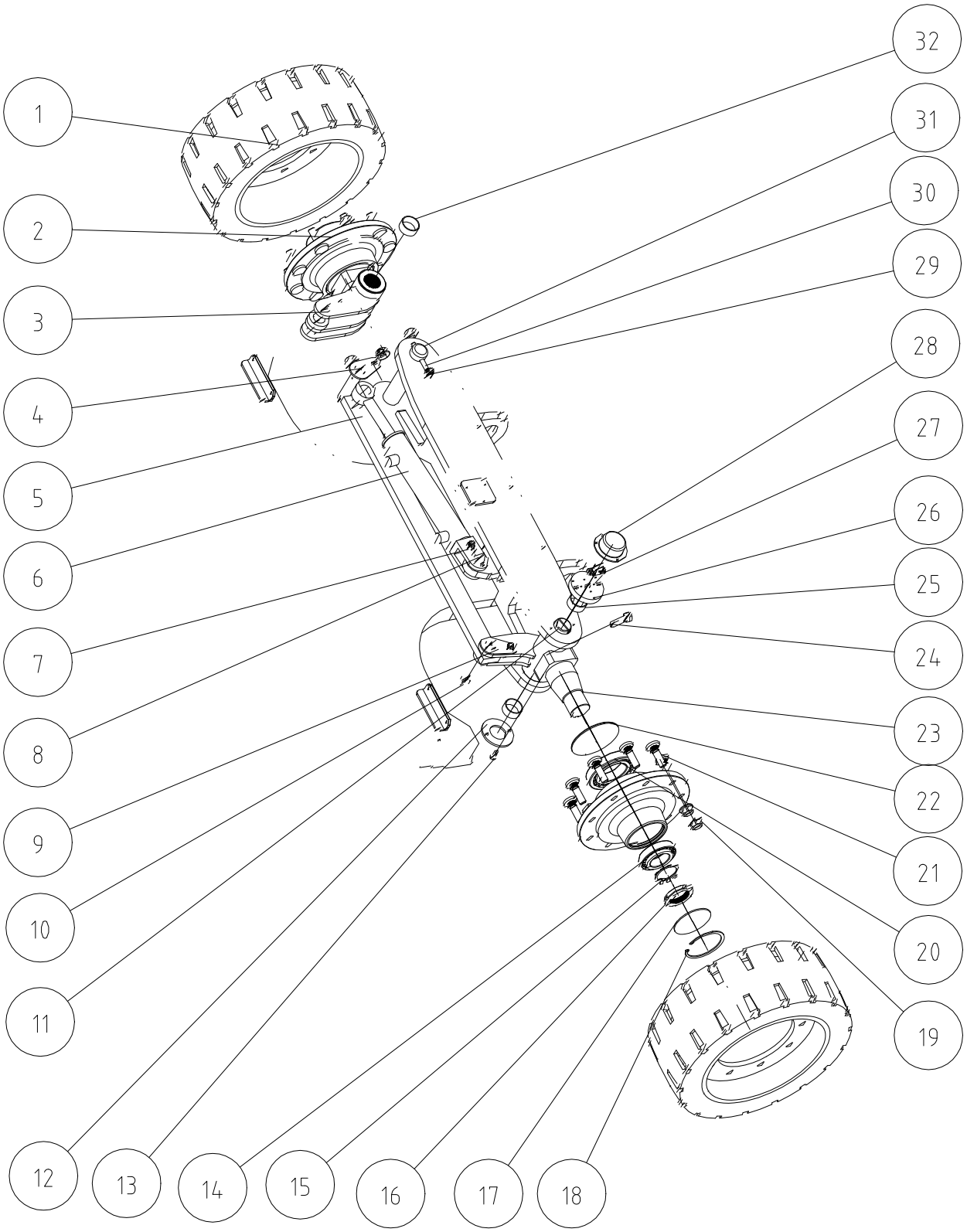
I. Chassis

1-1 Bottom hood assembly



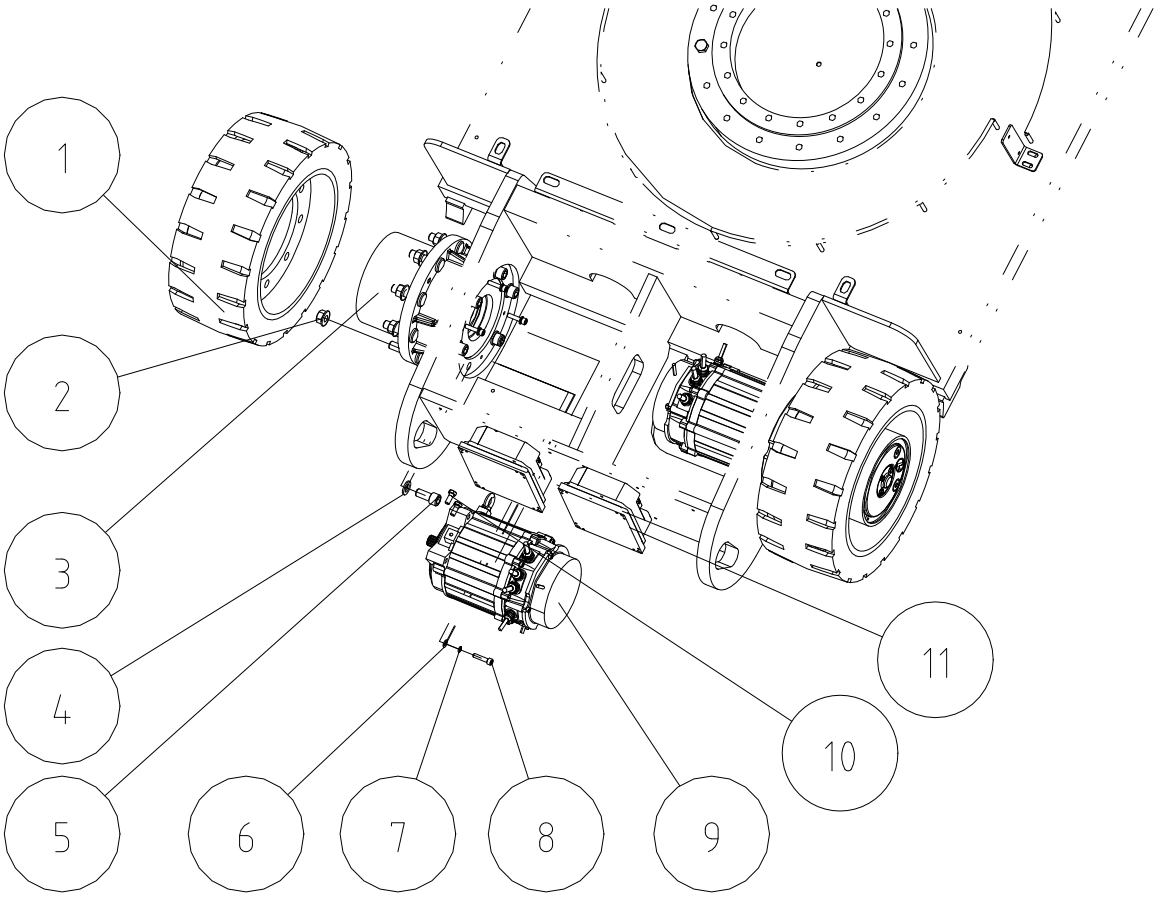
S/N	Material code	Name	Quantity
1	HV120AIJ-420100-000	Front hood	1
2	QT000608-000006-00	Type-B leaf spring nut M6	10
3	HV120AIJ-420007-000	Front hood bracket	1
4	HV120AIJ-420300-000	Left hood	1
5	HV120AIJ-420004-000	Side engine hood lining plate	2
6	HV120AIJ-420200-000	Rear hood	1
7	HV120AIJ-420400-000	Right hood	1
8	HV120AIJ-420006-000	Wheel guard	2
9	HV120AIJ-420005-000	Front cover plate	1
10	G005789-008020-00	Bolt M8×20	13
11	HV120AIJ-420002-000	Front sealing plate	1
12	G000096-000006-01	Large flat washer grade A 6	17
13	GT070P2-006016-03	Inner hex socket button head screw M6×16	17

1-2 Steering system



S/N	Material code	Name	Quantity
1	HV120AIJ-110000-G00	Tire	2
2	GTHZ170C-210200-000	Hub	2
3	HV120AIJ-210100-000	Left steering knuckle	1
4	GTHZ120-200300-000	Pin shaft	1
5	GTHZ120-200100-000	Steering link	1
6	HV120AIJ-620300-000	Steering cylinder	1
7	HS1823RPI-901002-000	Pin shaft 06060	1
8	HV120AIJ-200003-000	Pin shaft 25050	1
9	GTHZ120-200400-000	Pin shaft	1
10	CT-112520-G00	Composite bushing	3
11	HV120AIJ-200001-000	Steering slotted pin shaft	1
12	HV120AIJ-200002-000	Fixing plate	1
13	G005789-006020-00	Bolt M6×20	2
14	GT00297-0030210-00	Tapered roller bearing 30210	2
15	G000858-000050-00	Stop washer 50 for round nut	2
16	G000812-000050-01	Nut M50×1.5	2
17	GTHZ120-210003-000	End cover	2
18	G0893P1-000095-00	Circlip for hole - type A 95	2
19	HZ120P-110002-000	Tire nut	18
20	GT00297-0030214-00	Tapered roller bearing 30214	2
21	GTHZ170C-210001-000	Wheel hub bolt	18
22	GTHZ120-210002-000	Dust cover	2
23	HV120AIJ-220100-000	Right steering knuckle	2
24	G005783-014050-00	Bolt M14×50	1
25	CT-104020-G00	Composite bushing	2
26	HS1823RPI-210004-000	Steering sensor fixing seat	1
27	60XEND-741200-G01	Potentiometer	1
28	GTHZ210C-200005-000	Steering shield sensor	1
29	G005789-010030-01	Bolt M10×30	1
30	HB280PI-210007-000	Pin shaft 10090	1
31	HV120AIJ-200004-000	Pin shaft 40210	1
32	CT-104030-G00	Composite bushing	4

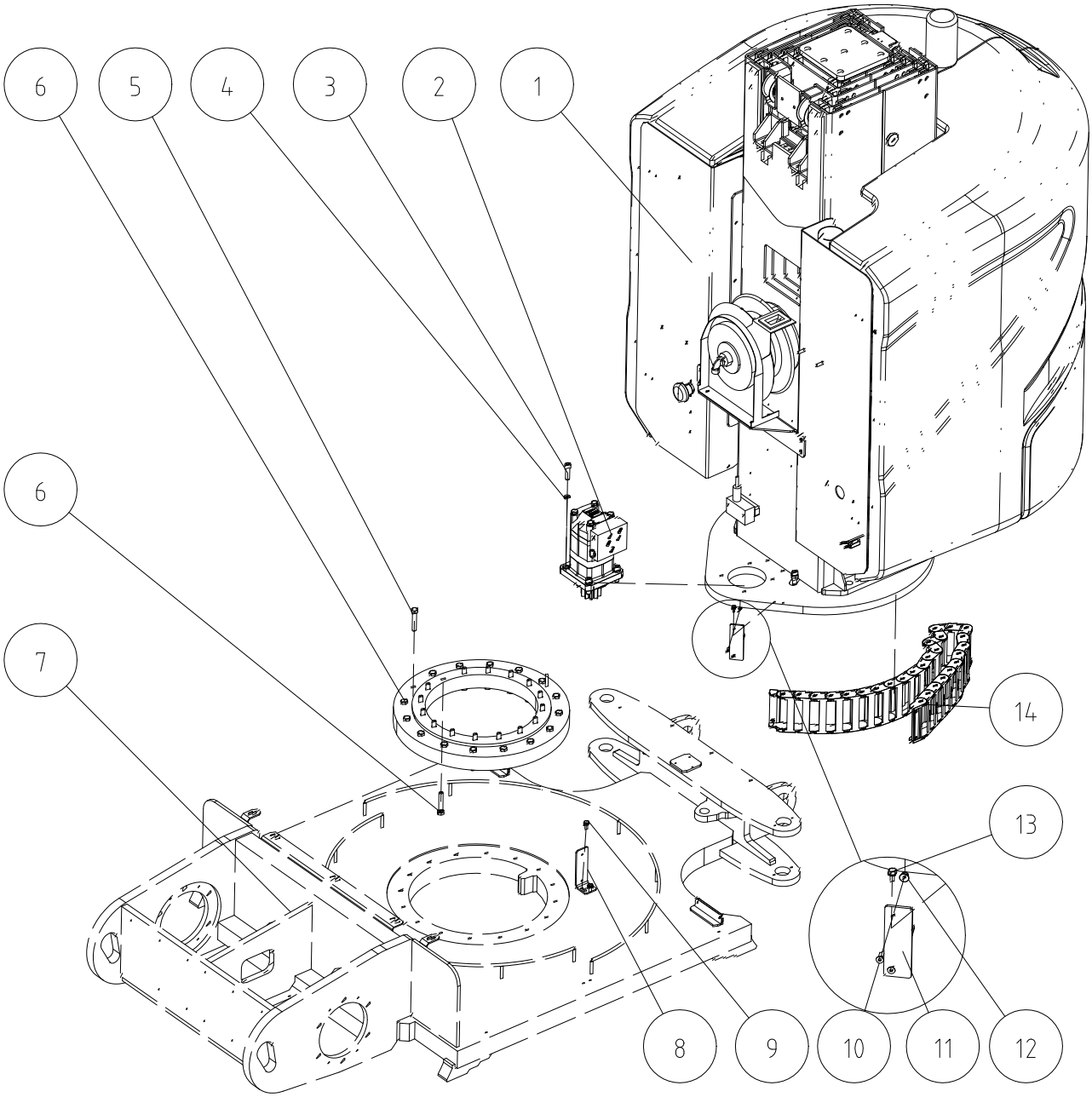
1-3 Drive system



S/N	Material code	Name	Quantity
1	HV120AIJ-110000-G00	Tire	2
2	HZ120P-110002-000	Tire nut	18
3	HZ120P-130000-G00	Reducer	2
4	G000093-000016-00	Washer 16	12
5	G000070-016035-02	Screw M16×35	12
6	G0097P1-000008-00	Washer 8	8
7	G000093-000008-00	Washer 8	8
8	GT070P1-008035-00	Screw M8×35	8
9	HV120AIJ-770200-G00	Traveling motor	2
10	G005783-006025-00	Bolt M6×25	8
11	HV120AIJ-750400-G00	Oil pump driver	2

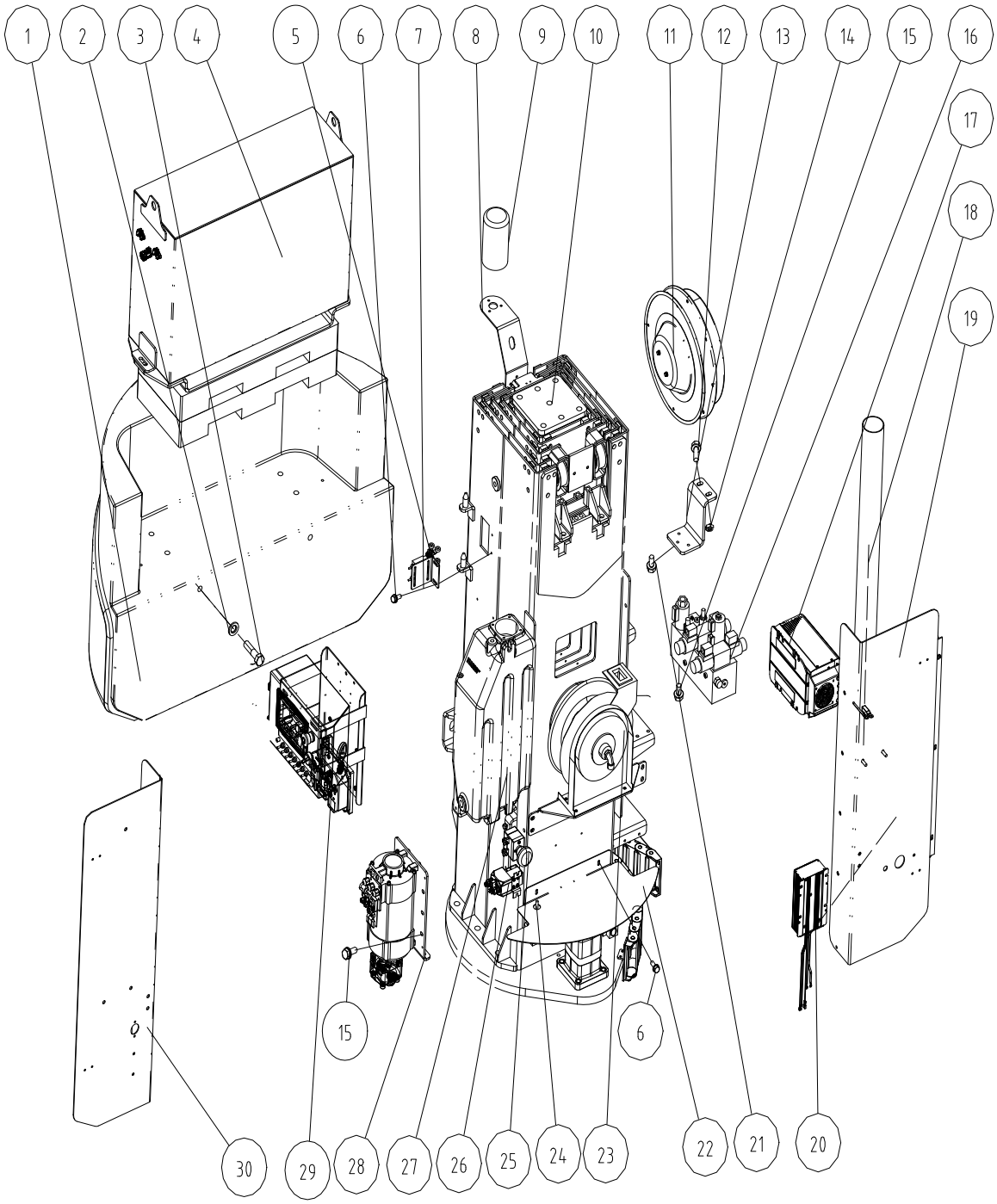
II. Turntable

2-1 Slewing mechanism



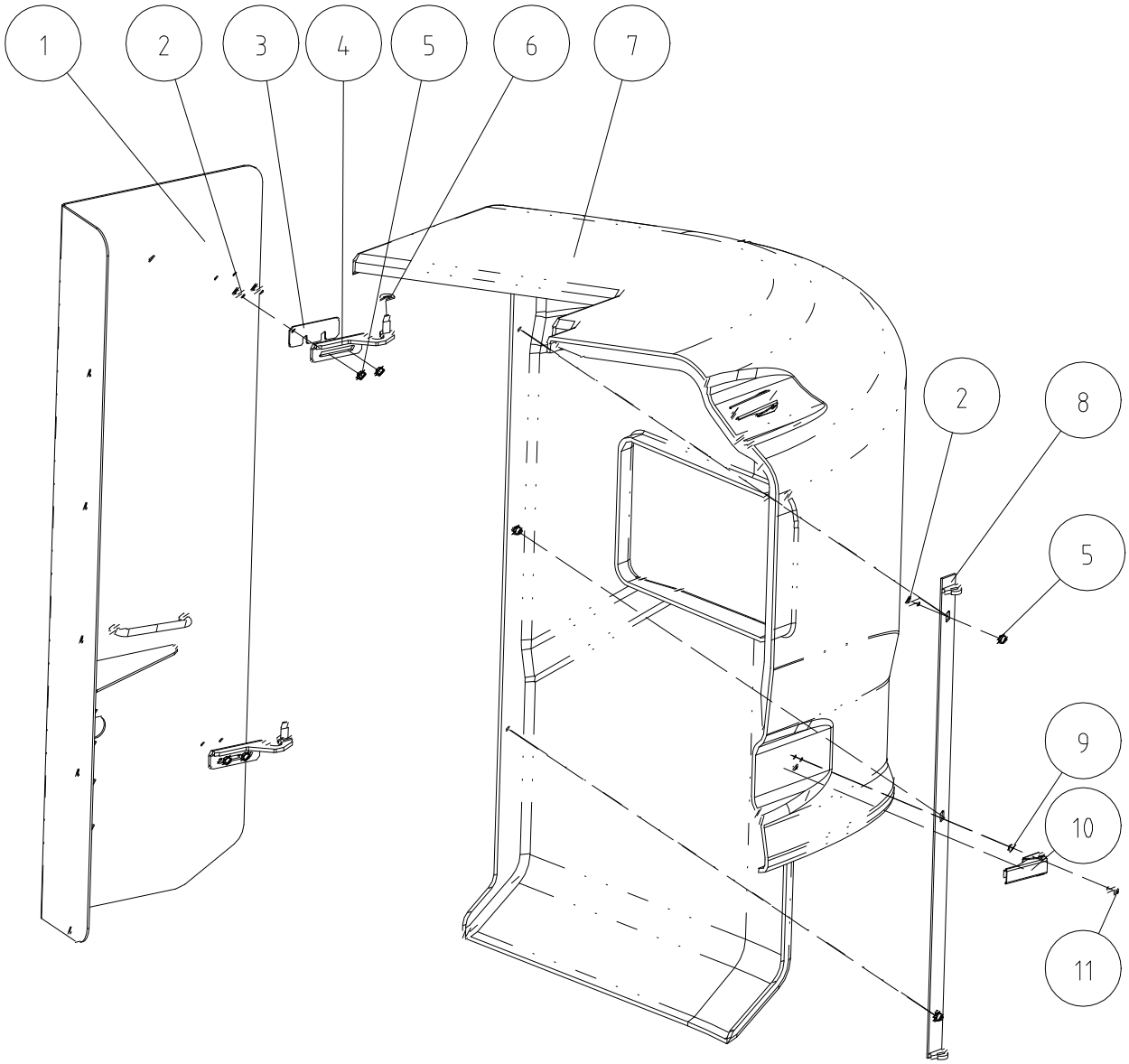
S/N	Material code	Name	Quantity
1		Rotary table	
2	GTWZ110-650100-G00	Rotary motor	1
3	G000070-012040-00	Screw M12×40	4
4	G000093-000012-00	Washer 12	4
5	GTWZ110-493000-G00	Slewing bearing	1
6	G005786-012065-05	Bolt M12×1.5×65	32
7		Frame	
8	HV120AIJ-420008-000	Drag chain bracket	1
9	G005789-008020-00	Bolt M8×20	2
10	GT070P3-006020-00	Screw M6×20	4
11	GTWZ110-497100-000	Drag chain moving end bracket	1
12	G006170-000006-00	Nut M6	4
13	G907417-006016-00	Bolt assembly M6×16	2
14	GTWZ110-420100-G00	Drag chain	1

2-2 Turret layout



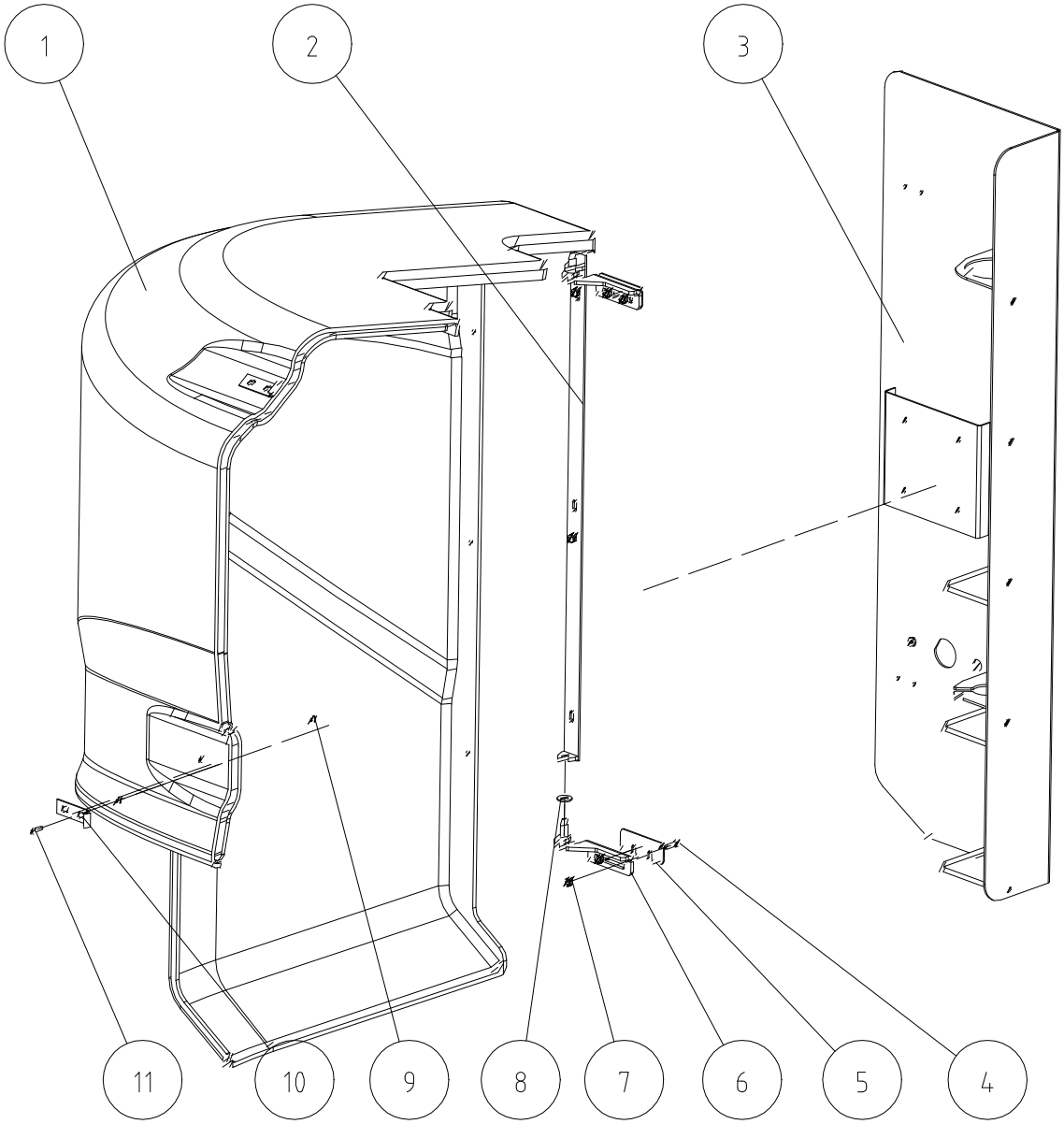
S/N	Material code	Name	Quantity
1	HV120AIJ-010000-000	Counterweight	1
2	GT01230-000020-00	High-strength washers for steel structures 20	3
3	Q000340-020050-00	Hex flange bearing surface toothed bolt M20×50	3
4		Battery pack	1
5	GTWZ110-750400-G00	Limit switch	2
6	G907417-006020-00	Bolt assembly M6×20	19
7	HV120AIJ-470200-000	Upper/lower switch bracket	1
8	HV120AIJ-430701-000	Alarm lamp bracket	1
9	AP251-700050-G00	Alarm lamp	1
10	HV02F440-000000-000	Lifting component	
11	HV120AIJ-640500-000	Double hose reel	1
12	G005783-012040-00	Bolt M12×40	2
13	HV120AIJ-430300-000	Reel bracket	1
14	G006183-000012-00	Nut M12	2
15	G005789-008020-00	Bolt M8×20	4
16	HV120AIJ-640100-000	Main valve	1
17	HV120AIJ-780000-G00	Charger	1
18	HV120AIJ-431401-000	PVC water pipe	1
19	HV120AIJ-432000-000	Right cover plate assembly	
20	XIQX600-700020-000	DC-DC converter	1
21	G005789-010025-00	Bolt M10×25	3
22	HV120AIJ-430601-000	Motor cover plate	1
23		Optional cable reel assembly	
24	HV120AIJ-640600-000	Lowering valve block	1
25	AIBS600-700001-000	Power-off switch	1
26	GTHZ210C-751102-G00	Contactor	1
27		Fuel tank component	1
28		Oil pump assembly	1
29		Lower control assembly component	1
30	HV120AIJ-432000-000	Left cover plate assembly	

2-3 Left cover plate assembly



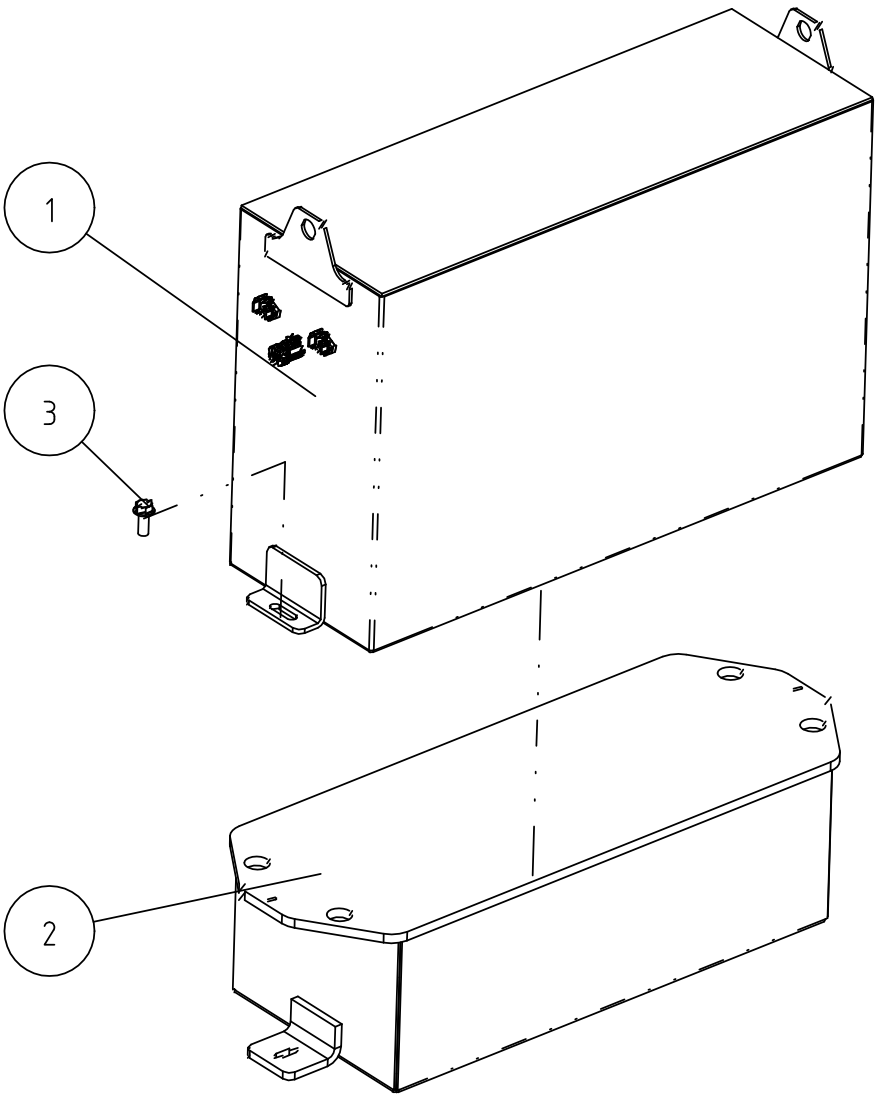
S/N	Material code	Name	Quantity
1	HV120AIJ-432100-000	Left cover plate weldment	1
2	GT070P2-006020-03	Inner hex socket button head screw M6×20	7
3	HV120AIJ-431001-000	Adjusting shim	2
4	HV120AIJ-432200-000	Left hood rotating shaft	2
5	G006183-000006-00	Nut M6	7
6	G0097P1-000010-00	Washer 10	2
7	HV120AIJ-430002-000	Electrical side hood	1
8	HV120AIJ-431300-000	Right hood rack	1
9	G006183-000005-00	Nut M5	4
10	QJ800-420100-000	Lock catch component	2
11	GT070P2-005020-00	Screw M5×20	4

2-4 Right cover plate assembly



S/N	Material code	Name	Quantity
1	HV120AIJ-430001-000	Hydraulic side hood	1
2	HV120AIJ-431300-000	Right hood rack	1
3	HV120AIJ-431100-000	Right cover plate weldment	1
4	GT070P2-006020-03	Inner hex socket button head screw M6×20	7
5	HV120AIJ-431001-000	Adjusting shim	2
6	HV120AIJ-431200-000	Right hood rotating shaft	2
7	G006183-000006-00	Nut M6	7
8	G0097P1-000010-00	Washer 10	2
9	G006183-000005-00	Nut M5	4
10	QJ800-420100-000	Lock catch component	2
11	GT070P2-005020-00	Screw M5×20	4

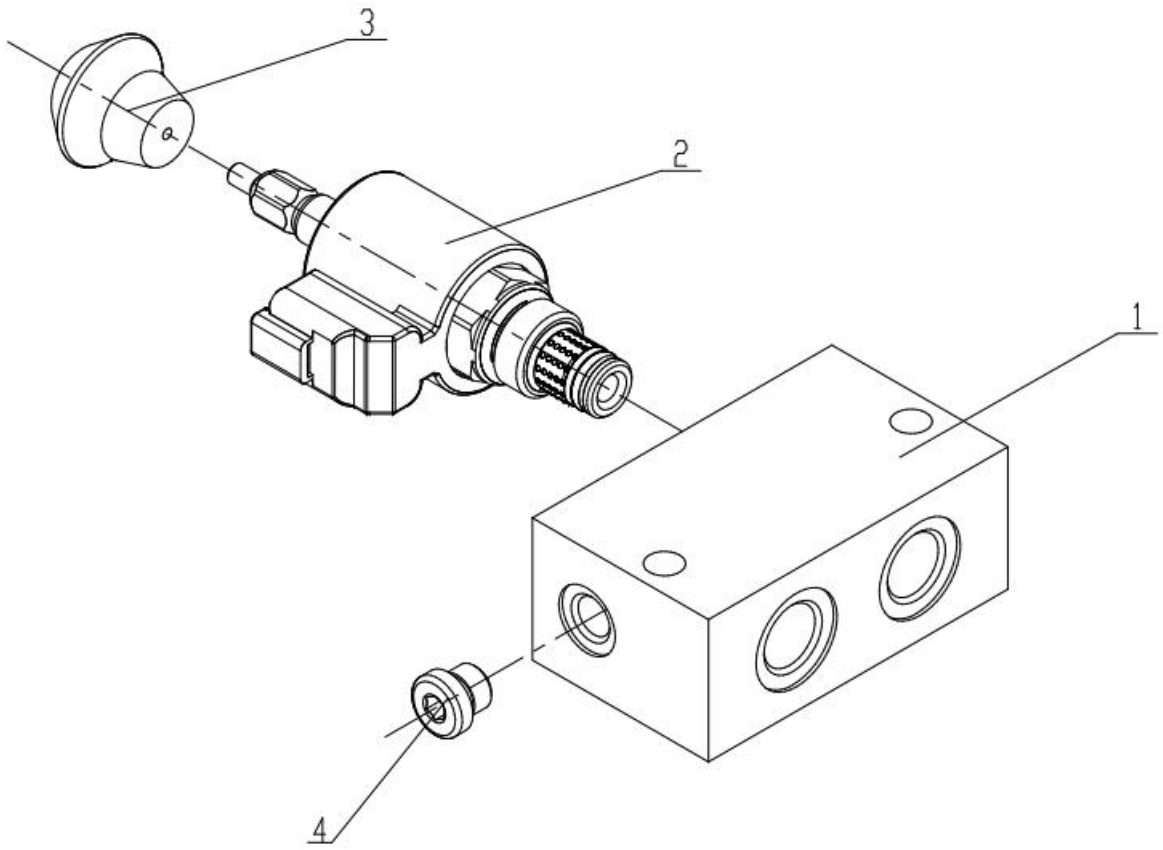
2-5 Battery pack



Lithium battery pack			
S/N	**Material code**	**Name**	**Quantity**
1	HV120AIJ-760100-G00	Lithium battery	1
2	HV120AIJ-760300-000	Lithium battery counterweight	1
3	G005789-012025-00	Bolt M12×25	2

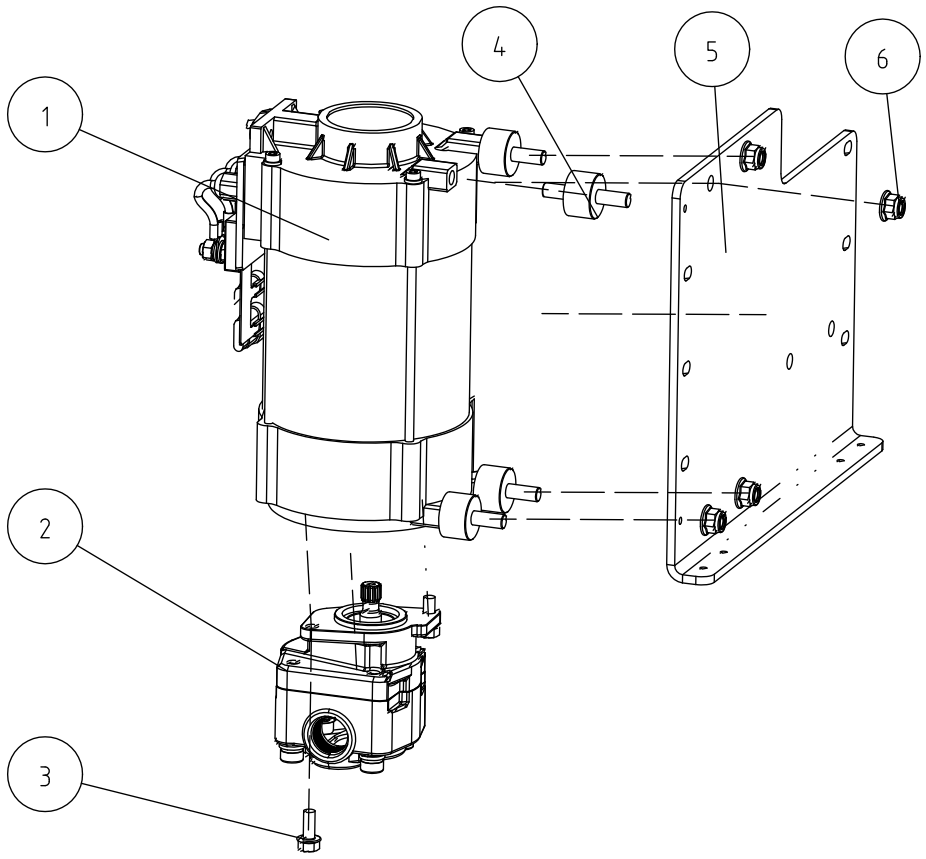
Optional lead-acid battery pack			
S/N	**Material code**	**Name**	**Quantity**
1	HV120AIJ-760100-G01	Lead-acid battery	1
2	G005789-010020-00	Bolt M10×20	2

2-6 Lowering valve block assembly



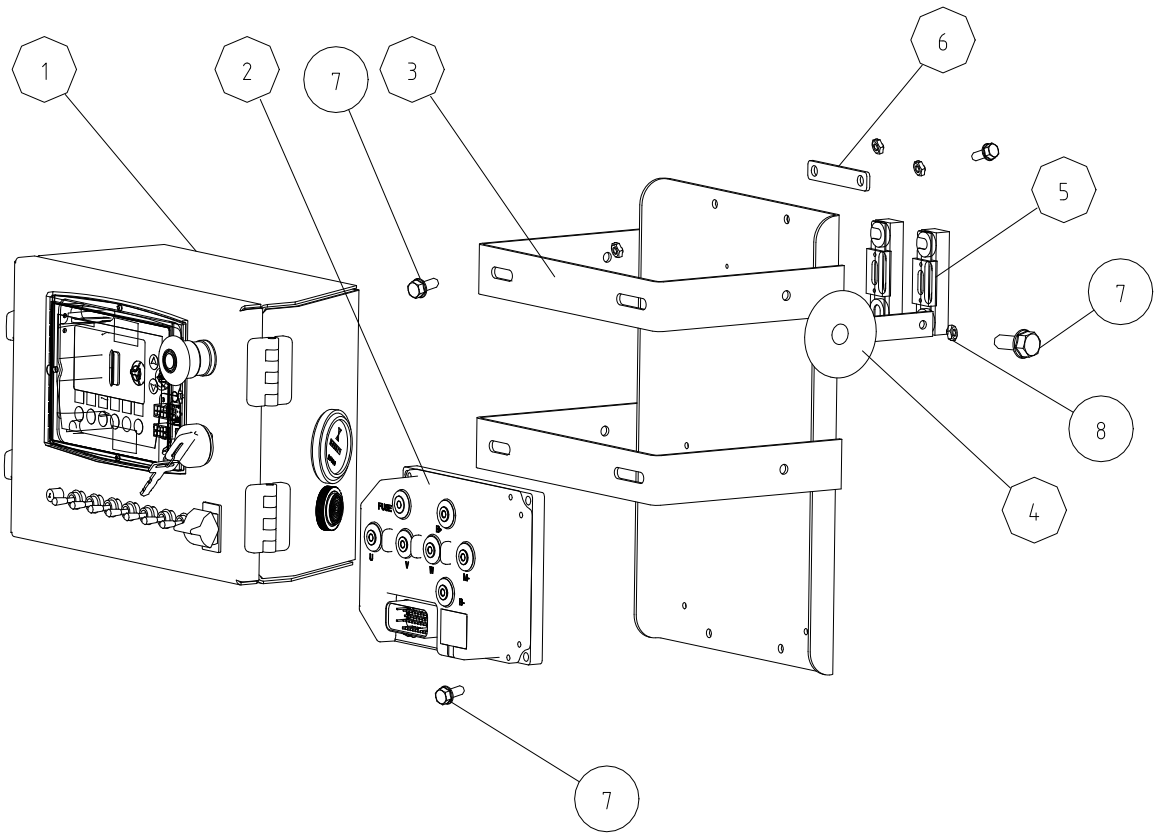
S/N	Material code	Name	Quantity
1	HV120AIJ-640601-000	Valve	1
2	HV120AIJ-640610-000	Solenoid valve	1
3	HV120AIJ-640602-000	Handle	1
4	HV120AIJ-640603-000	Screw plug	1

2-7 Oil pump assembly



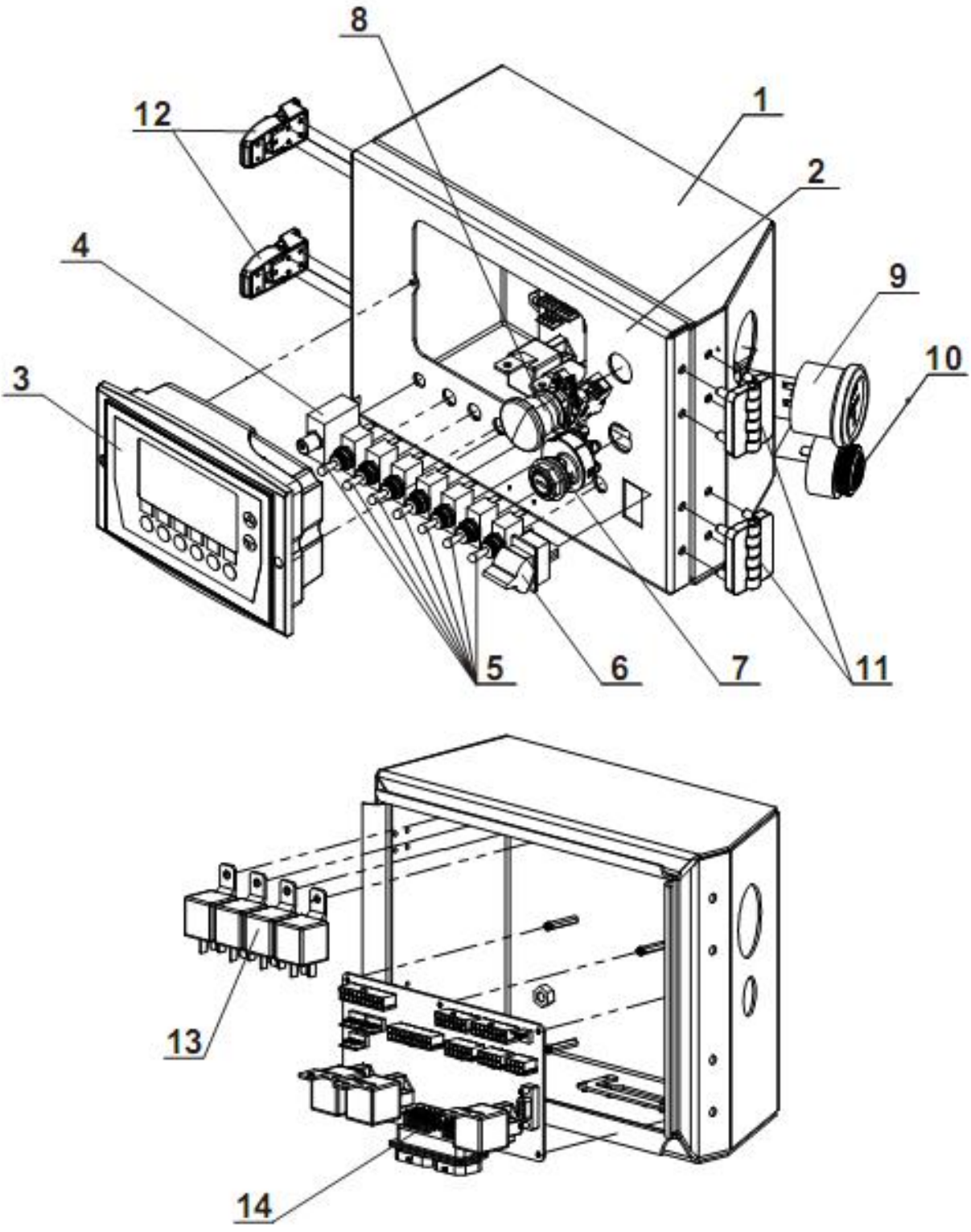
S/N	Material code	Name	Quantity
1	XPD090-621000-000	Oil pump motor	1
2	XSD090-622000-000	Gear pump	1
3	G005789-008020-00	Bolt M8×20	2
4	AP1600-601002-000	Double-stud shock pad	4
5	HV120AIJ-430400-000	Oil pump bracket	1
6	G006183-000010-00	Nut M10	4

2-8 Lower control assembly component



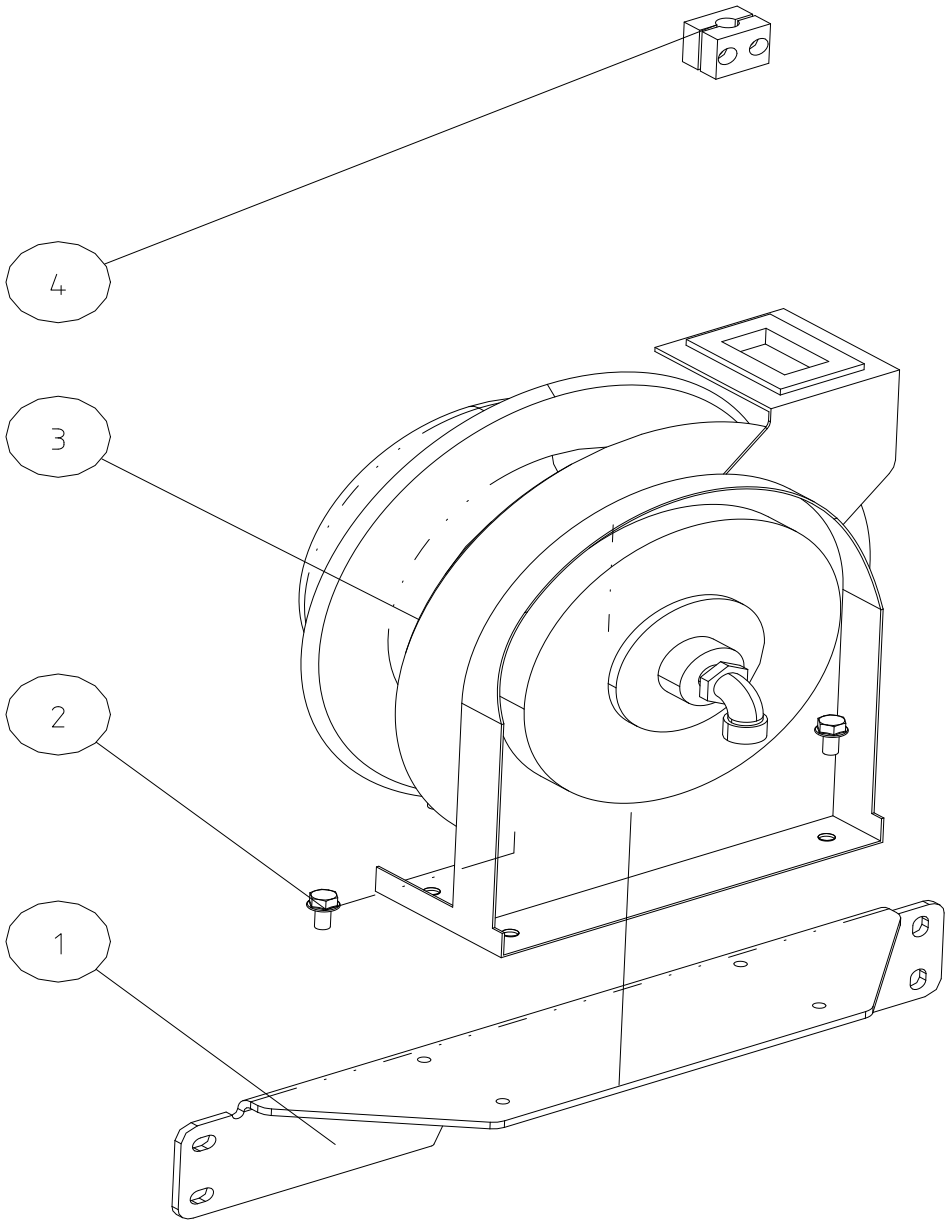
S/N	Material code	Name	Quantity
1	HV120AIJ-710000-000	Lower control box assembly	1
2	HV120AIJ-750400-G00	Oil pump driver	1
3	HV120AIJ-430200-000	Lower control bracket	1
4	N163-700009-000	Horn	1
5	78XEN-740402-G00	Fuse holder (200A fuse)	2
6	GTHZ210C-750500-000	Fuse copper bar	1
7	G005783-006025-00	Bolt M6×25	9
8	G000889-000006-00	Nut 6	5

2-9 Ground control box assembly



S/N	Material code	Name	Quantity
1	HV120AIJ-710000-000	Lower control box assembly	1
2	HV120AIJ-710010-000	PC membrane of lower control box	1
3	GTHZ120-710200-000	Lower display screen	1
4	GTHZ210C-710400-000	Safety button	1
5	GTHZ210C-720400-000	Shift switch	7
6	GTHZ120-710300-000	Thumb switch	1
7	GTHZ210C-710300-000	Key switch	1
8	GTHZ210C-720900-000	Emergency stop switch	1
9	GTHZ120-710400-000	Electric quantity conversion table	1
10	GTHZ210C-720600-000	Buzzer	1
11	GTHZ210C-721500-000	Hinge	2
12	GTHZ210C-721600-000	Lock catch	2
13	GTHZ120-710500-000	Relay	7
14	GTHZ120-710600-000	Lower control box circuit integrated board	1

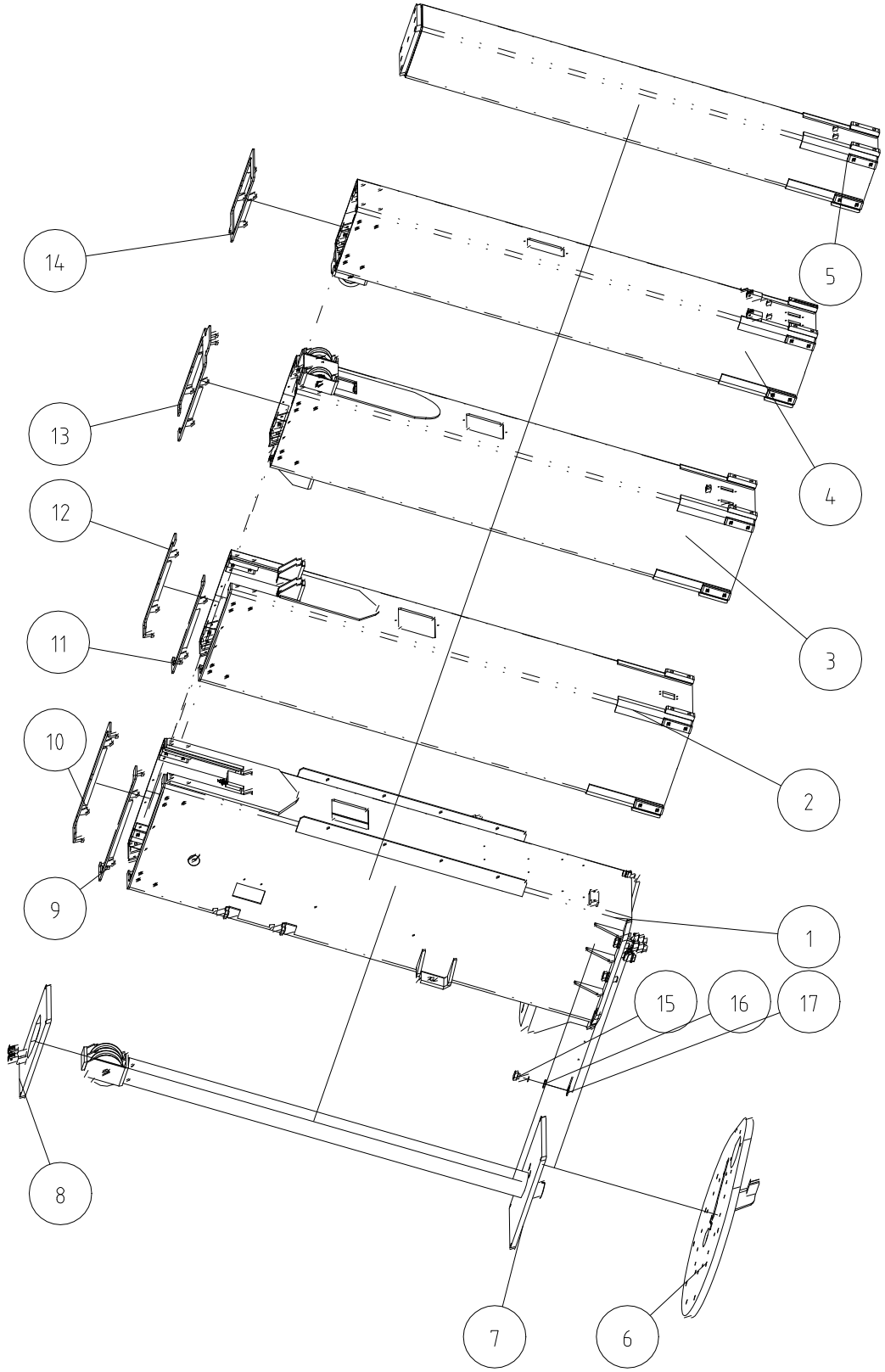
2-10 Optional cable reel assembly



S/N	Material code	Name	Quantity
1	HV120AIJ-430801-500	Cable reel bracket	1
2	G005789-008016-00	Bolt M8×16	4
3	HV120AIJ-470100-500	Cable reel	1
4	HV120AIJ-830002-000	Single pipe clamp 8	1

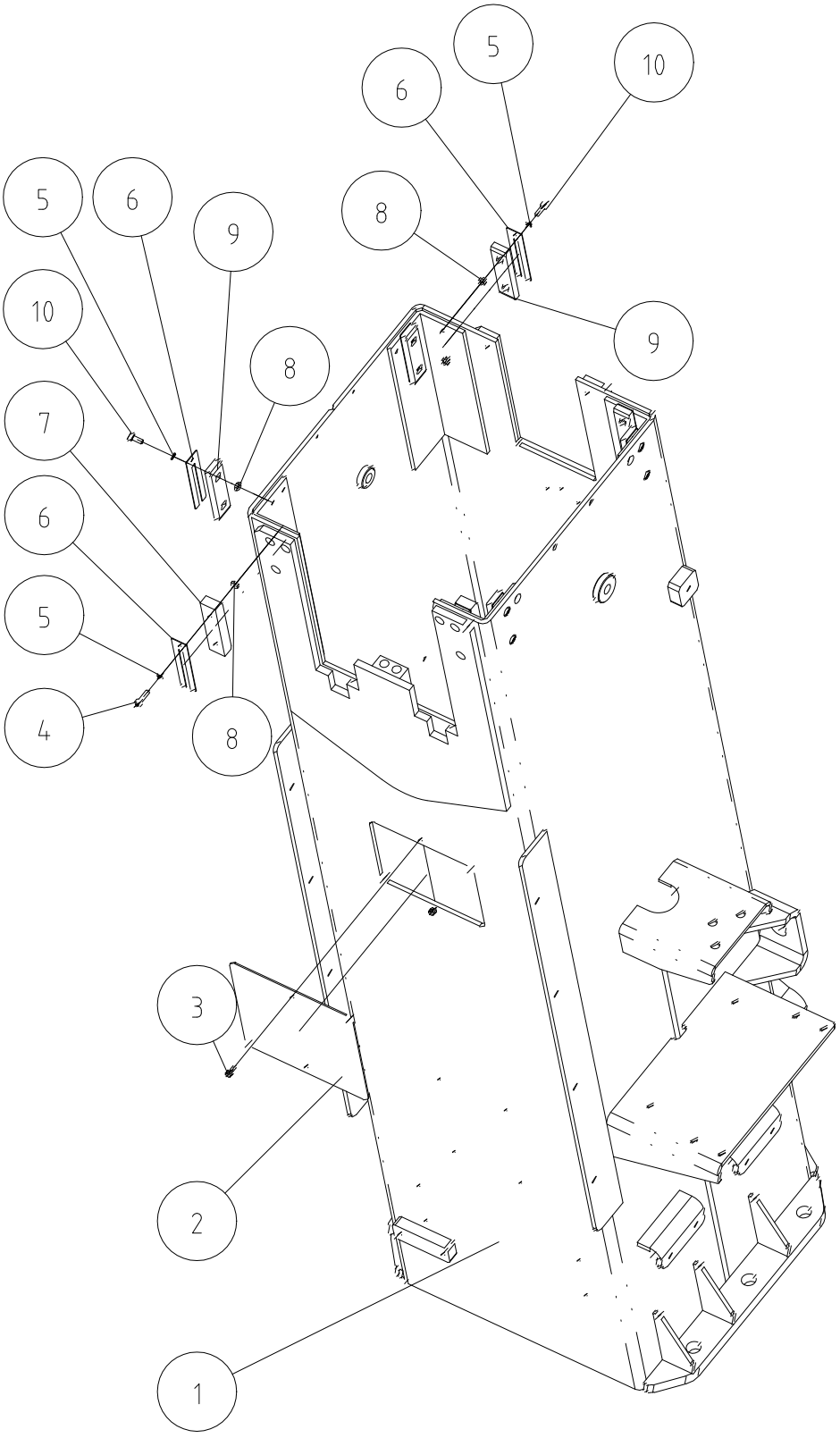
III. Lifting component

3-1 Lifting component assembly



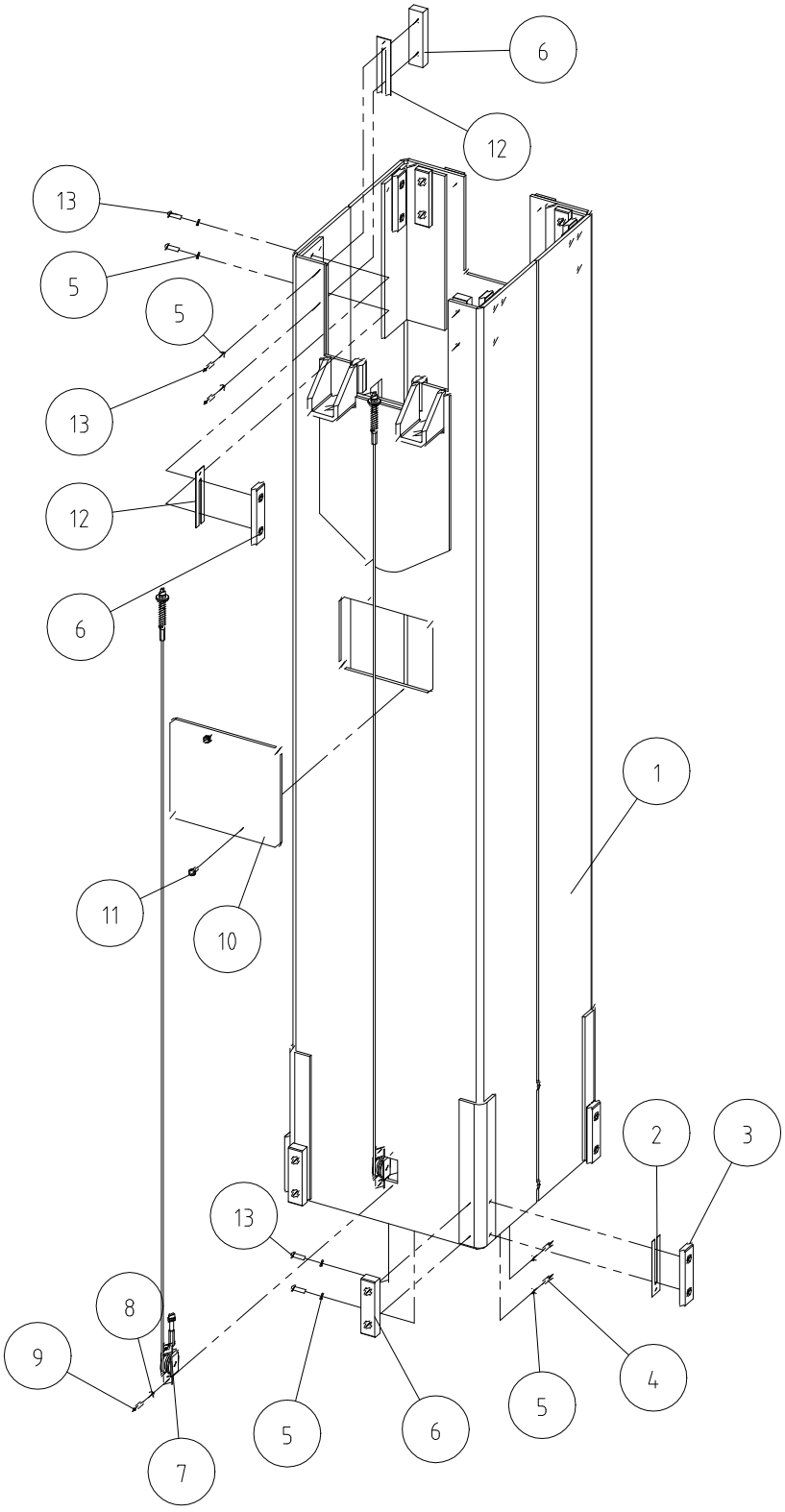
S/N	Material code	Name	Quantity
1	HV02F440-101000-000	First-stage gantry	1
2	HV02F440-102000-000	Second-stage gantry	1
3	HV02F440-103000-000	Third-stage gantry	1
4	HV02F440-104000-000	Fourth-stage gantry	1
5	HV02F440-105000-000	Fifth-stage gantry	1
6	HV02F440-080000-000	Bottom plate component	1
7	HV02F440-090000-000	Lift cylinder component	1
8	HV02F440-020000-000	Third-stage bottom plate component	1
9	GTW02FV615-008500-00	Rubber strip assembly 5	1
10	GTW02FV615-008000-000	Rubber strip assembly 10	1
11	GTW02FV615-008400-00	Rubber strip assembly 4	1
12	GTW02FV615-008900-000	Rubber strip assembly 9	1
13	HV02FV440-008300-000	Rubber strip assembly 3	1
14	HV02FV440-008200-000	Rubber strip assembly 2	1
15	G005783-018040-00	Bolt M18×40	7
16	G000093-000018-00	Washer 18	7
17	G0097P1-000018-00	Washer 18	7

3-2 First-stage gantry component



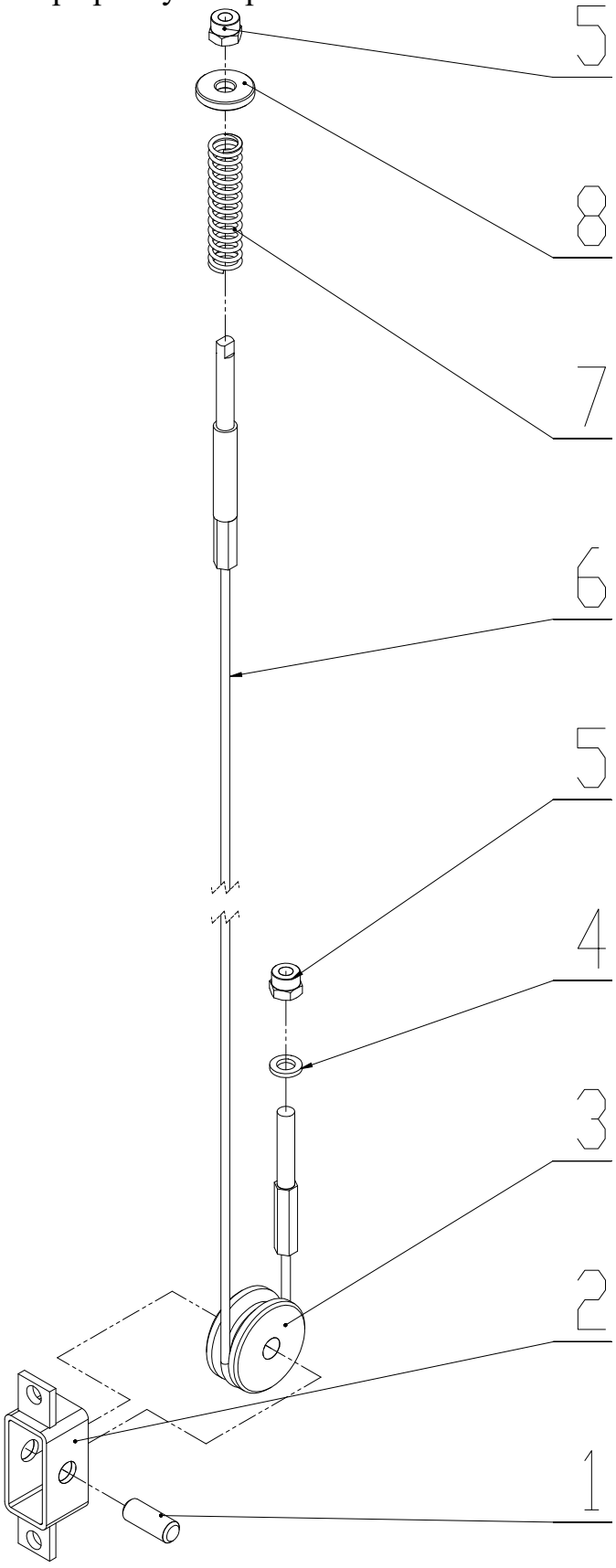
S/N	Material code	Name	Quantity
1	HV02F440-101000-000	First-stage gantry	1
2	GTW02FV615-200100-000	Cover plate I	1
3	G005789-006012-00	Bolt M6×12	2
4	GT070P1-006016-00	Inner hex screw M6×16	16
5	GTW02FV615-000015-W00	Double stack self-locking washer 6	16
6	GTW02FV615-000008-000	Spacer II	4
7	GTW02FV615-006001-001	Sliding block II	2
8	G000039-000006-00	Nut M6	16
9	GTW02FV615-005001-001	Sliding block I	6
10	GT070P1-006020-00	Inner hex screw M6×20	4

3-3 Second-stage gantry component



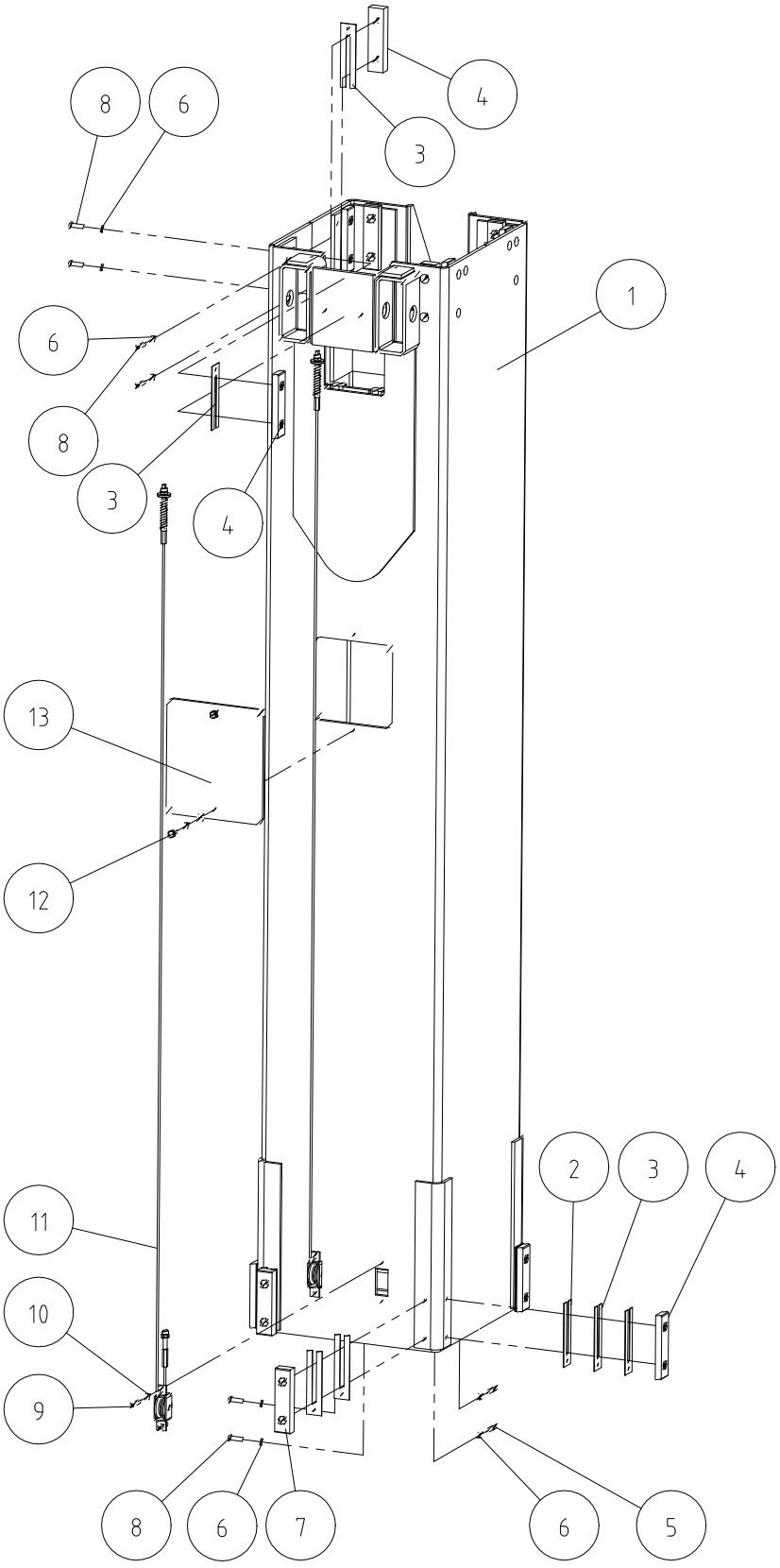
S/N	Material code	Name	Quantity
1	HV02F440-102000-000	Second-stage gantry	1
2	GTW02FV615-000008-000	Spacer II	8
3	GTW02FV615-005000-000	Slider component I	2
4	GT070P1-006020-00	Inner hex screw M6×20	8
5	GTW02FV615-000015-W00	Double stack self-locking washer 6	32
6	GTW02FV615-006000-000	Slider component II	4
7		Steel wire rope pulley component	2
8	G000093-000006-00	Washer 6	4
9	G005783-006012-00	Bolt M6×12	4
10	GTW02FV615-200200-000	Cover plate II	1
11	G907417-006016-00	Bolt assembly M6×16	2
12	GTW02FV615-000008-000	Spacer II	4
13	GT070P1-006016-00	Inner hex screw M6×16	28

3-4 Steel wire rope pulley component



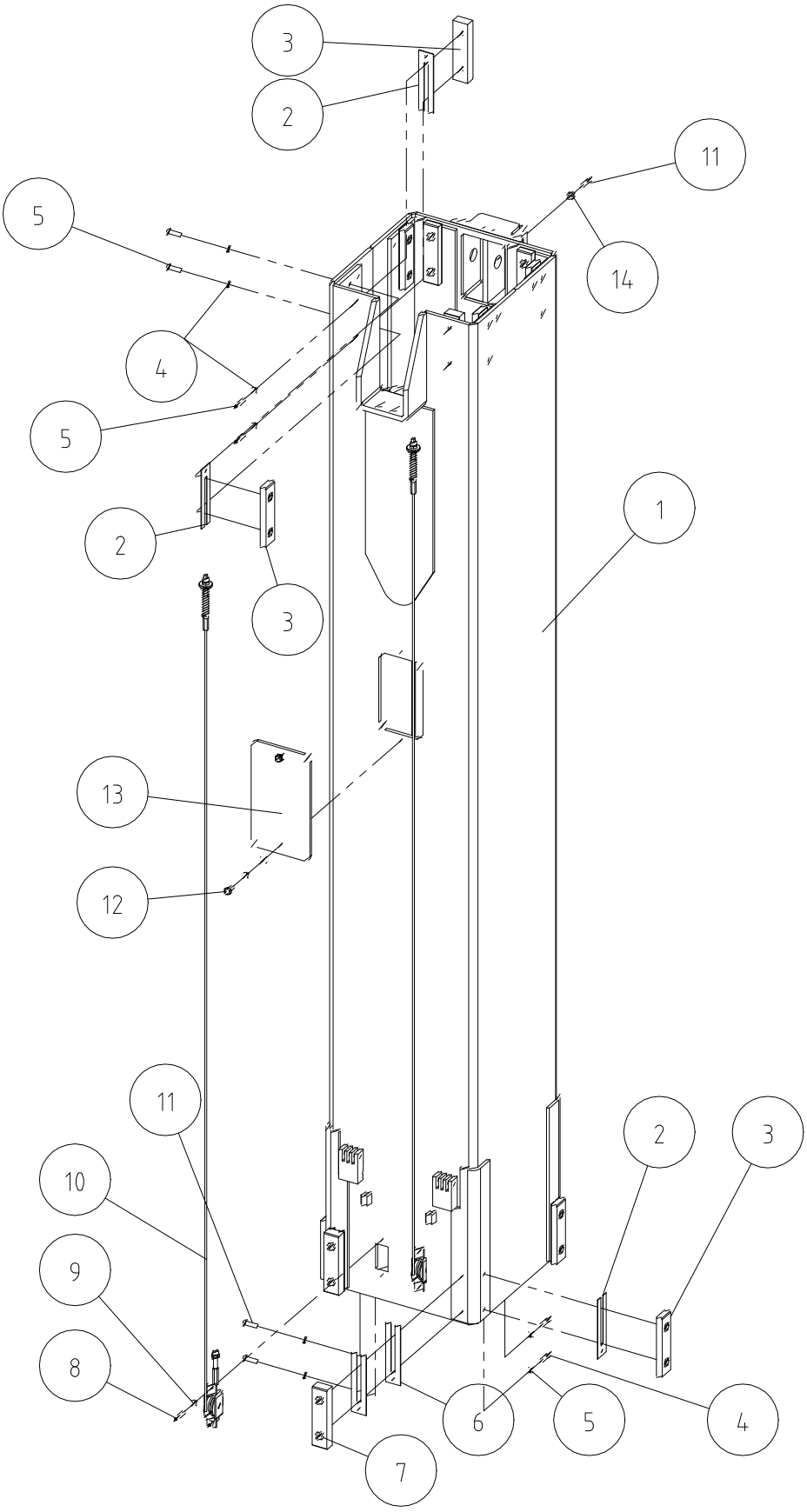
S/N	Material code	Name	Quantity
1	G000119-008020-04	Cylindrical pin 8×20	1
2	GTW02FV615-070100-000	Sheave wheel seat component	1
3	GTW02FV615-070001-000	Steel wire sheave	1
4	G0097P1-000006-00	Washer 6	1
5	G006182-000006-00	Nut M6	1
6	HV02F440-010100-000	Steel wire rope	1
7	GTW02FV615-010002-000	Pressure spring	1
8	GTW02FV615-010001-000	Spacer	1

3-5 Third-stage gantry component



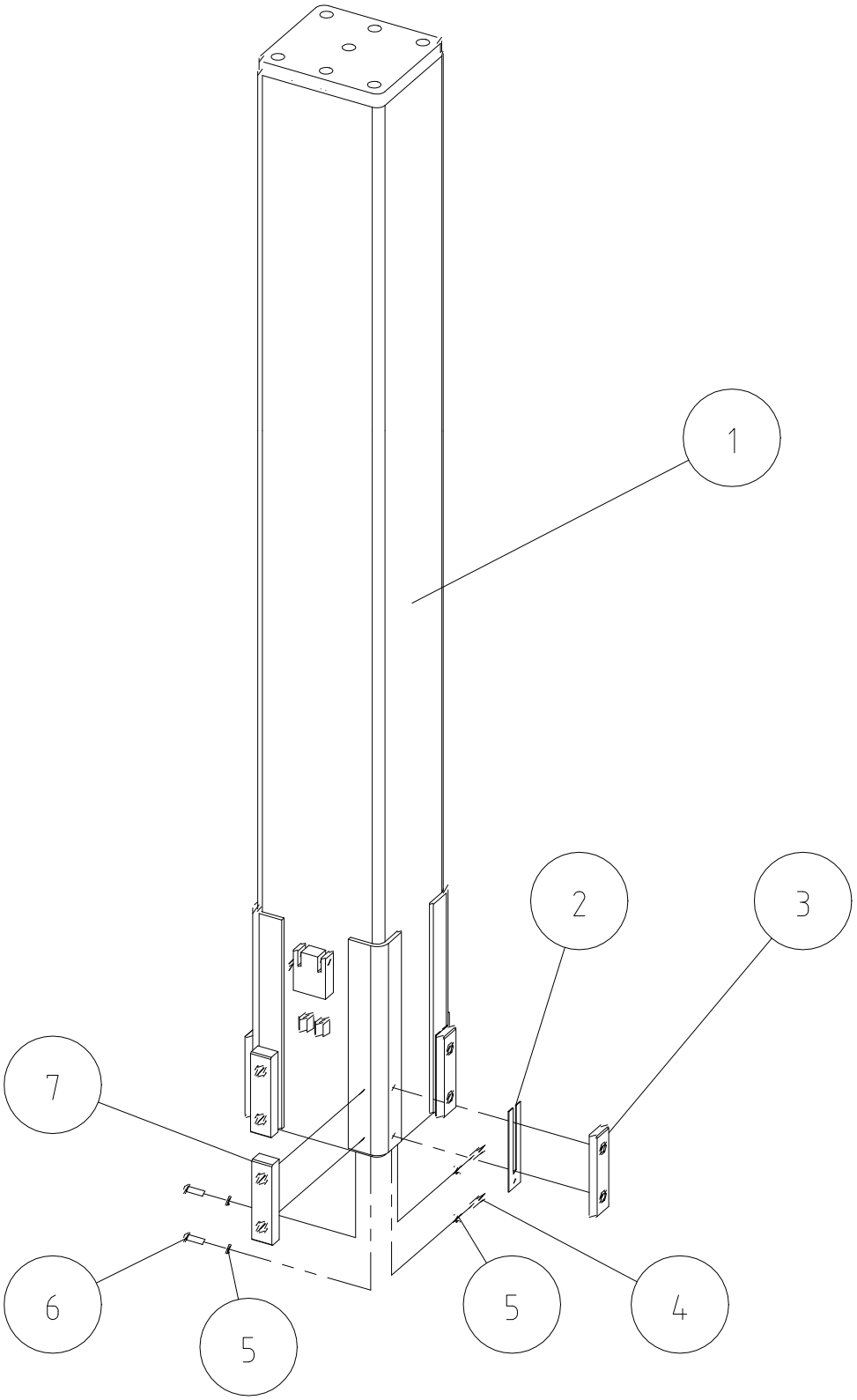
S/N	Material code	Name	Quantity
1	HV02F440-103000-000	Third-stage gantry	1
2	GTW02FV615-000007-000	Spacer I	16
3	GTW02FV615-000008-000	Spacer II	8
4	GTW02FV615-005000-000	Slider component I	2
5	GT070P1-006020-00	Inner hex screw M6×20	8
6	GTW02FV615-000015-W00	Double stack self-locking washer 6	32
7	GTW02FV615-006000-000	Slider component II	4
8	GT070P1-006016-00	Inner hex screw M6×16	28
9	G005783-006012-00	Bolt M6×12	4
10	G000093-000006-00	Washer 6	2
11		Steel wire rope pulley component	2
12	G907417-006016-00	Bolt assembly M6×16	2
13	GTW02FV615-000012-000	Cover plate III	1

3-6 Fourth-stage gantry component



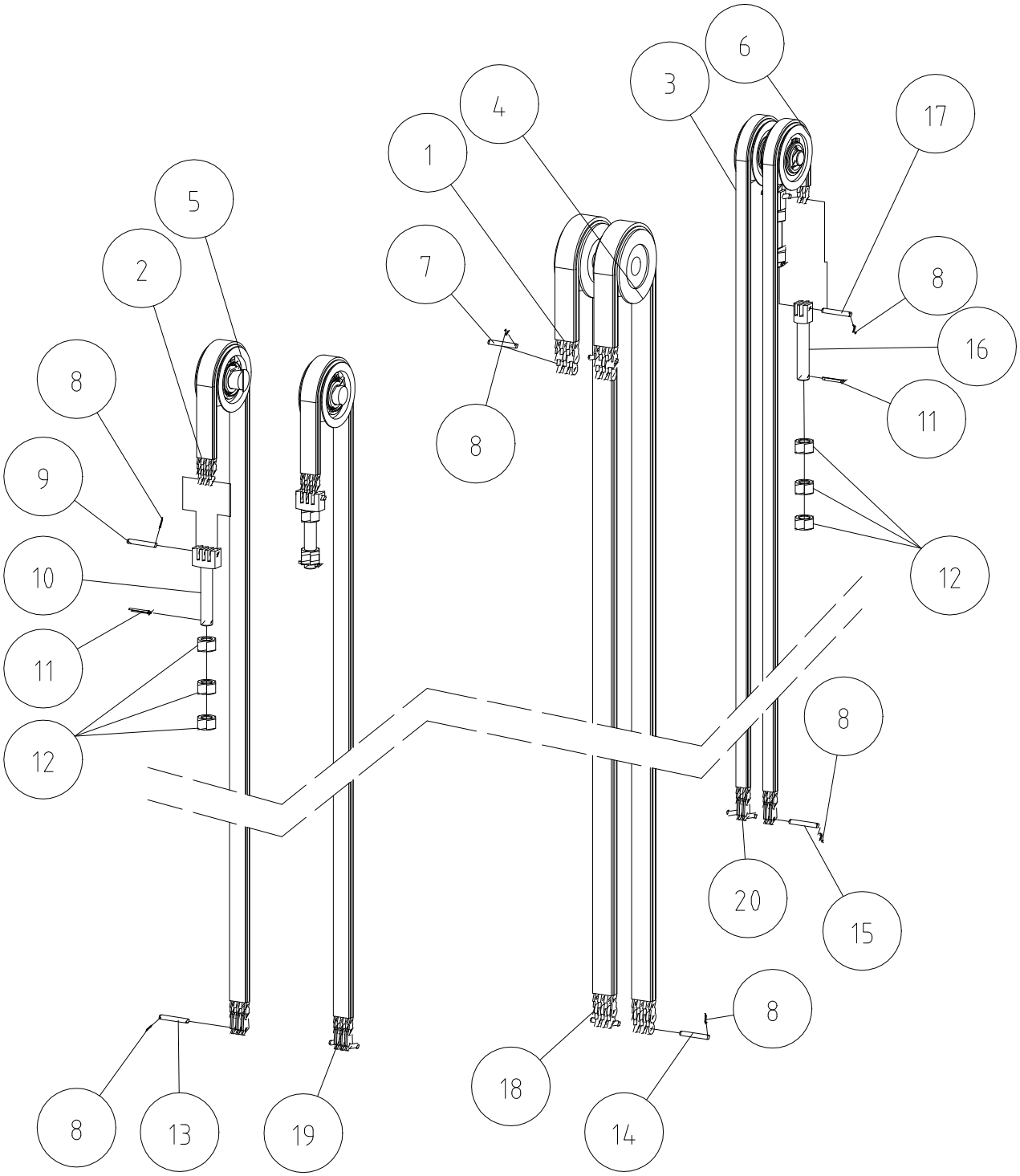
S/N	Material code	Name	Quantity
1	HV02F440-104000-000	Fourth-stage gantry	1
2	GTW02FV615-000008-000	Spacer II	8
3	GTW02FV615-005000-000	Slider component I	2
4	GT070P1-006020-00	Inner hex screw M6×20	8
5	GTW02FV615-000015-W00	Double stack self-locking washer 6	32
6	GTW02FV615-000007-000	Spacer I	16
7	GTW02FV615-006000-000	Slider component II	4
8	G005783-006012-00	Bolt M6×12	4
9	G000093-000006-00	Washer 6	2
10		Steel wire rope pulley component	2
11	GT070P1-006016-00	Inner hex screw M6×16	29
12	G907417-006016-00	Bolt assembly M6×16	2
13	GTW02FV615-200400-000	Cover plate IV	1
14	G006170-000006-00	Nut M6	1

3-7 Fifth-stage gantry component



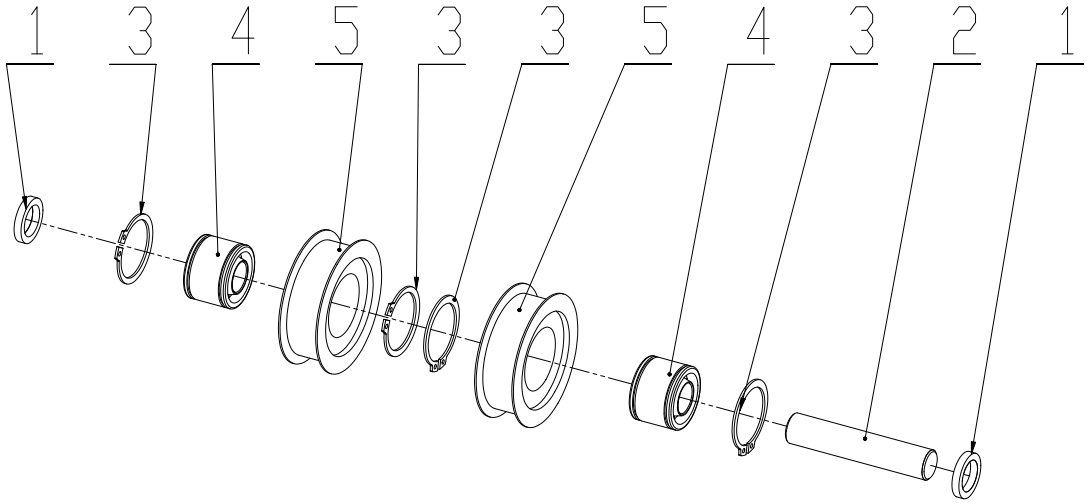
S/N	Material code	Name	Quantity
1	HV02F440-105000-000	Fifth-stage gantry	1
2	GTW02FV615-000008-000	Spacer II	8
3	GTW02FV615-005000-000	Slider component I	2
4	GT070P1-006020-00	Inner hex screw M6×20	4
5	GTW02FV615-000015-W00	Double stack self-locking washer 6	32
6	GT070P1-006016-00	Inner hex screw M6×16	12
7	GTW02FV615-006000-000	Slider component II	2

3-8 Gearing



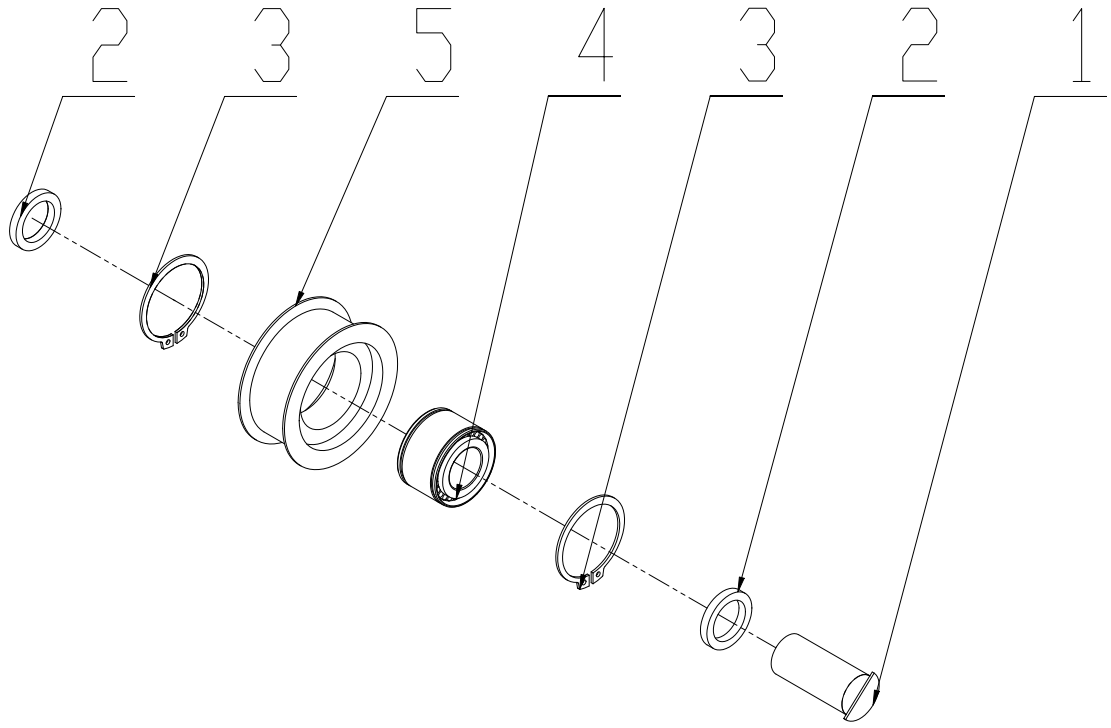
S/N	Material code	Name	Quantity
1	GT06074-1066N-1-00	Plate chain LH1066×N	2
2	GT06074-0866N-1-00	Plate chain LH0866×N	2
3	GT06074-0844N-1-00	Plate chain LH0844×N	2
4	HV02F440-090300-000	Sprocket component	2
5	GTW02FV615-003000-000	Sprocket component	2
6	GTW02FV615-002000-000	Sprocket component	2
7	GTW02FV615-030002-000	Pin shaft	2
8	G000091-002014-00	Pin 2×14	12
9	GTW02FV615-040004-000	Pin shaft	2
10	GTW02FV615-040001-001	Chain joint	2
11	G000091-004035-00	Pin 4×35	4
12	G006171-000016-02	Nut M16×1.5	24
13	GTW02FV615-040002-000	Pin shaft	2
14	GTW02FV615-030002-000	Pin shaft	2
15	GTW02FV615-050004-000	Pin shaft	2
16	GTW02FV615-050001-000	Chain joint	2
17	GTW02FV615-050002-000	Pin shaft	2
18	GTW02FV615-030001-000	Long chain plate 1066	24
19	GTW02FV615-040003-000	Long chain plate	8
20	GTW02FV615-040003-000	Long chain plate	24

3-9 HV02F440-090300-000 Sprocket component



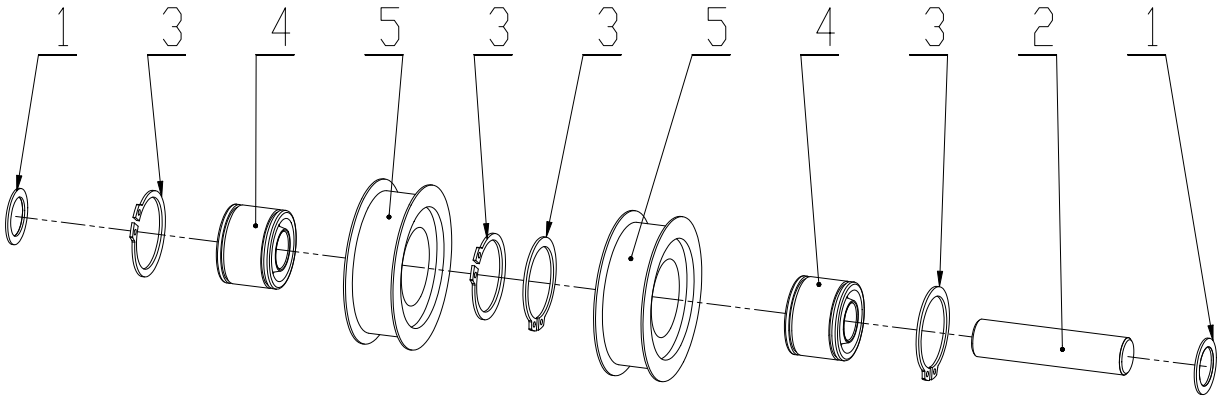
S/N	Material code	Name	Quantity
1	GTW02FV615-090003-000	Shaft sleeve	2
2	GTW02FV615-090002-000	Pin shaft	1
3	GTW02FV615-002003-W00	Shaft circlip 47	4
4	GTW02FV615-090303-W00	SL045005-PP	2
5	HV02FV440-090301-W00	Sprocket	2

3-10 GTW02FV615-003000-000 Sprocket component



S/N	Material code	Name	Quantity
1	GTW20FV615-000002-000	Pin shaft	1
2	GTW20FV615-000001-000	Washer	2
3	GTW02FV615-002003-W00	Shaft circlip 47	2
4	GTW02FV615-090303-W00	SL045005-PP	1
5	GTW02FV615-002001-W00	Sprocket	1

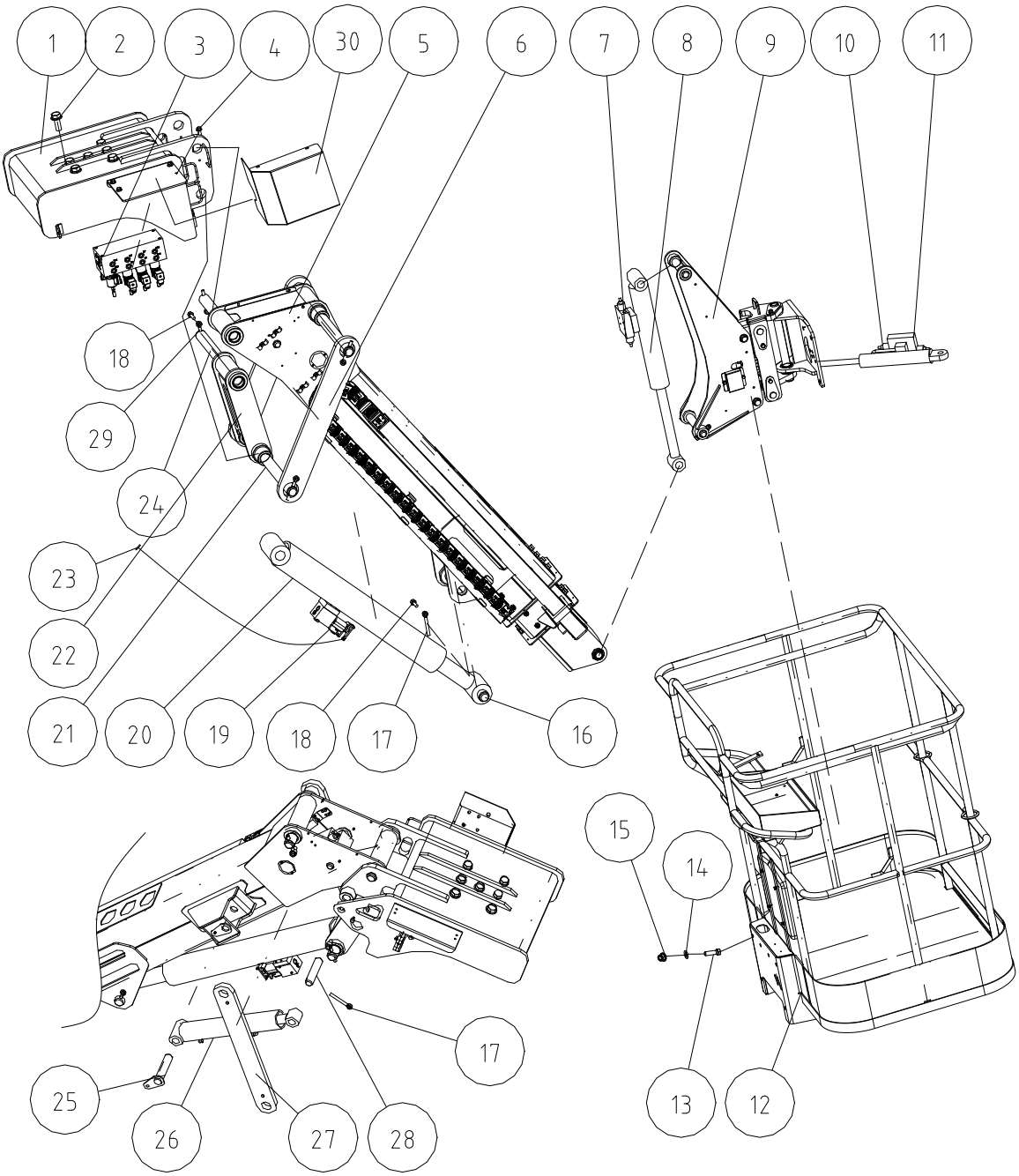
3-11 GTW02FV615-002000-000 Sprocket component



S/N	Material code	Name	Quantity
1	GTW02FV615-000003-000	Washer	2
2	GTW02FV615-000004-000	Pin shaft	1
3	G00894P1-00042-00	Circlip for shaft - type A 42	4
4	GTW02FV615-003002-W00	SL045004-PP	2
5	GTW02FV615-003001-000	Sprocket	2

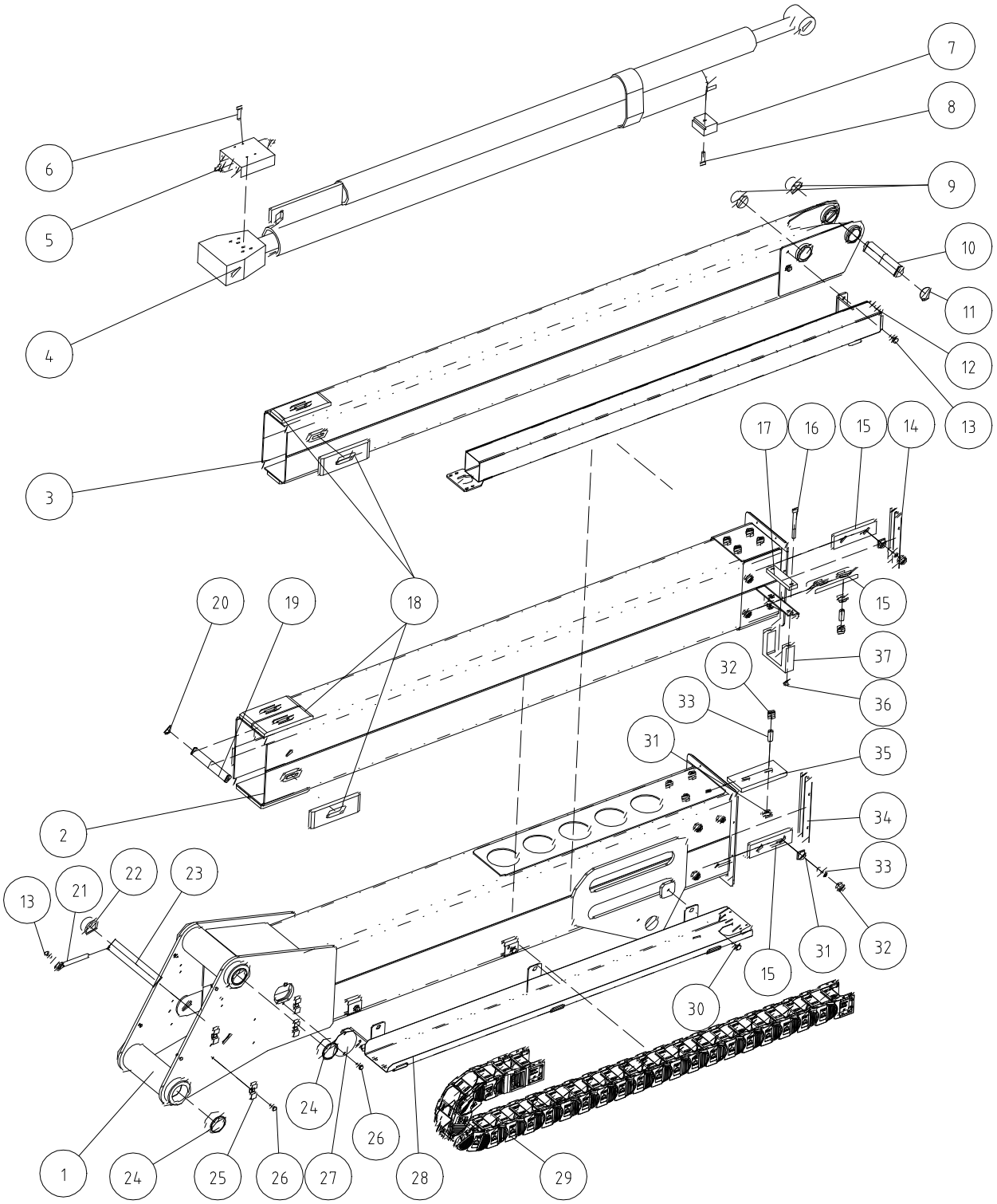
IV. Platform

4-1 Platform assembly



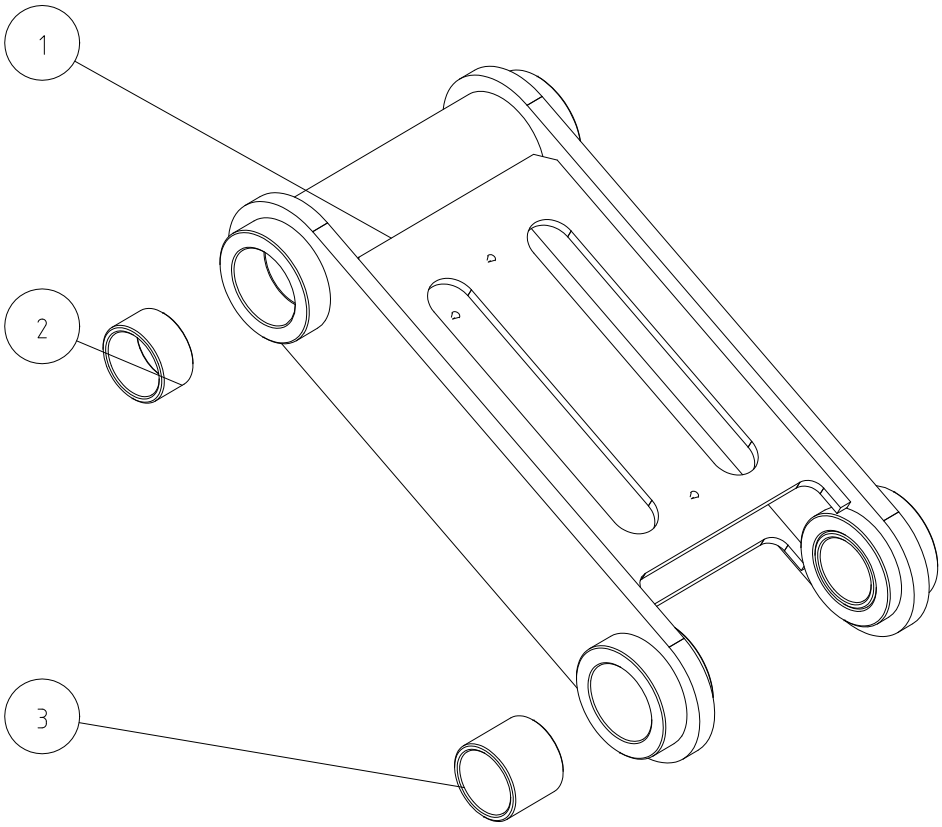
S/N	Material code	Name	Quantity
1	HV120AIJ-830100-000	Head cover welding body	1
2	G166742-0200050-00	Hex flange bolt M20×1.5×50	7
3	HZ210AI-640300-G01	Platform control valves	1
4	G005789-010025-00	Bolt M10×25	4
5	HV120AIJ-820000-000	Telescopic arm assembly	1
6	HV120AIJ-850100-000	Long link weldment	1
7	GTHZ120-610800-G00	Double balance valve	1
8	HV120AIJ-620500-000	Slave cylinder	1
9	HV120AIJ-840000-000	Weighing component	1
10	GTHZ120-620700-000	Fence rotary cylinder	1
11	GTHZ120-611000-G00	Fence double balance valve	1
12	GTHZ120-800000-000	Platform assembly	1
13	G005783-012040-00	Bolt M12×40	7
14	G0097P1-000012-00	Washer 12	7
15	G006183-000012-00	Nut M12	7
16	HV120AIJ-800103-000	Pin shaft	1
17	TZ010-110090-000	Locking pin	4
18	G005789-008020-00	Bolt M8×20	7
19	HV120AIJ-640300-000	Luffing cylinder valve	1
20	HV120AIJ-620100-000	Luffing cylinder	1
21	HV120AIJ-800201-000	Pin shaft	2
22	HV120AIJ-860000-000	Short link assembly	1
23	HV120AIJ-640400-000	Cable	1
24	HV120AIJ-800101-000	Pin shaft	2
25	GTHZ120-901100-000	Pin shaft	1
26	HV120AIJ-620600-000	Master cylinder	1
27	HV120AJ-850201-000	Long link plate	1
28	HV120AJ-800106-000	Pin shaft	1
29	HS1823RPI-901001-000	Pin shaft 12090	6
30	HV120AIJ-830006-000	Platform valve cover plate	1

4-2 Telescopic arm assembly



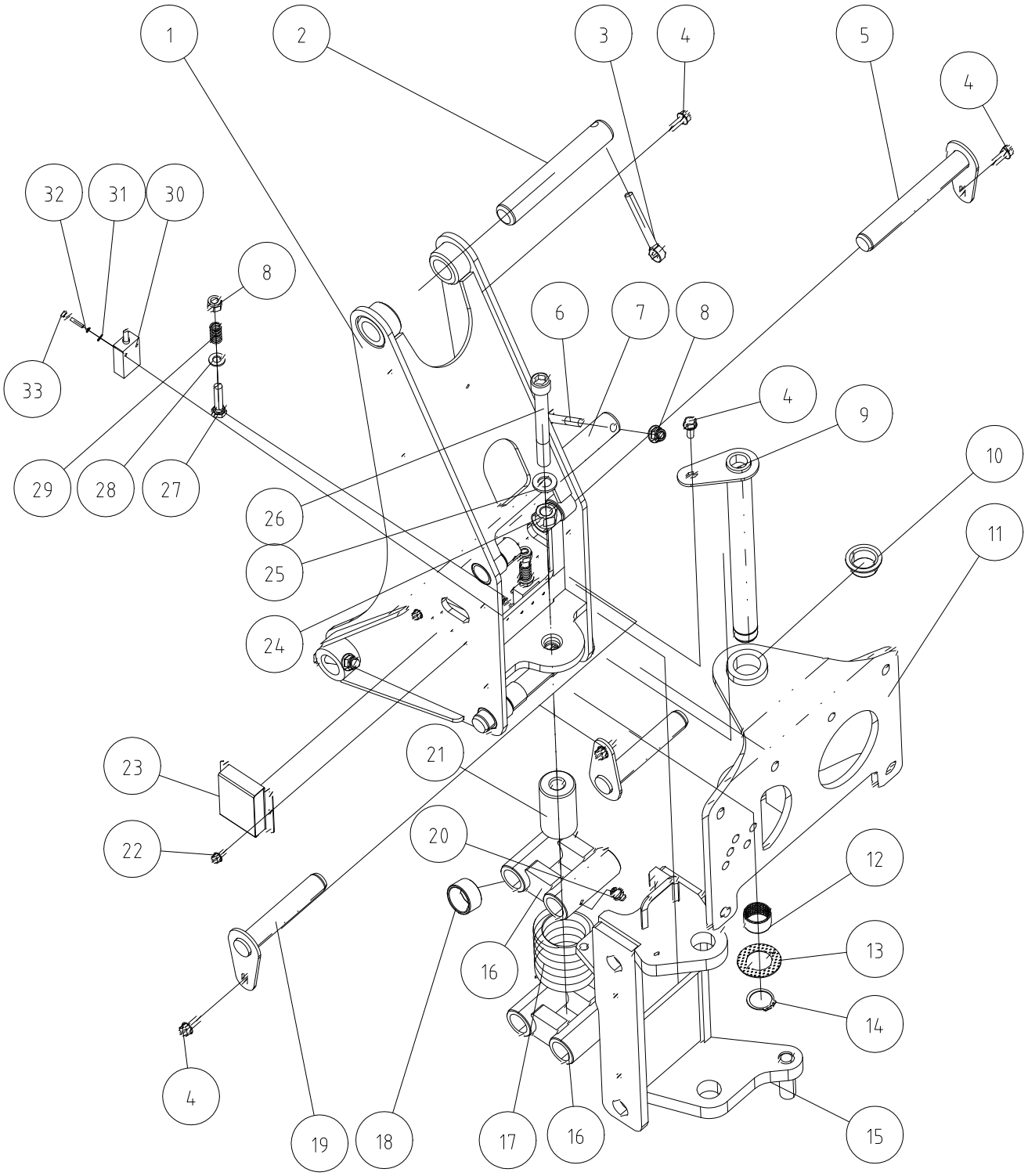
S/N	Material code	Name	Quantity
1	HV120AIJ-821100-000	Basic arm weldment	1
2	HV120AIJ-822100-000	Middle arm weldment	1
3	HV120AIJ-823100-000	Telescopic arm weldment	1
4	HV120AIJ-620400-000	Duplex telescopic cylinder	1
5	GTHZ120-610800-G00	Double balance valve	1
6	G000070-006035-00	Screw M6×35	4
7	HV120AIJ-826001-000	Oil cylinder sliding block	1
8	G000070-008030-00	Screw M8×30	1
9	CT-503025-G00	Fiber bushing	4
10	HV120AIJ-800302-000	Pin shaft	1
11	JZ04342-000030-00	Heavy-duty circlip for shaft 30	2
12	HV120AIJ-823200-000	Overhead conduit	1
13	G005789-008020-00	Bolt M8×20	2
14		Brush	4
15	HV120AIJ-820101-000	Sliding block	12
16	G005783-008100-00	Bolt M8×100	2
17	HV120AIJ-822002-000	Sliding block B	1
18	GTHZ120-902900-000	Sliding block	10
19	HV120AIJ-800301-000	Pin shaft	1
20	JZ04342-000020-00	Heavy-duty circlip for shaft 20	2
21	TZ010-110090-000	Locking pin	1
22	HV120AIJ-820001-000	Spacer bush 3019	2
23	HV120AIJ-800102-000	Pin shaft	1
24	CT-514025-G00	Fiber bushing	4
25	HV120AIJ-821004-000	Cable clamp 12	4
26	G005789-006012-00	Bolt M6×12	6
27	HV120AIJ-821001-000	Main boom side cover plate	2
28	HV120AIJ-821200-000	Underfloor conduit	1
29	HV120AIJ-820003-000	Drag chain	1
30	G005789-008016-00	Bolt M8×16	3
31	GTHZ120-902700-000	Square nut	32
32	G000889-000012-00	Nut M12	32
33	G000077-012040-00	Screw M12×40	32
34		Brush	4
35	GTHZ120-902600-000	Sliding block	4
36	G006183-000008-00	Nut M8	2
37	HV120AIJ-822001-000	Sliding block A	1

4-3 Short link assembly



S/N	Material code	Name	Quantity
1	HV120AIJ-860100-000	Short link weldment	1
2	CT-514025-G00	Fiber bushing	2
3	CT-514040-G00	Fiber bushing	2

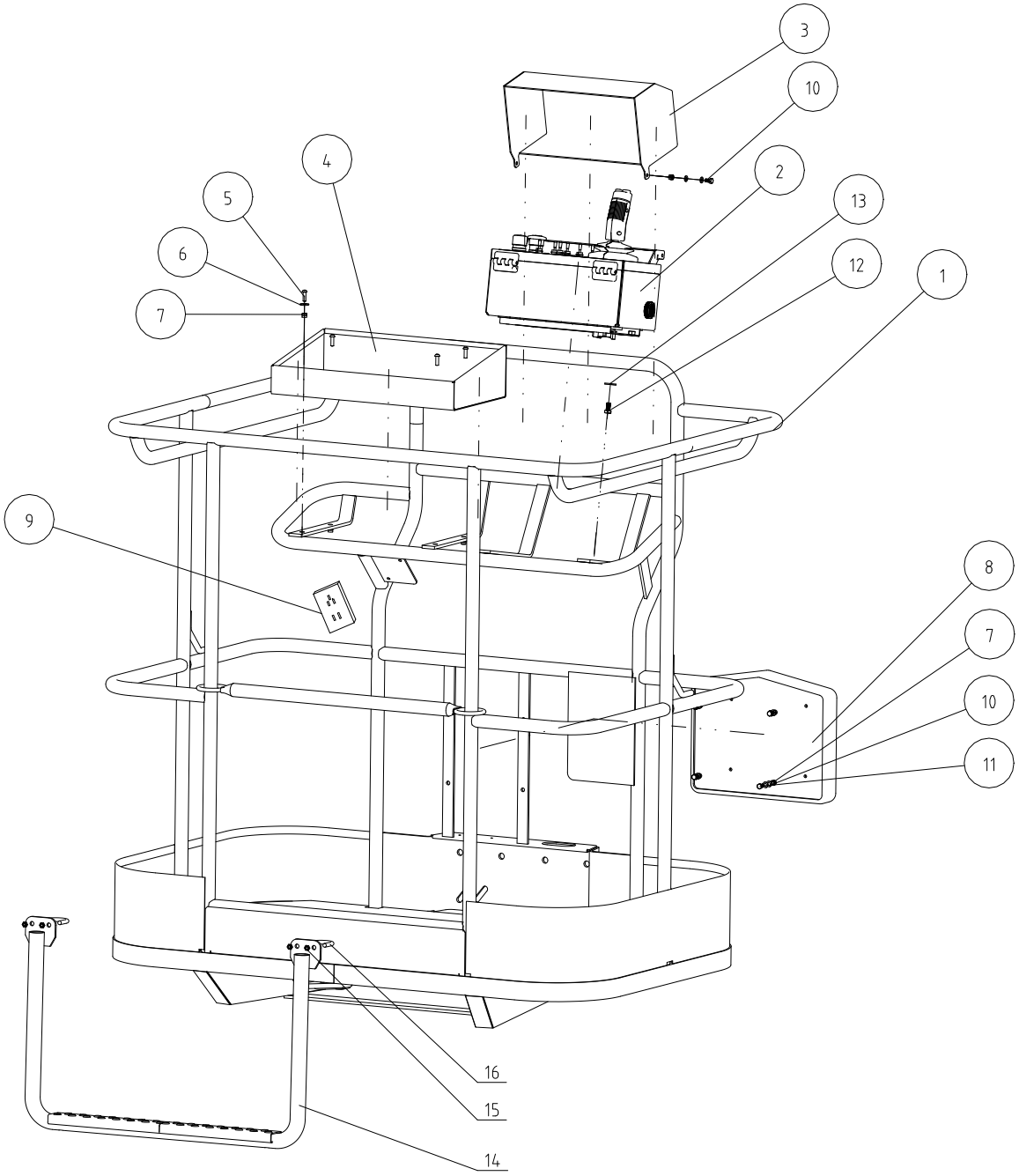
4-4 Weighing component



S/N	Material code	Name	Quantity
1	HV120AIJ-840100-000	Leveling joint	1
2	HV120AIJ-800105-000	Pin shaft	1
3	TZ010-110090-000	Locking pin	1
4	G005789-008020-00	Bolt M8×20	6
5	GTHZ120-901200-000	Pin shaft	2
6	G005789-010065-00	Bolt M10×65	2
7	HV120AIJ-800202-000	Pin shaft	1
8	G000889-000010-00	Nut M10	3
9	GTHZ120-901600-000	Pin shaft	1
10	CT-230165-G00	Flanging bushing	1
11	GTHZ120-920800-000	Fence base	1
12	CT-103020-G00	Bushing 3020	1
13	CT-603230-G00	Self-lubricating washer 30	1
14	G0894P1-000030-00	Circlip for shaft - type A 30	1
15	GTHZ120-920700-000	Self-rotating load bracket	1
16	GTHZ120-920900-000	Overload link	2
17	GTHZ120-903700-000	Overload spring	1
18	CT-102525-G00	Bushing	4
19	GTHZ120-901500-000	Pin shaft	2
20	GTHZ120-200700-000	Oil cup M8×1.25	2
21	GTHZ120-903800-000	Spacer bush for overload device	1
22	G005789-006012-00	Bolt M6×12	2
23	HV120AIJ-840200-000	Shield sensor	1
24	G000889-000016-00	Nut M16	1
25	G0097P1-000016-00	Washer 16	1
26	GT070P1-016140-01	Inner hex socket head cap screw M16×140	1
27	G005783-010045-00	Bolt M10×45	2
28	G0097P1-000010-00	Washer 10	2
29	GTHZ120-903600-000	Spring	2
30	GTHZ120-740200-000	Overload microswitch assembly	1
31	G0097P1-000004-00	Washer 4	4
32	G000093-000004-00	Spring washer 4	4
33	G000070-004030-00	Screw M4×30	4
34	HV120AIJ-840100-000	Leveling joint	1
35	HV120AIJ-800105-000	Pin shaft	1
36	TZ010-110090-000	Locking pin	1
37	G005789-008020-00	Bolt M8×20	6
38	GTHZ120-901200-000	Pin shaft	2
39	G005789-010065-00	Bolt M10×65	2
40	HV120AIJ-800202-000	Pin shaft	1

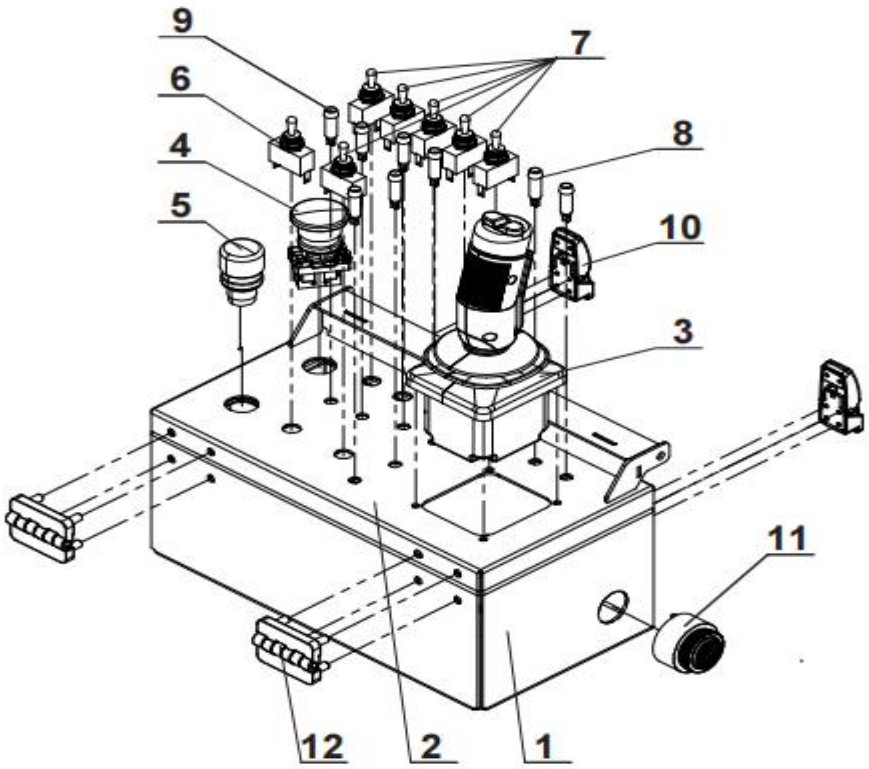
41	G000889-000010-00	Nut M10	3
S/N	**Material code**	**Name**	**Quantity**
42	GTHZ120-901600-000	Pin shaft	1
43	CT-230165-G00	Flanging bushing	1
44	GTHZ120-920800-000	Fence base	1
45	CT-103020-G00	Bushing 3020	1
46	CT-603230-G00	Self-lubricating washer 30	1
47	G0894P1-000030-00	Circlip for shaft - type A 30	1
48	GTHZ120-920700-000	Self-rotating load bracket	1
49	GTHZ120-920900-000	Overload link	2
50	GTHZ120-903700-000	Overload spring	1
51	CT-102525-G00	Bushing	4
52	GTHZ120-901500-000	Pin shaft	2
53	GTHZ120-200700-000	Oil cup M8×1.25	2
54	GTHZ120-903800-000	Spacer bush for overload device	1
55	G005789-006012-00	Bolt M6×12	2
56	HV120AIJ-840200-000	Shield sensor	1
57	G000889-000016-00	Nut M16	1
58	G0097P1-000016-00	Washer 16	1
59	GT070P1-016140-01	Inner hex socket head cap screw M16×140	1
60	G005783-010045-00	Bolt M10×45	2
61	G0097P1-000010-00	Washer 10	2
62	GTHZ120-903600-000	Spring	2
63	GTHZ120-740200-000	Overload micro switch assembly	1
64	G0097P1-000004-00	Washer 4	4
65	G000093-000004-00	Spring washer 4	4
66	G000070-004030-00	Screw M4×30	4

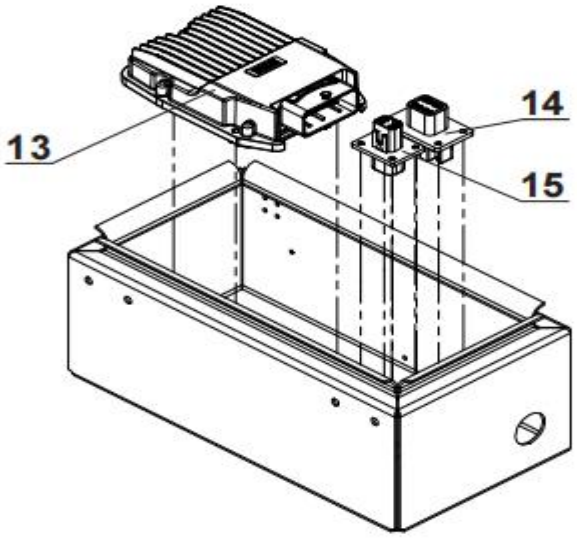
4-5 Fence



S/N	Material code	Name	Quantity
1	GTHZ120-810000-000	Fence	1
2	HV120AIJ-720000-000	Upper control box	1
3	GTHZ120-721300-001	Upper control cover	1
4	GTHZ120-800200-000	Tool box	1
5	GT070P2-006020-03	Inner hex socket button head screw M6×20	4
6	G000096-000006-00	Washer 6	4
7	G000889-000006-00	Nut M6	8
8	78XEN-820100-G00	File box	1
9		Socket (optional)	1
10	G005783-006025-00	Bolt M6×25	6
11	G0097P1-000006-00	Washer 6	12
12	G005789-008020-00	Bolt M8×20	4
13	G000096-000008-00	Washer 8	4
14	GTHZ120-820100-000	Pedal welding body	1
15	G000889-000008-00	Nut M8	4
16	HV120AIJ-800001-000	U-bolt	2

4-6 Upper control assembly

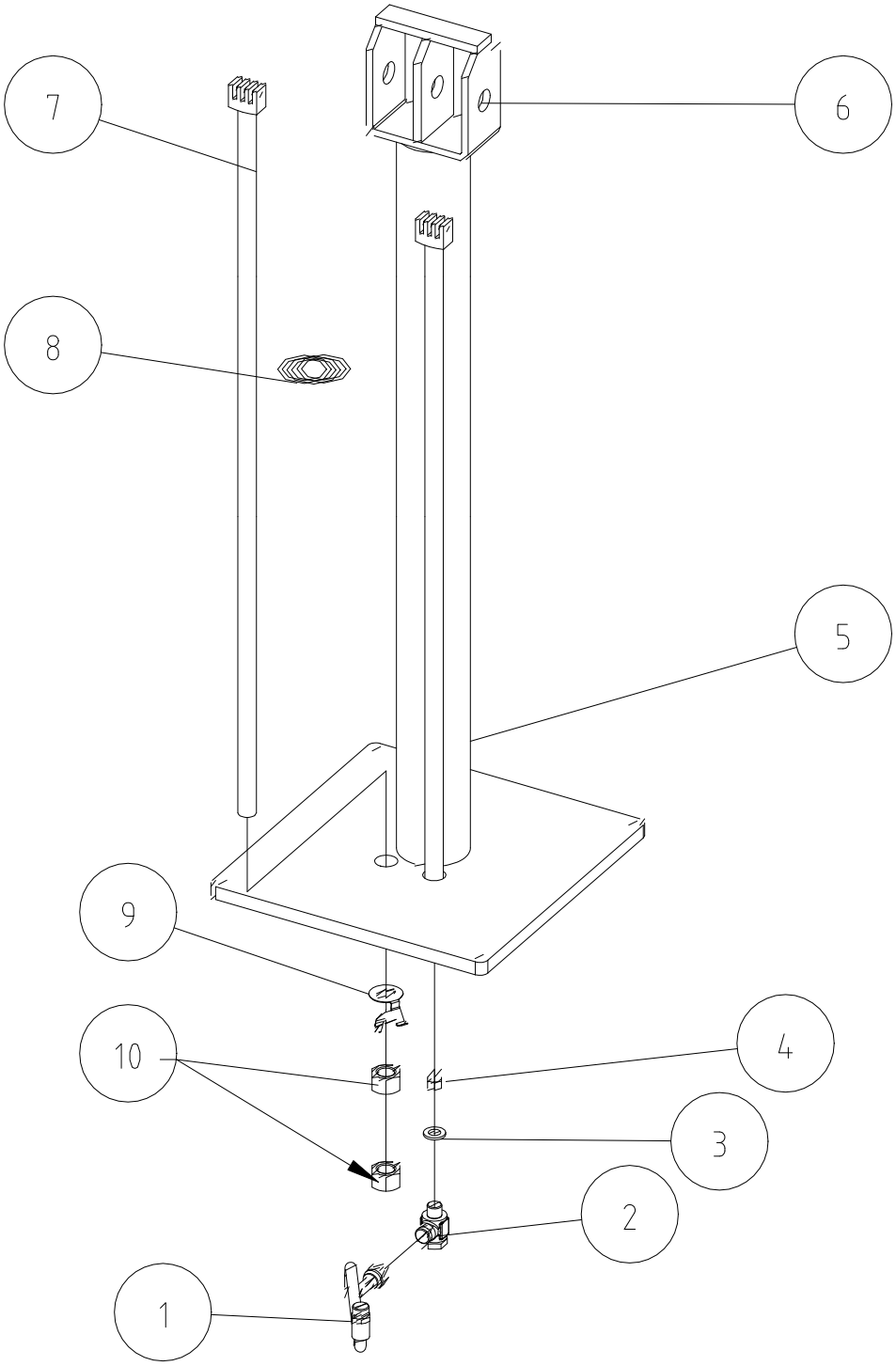




S/N	Material code	Name	Quantity
1	HV120AIJ-720000-000	Control handle assembly	
2	HV120AIJ-720010-000	PC membrane of upper control box	1
3	GTHZ120-720200-000	Double-axis with switch handle	1
4	GTHZ210C-720900-000	Emergency stop switch	1
5	GTHZ210C-721300-000	Button	1
6	GTHZ210C-721300-000	Shift switch	1
7	GTHZ210C-720400-000	Shift switch	6
8	GTHZ210C-720700-000	Indicator	2
9	GTHZ210C-720800-000	Indicator	6
10	GTHZ210C-721600-000	Lock catch	2
11	GTHZ210C-720600-000	Buzzer	1
12	GTHZ210C-721500-000	Hinge	2
13	GTHZ210C-721000-000	Upper controller	1
14	DT04-8P	8P male terminal sheath	1
15	DT04-4P	4P male terminal sheath	1

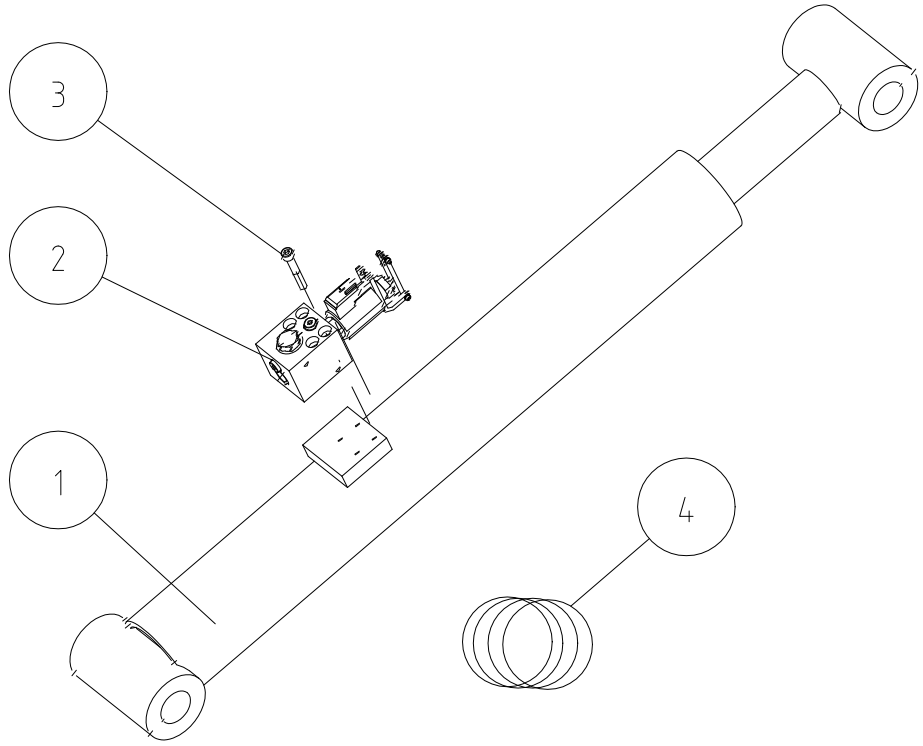
V. Hydraulic system

5-1 Lift cylinder component



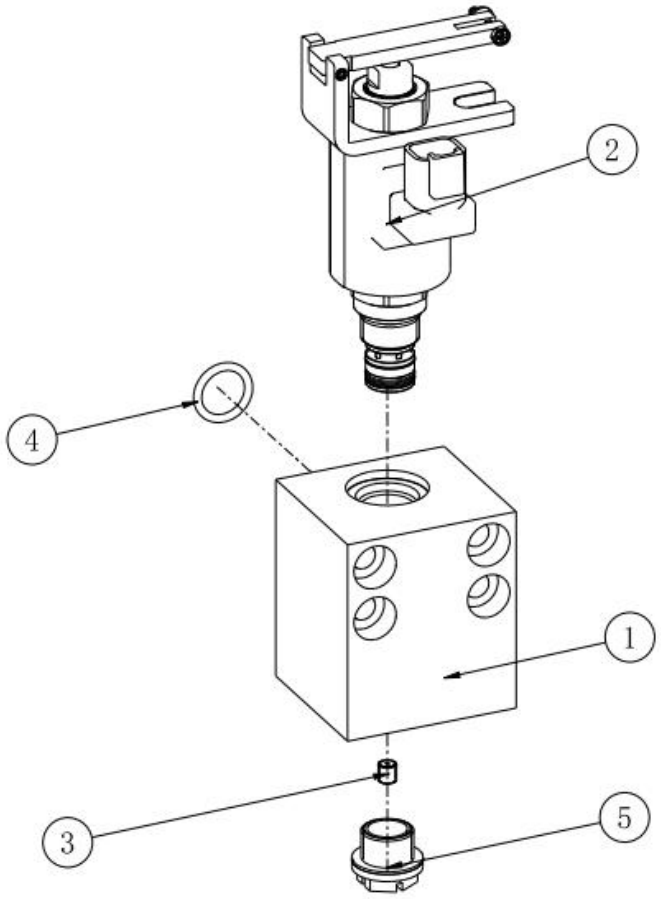
S/N	Material code	Name	Quantity
1	GTW02FV615-007200-001	Steel oil pipe	1
2	GTW02FV615-007100-000	Oil line connector	1
3	J000982-000016-00	Washer 16	2
4	GTW02FV615-090120-000	Throttle valve	1
5	HV02F440-090100-000	Lift cylinder	1
6	HV02F440-090200-000	Chain wheel seat	1
7	HV02F440-030100-000	Joint component	2
8	HV02F440-0901110-000	Oil cylinder repair kit	1
9	G000093-000020-00	Washer 20	2
10	G006170-000020-00	Nut M20	4

5-2 Luffing cylinder of swing arm



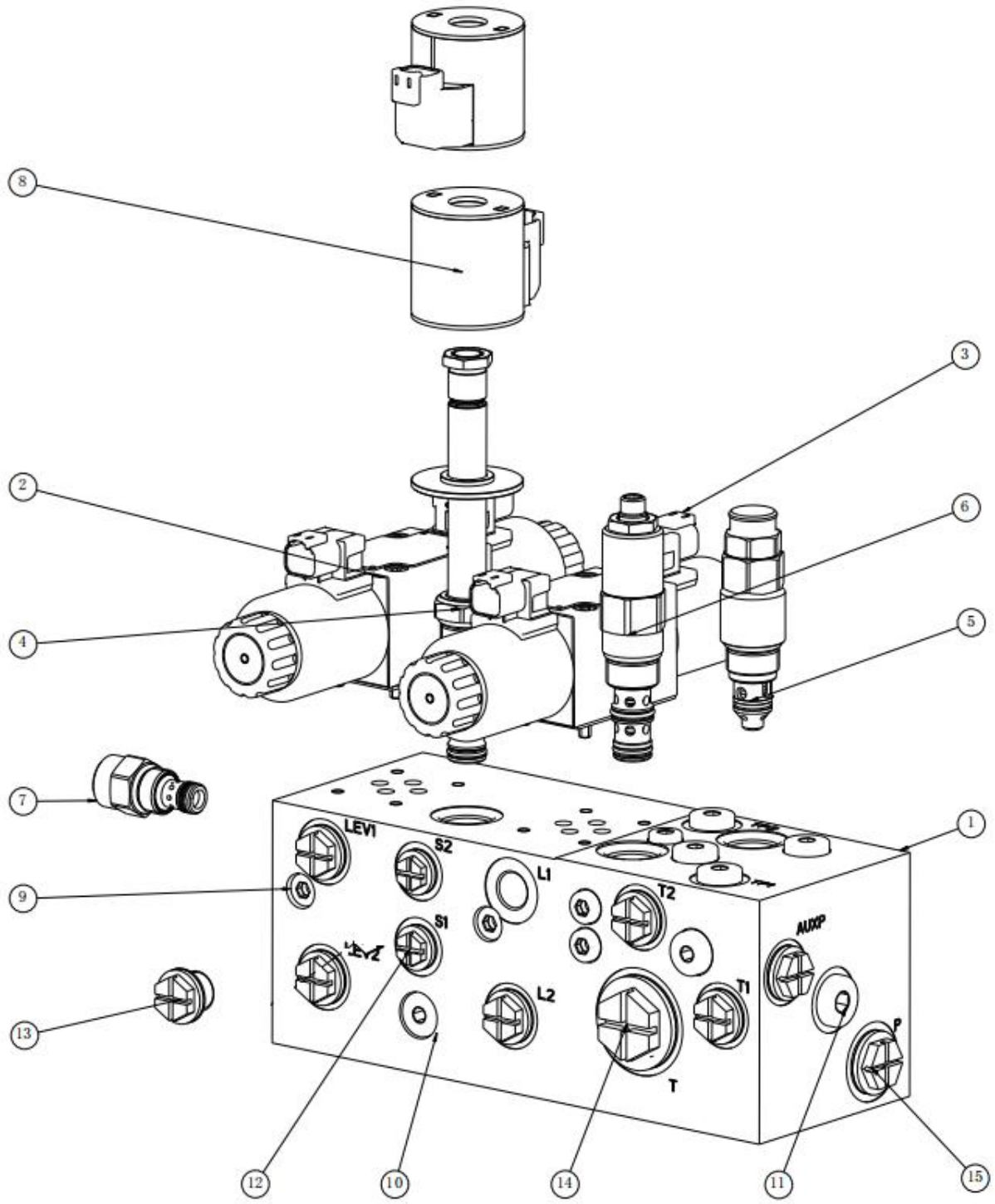
S/N	Material code	Name	Quantity
1	HV120AIJ-620100-000	Luffing cylinder	1
2	HV120AIJ-640300-001	Luffing cylinder valve	1
3	GT070P1-008055-00	Screw M8×55	4
4	HV120AIJ-620101-000	Oil cylinder repair kit	1

5-3 Luffing cylinder valve



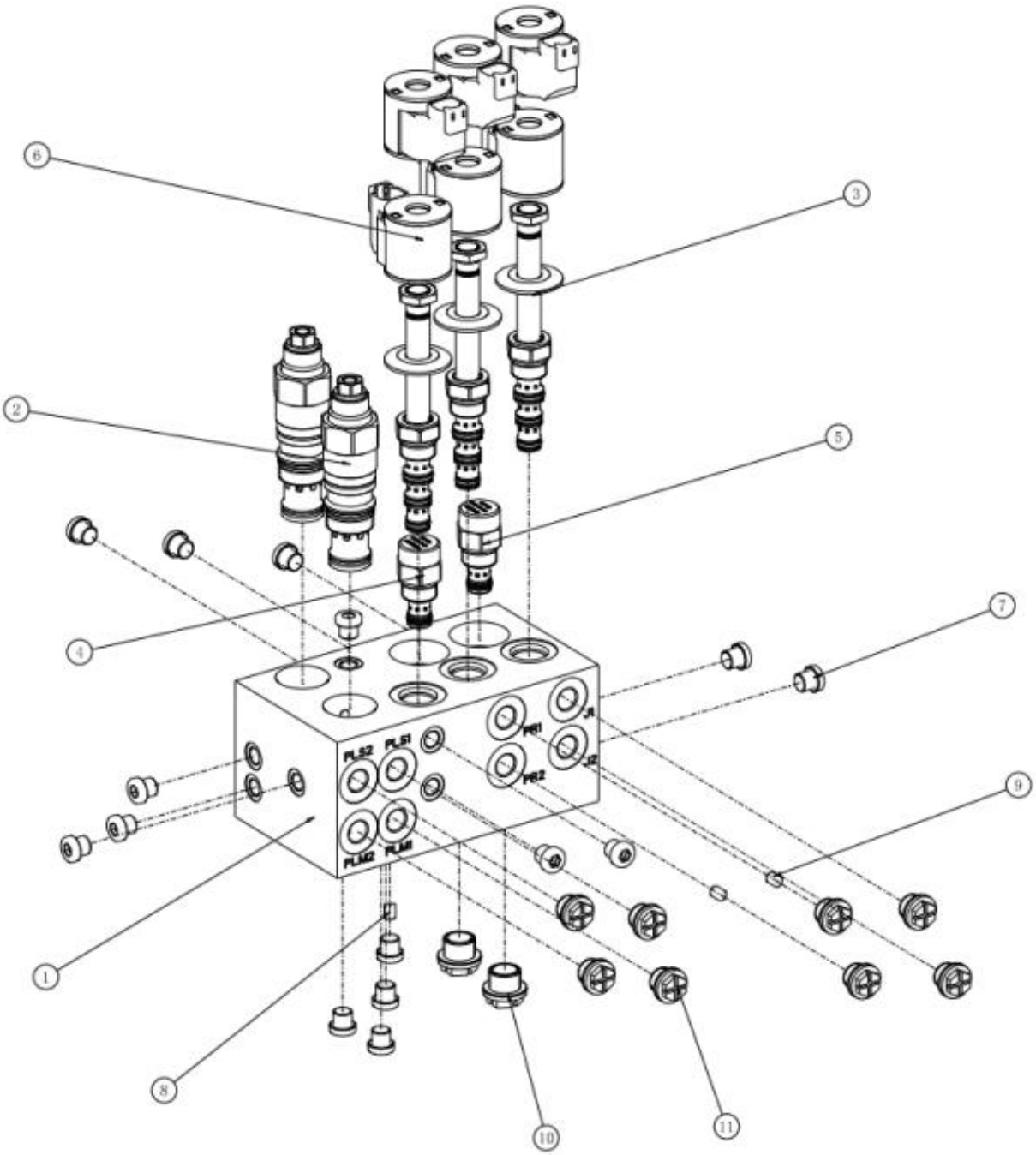
S/N	Material code	Name	Quantity
1	HV120AIJ-640301-000	Valve	1
2	HV120AIJ-640302-000	Proportional throttle valve	1
3	HV120AIJ-640303-000	Damping hole directly plugged	1
4	HV120AIJ-640304-000	O-ring 15.54*2.62	1

5-4 Main valve



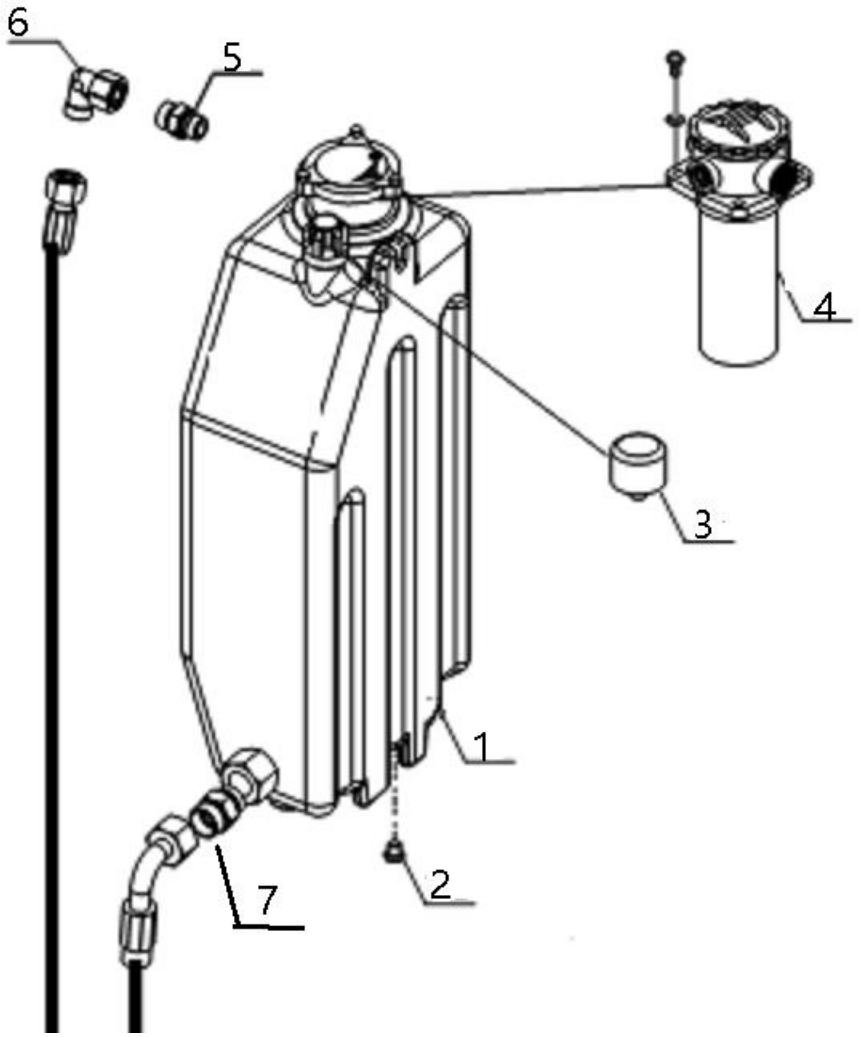
S/N	Material code	Name	Quantity
1	HV120AIJ-640101-000	Valve	1
2	HV120AIJ-640110-000	WE solenoid directional valve	1
3	HV120AIJ-640120-000	Solenoid directional valve	1
4	HV120AIJ-640130-000	Solenoid directional valve	1
5	HV120AIJ-640140-000	Relief valve	1
6	HV120AIJ-640150-000	Pressure relief valve	1
7	HV120AIJ-640160-000	Flow valve	1
8	HV120AIJ-640170-000	Coil component	1
9	HV120AIJ-640102-000	Inner hex socket head plug G1/8A	1
10	HV120AIJ-640103-000	Inner hex socket head plug G1/4A	2
11	HV120AIJ-640104-000	Inner hex socket head plug G3/8A	12

5-6 Platform valve



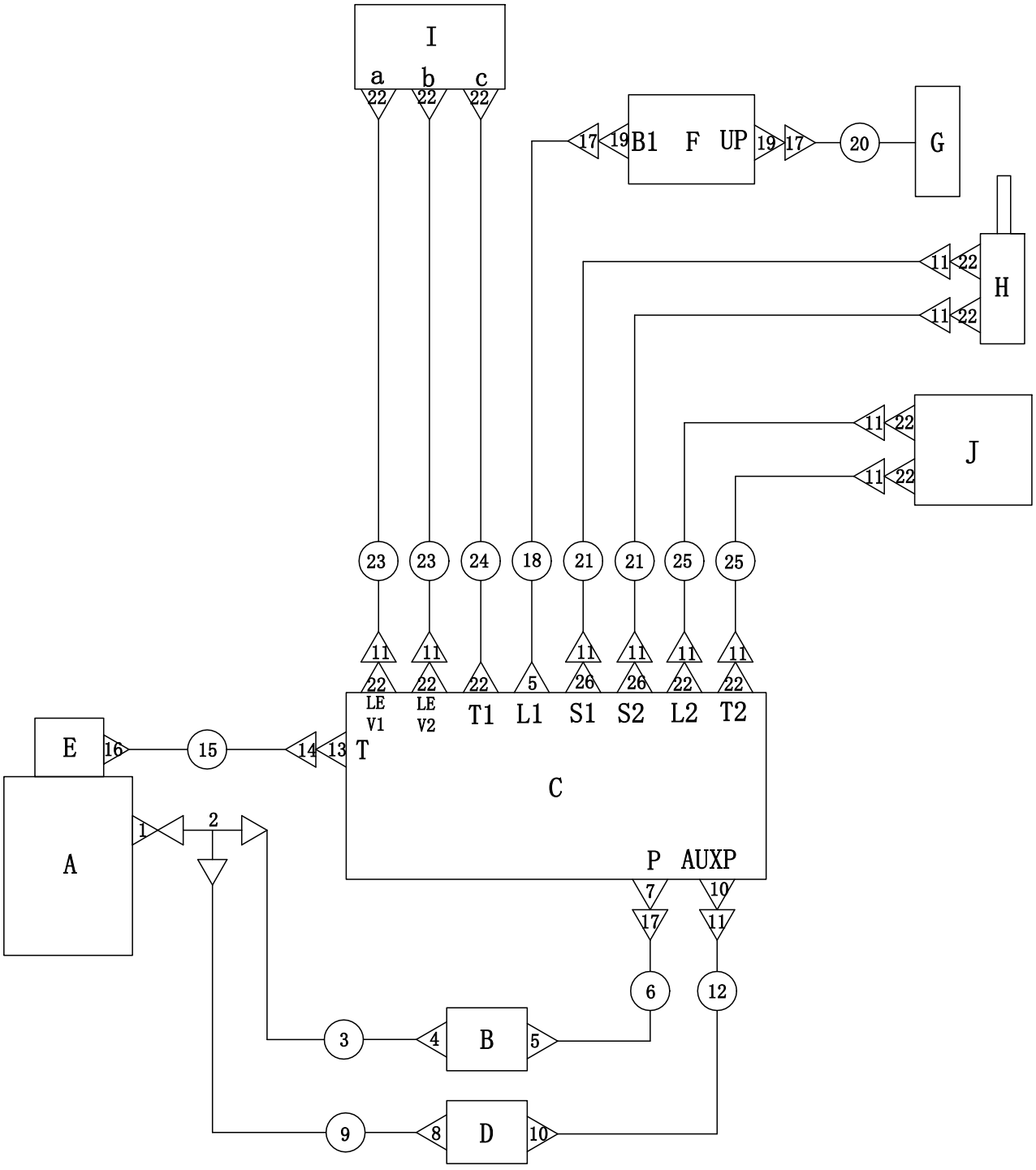
S/N	Material code	Name	Quantity
1	HZ210AI-640301-000	Valve	1
2	HZ210AI-640310-000	Balancing valve	2
3	HZ210AI-640320-000	Solenoid directional valve	3
4	HZ210AI-640330-000	Flow valve	1
5	HZ210AI-640340-000	Flow valve	1
6	HZ210AI-640350-000	Coil component	6
7	HZ210AI-640302-000	Inner hex socket head plug	15
8	HZ210AI-640303-000	0.8 damping	1
9	HZ210AI-640304-000	0.6 damping	2

5-7 Fuel tank component



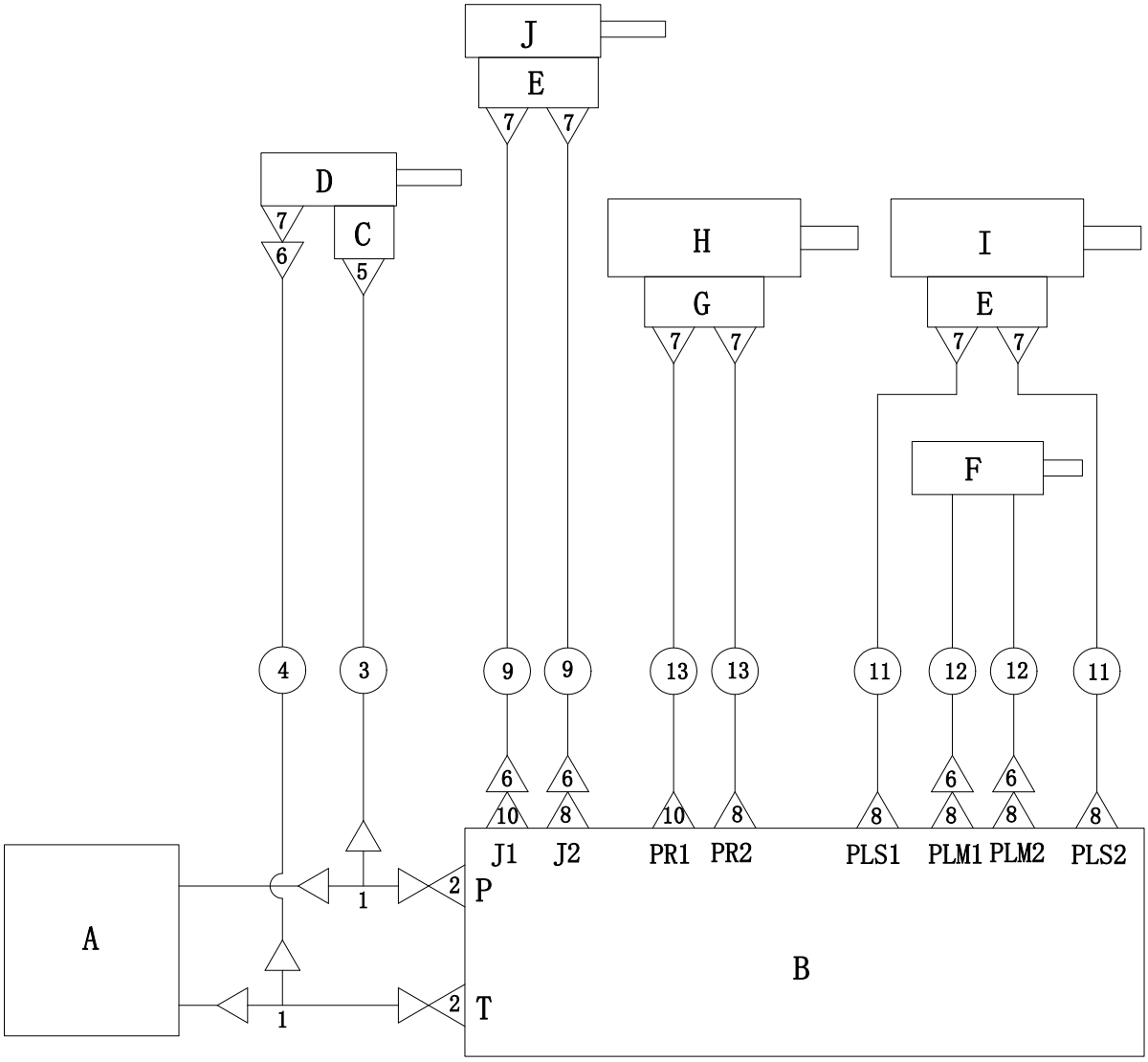
S/N	Material code	Name	Quantity
1	GTHZ120-610100-G00	Oil tank body	1
2	JT-410004-G00	Threaded plug	1
3	TM450B1-G00	Breathing air filter	1
4	GTHZ120-600002-G00	Oil return filter	1
5	JT-110824-G00	Transition joint	1
6	JT-110824-G00	Transition joint	1
7	JT-102230-G00	Transition joint	1

5-8 Rotating pedestal pipeline



S/N	Material code	Name	Quantity
A	GTHZ120-610100-G00	Plastic fuel tank	1
B	XSD090-622000-000	Gear oil pump	1
C	HV120AIJ-640100-00	Lifting control valve	1
D	GTHZ120-610700-G00	Emergency pump	1
E	GTHZ120-600002-G00	Oil return filter	1
F	HV120AIJ-640600-000	Lowering valve block	1
J	GTW02FV615-007200-001	Steel oil pipe of lifting component	1
H	HV120AIJ-620300-000	Steering cylinder	1
I	GTWZ110-650100-G00	Rotary motor	1
J	HV120AIJ-640500-000	Double hose reel	1
1	JT-102230-G00	Transition joint	1
2	GTHZ120-640003-G00	Reducing tee joint	1
3	GTHZ170-630011-000	Hose	1
4	JT-111230-G00	Transition joint	1
5	JT-110618-G00	Transition joint	2
6	HV120AIJ-630201-000	Hose	1
7	JT-110818-G00	Transition joint	1
8	JT-110820-G00	Transition joint	1
9	160XEN-630003-000	Hose	1
10	JT-110614-G01	Transition joint	2
11	JT-201414-G01	Right-angle joint	11
12	GTWZ110-630001-G00	Hose	1
13	JT-111630-G01	Transition joint	1
14	JT-203030-G01	Right-angle joint	1
15	HV120AIJ-630102-001	Hose	1
16	JT-111230-G01	Transition joint	1
17	JT-201818-G01	Right-angle joint	3
18	HB280PI-630625-001	Hose	1
19	JT-101618-G01	Transition joint	2
20	HV120AIJ-630301-001	Rigid tube	1
21	GTWZ110-630008-G00	Hose	2
22	JT-110614-G00	Transition joint	12
23	HZ210AI-630124-000	Hose	2
24	HV120AIJ-630405-000	Low-pressure hose	1
25	HS1416TPI-630005-000	Hose	2
26	JT-110414-G01	Transition joint	5

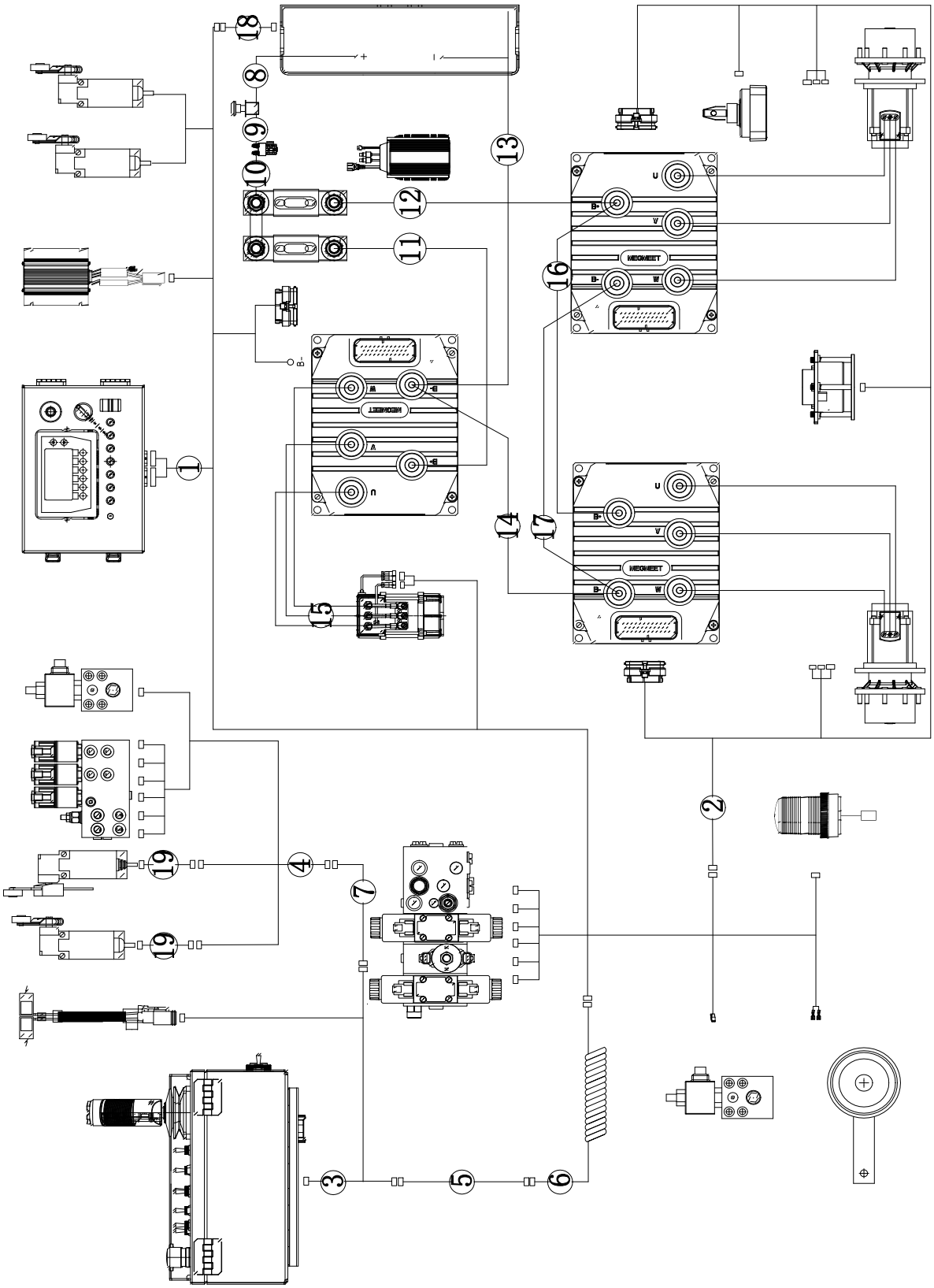
5-9 Platform pipeline



S/N	Material code	Name	Quantity
A	HV120AIJ-640500-000	Double hose reel	1
B	HZ210AI-640300-G01	Platform valve	1
C	HV120AIJ-640300-001	Luffing cylinder valve	1
D	HV120AIJ-620100-000	Luffing cylinder	1
E	GTHZ120-610800-G00	Balancing valve	2
F	HV120AIJ-620600-000	Lower leveling cylinder	1
G	GTHZ120-611000-G00	Fence balancing valve	1
H	GTHZ120-620700-000	Fence turning cylinder	1
I	HV120AIJ-620500-000	Upper leveling cylinder	1
J	HV120AIJ-620400-000	Duplex telescopic cylinder	1
1	JT-311414-G01	Tee joint	2
2	JT-110614-G01	Transition joint	2
3	HZ210AI-630123-000	Hose	1
4	HS1418RPI-630503-000	Hose	1
5	JT-110614-G00	Transition joint	1
6	JT-201414-G01	Right-angle joint	5
7	JT-110414-G00	Transition joint	7
8	JT-110414-G01	Transition joint	2
9	HB250PI-630701-000	Hose	2
10	JT-110414-G01	Transition joint	4
11	HV120AIJ-630402-000	Hose	2
12	HB250PI-630702-000	Hose	2
13	HV120AIJ-630403-001	Hose	2

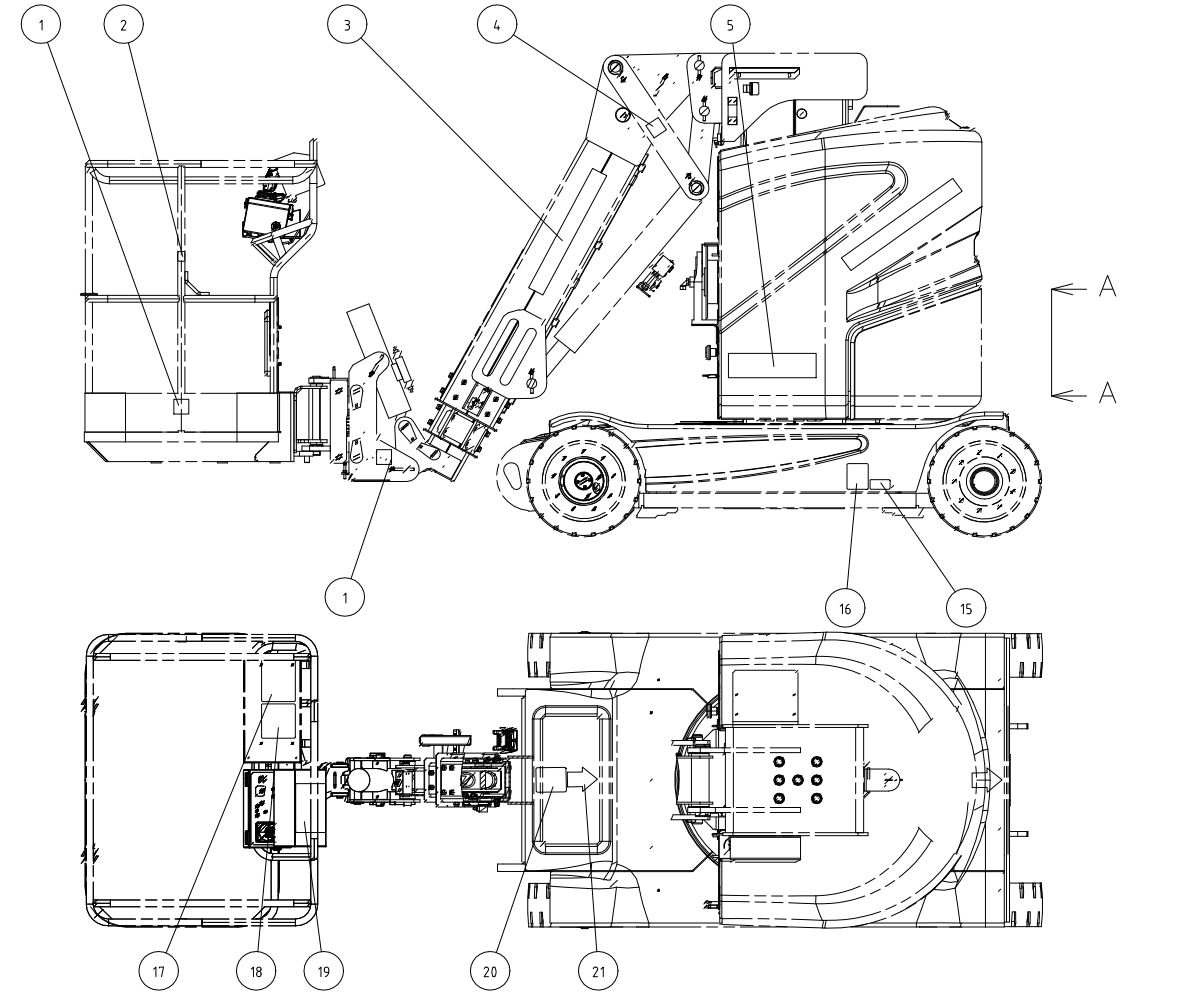
VI. Electrical System

6-1 Electrical harness



S/N	Material code	Name	Quantity
1	HV120AIJ-710100-000	Control box harness	1
2	HV120AIJ-710200-001	Drive harness assembly	1
3	HV120AIJ-720100-000	Upper control box harness	1
4	HV120AIJ-720200-000	Adapter wire of upper control harness	1
5	HV120AIJ-720300-000	Handle adapter	1
6	HV120AIJ-720400-000	Black spring wire	1
7	HV120AIJ-720500-000	Platform valve adapter wire	1
8	HV120AIJ-730100-000	Cable (lithium battery + - power-off switch)	1
9	HV120AIJ-730200-000	Cable (power-off switch - contactor)	1
10	HV120AIJ-730300-000	Cable (contactor - fuse)	1
11	HV120AIJ-730400-000	Cable (fuse - oil pump driver B+)	1
12	HV120AIJ-730500-000	Cable (fuse - right travel drive B+)	1
13	HV120AIJ-730700-000	Cable (lithium battery - oil pump driver B-)	1
14	HV120AIJ-730800-000	Cable (oil pump driver B - right travel driver B-)	1
15	HV120AIJ-731000-000	Cable (oil pump driver - oil pump motor)	1
16	HV120AIJ-730600-000	Cable (right travel driver B+ - left travel driver B+)	1
17	HV120AIJ-730900-000	Cable (right travel driver B - left travel driver B-)	1
18	HV120AIJ-700900-000	Lithium battery bus adapter wire	1
19	HS1416TPI-710600-000	Travel switch adapter wire	2

VII. Tag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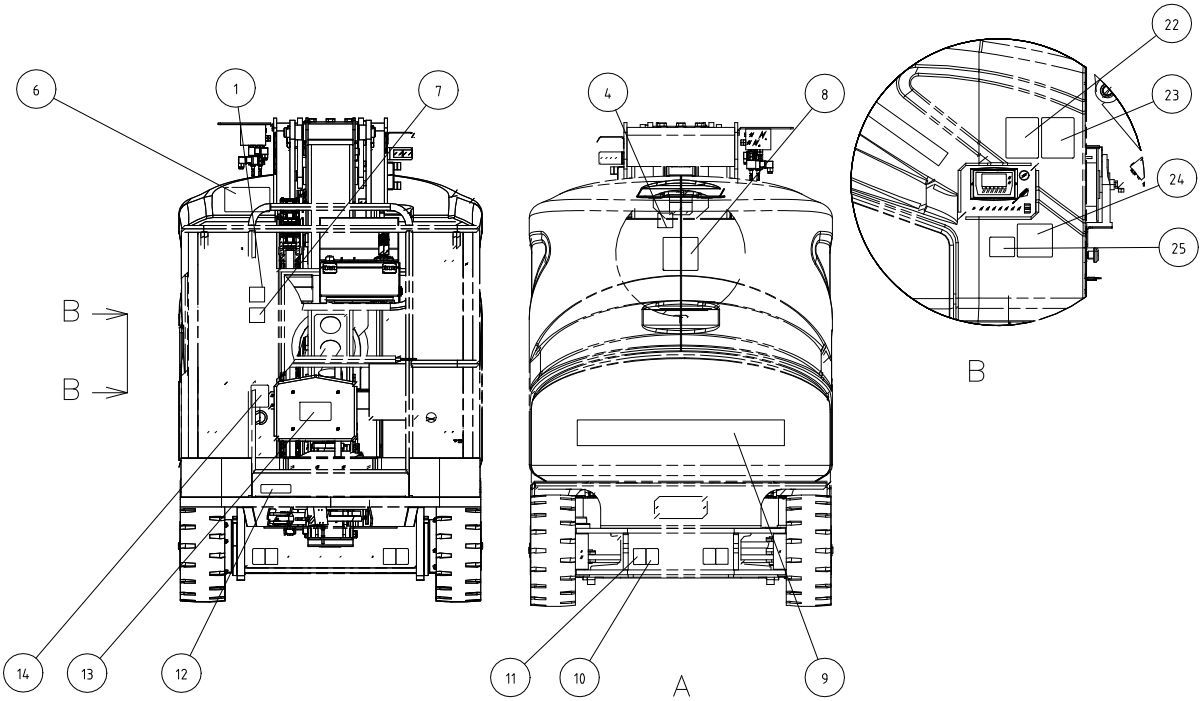
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S/N	Material code	Name	Quantity
1	GTHZ120-020016-000	Label "Anti-pressure head label"	1
2	78XEN-020024-000	Safety anchor label	4
3	GTHZ120-020022-000	Label "Word HANGCHA"	3
4	GTHZ120-020015-000	Label "Anti-pinch label"	1
5	HV120AJ-020016-000	Type label HV120AJ	2
6	GTWZ110-020003-001	It is strictly prohibited to change or remove the limit switch label	1
7	GTWZ110-020012-001	No standing label	1
8	GTWZ110-020017-001	Risk labels for explosion and fire	1
9	GTHZ120-020021-000	Label "Word HANGCHA"	1
10	R960-020035-001	Lifting label	4
11	GTWZ110-020013-000	Binding position label	4
12	GTWZ110-020010-001	Emergency descent label	1
13	GTWZ110-020002-001	Accompanying manual label	1
14	GTWZ110-020011-001	Main power switch label	1
15	GTWZ110-020008-000	Tire load label	4
16	GTWZ110-020007-001	Forklift position label	4
17	GTWZ110-020006-001	Tipping risk label	1
18	GTWZ110-020019-001	Risk label of smashing and falling	1
19	HV120AIJ-020015-0000	Rated load description label	1
20	GTWZ110-020014-001	No trampling label	1
21	GTHZ120-020006-000	Label "Front"	3
22	GTWZ110-020009-001	Pre-operational inspection label	1
23	HV120AIJ-020021-0000	Work scope label	1
24	GTWZ110-020018-001	Splash hazard label	1
25	GTWZ110-020005-000	Consult the instruction label before operation	1