

Manual No: 503014120002-EN

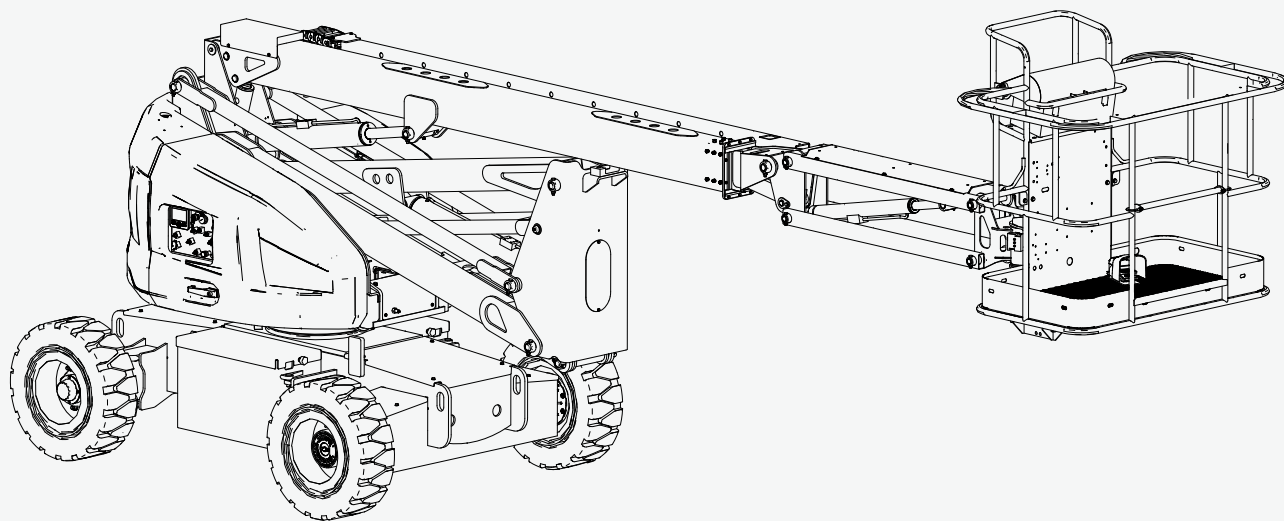
Manual Version: A

April 2024

Translated version

Parts Manual

AB16EJ/AB520EJ



CE  AS/NZS  EAC GB

SINOBOOM



WARNING

Operating, servicing and maintaining this vehicle or equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure and avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle or equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing. For more information, go to: www.P65warnings.ca.gov.

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TO USERS

Thank you for choosing and using the machine of **Hunan Sinoboom Intelligent Equipment Co., Ltd.**

This manual is intended to provide users with necessary parts information. This manual covers the basic configuration information of one or more models. Please refer to the information applicable to your machine model. When replacement parts are required, **Hunan Sinoboom Intelligent Equipment Co., Ltd** recommends that only the original or recommended parts be used. When ordering replacement parts, the complete part number and description should be used to ensure proper identification and delivery of the desired item. This complete identification should also be used when requesting equipment information.

Due to continuous improvement and upgrading of product design and different product models covered, some charts and texts in the manual may be not applicable to your machine. Our company reserves the right to revise the contents of this manual due to technological improvements. Changes will be made without prior notice. Contact Sinoboom to obtain the most current version of the manual.

Please go to www.sinoboom.com to download your desired Operation Manual, Maintenance Manual and Parts Manual. Consider this manual as a part of the machine, and always keep the manual with the machine. Without the written permission of Sinoboom, do not copy, spread, sell or alter the manual.

If you have any questions, contact **Hunan Sinoboom Intelligent Equipment Co., Ltd.**

Manual Revision History:

[illegible]

APPLICABLE MODELS

The manual applies to the following models and serial numbers:

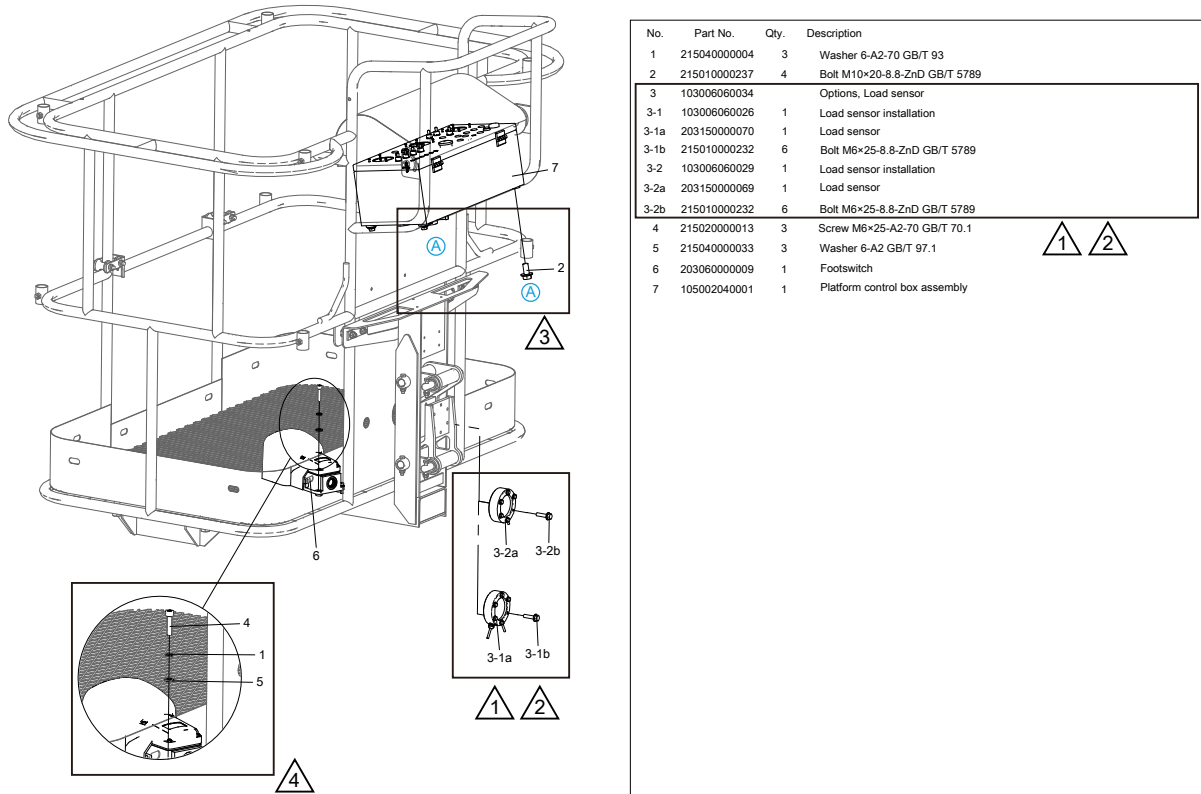
Model	Metric Trade Name	Imperial Trade Name	Serial No.
AB16EJ	AB16EJ	AB520EJ	0301400100 to current

Note:

- Check the machine model and serial number on the machine nameplate. The location of the nameplate can be found in the ***Decals Diagram*** section of the Operation Manual.
- Product model numbers are indicated on the nameplates to distinguish products with different main technical parameters.
- Product trade names (product commercial codes) are used for marketing purposes and machine decals for the differentiation of products with different main technical parameters. Product trade names are categorized as metric and imperial trade names: metric trade names are applicable to regions/countries using the metric system or as specifically requested by customers; imperial trade names are applicable to regions/countries using the imperial system or as specifically requested by customers.

NOTE

1. The special meanings expressed in the illustrations and tables in this manual are explained as follows:



- △1 Add "-1, -2, -3....." after the number to represents an option (one multiple choice), such as choose 3-1 and 3-2 according to specific needs.
- △2 Add "lowercase a, b, c....." after the number to indicate a variety of components, such as 1a and 1b to make up 1.
- △3 "A, B, C....." in figure indicates the same parts in many positions, and the same position is indicated by the same symbol.
- △4 The diagram indicated by the lead is a local enlargement or a local illustration.

2. The optional parts are not interchangeable by default, unless otherwise specified in special circumstances.

3. In the remarks of the parts list (e.g., SC:100XXXX), the 7-digit number following "SC:" represents the supplier information for the part, which can be found on the corresponding part (usually on the part nameplate or at the steel stamp location). With this information, you can then identify the required part number from multiple optional parts.

Nameplate Illustration Sample



4. If customized painting is required, please refer to the following table to obtain the corresponding Sinoboom internal color codes for different colors:

Color Description	Code	Color Description	Code	Color Description	Code
RAL2002	01	RAL7039	15	RAL4010	24
RAL7024	02	RAL1021	16	XB0003G	26
RAL7015	03	RAL7016	17	RAL9003	29
RAL5012	04	RAL110-M	19	RAL7035	30
RAL9017	07	RAL1028	20	RAL9005	31
RAL2020	08	RAL1004	21	PANTONE 2728C	32
RAL5002	12	XB0001G	22	RAL3024	33
RAL3002	14	XB0002G	23	XB0006B	34

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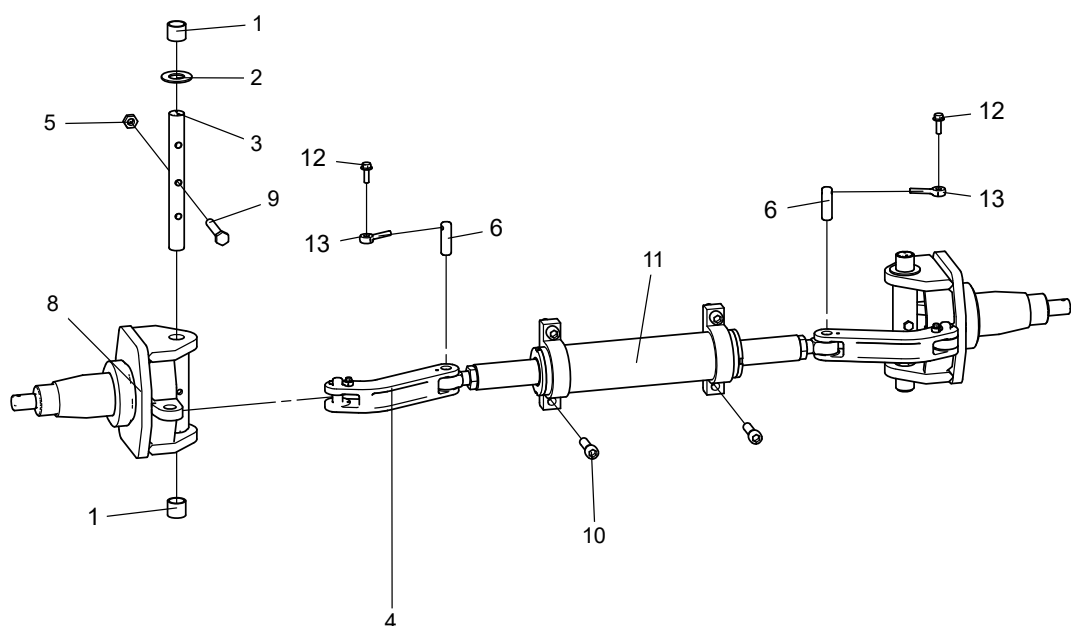
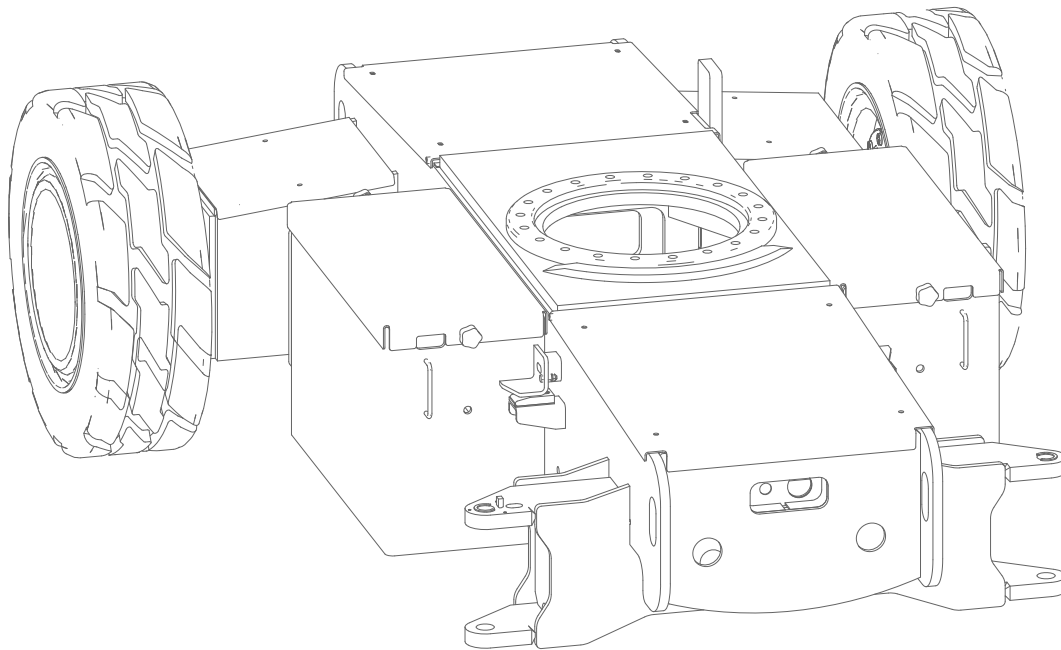
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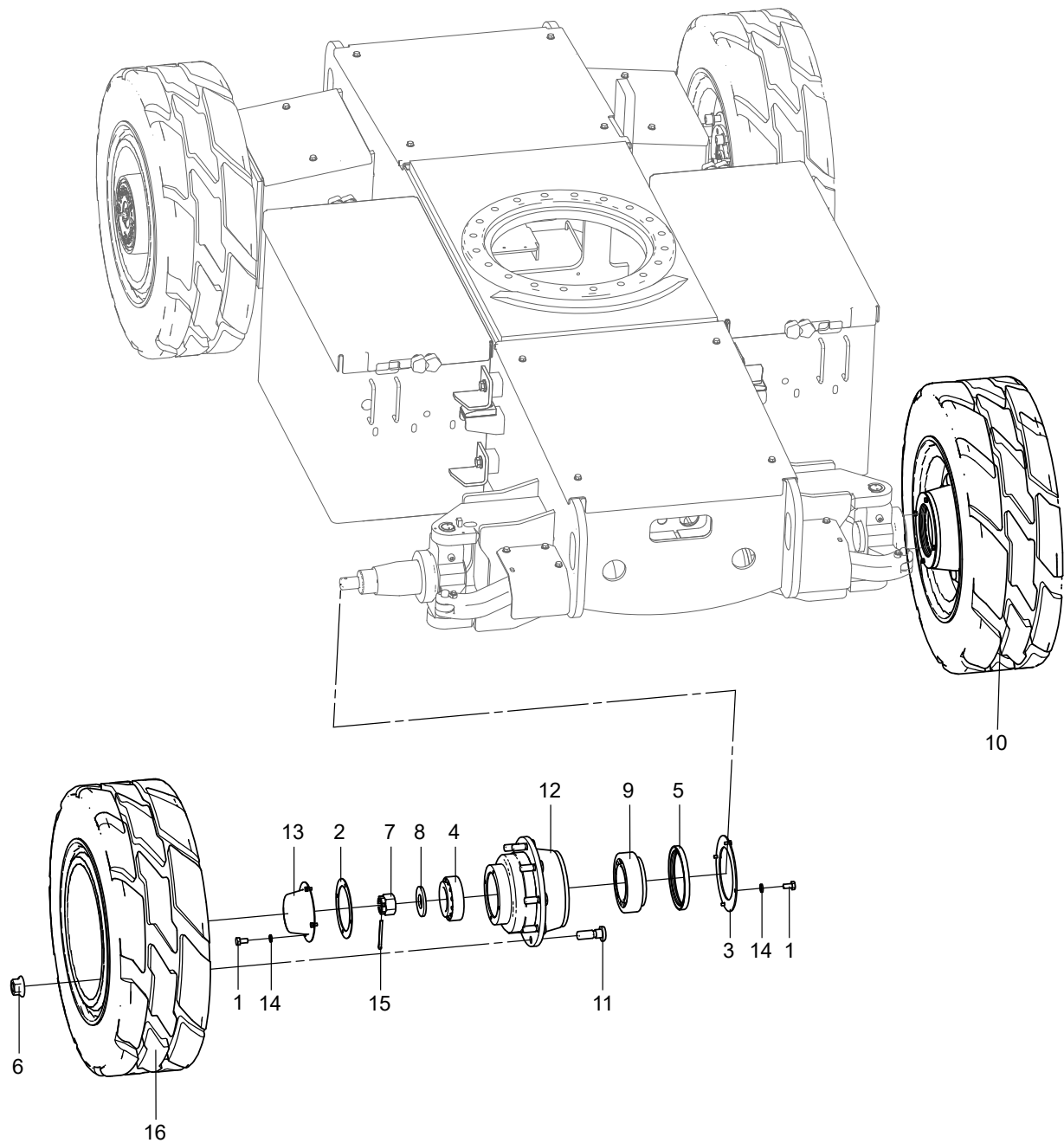
1 CHASSIS ASSEMBLY

1.1 STEER INSTALLATION



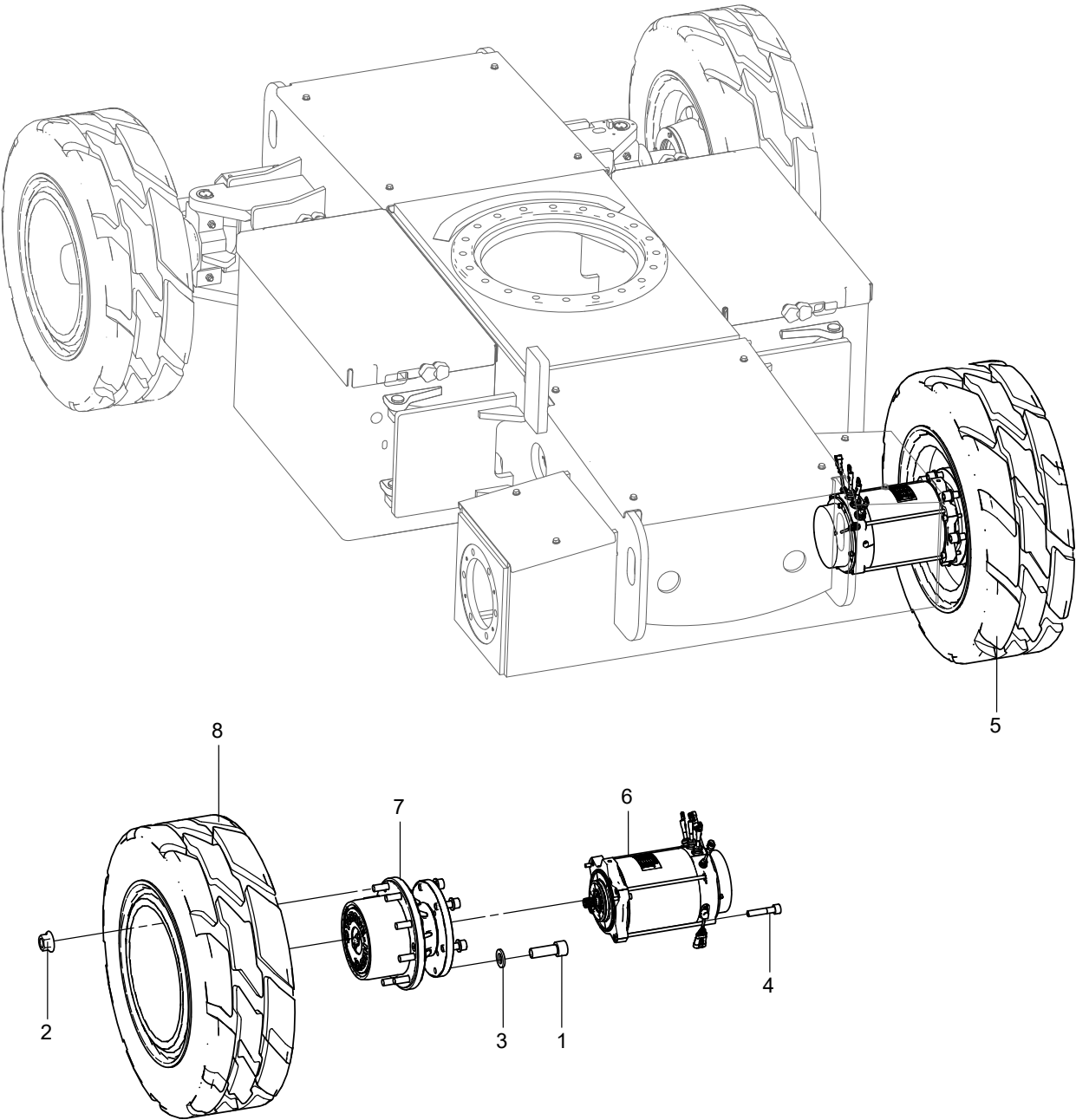
No.	Part No.	Qty.	Description
1	103002050002	1	Cylinder, steer(B)
1a-1	207990003364	1	Seal kit, cylinder(1000026)
1a-2	207990003571	1	Seal kit, cylinder(1000148)
1a-3	207990003586	1	Seal kit, cylinder(1000145)
1a-4	207990004008	1	Seal kit, cylinder(1000898)
2	103006030010	2	Gasket
3	103006030012	2	Shaft
4	103003030096	2	Lever
5	215030000027	2	Nut M10-8-ZnD GB/T 6184
6	111001010105	4	Shaft
7	214030000052	2	Self-lubricating bearing
8	103003030113	2	Spindle
9	215010000010	2	Bolt M10×60-8.8-ZnD GB/T 5782
10	215020000086	4	Screw M16×55-10.9-DKL GB/T 70.1
11	214030000006	4	Self-lubricating bearing
12	215010000231	4	Bolt M6×20-8.8-ZnD GB/T 5789
13	101012010070	4	Keeper pin Φ6-38

1.2 FRONT WHEEL INSTALLATION



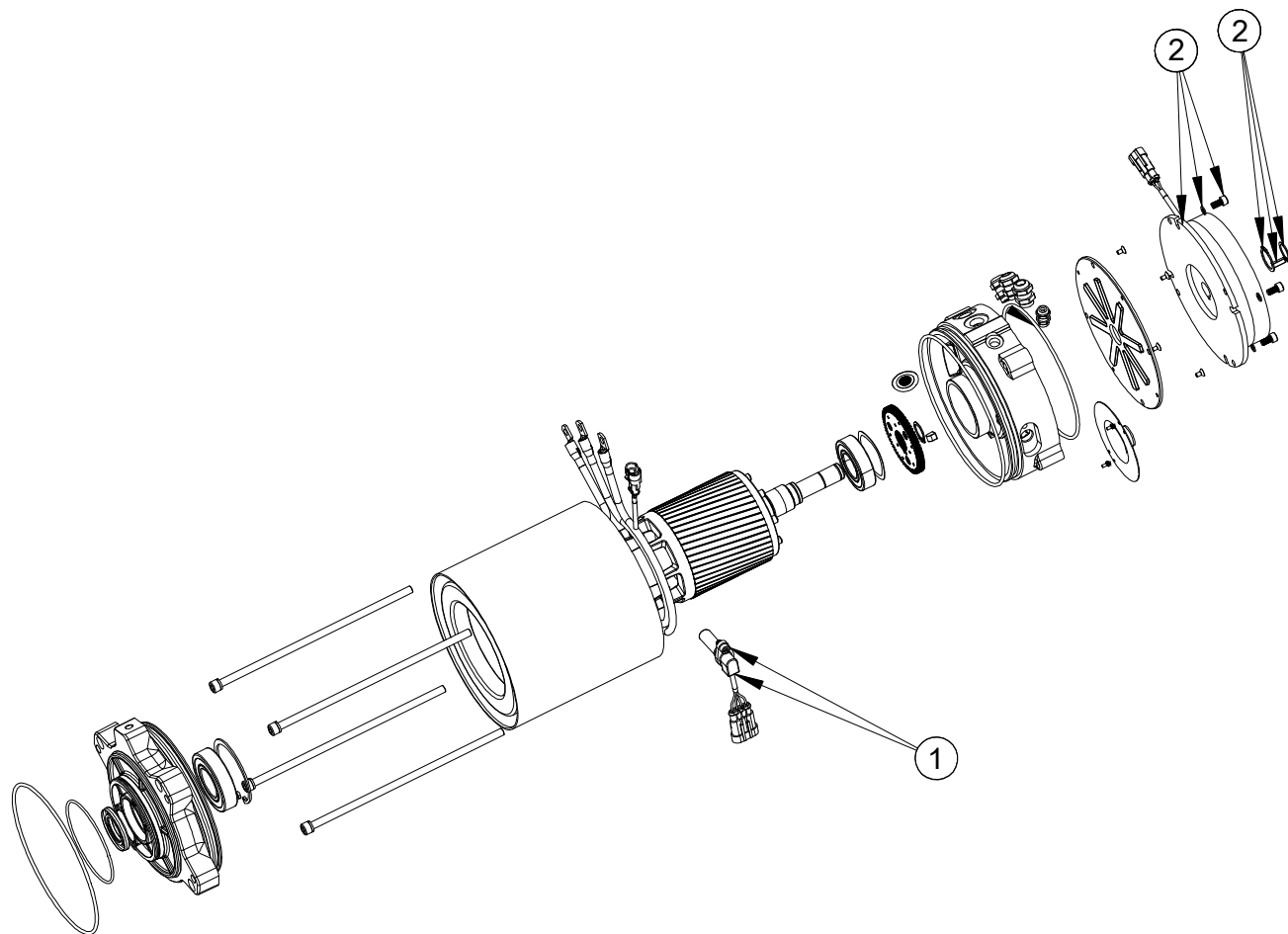
No.	Part No.	Qty.	Description
1	215010000049	16	Bolt M6×12-A2-70 GB/T 5783
2	105001030025	2	Seal gasket
3	103002030047	2	Back-up ring
4	214010000020	2	Bearing 33212 GB/T 297
5	207050000001	2	Framework seal
6	215030000063	18	Nut M16×1.5-10-DKL DTF 6177.2
7	215030000060	2	Nut M30×2-8-ZnD GB/T 9457
8	105001030024	2	Shim
9	214010000019	2	Bearing 33217 GB/T 297
10	103006033041		Left tire options(See details)
11	105001030059	18	Bolt, self-build
12	104009030021	2	seat
13	105001030030	2	Cap, dust
14	215040000004	16	Washer 6-A2-70 GB/T 93
15	215060000015	2	Pin 6.3×63-ZnD GB/T 91
16	103006033042		Right tire options(See details)

1.3 DRIVE INSTALLATION



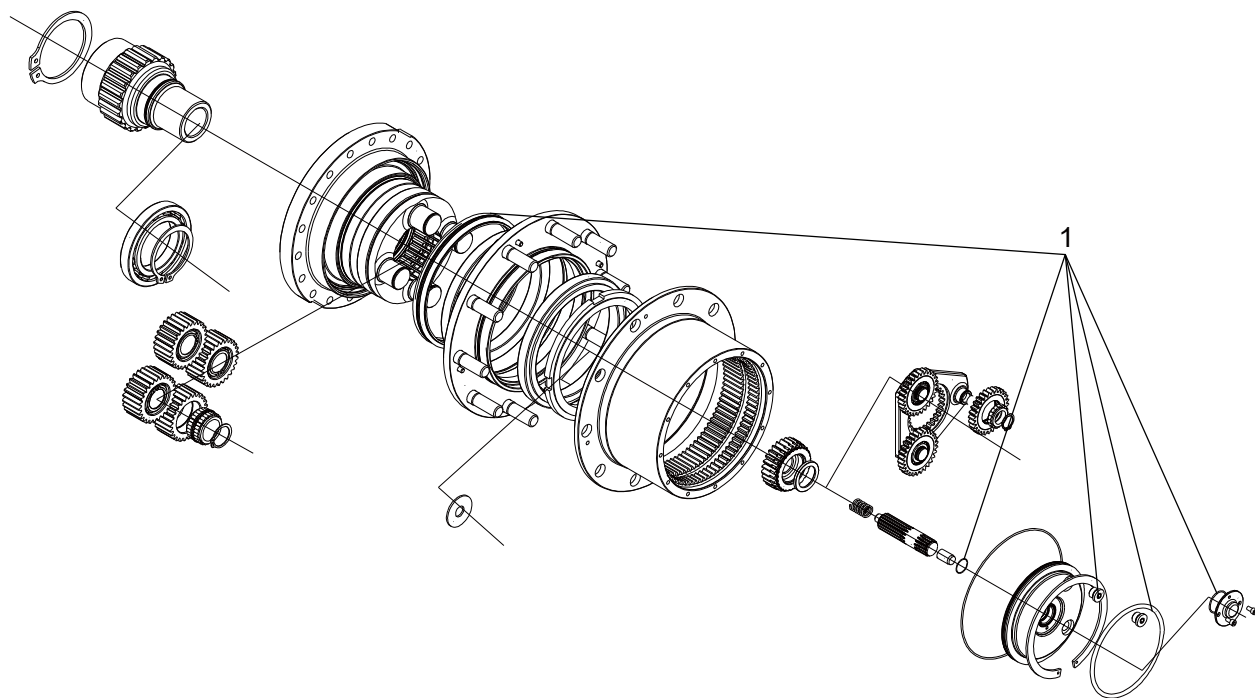
No.	Part No.	Qty.	Description
1	215080000008	12	Screw 5/8"-11UNC-1.75inches GR8
2	215080000028	18	Hexagon flange nut 5/8-18UNF-GR8-DKL ASME B18.2.2
3	215040000039	12	Washer 16-200HV-ZnD GB/T 97.1
4	215020000029	8	Screw M8×40-10.9-DKL GB/T 70.1
5	103006033041		Left tire options(See details)
6	103006033054		Motor option
6-1	203010000021	1	Travel motor(1001132)
6-2	203010003070	1	Travel motor(1000207)
7	103006033053		OPT, reducer (drive)
7-1	204020000039	1	Reducer, drive(1000154)
7-2	204020003019	1	Drive reducer(1000138)
8	103006033042		Right tire options(See details)

1.4 DRIVE MOTOR (PN.203010000021)



No.	Part No.	Qty.	Description
1	203150003043	1	Speed sensor
2	203150003044	1	Brake

1.5 DRIVE REDUCER (PN.204020003019)



No.	Part No.	Qty.	Description
1	207040003136	1	Seal kit

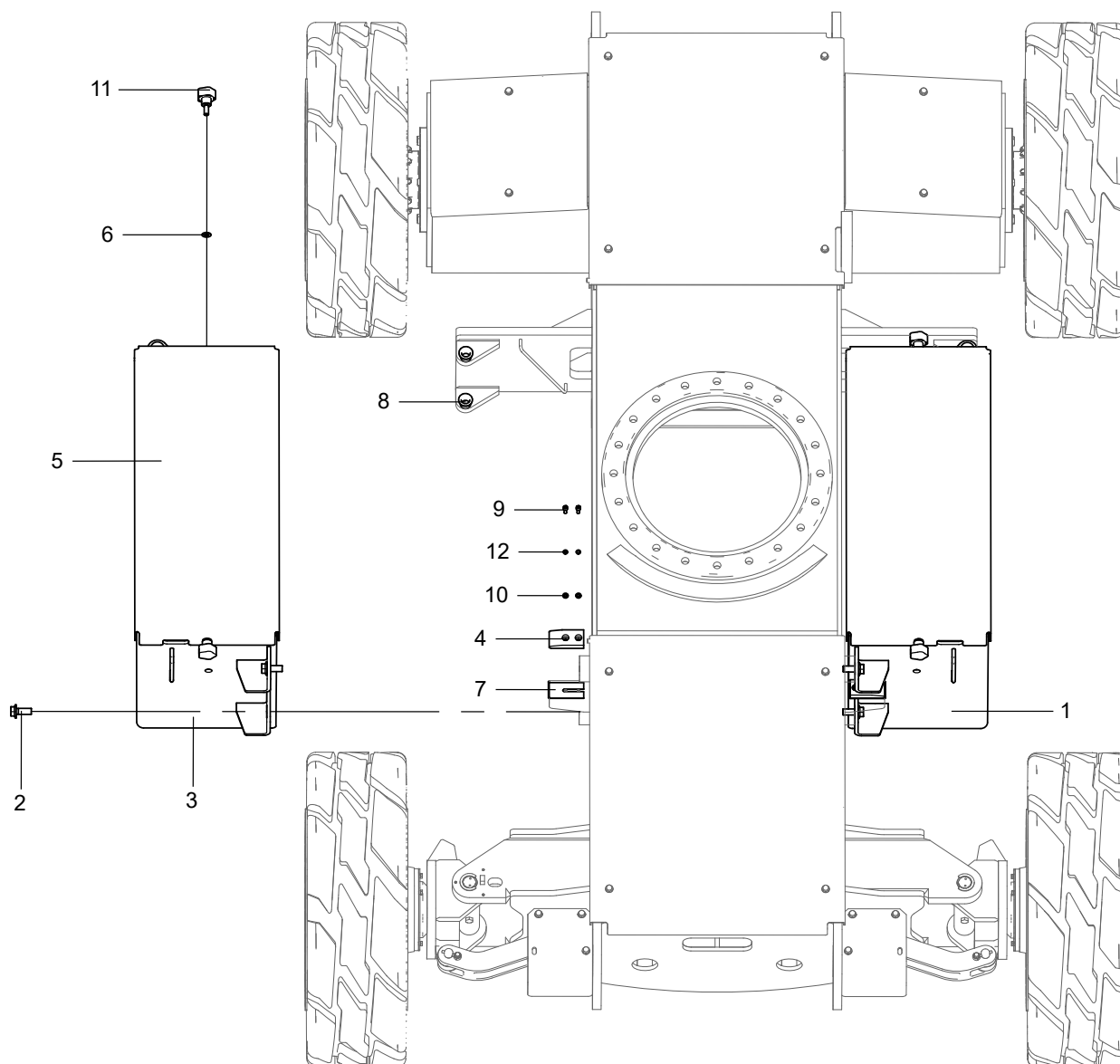
1.6 LEFT TIRE ASSEMBLY OPTIONS

No.	Part No.	Qty.	Description
1	103003030075	1	Tire and wheel assembly, non-marking(250-15)
2	103003030076	1	Tire assembly, solid, right(250-15)
3	103007033010	1	Left tire and wheel assembly, non-marking, foam filled(27×10.5-15)
4	103003030121	1	Left tire and wheel assembly, non-marking, foam filled(240/55D17.5)
5	103003030122	1	Tire and wheel assembly, foam filled(240/55D17.5)
6	103007033008	1	Tire assembly, foam-filled, left(27×10.5-15)

1.7 RIGHT TIRE ASSEMBLY OPTIONS

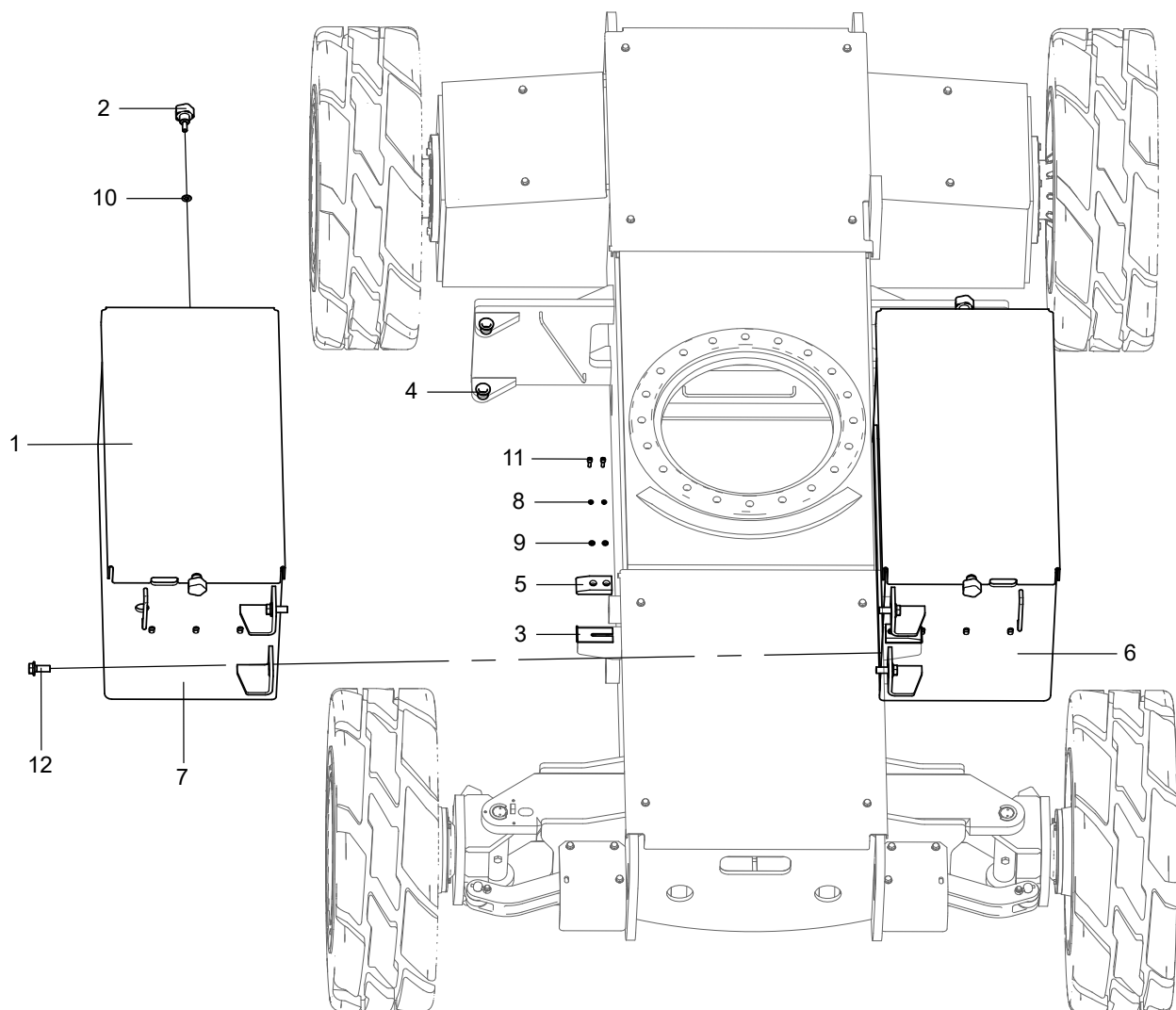
No.	Part No.	Qty.	Description
1	103003030076	1	Tire assembly, solid, right(250-15)
2	103007033009	1	Tire assembly,foam-filled,right(27×10.5-15)
3	103003030121	1	Left tire and wheel assembly, non-marking, foam filled(240/55D17.5)
4	103007033011	1	Right tire and wheel assembly, non-marking, foam filled(27×10.5-15)
5	103003030122	1	Tire and wheel assembly, foam filled(240/55D17.5)
6	103003030075	1	Tire and wheel assembly, non-marking(250-15)

1.8 LEAD-ACID BATTERIES HOLDER INSTALLATION



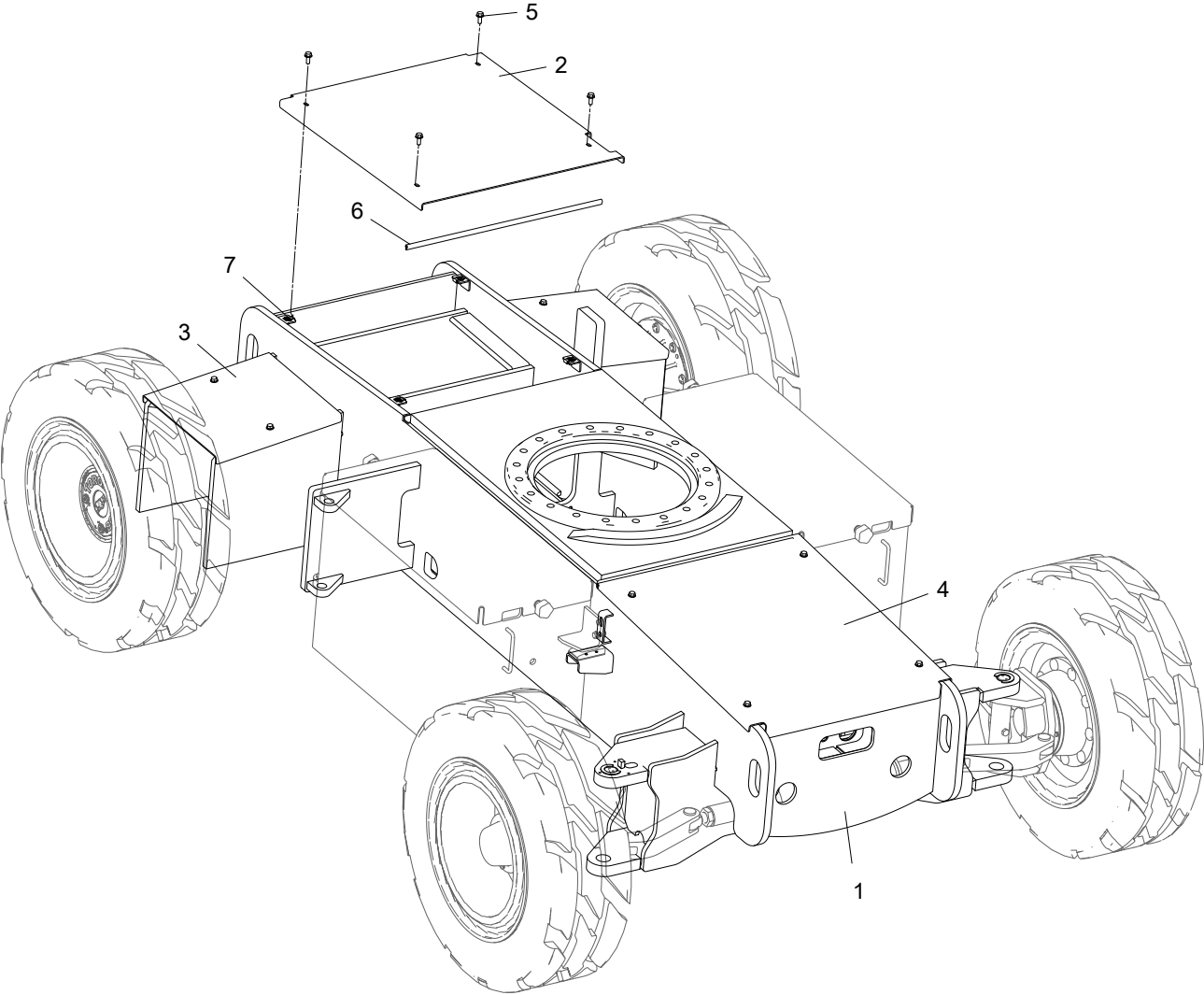
No.	Part No.	Qty.	Description
1	103006030005	1	Box, battery
2	215010000260	4	Bolt M14×35-8.8-ZnD GB/T 5789
3	103006030035	1	Box, battery
4	101014030014	2	Pad
5	103006030015	2	Cover
6	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
7	101015030030	2	Shim
8	214010000029	4	Bearing 20×24-20
9	215020000012	4	Screw M6×20-A2-70 GB/T 70.1
10	215040000033	4	Washer 6-A2 GB/T 97.1
11	209030000006	4	Bolt, star-headed
12	215040000004	4	Washer 6-A2-70 GB/T 93

1.9 LITHIUM BATTERIES HOLDER INSTALLATION



No.	Part No.	Qty.	Description
1	103006033027	2	Cover
2	209030000006	4	Bolt, star-headed
3	101015030030	2	Shim
4	214010000029	4	Bearing 20×24-20
5	101014030014	2	Pad
6	103006033025	1	Box, battery
7	103006033026	1	Box, battery
8	215040000004	4	Washer 6-A2-70 GB/T 93
9	215040000033	4	Washer 6-A2 GB/T 97.1
10	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
11	215020000012	4	Screw M6×20-A2-70 GB/T 70.1
12	215010000260	4	Bolt M14×35-8.8-ZnD GB/T 5789

1.10 CHASSIS ACCESSORY



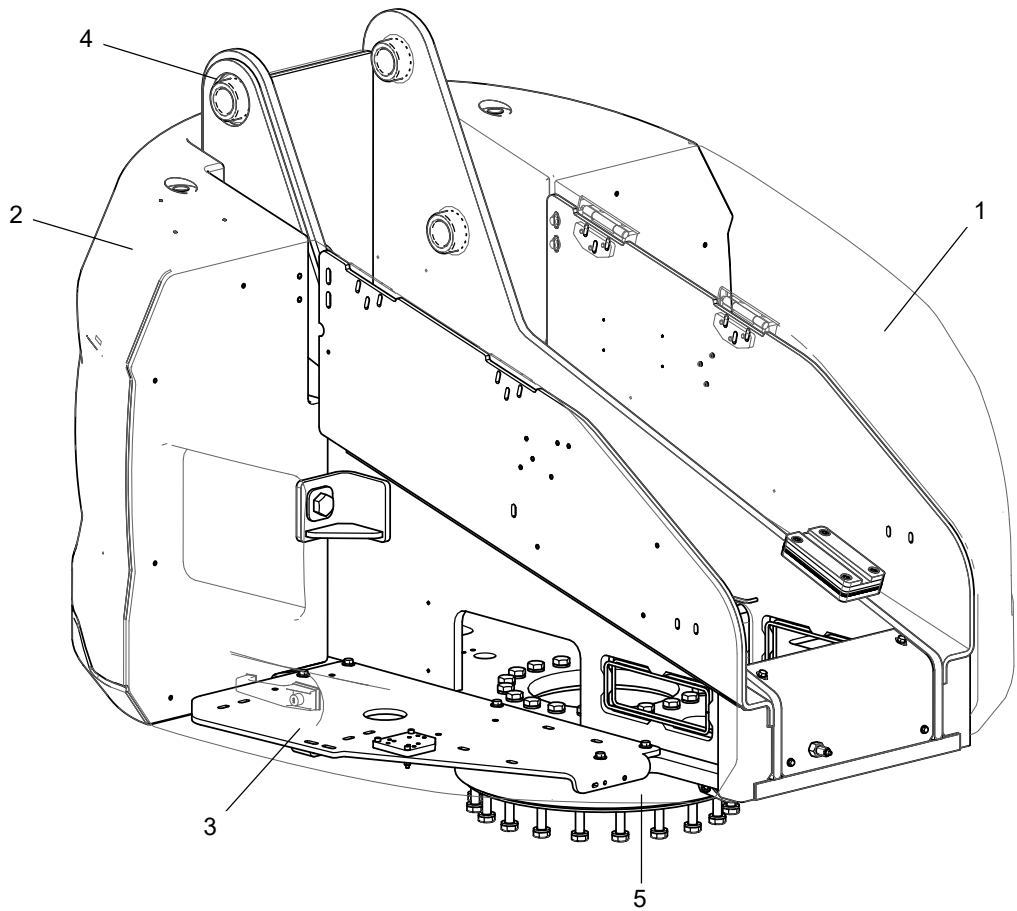
No.	Part No.	Qty.	Description
0	103006030056	1	Battery Holder Installation
0	103007033003	1	Steer System
0	103007033004	1	Front Wheel Installation
0	103007033006	1	Drive System
1	103007030013	1	Major chassis structure[Z]
2	103006030032	1	Cover
3	103007030010	2	Cover
4	103006030014	1	Cover
5	215010000234	18	Bolt M8×20-8.8-ZnD GB/T 5789

No.	Part No.	Qty.	Description
6	216030000009	2	Sealing rubber strip
7	215030000106	12	B type spring nuts
8	103006033034	2	Bracket

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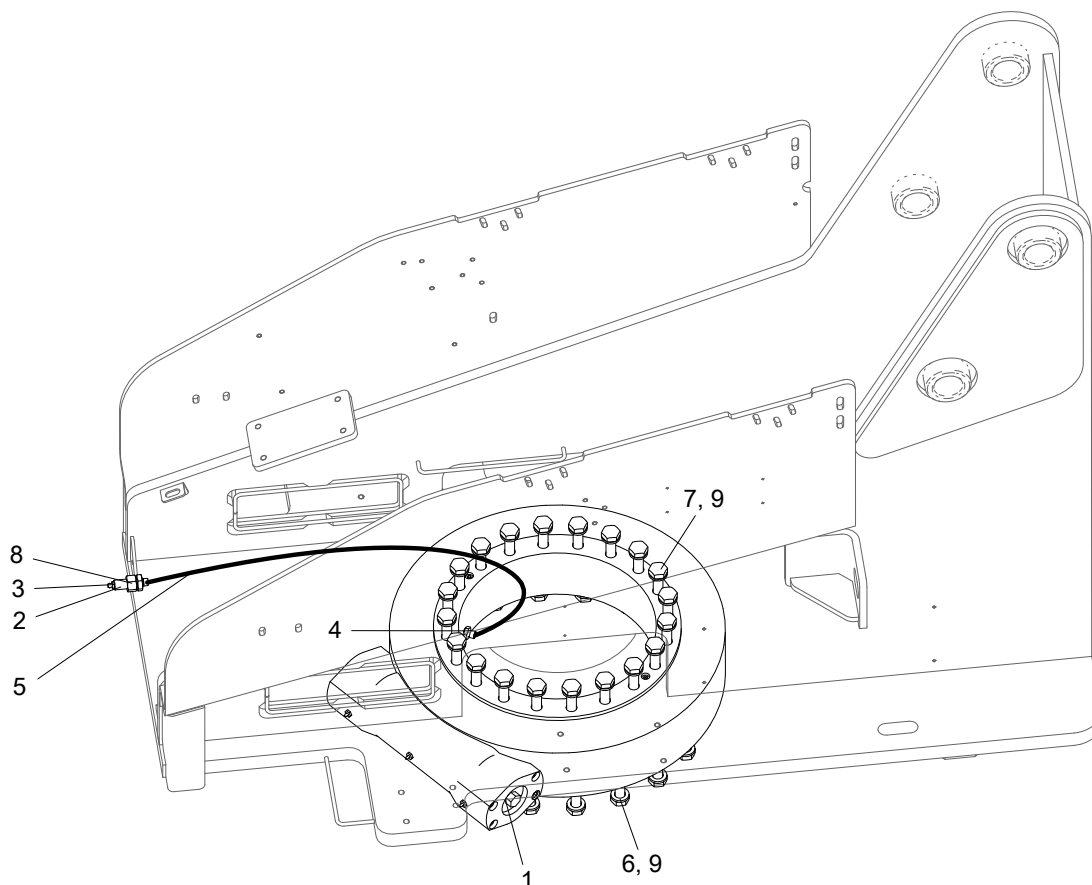
2 TURNTABLE ASSEMBLY

2.1 TURNTABLE ASSEMBLY



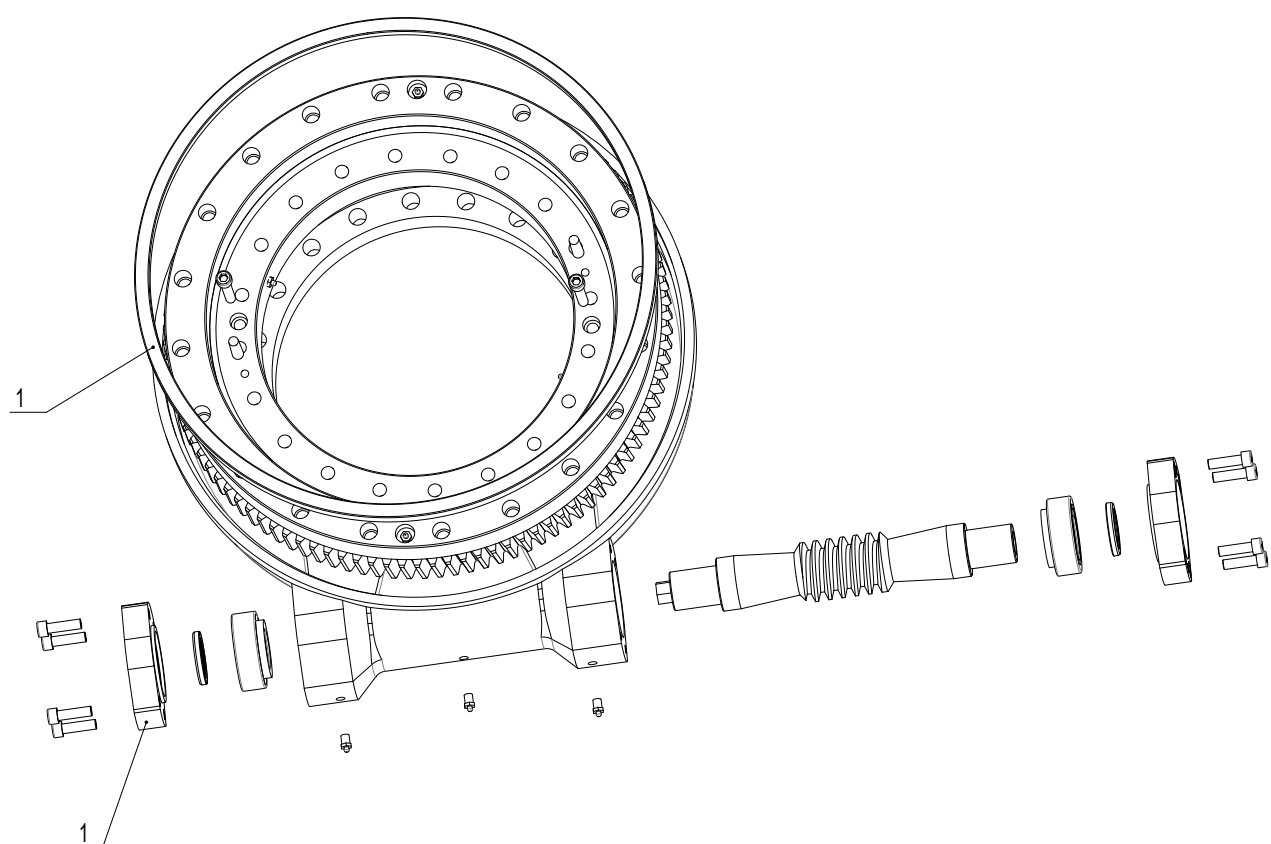
No.	Part No.	Qty.	Description
1	103007020003	1	Turntable Hoods Installation
2	103007020006	1	Counterweight Installation
3	103014020004	1	Accessories installation
4	103014020006	1	Weldment, turbttable
5	103014020011	1	Slewing mechanism

2.2 SLEWING MECHANISM



No.	Part No.	Qty.	Description
1	103011023072		OPT, reducer (slewing)
1-1	204020000015	1	Reducer, slewing(1000111 or 1000123)
1-2	204020000045	1	Reducer, slewing(1000875)
2	105001020225	1	Fitting
3	207010000003	1	Grease nipple M10×1 GB/T 1152
4	213010000060	1	Coupler
5	213050000088	1	Hose
6	215010000152	20	Bolt M16×100-10.9-DKL GB/T 1228
7	215010000154	20	Bolt M16×120-10.9-DKL GB/T 1228
8	215030000010	1	Nut M16-8-ZnD GB/T 6170
9	215040000052	40	Washer 16-DKL GB/T 1230
10	305140000001		Threadlocker, Lockite(Not shown)

2.3 SLEWING REDUCER (PN.204020000015)

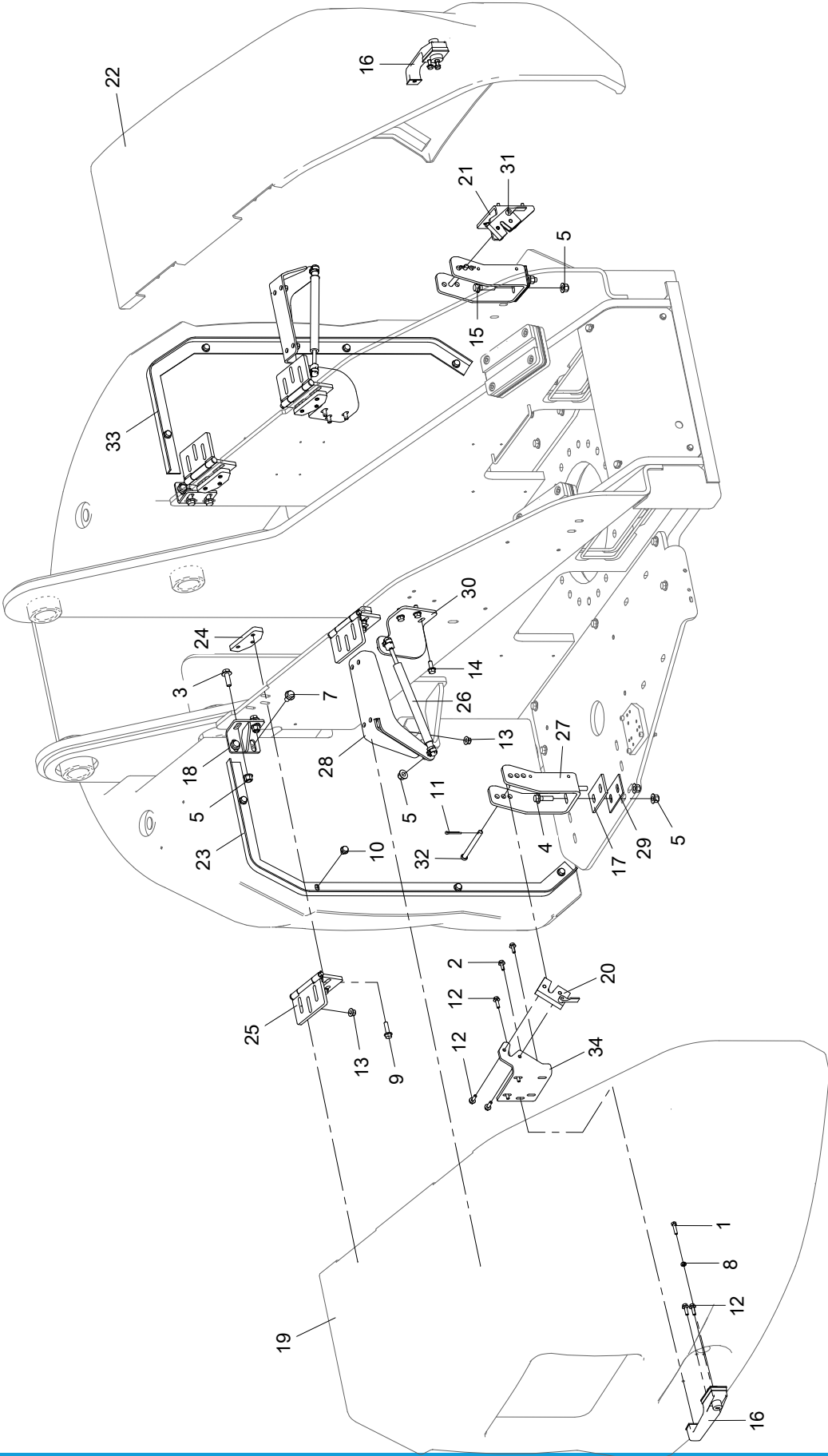


No.	Part No.	Qty.	Description
1	204120003016	1	Service kit, seal (slewing reducer)

2.4 SLEWING REDUCER (PN.204020000045)

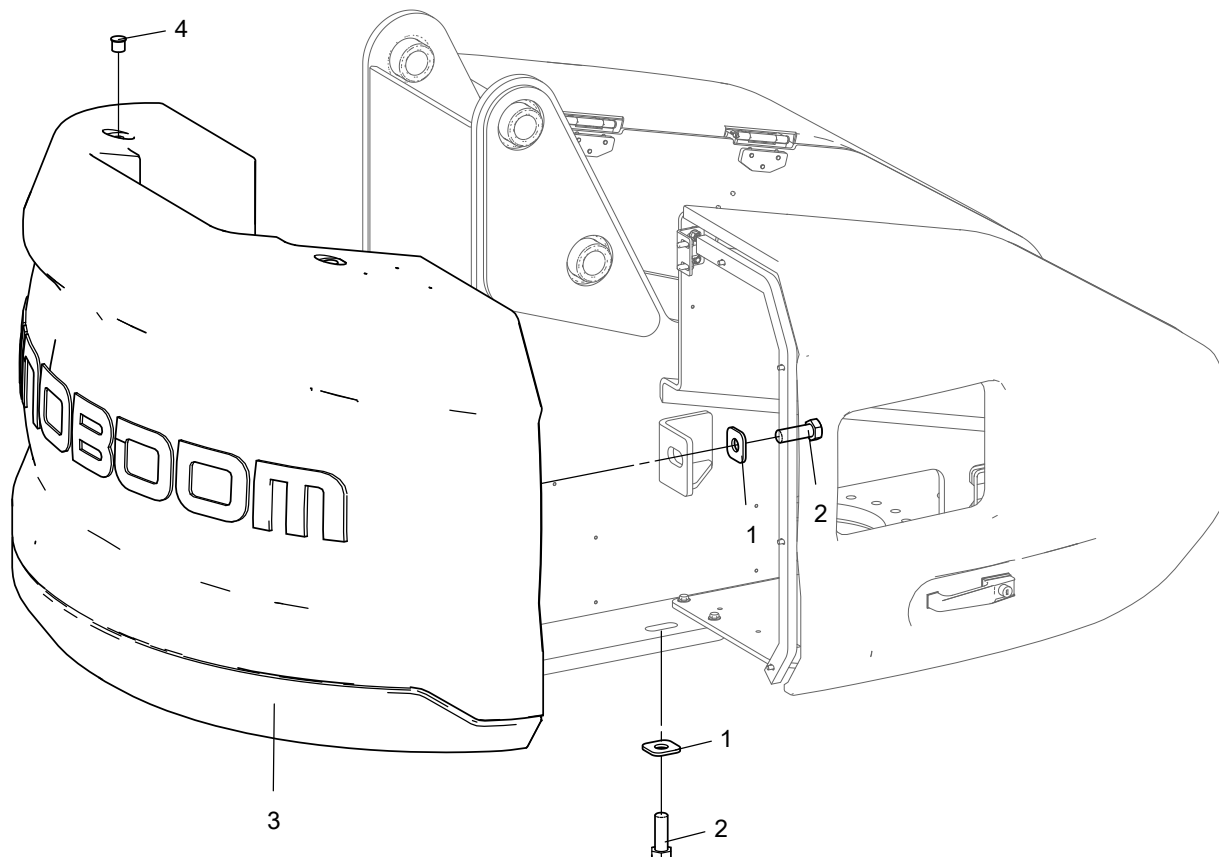
No.	Part No.	Qty.	Description
1	204120003017	1	Service kit, seal (slewing reducer)

2.5 TURNTABLE COVER INSTALLATION



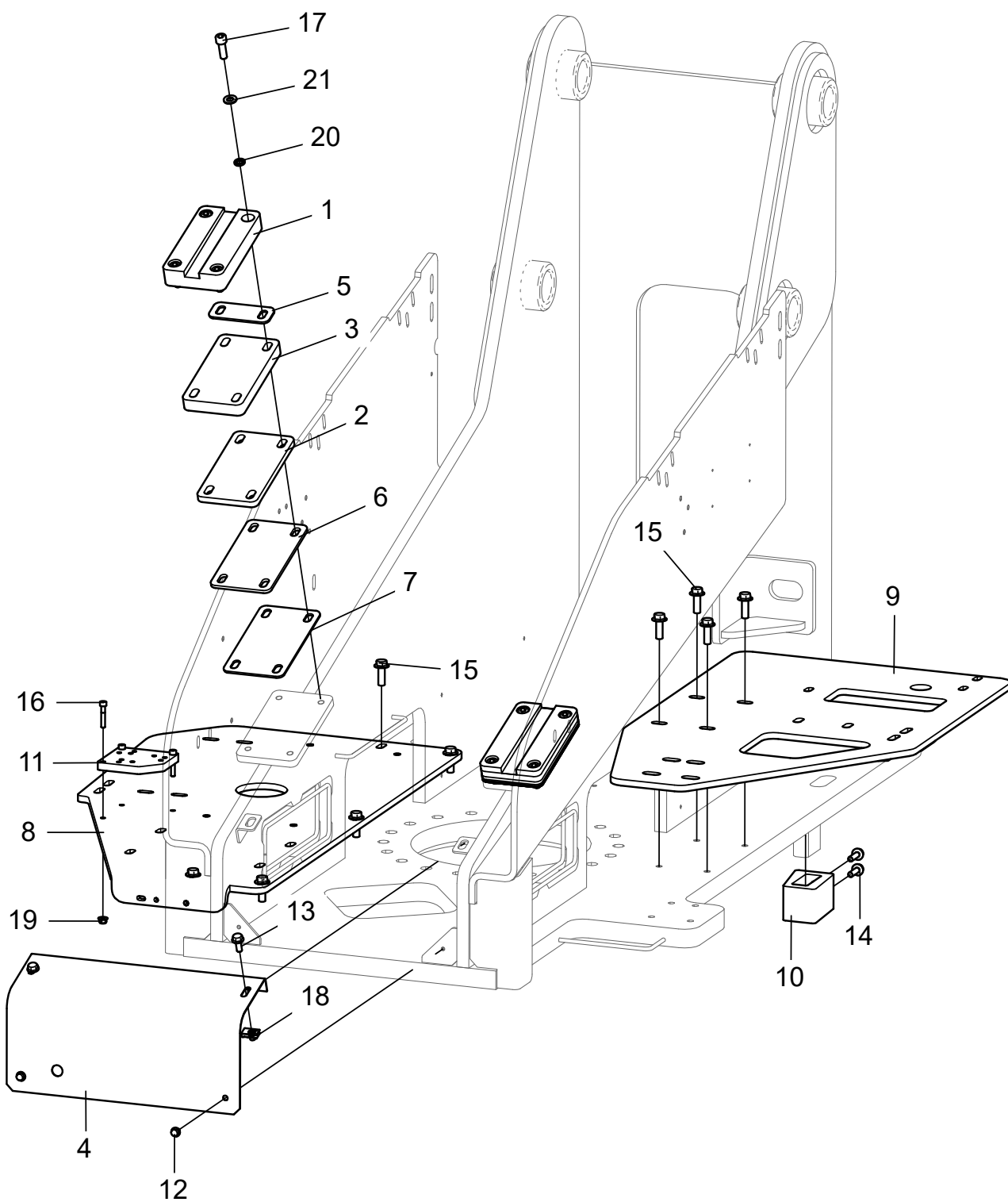
No.	Part No.	Qty.	Description
1	215010000052	2	Bolt M6×25-A2-70 GB/T 5783
2	215010000230	8	Bolt M6×16-8.8-ZnD GB/T 5789
3	215010000239	4	Bolt M10×30-8.8-ZnD GB/T 5789
4	215010000248	2	Bolt M10×35-8.8 ZnD GB/T 5789
5	215030000109	12	Nut M10-8-ZnD GB/T 6183.1
6	216030000004	1	Seal strip(Not shown)
7	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
8	215030000004	2	Nut M6-A2-70 GB/T 6170
9	215010000236	12	Bolt M8×30-8.8-ZnD GB/T 5789
10	215010000233	8	Bolt M8×12-8.8-ZnD GB/T 5789
11	215060000066	2	Pin 4×25-ZnD GB/T 91
12	215010000231	10	Bolt M6×20-8.8-ZnD GB/T 5789
13	215030000108	20	Nut M8-8-ZnD GB/T 6183.1
14	215010000234	6	Bolt M8×20-8.8-ZnD GB/T 5789
15	215010000240	2	Bolt M10×40-8.8-ZnD GB/T 5789
16	209030000009	2	Lock handle
17	103004020036	2	Adjusting pad
18	103003020029	2	Plate, connecting
19	103004020001	1	Turntable cover, LH
20	209050000003	1	Latch, left
21	104009020039	1	Bracket
22	103004020003	1	Turntable cover, RH
23	103004020034	1	Mount, left side
24	105021020162	4	Plate, mounting
25	105001020118	4	Hinge
26	210010000067	2	Gas strut
27	103004020032	2	Mount
28	103004020029	2	Bracket
29	103004020035	2	Adjusting pad
30	103004020028	2	Bracket
31	209050000002	1	Latch, right
32	105017020107	2	Clevis pin XJΦ10-115
33	103004020033	1	Mount, right side
34	103004020017	1	Bracket

2.6 COUNTERWEIGHT INSTALLATION



No.	Part No.	Qty.	Description
0	103007020003	1	Turntable Hoods Installation
0	103007020002	1	Turntable Shield Installation
1	105001020138	4	Pad
2	215010000164	4	Bolt M24×70-8.8-ZnD GB/T 5783
3	103004020002	1	Counterweight
4	213060003001	2	Hole plug

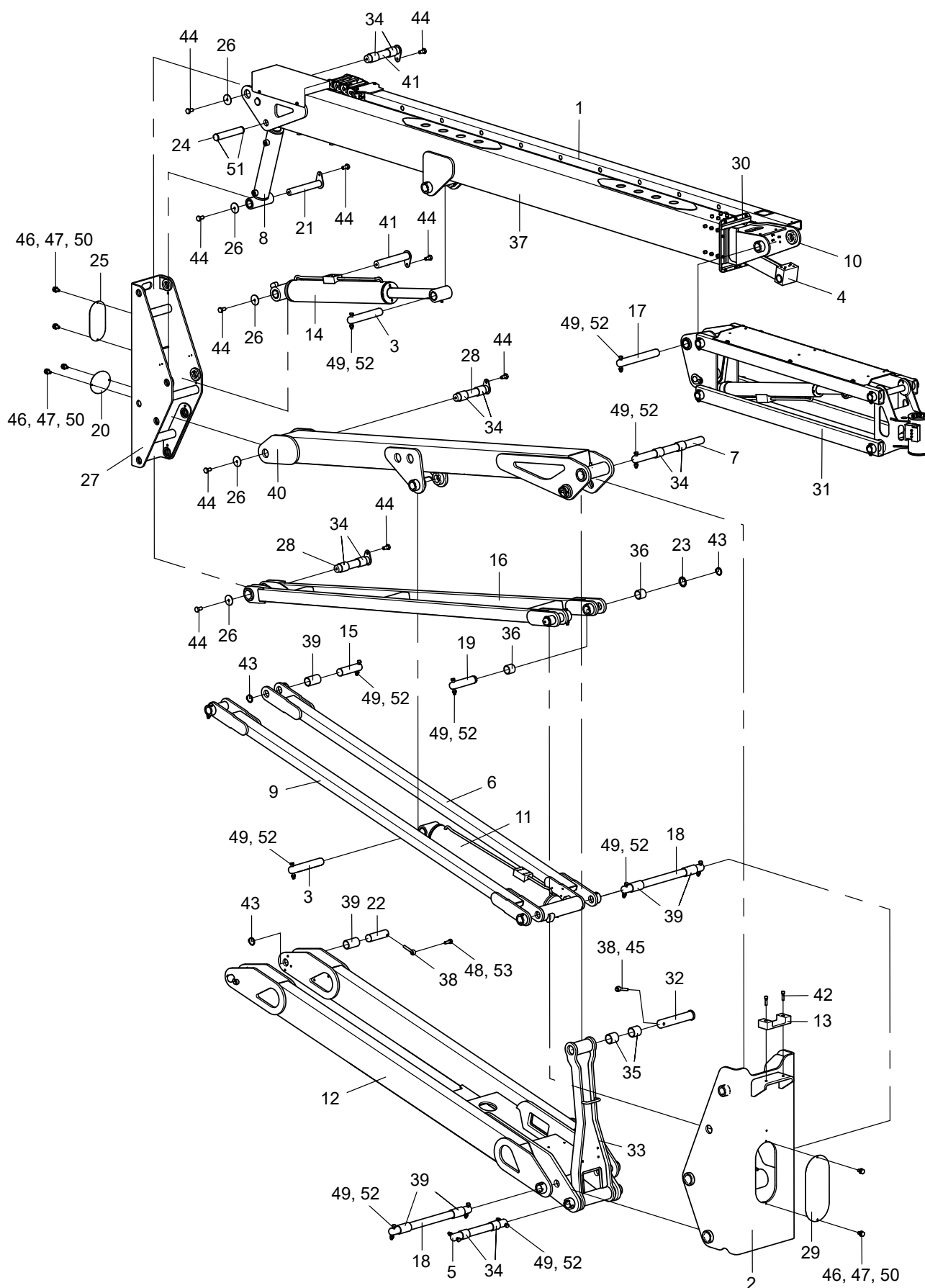
2.7 TURNTABLE ACCESSORY INSTALLATION



No.	Part No.	Qty.	Description
1	103003020025	2	Pad
2	103003020074	2	Gasket, adjusting
3	103003020075	2	Gasket, adjusting
4	103004020031	1	Cover
5	103006023012	2	Gasket, adjusting
6	103006033055	2	plate
7	103006033056	2	plate
8	103013020010	1	Bottom plate
9	103013020012	1	Bracket
10	104009020079	1	block
11	105074023184	1	Plate
12	215010000229	2	Bolt M6×10-8.8-ZnD GB/T 5789
13	215010000234	2	Bolt M8×20-8.8-ZnD GB/T 5789
14	215010000236	2	Bolt M8×30-8.8-ZnD GB/T 5789
15	215010000239	9	Bolt M10×30-8.8-ZnD GB/T 5789
16	215020000015	3	Screw M6×35-A2-70 GB/T 70.1
17	215020000050	8	Screw M10×30-8.8-ZnD GB/T 70.1
18	215030000106	2	B type spring nuts
19	215030000107	3	Nut M6-8-ZnD GB/T 6183.1
20	215040000006	8	Washer 10-ZnD GB/T 93
21	215040000035	8	Washer 10-200HV-ZnD GB/T 97.1

3 BOOM ASSEMBLY

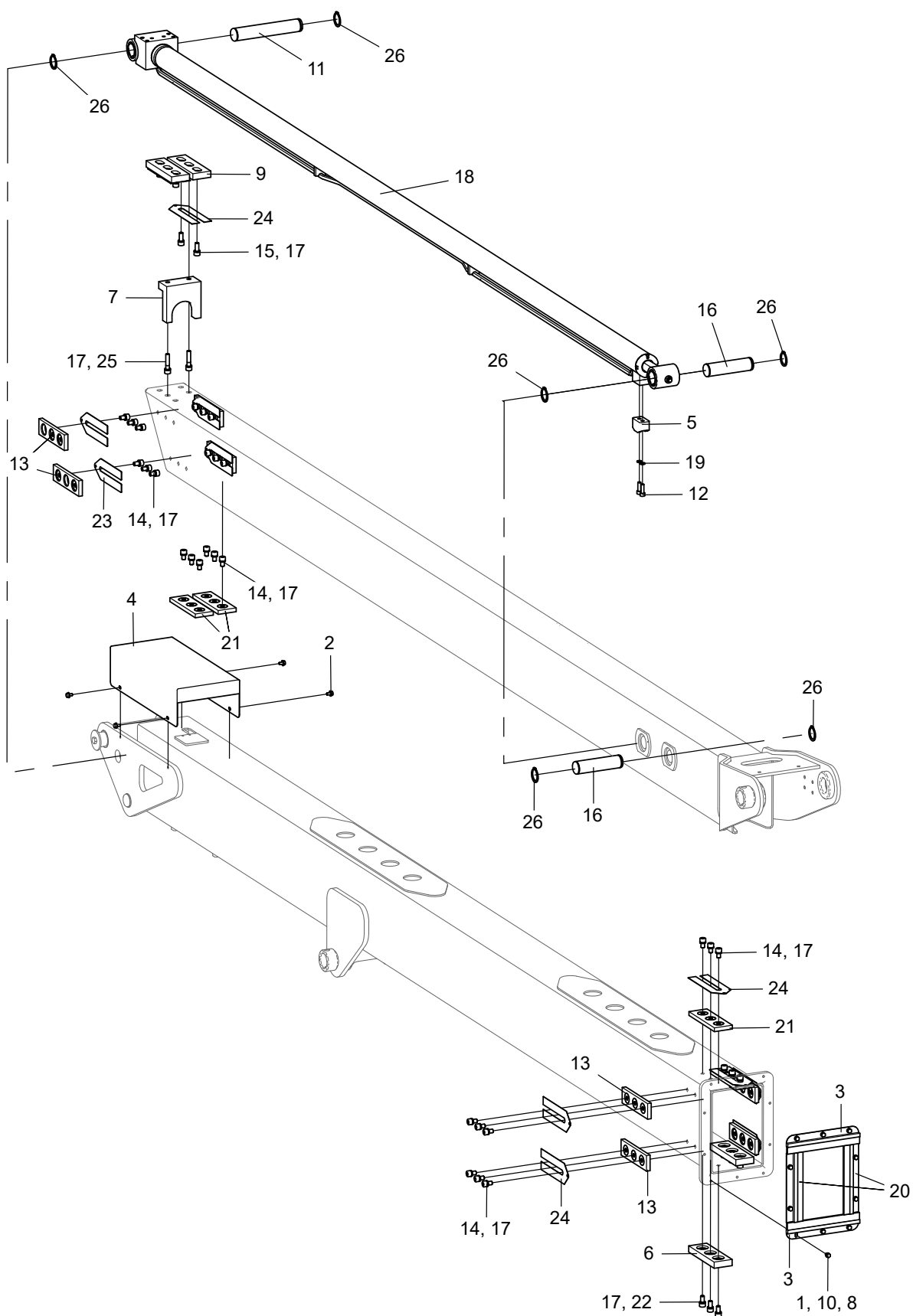
3.1 BOOM ASSEMBLY



No.	Part No.	Qty.	Description
1	103003050014	1	Cylinder, secondary boom(E)
1a-1	207990003365	1	Seal kit, cylinder(1000026)
1a-2	207990003572	1	Seal kit, cylinder(1000148)
1a-3	207990003587	1	Seal kit, cylinder(1000145)
1a-4	207990004002	1	Seal kit, cylinder(1000898)
2	103003050018	1	Cylinder, main lift(C)
2a-1	207990003367	1	Seal kit, cylinder(1000026)
2a-2	207990003223	1	Seal kit, cylinder(1000148)
2a-3	207990003589	1	Seal kit, cylinder(1000145)
2a-4	207990004003	1	Seal kit, cylinder(1000898)
3	103006010041	2	Shaft XGΦ40-240[Z]
4	103003050016	1	Level cylinder, upper(B)
4a-1	207990003923	1	Seal kit, cylinder(1000145)
4a-2	207990003935	1	Seal kit, cylinder(1000148)
4a-3	207990004004	1	Seal kit, cylinder(1000898)
5	103006010040	1	Shaft XGΦ40-405[Z]
6	103006010028	1	Link, lower, right side
7	103006010038	1	Shaft XGΦ40-525[Z]
8	103003050019	1	Cylinder, level (lower)(C)
8a	207990004009	1	Seal kit, cylinder
9	103006010044	1	Link, lower, left side
10	103007010001	1	Telescopic boom
11	103007010004	1	Cable track system
12	103006010009	1	Tower boom, lower
13	103006010019	1	Pad
14	103006010030	1	Upright, lower
15	103006010012	2	Pin XGΦ40-160
16	103006010036	1	Upper linkage
17	103006010020	1	ShaftXGΦ40-295
18	103006010042	2	Shaft XGΦ40-605[Z]
19	103006010029	2	Shaft XGΦ40-180[Z]
20	103003010059	1	Sealing plate
21	103003010076	1	Weldment shaft Φ35-234[Z]
22	103003010067	2	Shaft XGΦ40-142[Z]
23	103003010064	2	Shim
24	103003010061	1	Shaft XGΦ35-206[Z]
25	103003010060	1	Plate

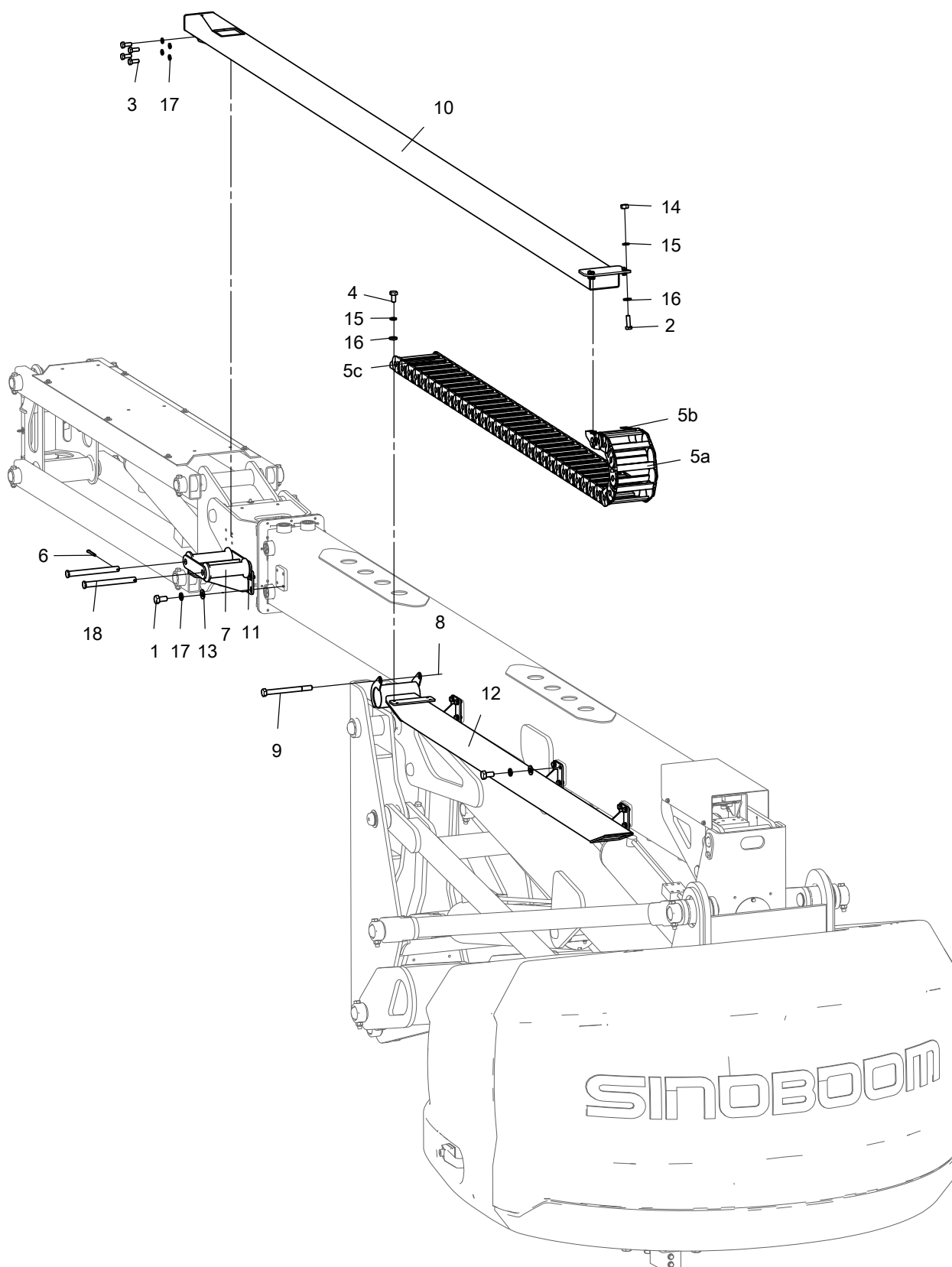
No.	Part No.	Qty.	Description
26	103003010062	5	Stop block
27	103003010046	1	Upper connecting bracket
28	103003010073	2	Weldment shaft $\Phi 40-234[Z]$
29	103003010058	1	Cover plate
30	103007010002	1	Telescopic boom installation
31	103003010137	1	Jib boom
32	103007010017	1	Shaft XJ $\Phi 45-245[Z]$
33	103007010014	1	Link
34	214030000054	10	Self-lubricating bearing
35	214030000027	2	Self-lubricating bushing 45×53×50
36	214030000053	4	Self-lubricating bearing
37	103007010005	1	Main boom
38	209020000002	3	Pin
39	214030000055	8	Self-lubricating bearing
40	103007010015	1	Tower boom, upper
41	103007013029	2	Weldment shaft $\Phi 40-234[Z]$
42	215020000053	2	Screw M10×40-8.8-ZnD GB/T 70.1
43	215040000097	6	Retaining ring 40-DKL JB/ZQ 4342
44	215010000068	10	Bolt M10×20-8.8-ZnD GB/T 5783
45	215010000238	1	Bolt M10×25-8.8-ZnD GB/T 5789
46	215040000004	6	Washer 6-A2-70 GB/T 93
47	215040000033	6	Washer 6-A2 GB/T 97.1
48	215010000071	2	Bolt M10×30-8.8-ZnD GB/T 5783
49	215010000015	14	Bolt M12×80-8.8-ZnD GB/T 5782
50	215010000049	6	Bolt M6×12-A2-70 GB/T 5783
51	215040000124	2	Retaining ring 35-DKL JB/ZQ 4342
52	215030000029	14	Nut M12-8-ZnD GB/T 6184
53	215040000006	2	Washer 10-ZnD GB/T 93

3.2 TELESCOPIC BOOM INSTALLATION



No.	Part No.	Qty.	Description
1	215040000004	10	Washer 6-A2-70 GB/T 93
2	215010000229	4	Bolt M6×10-8.8-ZnD GB/T 5789
3	103006010008	2	Brush, nylon
4	103006010002	1	Cover
5	103003010104	1	Wear pad
6	104008010105	2	Wear pad assembly
7	103003050015	1	Cylinder, telescope(B)
7a-1	207990003393	1	Seal kit, cylinder(1000026)
7a-2	207990003573	1	Seal kit, cylinder(1000148)
7a-3	207990003588	1	Seal kit, cylinder(1000145)
7a-4	207990004010	1	Seal kit, cylinder(1000898)
8	215010000049	10	Bolt M6×12-A2-70 GB/T 5783
9	103007013013	2	Wear pad assembly
10	215040000033	10	Washer 6-A2 GB/T 97.1
11	103003010061	1	Shaft XGΦ35-206[Z]
12	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
13	103006013021	8	Wear pad assembly
14	215020000047	36	Screw M10×16-8.8-ZnD GB/T 70.1
15	215020000049	4	Screw M10×25-8.8-ZnD GB/T 70.1
16	103006010032	2	Shaft XGΦ35-140[Z]
17	215040000006	48	Washer 10-ZnD GB/T 93
18	103006010007	1	Wear pad, nylon
19	215040000005	2	Washer 8-ZnD GB/T 93
20	103006010014	2	Brush, nylon
21	104009010108	4	Wear pad assembly
22	215020000048	6	Screw M10×20-8.8-ZnD GB/T 70.1
23	107001010178	4	Shim
24	104009010103	8	shim
25	215020000055	2	Screw M10×45-8.8-ZnD GB/T 70.1
26	215040000124	6	Retaining ring 35-DKL JB/ZQ 4342

3.3 CABLE TRACK SYSTEM



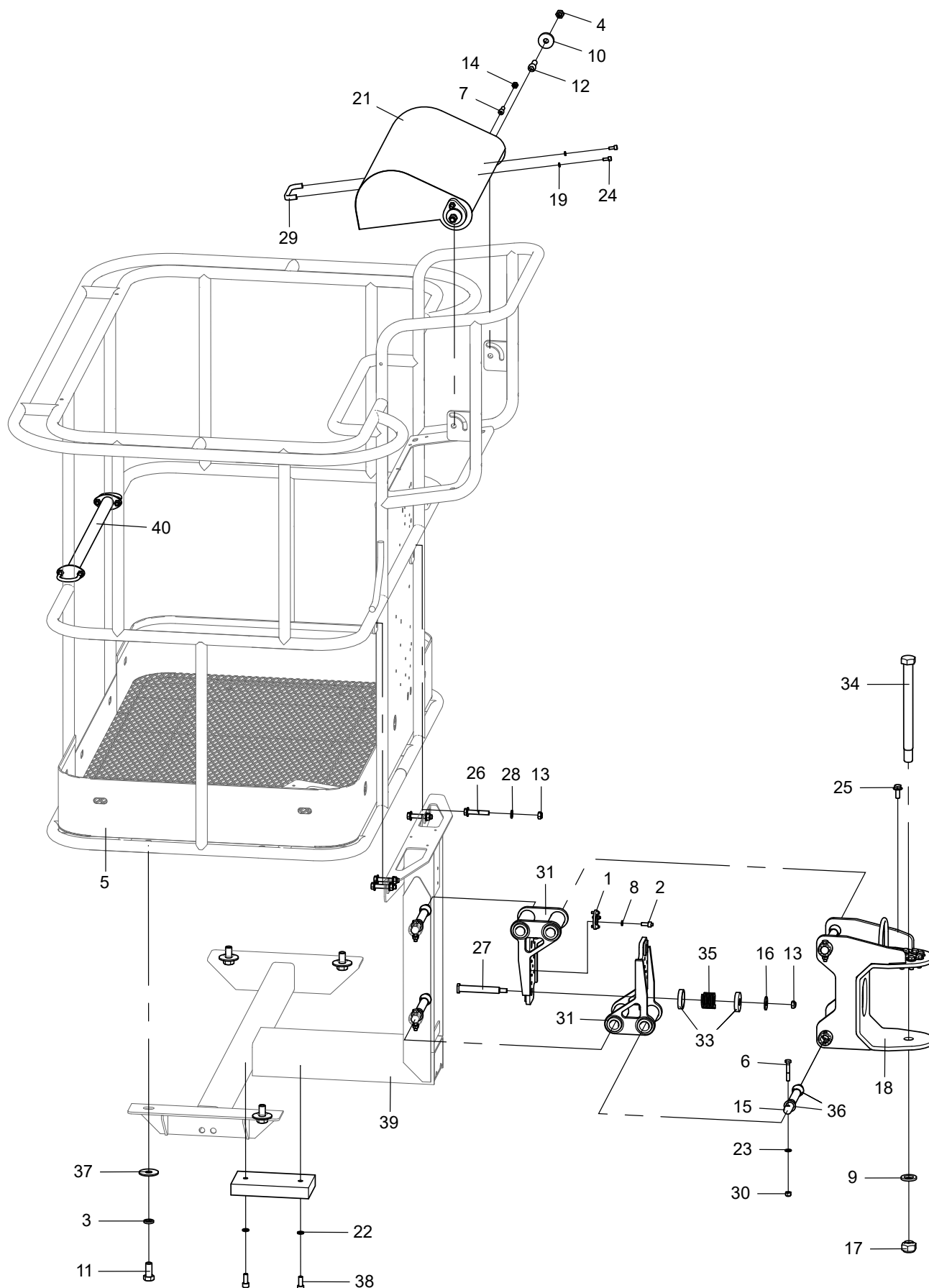
No.	Part No.	Qty.	Description
1	103003010124	2	Roller
2	103003010131	1	Bracket
3	103003010133	2	Pin, clevis
4	103007013035	1	Tube, push
5	103007013037	1	Tube, carrier
6	204190003441	1	Drag chain and joint
6a	204190003436	20	Drag chain
6b	204190003440	2	Joint
6c	204190003444	19	Drag chain
7	215010000223	1	Bolt M14×155-8.8-ZnD GB/T 5782
8	215010000233	16	Bolt M8×12-8.8-ZnD GB/T 5789
9	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
10	215020000008	4	Screw M5×20-A2-70 GB/T 70.1
11	215030000003	4	Nut M5-A2-70 GB/T 6170
12	215030000080	1	Nut M14-8-ZnD GB/T 6184
13	215040000032	4	Washer 5-A2 GB/T 97.1
14	215060000066	2	Pin 4×25-ZnD GB/T 91

This technical drawing is an exploded view of a mechanical assembly, likely a hydraulic cylinder or a similar actuator. The components are numbered 1 through 19. The main body (1) is a long, rectangular tube. At one end, there is a mounting bracket (2) with a flange (3) and a mounting eye (4). A piston rod (5) is shown extending from the main body, with a piston (6) at its end. The piston has a central rod (7) and a flange (8). A seal (9) is shown on the piston rod. A mounting bracket (10) is shown at the other end of the main body. A mounting eye (11) is shown on the main body. A mounting bracket (12) is shown at the other end of the main body. A mounting eye (13) is shown on the main body. A mounting bracket (14) is shown at the other end of the main body. A mounting eye (15) is shown on the main body. A mounting bracket (16) is shown at the other end of the main body. A mounting eye (17) is shown on the main body. A mounting bracket (18) is shown at the other end of the main body. A mounting eye (19) is shown on the main body.

No.	Part No.	Qty.	Description
1	103003010062	1	Stop block
2	103003010153	1	Conector
3	215040000004	6	Washer 6-A2-70 GB/T 93
4	215030000027	8	Nut M10-8-ZnD GB/T 6184
5	103003010145	1	Weldment shaft $\Phi 35$ -169[Z]
6	215010000010	8	Bolt M10 $\times$ 60-8.8-ZnD GB/T 5782
7	103003050017	1	Cylinder, jib(D)
7a-1	207990003366	1	Seal kit, cylinder(1000026)
7a-2	207990003574	1	Seal kit, cylinder(1000148)
7a-3	207990004001	1	Seal kit, cylinder(1000898)
8	202020000026	1	Swing cylinder
8a	207990003197	1	Seal kit, cylinde
9	103006013044	4	Linkage
10	103003010141	1	Cover
11	215040000129	6	Washer 6-100HV-ZnD GB/T 5287
12	103003010152	2	Shaft XG $\Phi 32$ -368[Z]
13	207010000003	1	Grease nipple M10 $\times$ 1 GB/T 1152
14	215040000006	1	Washer 10-ZnD GB/T 93
15	214030003019	4	Self-lubricating bushing
16	215010000049	6	Bolt M6 $\times$ 12-A2-70 GB/T 5783
17	215010000068	2	Bolt M10 $\times$ 20-8.8-ZnD GB/T 5783
18	103003010154	2	Pin XG $\Phi 32$ -358
19	214030000054	2	Self-lubricating bearing

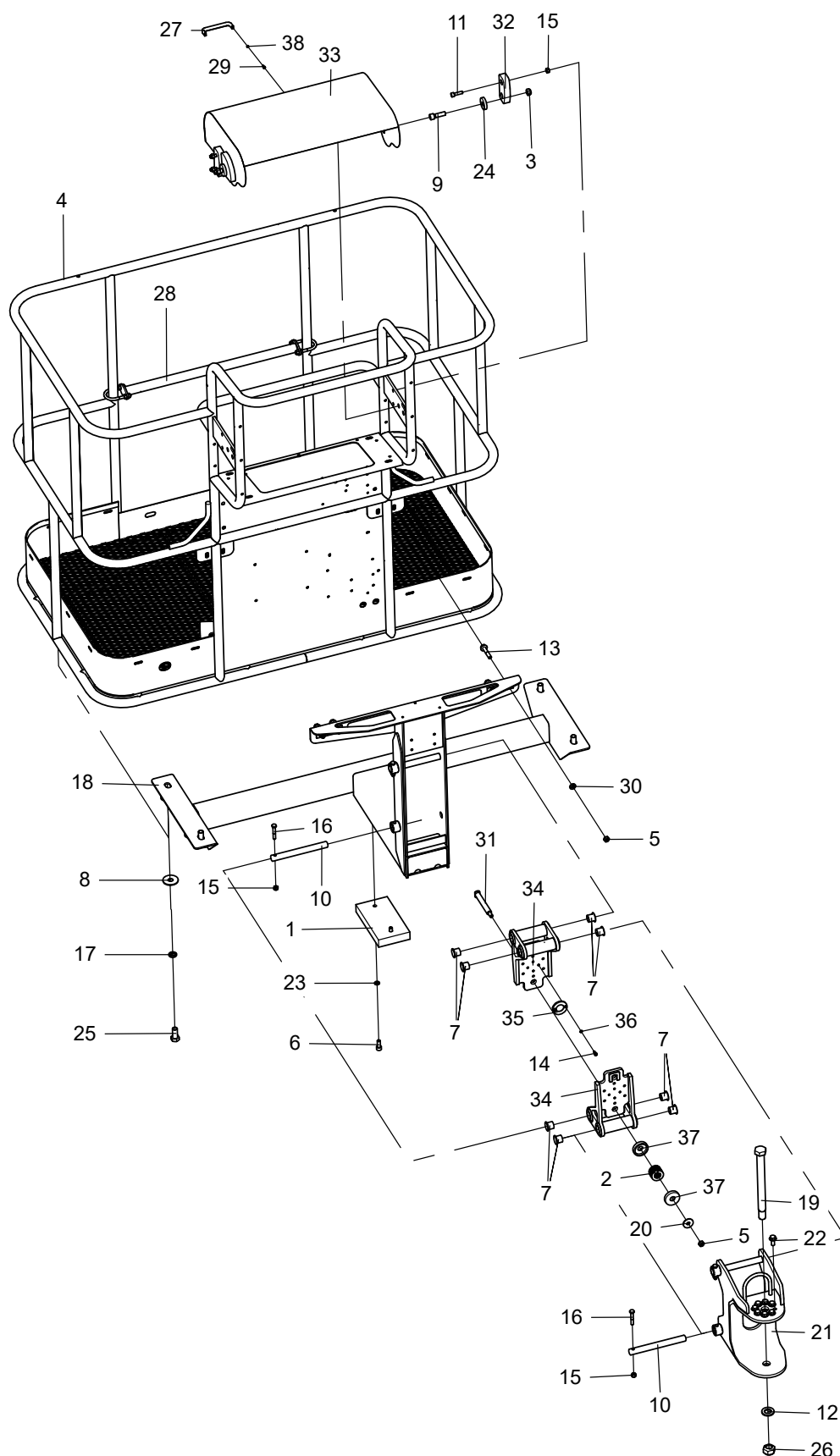
4 PLATFORM ASSEMBLY

4.1 1.45×0.85M (57×33.5IN) PLATFORM ASSEMBLY



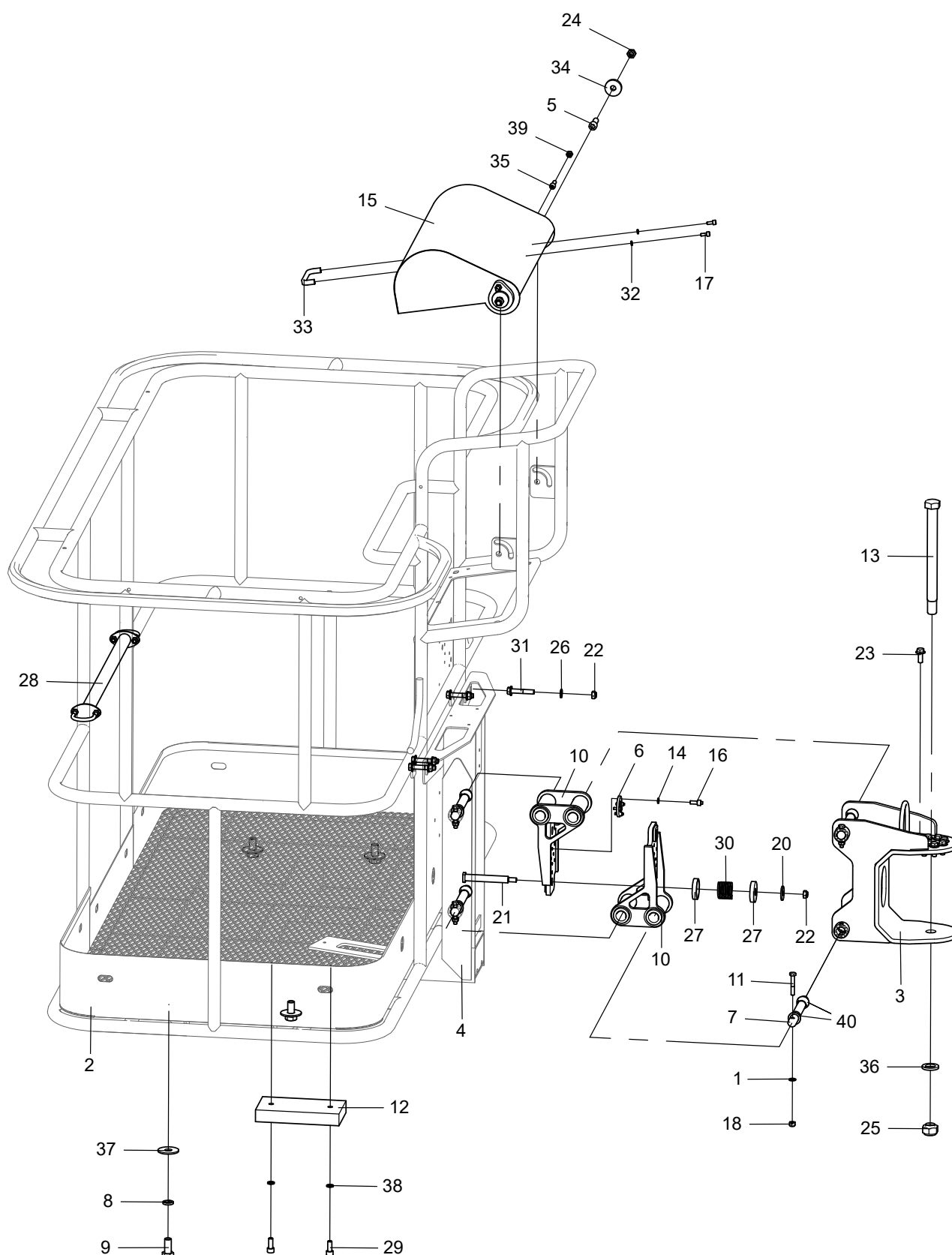
No.	Part No.	Qty.	Description
1	103006060038	1	Plate
2	215020000006	4	Screw M5×12-A2-70 GB/T 70.1
3	215040000008	4	Washer 16-ZnD GB/T 93
4	215030000029	2	Nut M12-8-ZnD GB/T 6184
5	105001040039	1	Platform
6	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
7	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
8	215040000003	4	Washer 5-A2-70 GB/T 93
9	215040000108	1	Washer 22-DKL GB/T 1230
10	105001040055	2	Plate
11	215010000109	4	Bolt M16×35-8.8-ZnD GB/T 5783
12	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
13	215030000027	5	Nut M10-8-ZnD GB/T 6184
14	215030000005	2	Nut M8-8-ZnD-GB/T 6170
15	105001040034	4	Shaft
16	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
17	215030000104	1	Nut M22-8-ZnD GB/T 899.1
18	105001040020	1	Bracket
19	215040000002	2	Washer 4-A2-70 GB/T 93
20	105001040006	1	Pad
21	105001040029	1	Dust cover
22	215040000006	2	Washer 10-ZnD GB/T 93
23	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
24	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
25	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
26	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
27	105029013067	1	Special screw
28	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
29	209030000001	1	Handle, C.C.96mm
30	215030000026	4	Nut M8-8-ZnD GB/T889.1
31	105029013046	2	Load support
32	305140000001	1	Threadlocker, Loctite(Not shown)
33	105029013045	2	Retaining ring
34	105001040032	1	Bolt, swing motor
35	210110000001	1	Compression spring
36	214080000001	8	Bearing 20×23×21.5 SF-1F
37	215040000020	4	Washer 16-200HV-ZnD GB/T 96.1
38	215020000049	2	Screw M10×25-8.8-ZnD GB/T 70.1
39	105001040002	1	Bracket
40	105064043183	1	Door lever assembly

4.2 1.45×0.85M (57×33.5IN) PLATFORM ASSEMBLY - WITH HALF-HEIGHT MESH DEVICE



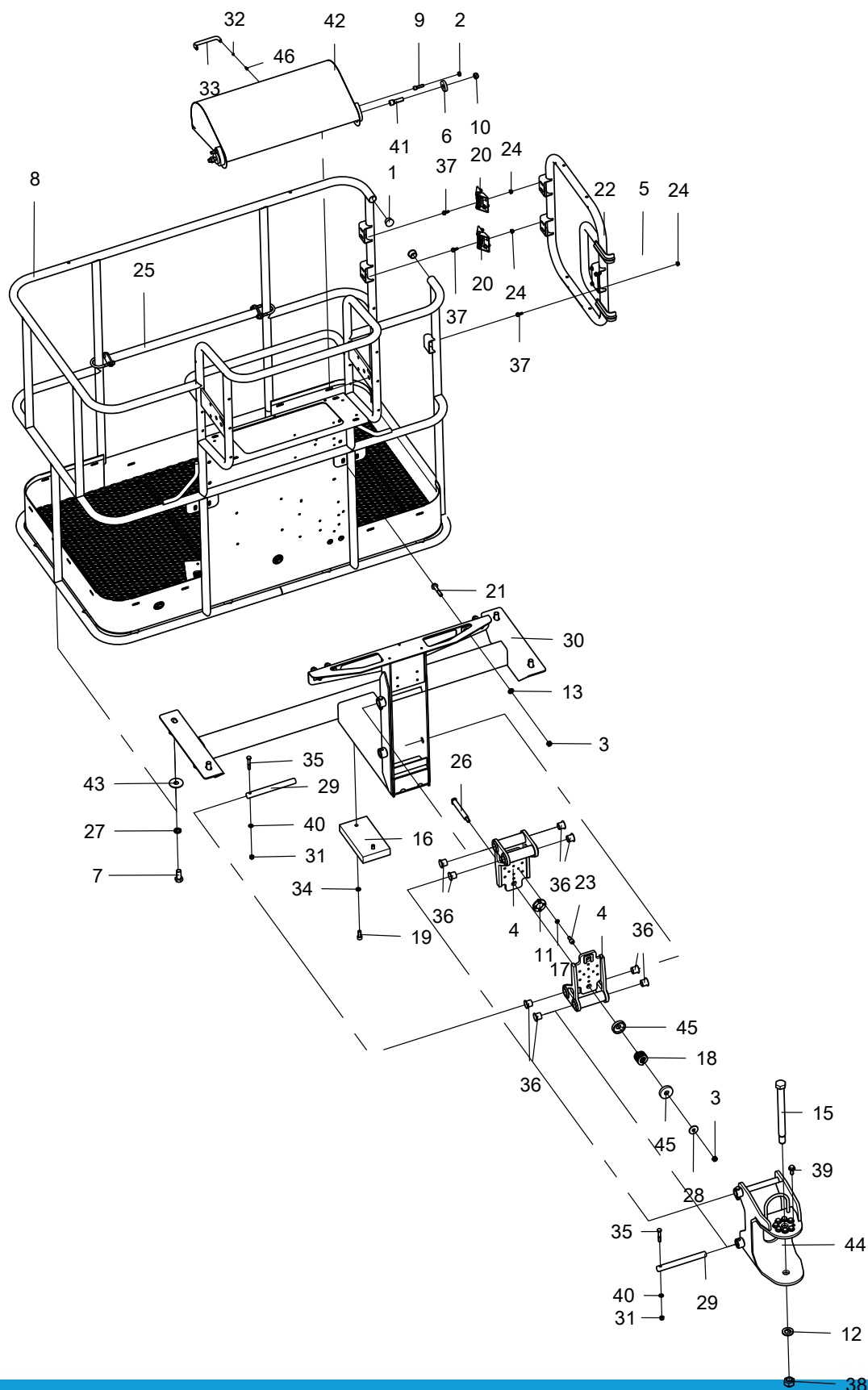
No.	Part No.	Qty.	Description
1	105001040006	1	Pad
2	210110000001	1	Compression spring
3	215030000029	2	Nut M12-8-ZnD GB/T 6184
4	105068043044	1	Platform
5	215030000027	5	Nut M10-8-ZnD GB/T 6184
6	215020000049	2	Screw M10×25-8.8-ZnD GB/T 70.1
7	214080000001	8	Bearing 20×23×21.5 SF-1F
8	215040000020	4	Washer 16-200HV-ZnD GB/T 96.1
9	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
10	105001040034	4	Shaft
11	215020000025	4	Screw M8×30-8.8-ZnD GB/T 70.1
12	215040000108	1	Washer 22-DKL GB/T 1230
13	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
14	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
15	215030000026	8	Nut M8-8-ZnD GB/T889.1
16	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
17	215040000008	4	Washer 16-ZnD GB/T 93
18	105001040002	1	Bracket
19	105001040032	1	Bolt, swing motor
20	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
21	105001040020	1	Bracket
22	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
23	215040000006	2	Washer 10-ZnD GB/T 93
24	105001040055	2	Plate
25	215010000109	4	Bolt M16×35-8.8-ZnD GB/T 5783
26	215030000104	1	Nut M22-8-ZnD GB/T 899.1
27	209030000001	1	Handle, C.C.96mm
28	105064043183	1	Door lever assembly
29	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
30	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
31	105029013067	1	Special screw
32	105068043027	2	Stop block
33	105068043022	1	Dust cover
34	105029013046	2	Load support
35	103006060038	1	Plate
36	215040000003	2	Washer 5-A2-70 GB/T 93
37	105029013045	2	Retaining ring
38	215040000002	2	Washer 4-A2-70 GB/T 93

4.3 1.83×0.85M (72×33.5IN) PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
2	105021040007	1	Platform
3	105001040020	1	Bracket
4	105001040002	1	Bracket
5	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
6	103006060038	1	Plate
7	105001040034	4	Shaft
8	215040000008	4	Washer 16-ZnD GB/T 93
9	215010000109	4	Bolt M16×35-8.8-ZnD GB/T 5783
10	105029013046	2	Load support
11	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
12	105001040006	1	Pad
13	105001040032	1	Bolt, swing motor
14	215040000003	4	Washer 5-A2-70 GB/T 93
15	105001040029	1	Dust cover
16	215020000006	4	Screw M5×12-A2-70 GB/T 70.1
17	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
18	215030000026	4	Nut M8-8-ZnD GB/T889.1
19	305140000001	1	Threadlocker, Loctite(Not shown)
20	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
21	105029013067	1	Special screw
22	215030000027	5	Nut M10-8-ZnD GB/T 6184
23	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
24	215030000029	2	Nut M12-8-ZnD GB/T 6184
25	215030000104	1	Nut M22-8-ZnD GB/T 899.1
26	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
27	105029013045	2	Retaining ring
28	105064043183	1	Door lever assembly
29	215020000049	2	Screw M10×25-8.8-ZnD GB/T 70.1
30	210110000001	1	Compression spring
31	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
32	215040000002	2	Washer 4-A2-70 GB/T 93
33	209030000001	1	Handle, C.C.96mm
34	105001040055	2	Plate
35	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
36	215040000108	1	Washer 22-DKL GB/T 1230
37	215040000020	4	Washer 16-200HV-ZnD GB/T 96.1
38	215040000006	2	Washer 10-ZnD GB/T 93
39	215030000005	2	Nut M8-8-ZnD-GB/T 6170
40	214080000001	8	Bearing 20×23×21.5 SF-1F

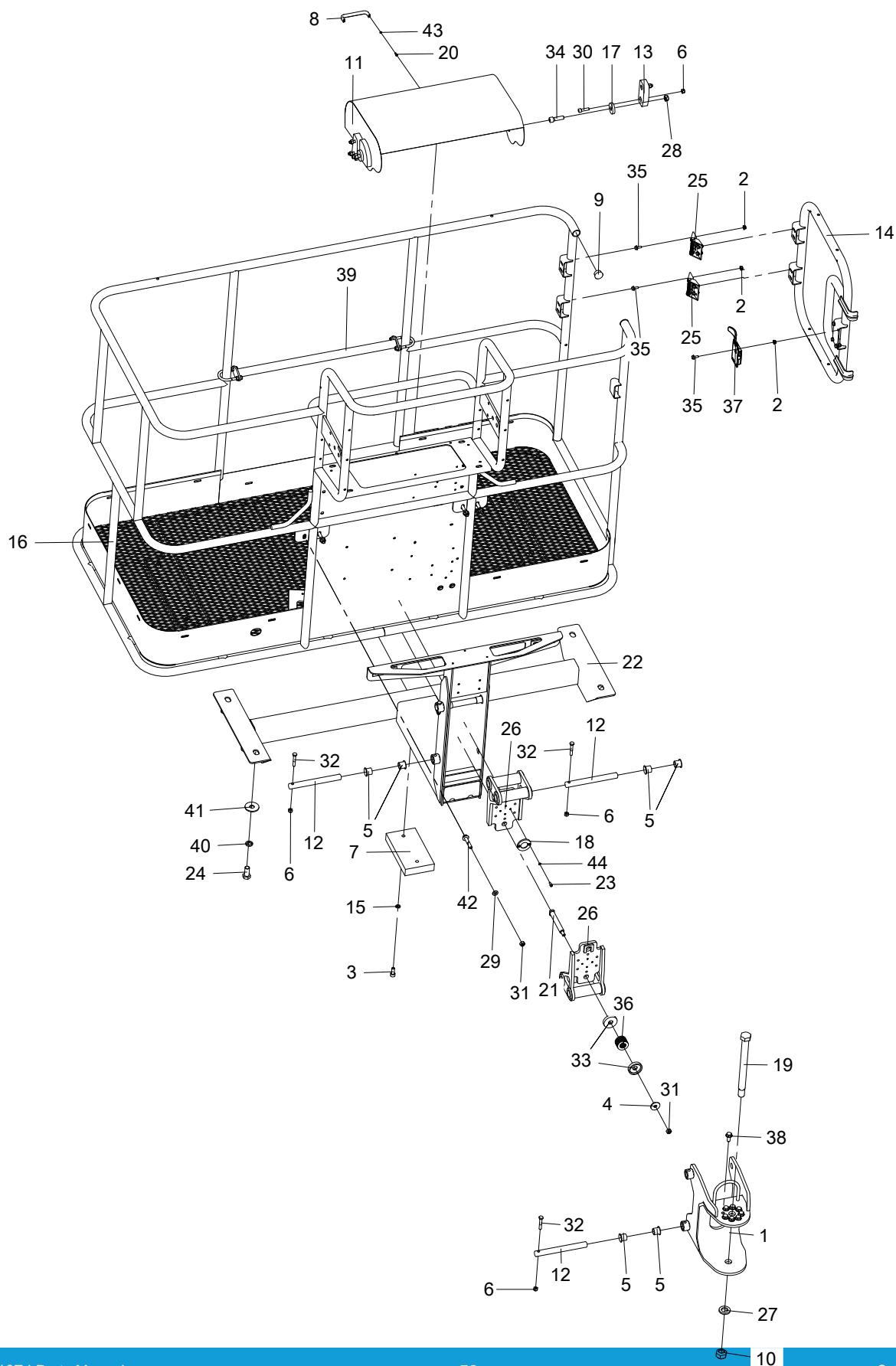
4.4 1.45×0.85M (57×33.5IN) PLATFORM ASSEMBLY - WITH SWING GATE



No.	Part No.	Qty.	Description
1	105064043177	2	Tube cap
2	215030000005	2	Nut M8-8-ZnD-GB/T 6170
3	215030000027	5	Nut M10-8-ZnD GB/T 6184
4	105029013046	2	Load support
5	209050003006	1	Lock
6	105001040055	2	Plate
7	215010000109	4	Bolt M16×35-8.8-ZnD GB/T 5783
8	103014040007	1	Platform
9	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
10	215030000029	2	Nut M12-8-ZnD GB/T 6184
11	103006060038	1	Plate
12	215040000108	1	Washer 22-DKL GB/T 1230
13	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
14	305140000001	1	Threadlocker, Locktite(Not shown)
15	105001040032	1	Bolt, swing motor
16	105001040006	1	Pad
17	215040000003	4	Washer 5-A2-70 GB/T 93
18	210110000001	1	Compression spring
19	215020000049	2	Screw M10×25-8.8-ZnD GB/T 70.1
20	209050003009	2	Hinge
21	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
22	105068043015	1	Side door
23	215020000006	4	Screw M5×12-A2-70 GB/T 70.1
24	215030000107	12	Nut M6-8-ZnD GB/T 6183.1
25	105064043183	1	Door lever assembly
26	105029013067	1	Special screw
27	215040000008	4	Washer 16-ZnD GB/T 93
28	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
29	105001040034	4	Shaft
30	105001040002	1	Bracket
31	215030000026	4	Nut M8-8-ZnD GB/T889.1
32	215040000002	2	Washer 4-A2-70 GB/T 93
33	209030000001	1	Handle, C.C.96mm
34	215040000006	2	Washer 10-ZnD GB/T 93
35	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
36	214080000001	8	Bearing 20×23×21.5 SF-1F
37	215010000230	12	Bolt M6×16-8.8-ZnD GB/T 5789
38	215030000104	1	Nut M22-8-ZnD GB/T 899.1
39	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789

No.	Part No.	Qty.	Description
40	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
41	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
42	105001040029	1	Dust cover
43	215040000020	4	Washer 16-200HV-ZnD GB/T 96.1
44	105001040020	1	Bracket
45	105029013045	2	Retaining ring
46	215020000001	2	Screw M4×10-A2-70 GB/T 70.1

4.5 1.83×0.85M (72×33.5IN) PLATFORM ASSEMBLY - WITH SWING GATE



No.	Part No.	Qty.	Description
1	105001040020	1	Bracket
2	215030000107	12	Nut M6-8-ZnD GB/T 6183.1
3	215020000049	2	Screw M10×25-8.8-ZnD GB/T 70.1
4	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
5	214080000001	8	Bearing 20×23×21.5 SF-1F
6	215030000026	8	Nut M8-8-ZnD GB/T889.1
7	105001040006	1	Pad
8	209030000001	1	Handle, C.C.96mm
9	105064043177	2	Tube cap
10	215030000104	1	Nut M22-8-ZnD GB/T 899.1
11	105068043022	1	Dust cover
12	105001040034	4	Shaft
13	105068043027	2	Stop block
14	105068043015	1	Side door
15	215040000006	2	Washer 10-ZnD GB/T 93
16	105068043026	1	Platform
17	105001040055	2	Plate
18	103006060038	1	Plate
19	105001040032	1	Bolt, swing motor
20	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
21	105029013067	1	Special screw
22	105001040002	1	Bracket
23	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
24	215010000109	4	Bolt M16×35-8.8-ZnD GB/T 5783
25	209050003009	2	Hinge
26	105029013046	2	Load support
27	215040000108	1	Washer 22-DKL GB/T 1230
28	215030000029	2	Nut M12-8-ZnD GB/T 6184
29	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
30	215020000025	4	Screw M8×30-8.8-ZnD GB/T 70.1
31	215030000027	5	Nut M10-8-ZnD GB/T 6184
32	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
33	105029013045	2	Retaining ring
34	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
35	215010000230	12	Bolt M6×16-8.8-ZnD GB/T 5789
36	210110000001	1	Compression spring
37	209050003006	1	Lock
38	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
39	105064043183	1	Door lever assembly

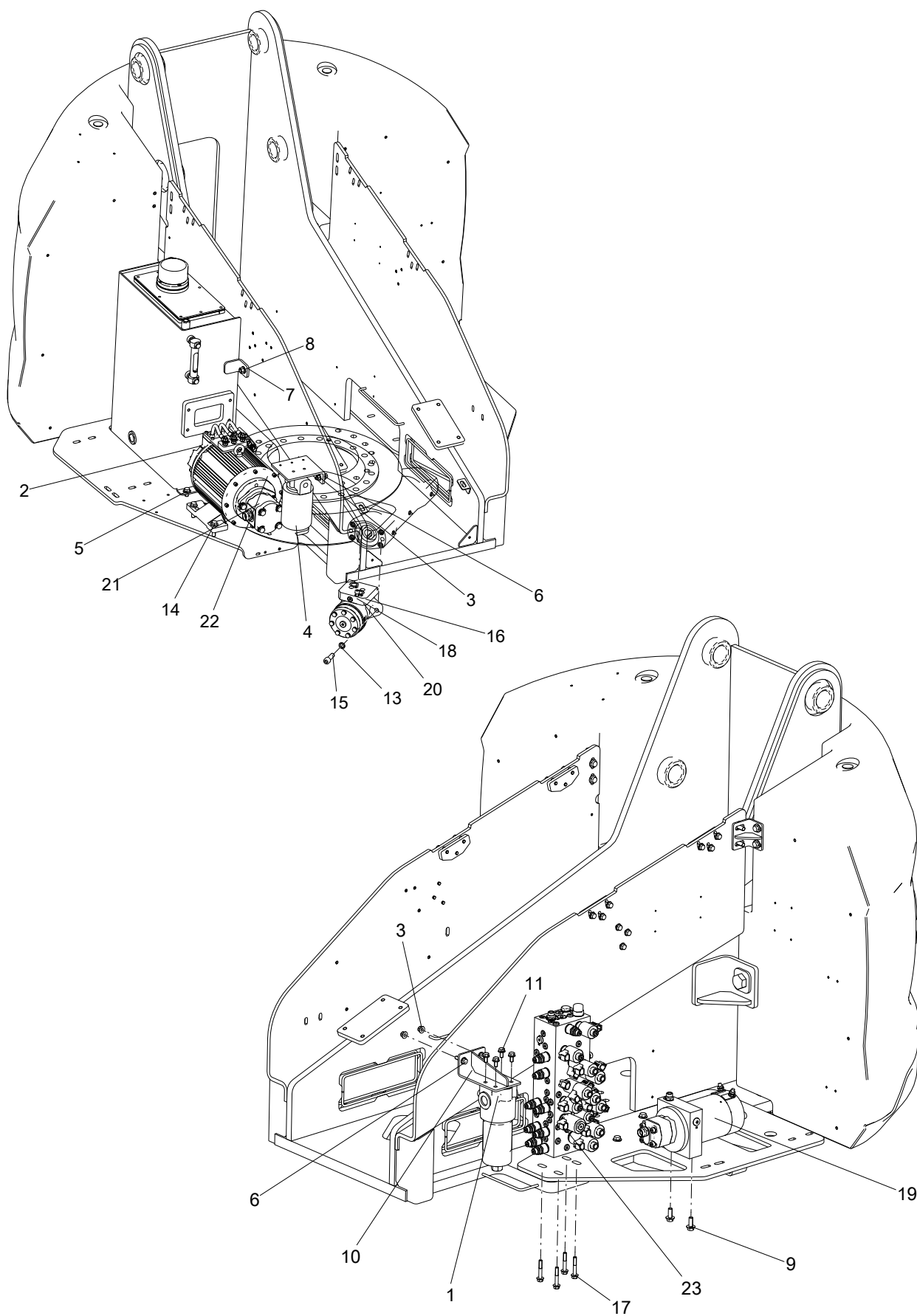
No.	Part No.	Qty.	Description
40	215040000008	4	Washer 16-ZnD GB/T 93
41	215040000020	4	Washer 16-200HV-ZnD GB/T 96.1
42	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
43	215040000002	2	Washer 4-A2-70 GB/T 93
44	215040000003	2	Washer 5-A2-70 GB/T 93

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5 HYDRAULIC SYSTEM

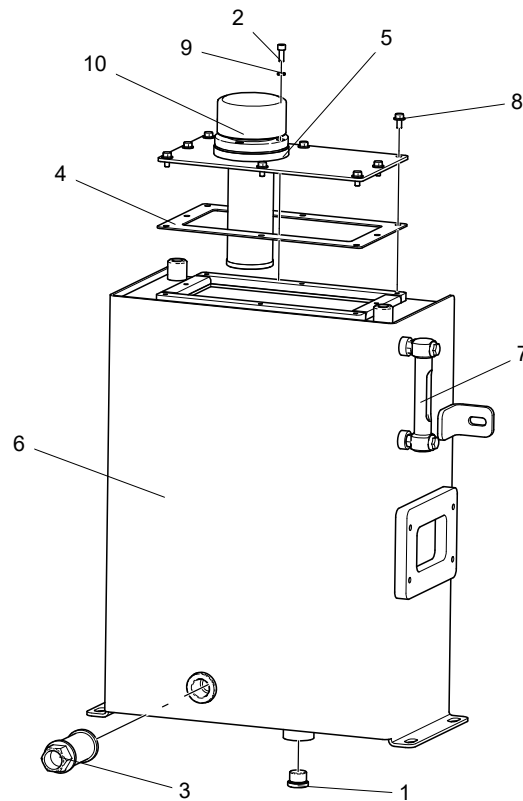
5.1 TURNTABLE HYDRAULIC SYSTEM

5.1.1 TURNTABLE HYDRAULIC COMPONENTS INSTALLATION



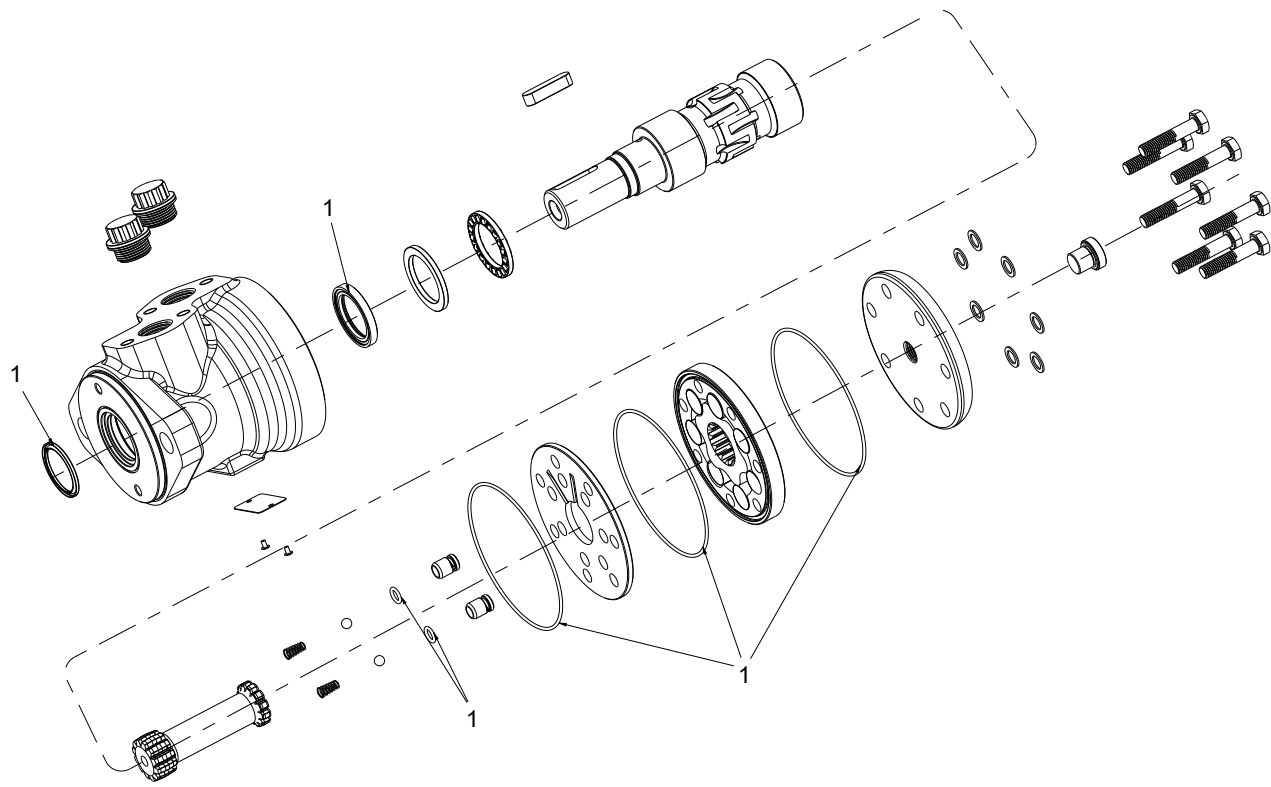
No.	Part No.	Qty.	Description
1	105044053006		High pressure filter options
1-1	202080000046	1	High pressure filter(1000060)
1-2	202080003017	1	High pressure filter(1000181)
2	103004050012	1	Hydraulic tank assembly(See HYDRAULIC TANK ASSEMBLY for breakdown)
3	215030000108	4	Nut M8-8-ZnD GB/T 6183.1
4	202080000001	1	Filter
4a	202080000024	1	Filter element, spin-on type
5	215010000245	4	Bolt M10×16-8.8-ZnD GB/T 5789
6	215010000236	4	Bolt M8×30-8.8-ZnD GB/T 5789
7	215010000239	1	Bolt M10×30-8.8-ZnD GB/T 5789
8	215030000109	3	Nut M10-8-ZnD GB/T 6183.1
9	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
10	103007023002	1	Bracket, filter
11	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
12	215010000281	2	Bolt M6×12-8.8-ZnD GB/T 5789
13	215040000007	2	Washer 12-ZnD GB/T 93
14	215010000269	4	Bolt M10×40-10.9-DKL GB/T 5789
15	215020000076	2	Screw M12×35-8.8-ZnD GB/T 70.1
16	202990003005	1	Slewing transition block
17	215010000287	4	Bolt M8×50-8.8-ZnD GB/T 5789
18	215020000023	4	Screw M8×20-8.8-ZnD GB/T 70.1
19	103013050006	1	Emergency power unit & fittings installation
20	103011053176		Cycloid motor options
20-1	202020000014	1	Cycloid motor(1000035)
20-2	202020003090	1	Cycloid motor(1000107)
21	103013050003	1	ASSY, power unit
22	103013050008	1	Bend plate
23	103013050005	1	Boom function manifold & fittings installation

5.1.2 HYDRAULIC TANK ASSEMBLY (PN.103004050012)



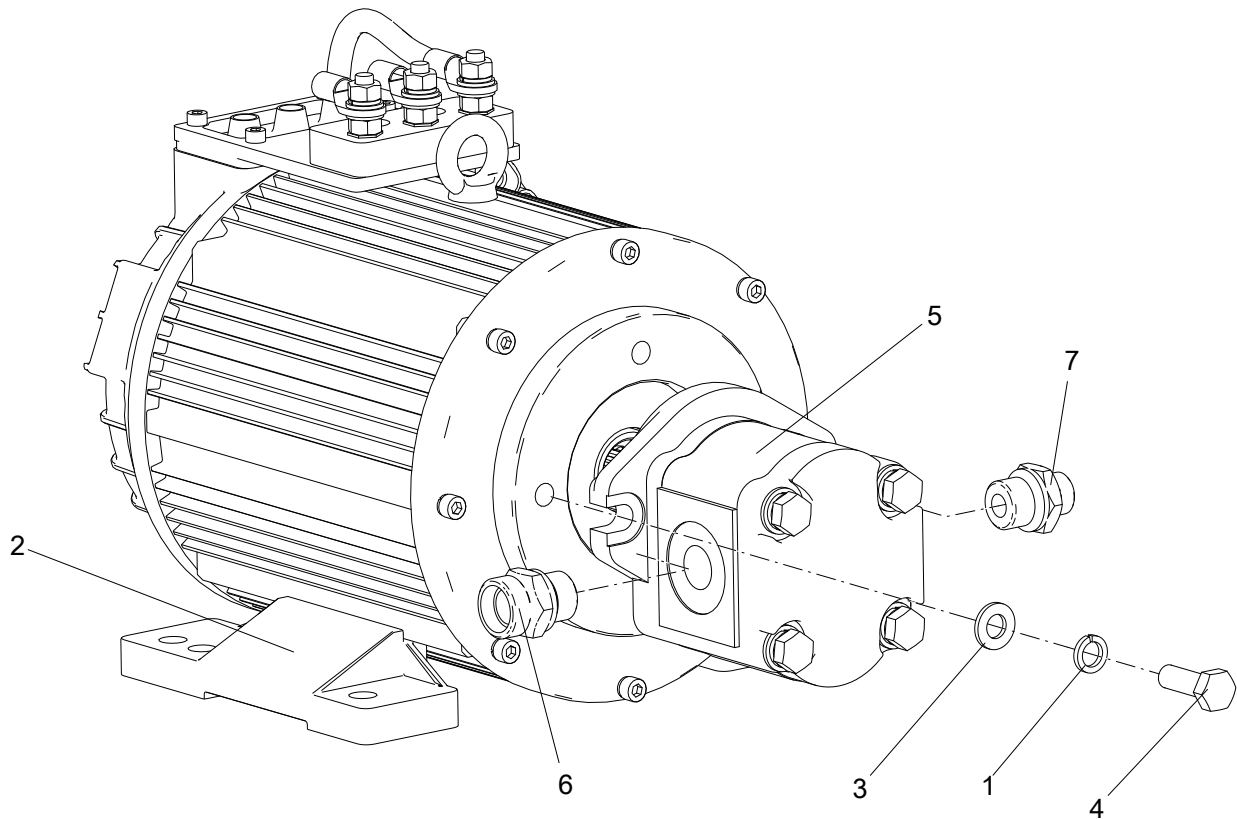
No.	Part No.	Qty.	Description
1	213060000004	1	Plug
2	215020000011	4	Screw M6×16-A2-70 GB/T 70.1
3	202080000017	1	Oil suction filter
4	103004050008	1	Pad, rubber
5	103004050001	1	Cover assembly
6	103004050004	1	Oil tank
7	202120000005	1	Level gauge
8	215010000281	8	Bolt M6×12-8.8-ZnD GB/T 5789
9	215040000004	4	Washer 6-A2-70 GB/T 93
10	202070003014	1	Air filter
10a	202070003015	1	Filter element(Not shown)

5.1.3 CYCLOID MOTOR (PN.202020003090)



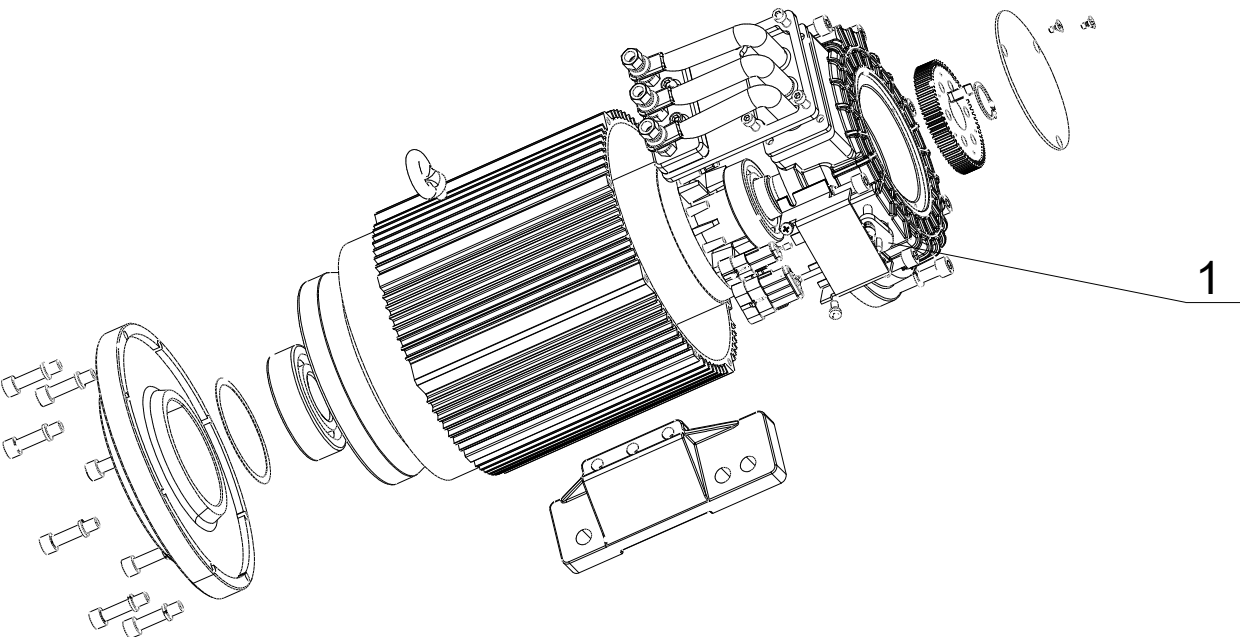
No.	Part No.	Qty.	Description
1	202990003346	1	Seal kit, Cycloid motor

5.1.4 POWER UNIT (PN.103013050003)



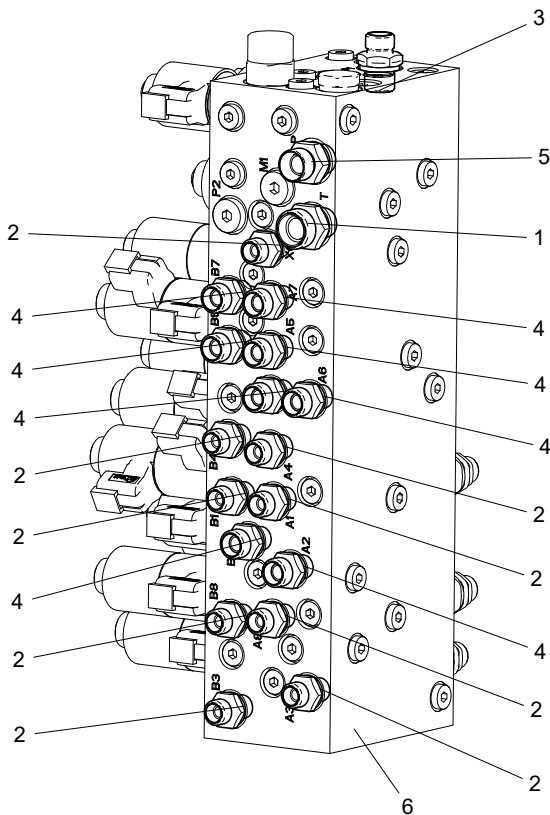
No.	Part No.	Qty.	Description
1	215040000006	2	Washer 10-ZnD GB/T 93
2	203010003108	1	Hybrid Motor
3	2150400000035	2	Washer 10-200HV-ZnD GB/T 97.1
4	2150100000071	2	Bolt M10×30-8.8-ZnD GB/T 5783
5	202010003055	1	Pump, gear
6	2130100000092	1	Coupler
7	2130100000038	1	Coupler

5.1.5 PUMP MOTOR (PN.203010003108)



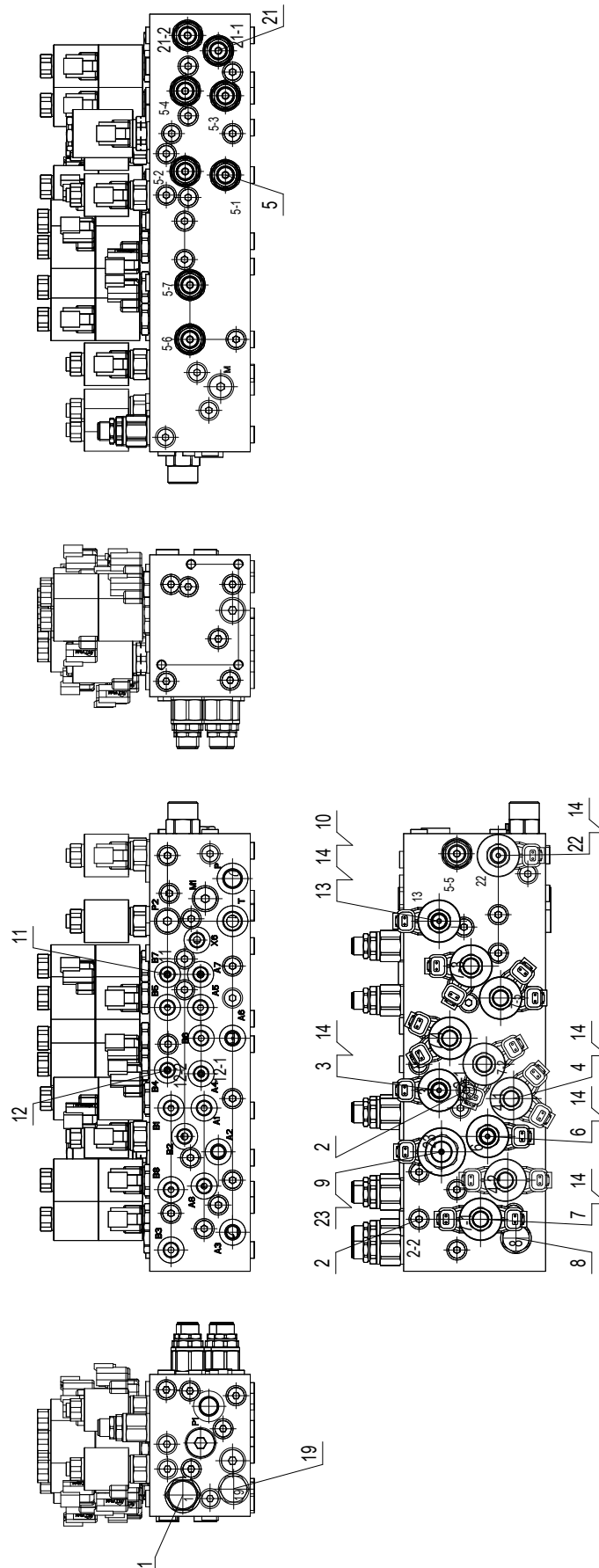
No.	Part No.	Qty.	Description
1	203150003079	1	Encoder

5.1.6 BOOM FUNCTION VALVE AND FITTINGS INSTALLATION



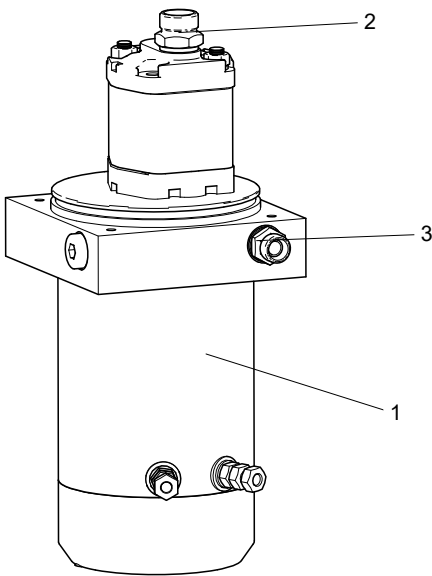
No.	Part No.	Qty.	Description
1	213010000003	1	Coupler
2	213010000007	9	Fitting
3	213010000006	1	Coupler
4	213010000012	8	Coupler
5	213010000005	1	Coupler
6	202040003692	1	Boom function manifold

5.1.7 BOOM FUNCTION MANIFOLD (PN.202040003692)



No.	Part No.	Qty.	Description
1	202990003312	1	Compensator valve
2	202130000008	2	Damper plug
3	202990003313	1	Switch solenoid valve
4	202990003314	2	Solenoid valve
5	202040003150	7	Relief valve
6	202990003326	1	Solenoid valve
7	202040003371	5	Electric valve
8	202990003044	1	Bi-directional hydraulic lock
9	202990003316	1	Coil
10	202130003033	1	Damper
11	202130000007	1	Damper plug
12	202130003025	2	Damper
13	202990003320	1	Switch solenoid valve
14	202990003144	18	Coil
19	202990003071	2	Check valve
21	202990000029	2	Relief valve
22	202990003321	1	Solenoid valve
23	202990003322	1	Solenoid valve

5.1.8 EMERGENCY POWER UNIT AND FITTINGS INSTALLATION



No.	Part No.	Qty.	Description
1	202010003136	1	Emergency power unit(1000631)
2	213010000003	1	Coupler
3	213010000012	1	Coupler

5.1.9 HIGH-PRESSURE FILTER OPTIONS

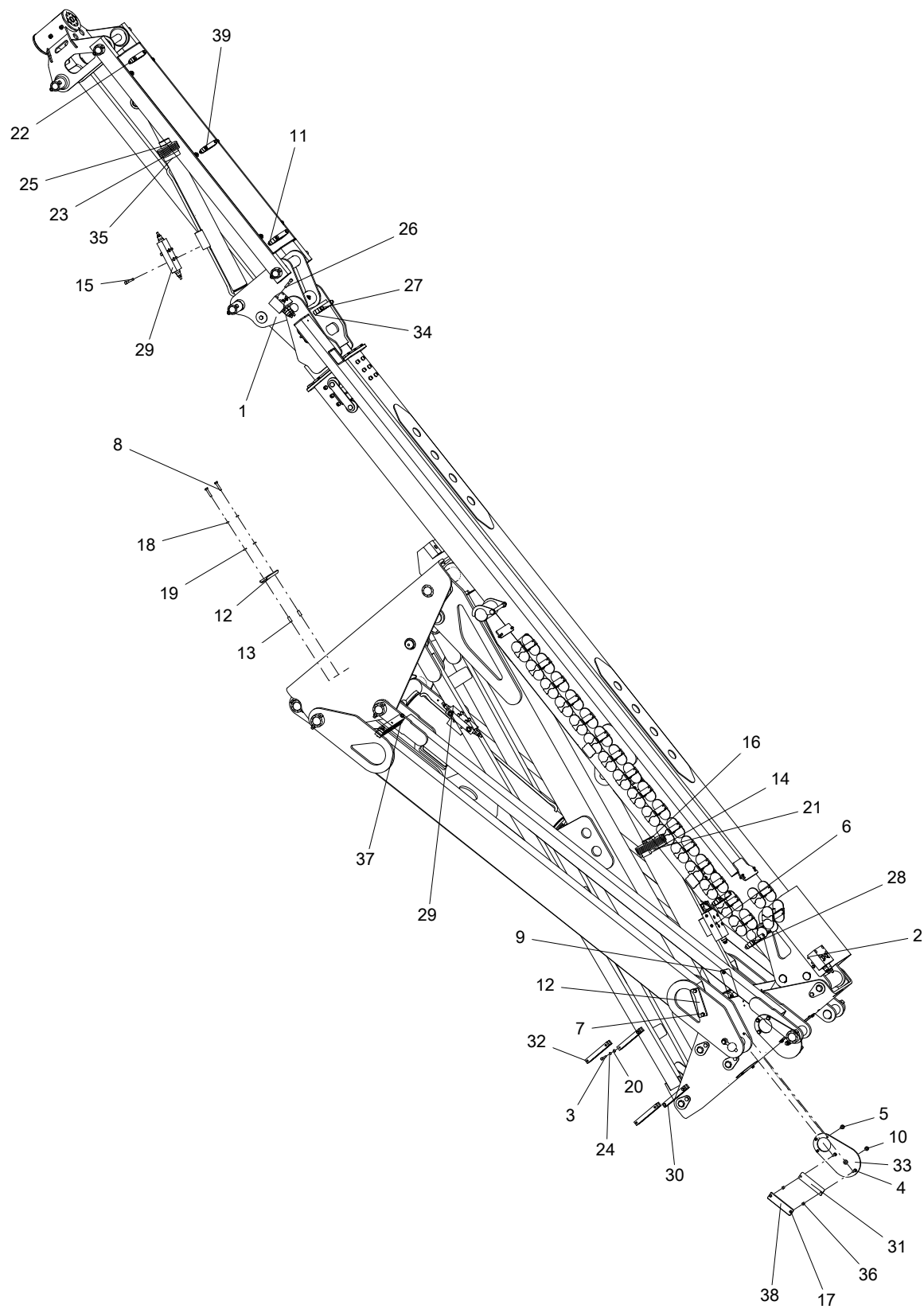
No.	Part No.	Qty.	Description
1-1	202080003017	1	High pressure filter(1000181)
1-1a	202080003018	1	Filter element
1-2	202080000046	1	High pressure filter(1000060)
1-2a	202080000048	1	Filter element

5.1.10 TURNTABLE TUBES LAYOUT

No.	Part No.	Qty.	Description
1	213010000039	1	Coupler
2	213050001602	1	Hose
3	213050003407	1	Hose
4	213050014984	1	Hose
5	213050001456	2	Hose
6	213010000007	2	Fitting
7	213050005521	1	Hose
8	213010000021	1	Coupler
9	213010000132	1	Coupler
10	213010000082	1	Coupler
11	213010000014	2	Coupler
12	213010000008	2	Coupler
13	213050001019	1	Hose
14	213010000047	2	Coupler
15	213050000616	2	Hose
16	213050003097	1	Hose
17	213010000055	2	Coupler
18	213010000249	2	Coupler
19	213050003205	1	Hose

5.2 BOOM HYDRAULIC SYSTEM

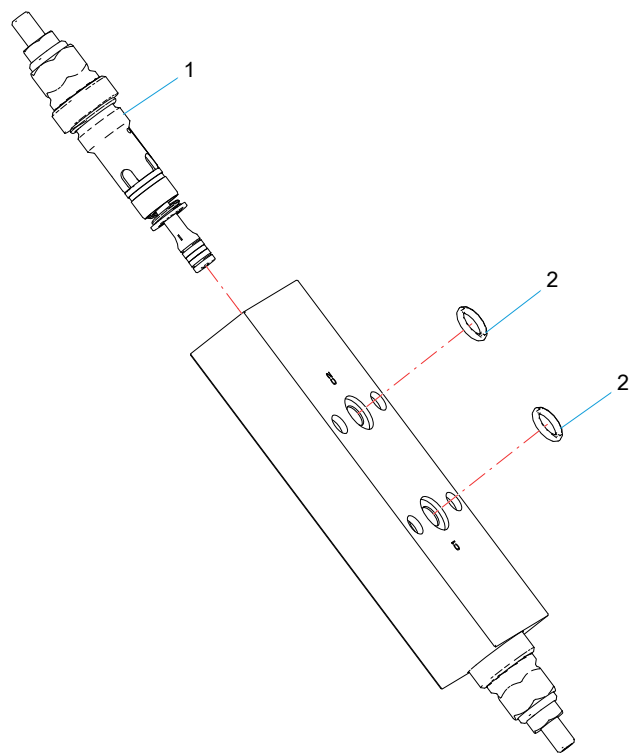
5.2.1 BOOM HYDRAULIC COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	103004050025		Options, Level counterbalance valve
1-1	202040000440	1	Counterbalance valve, leveling(1000127)
1-2	202040003373	1	Leveling counterbalance valve(1000773)
2	103004050027		Counterbalance valve options, telescoping
2-1	202040003012	1	Telescope counterbalance valve(1000176)
2-2	202040003374	1	Telescope counterbalance manifold(1000773)
3	215010000055	8	Bolt M6×50-A2-70 GB/T 5783
4	215010000282	4	Bolt M6×30-8.8-ZnD GB/T 5789
5	215010000234	6	Bolt M8×20-8.8-ZnD GB/T 5789
6	103006053012		Main lift counterbalance valve options
6-1	202040003055	1	Main lift counterbalance valve(1000176)
6-2	202040003396	1	Lift counterbalance valve(1000773)
7	215010000058	4	Bolt M8×25-8.8-ZnD GB/T 5783
8	215010000061	6	Bolt M8×40-8.8-ZnD GB/T 5783
9	103006053020	4	Steel tube
10	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
11	215010000064	2	Bolt M8×55-8.8-ZnD GB/T 5783
12	103003050039	3	Bracket
14	103003050048	1	Sheath
15	215020000029	16	Screw M8×40-10.9-DKL GB/T 70.1
16	216020000007	1	Clamp
17	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
18	215040000005	20	Washer 8-ZnD GB/T 93
19	215040000034	26	Washer 8-200HV-ZnD GB/T 97.1
20	215040000033	8	Washer 6-A2 GB/T 97.1
21	216020000022	1	Hose clamp
22	215030000005	6	Nut M8-8-ZnD-GB/T 6170
23	216020000009	1	Hose clamp
24	215040000004	8	Washer 6-A2-70 GB/T 93
25	216020000002	1	Clamp
26	215020000031	4	Screw M8×45-10.9-DKL GB/T 70.1
27	215020000032	8	Screw M8×50-8.8-ZnD GB/T 70.1
28	103006053005	2	Pipe clamp, main boom
29	202040000011	2	Counterbalance valve, leveling
30	103006053004	2	Pipe clamp, left side plate
31	103006013012	2	Bracket
32	103006053002	2	Pipe clamp, right side plate
33	103006013006	2	Bracket
34	103006053001	2	Pipe clamp, jib

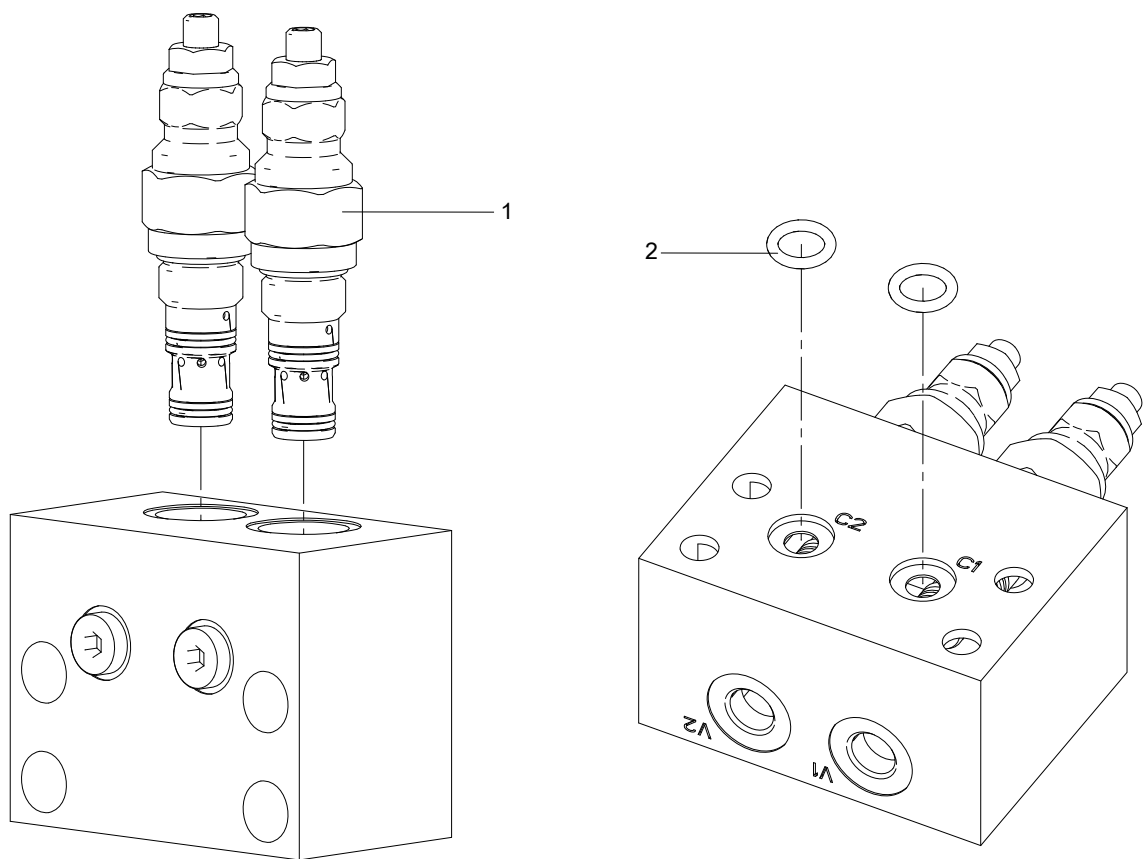
No.	Part No.	Qty.	Description
35	103005050008	1	Bellow, cylinder
36	103006013014	4	Circular pipe
37	103006053006	1	Pipe clamp, folded plate
38	103006013015	2	Grooved plate
39	103006053003	2	Pipe clamp, jib
13	101012030104- WILL		Vertical pipe

5.2.2 LEVELING COUNTERBALANCE VALVE (PN.20204000011)



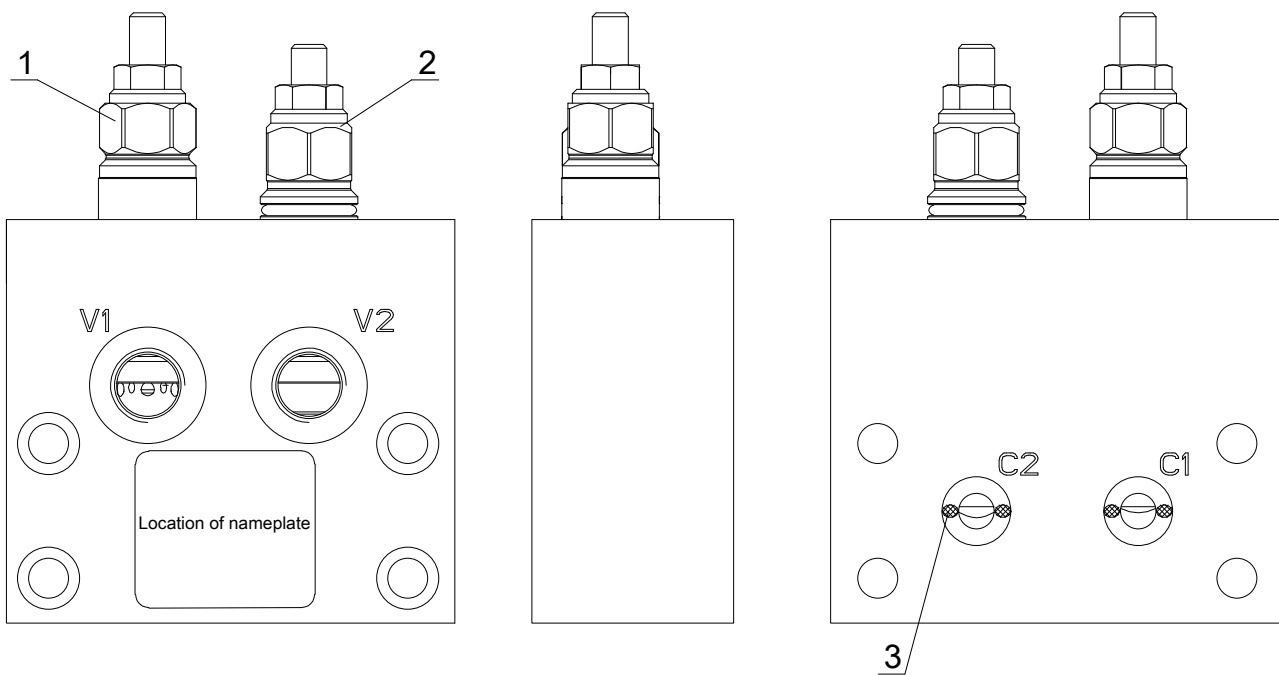
No.	Part No.	Qty.	Description
1	202990003040	2	Counterbalance valve spool
2	207040003003	2	O-ring

5.2.3 LEVELING COUNTERBALANCE VALVE (PN.202040000440)



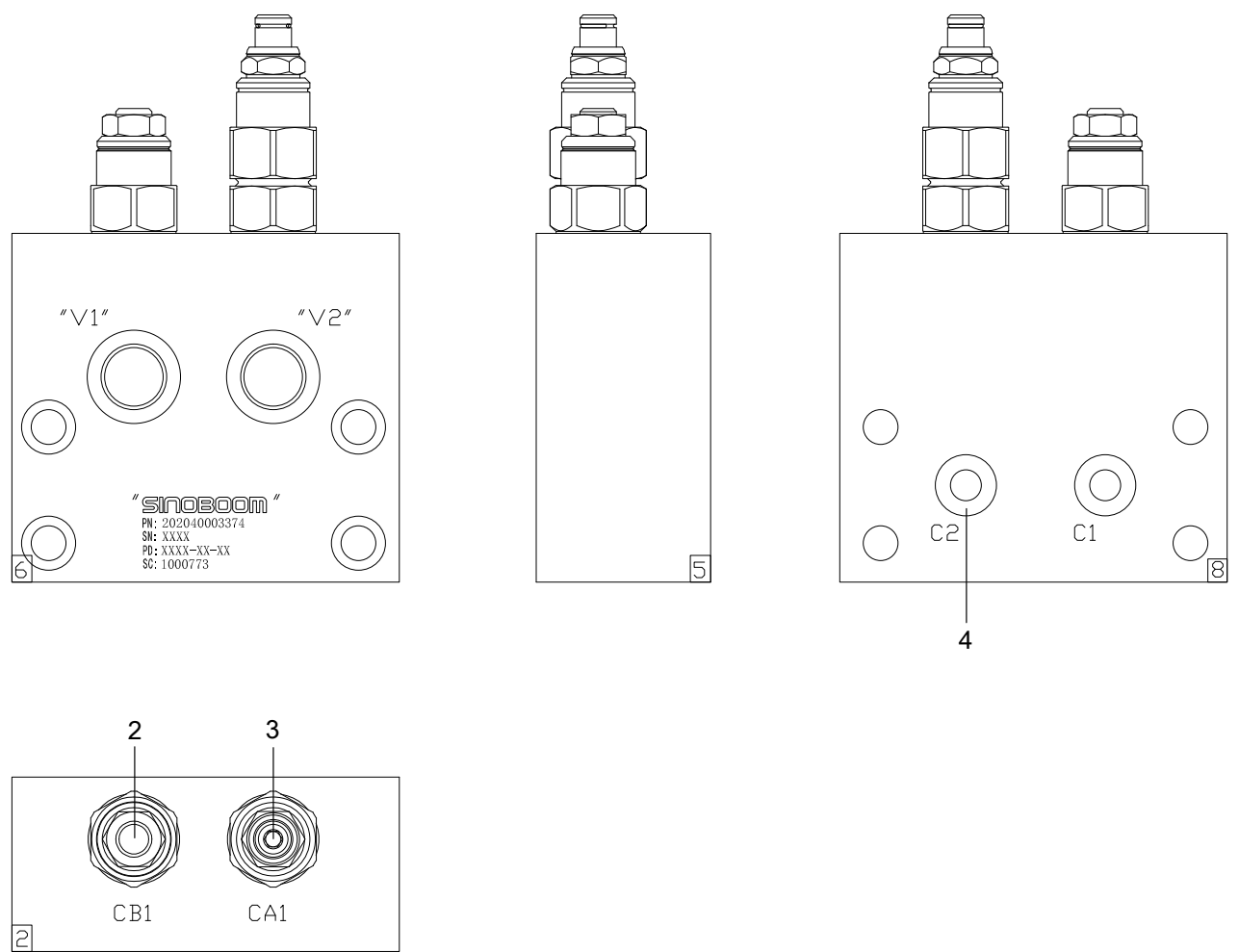
No.	Part No.	Qty.	Description
1	202990003219	2	Counterbalance valve
2	207040003003	2	O-ring

5.2.4 TELESCOPING COUNTERBALANCE VALVE (PN.202040003012)



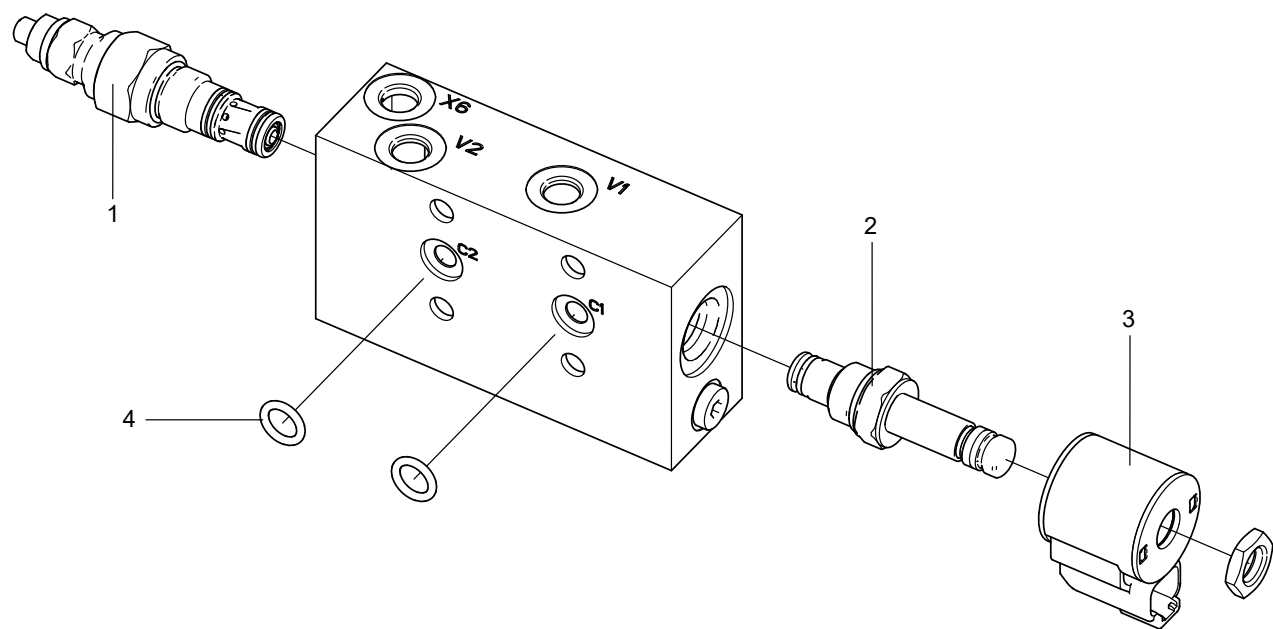
No.	Part No.	Qty.	Description
1	202990003885	1	Counterbalance valve
2	202990003711	1	Counterbalance valve
3	207040003049	2	O-ring

5.2.5 TELESCOPING COUNTERBALANCE VALVE (PN.202040003374)



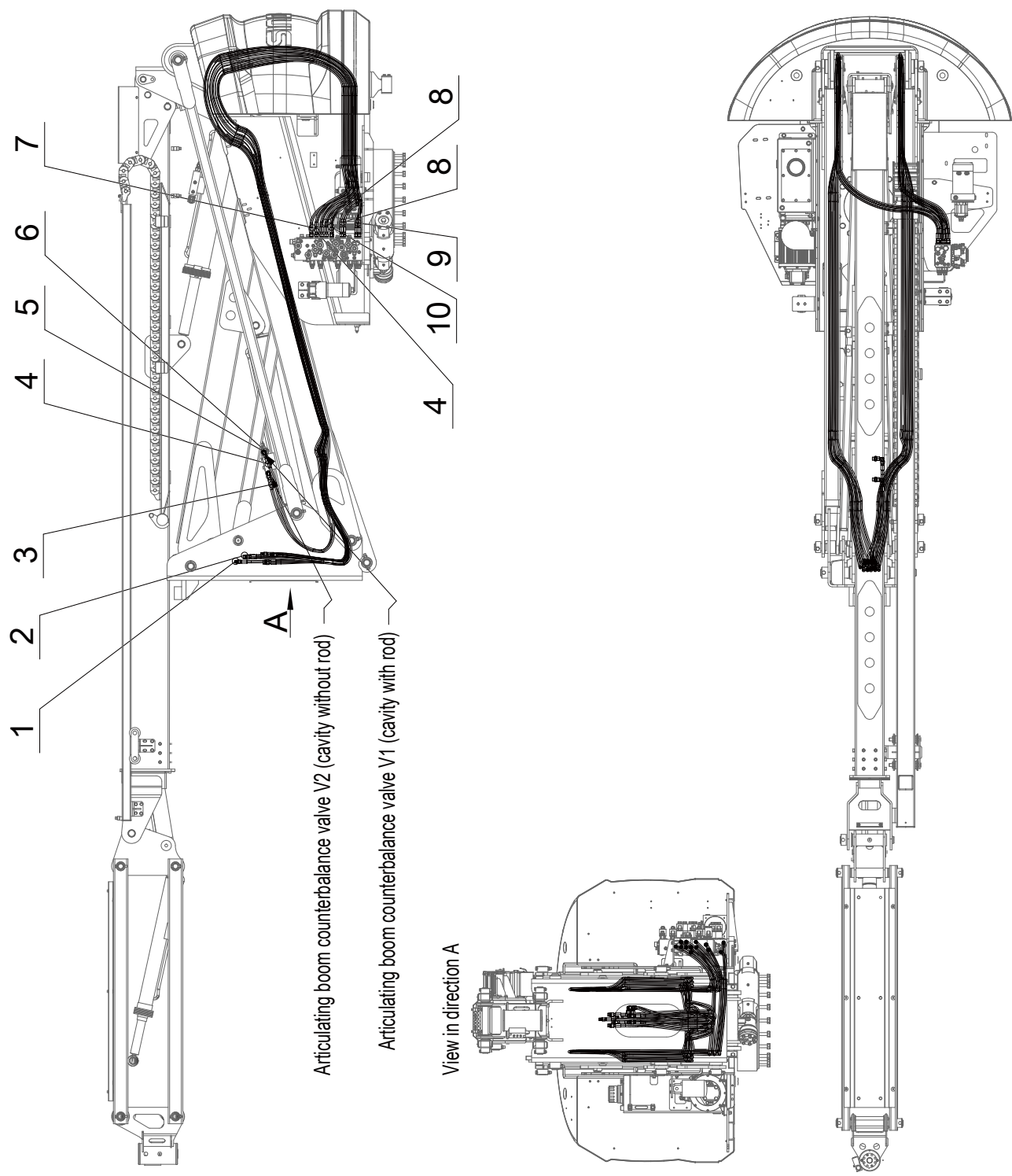
No.	Part No.	Qty.	Description
2	202990003882	1	Counterbalance valve
3	202990003884	1	Counterbalance valve
4	207040003003	2	O-ring

5.2.6 MAIN BOOM LUFFING COUNTERBALANCE VALVE (PN.202040003055)



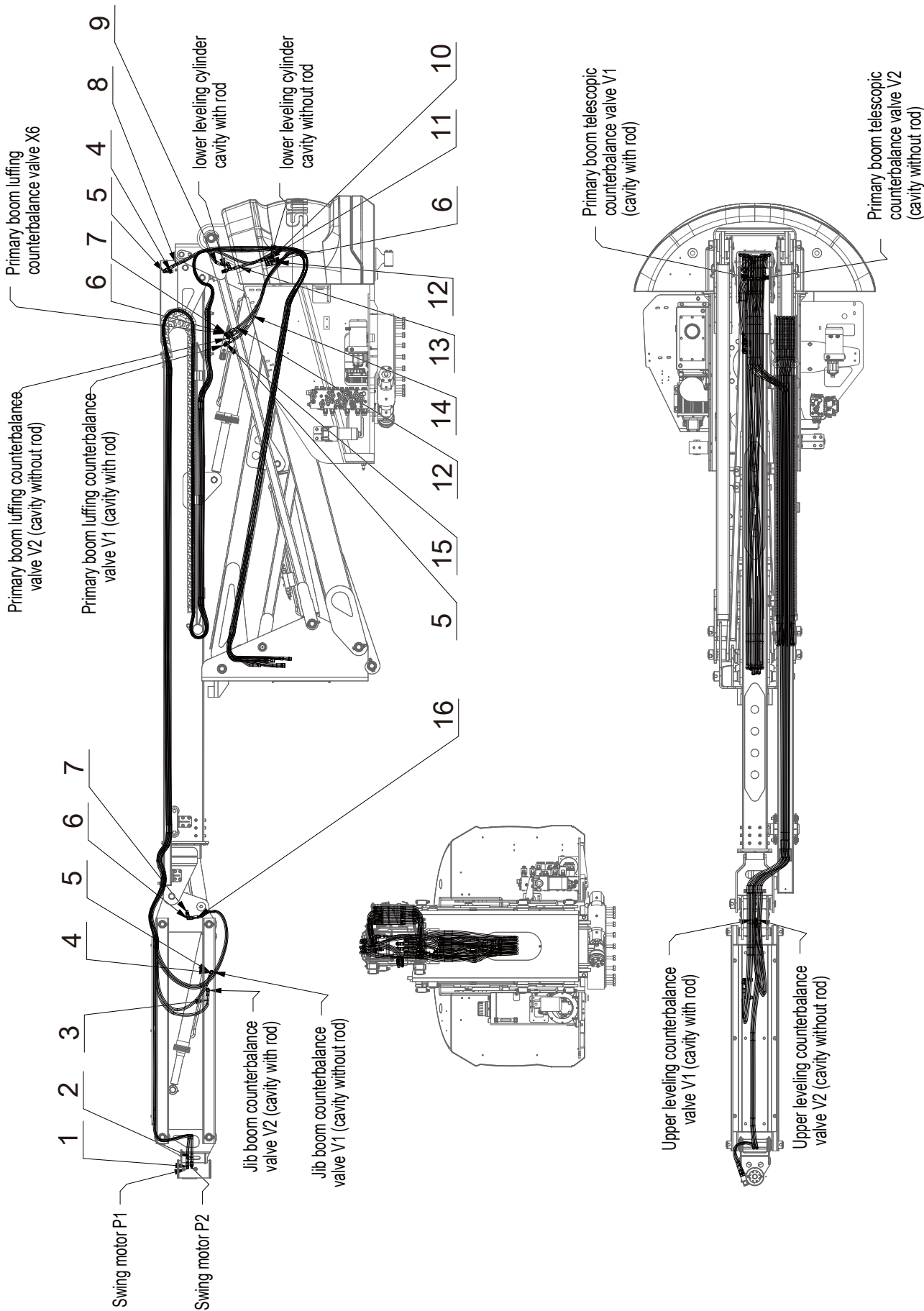
No.	Part No.	Qty.	Description
1	202040003207	1	Spool
2	202040003296	1	Solenoid proportional valve
3	202990000037	1	Coil
4	207040003003	2	O-ring

5.2.7 TOWER BOOM TUBES LAYOUT



No.	Part No.	Qty.	Description
1	213010000054	5	Coupler
2	213010000126	6	Coupler
3	213050000725	1	Hose
4	213050003168	3	Hose
5	213010000006	2	Coupler
6	213010000009	2	Coupler
7	213050000817	1	Hose
8	213050003162	4	Hose
9	213050003173	2	hose
10	213050003316	2	Hose

5.2.8 PIPE LAYOUT DRAWING OF MAIN BOOM



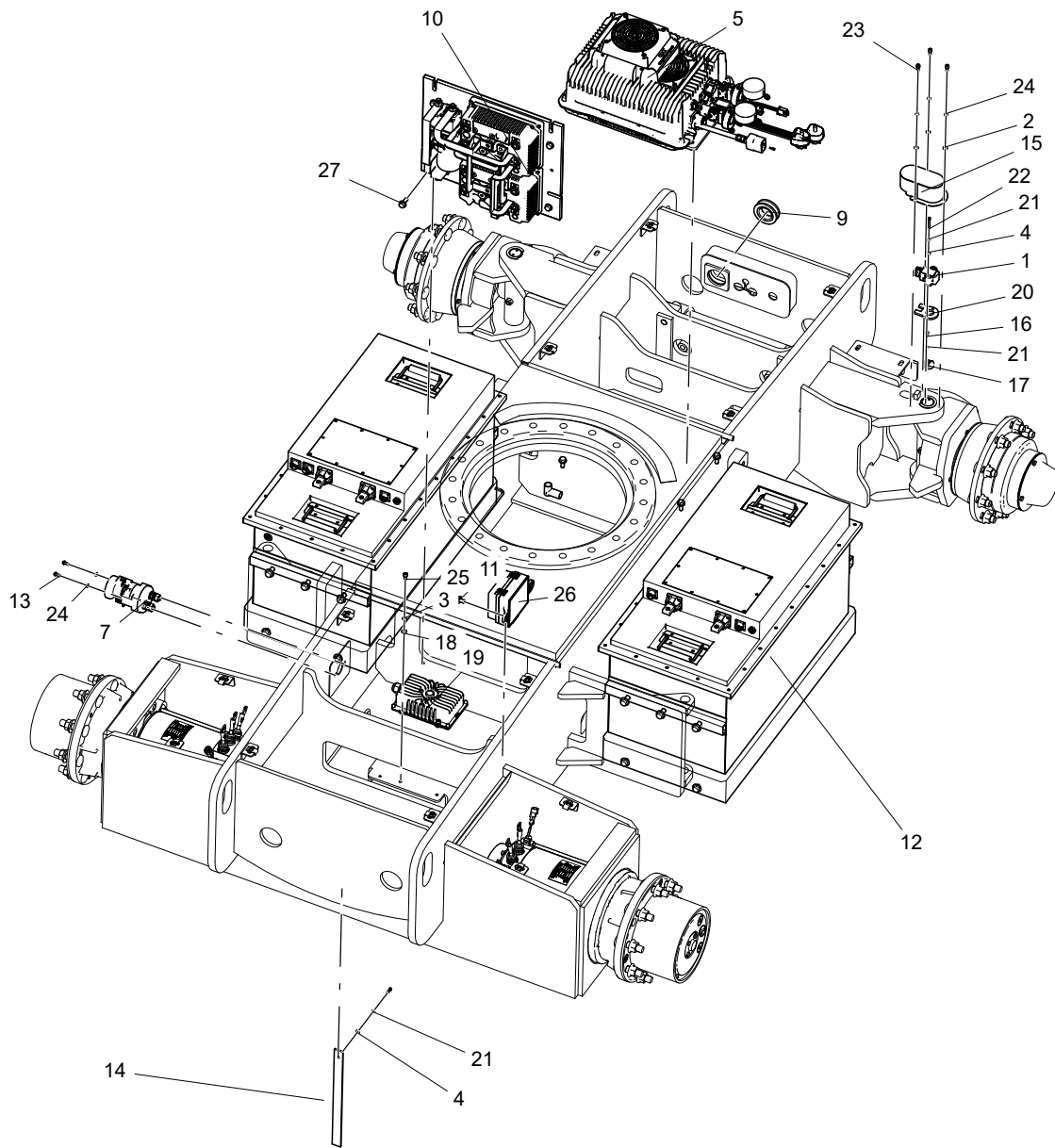
No.	Part No.	Qty.	Description
1	213010000013	2	Coupler
2	213050015592	2	Hose
3	213050015594	2	Hose
4	213010000006	4	Coupler
5	213010000009	8	Coupler
6	213010000024	5	Coupler
7	213010000007	3	Fitting
8	213050008338	2	Hose
9	213050015595	1	Hose
10	213010000146	2	Coupler
11	213010000026	2	Coupler
12	213050003003	2	Hose
13	213050003146	1	Hose
14	213050000112	2	Hose
15	213010000012	2	Coupler
16	213050001807	1	Hose

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6 ELECTRICAL SYSTEM

6.1 CHASSIS ELECTRICAL SYSTEM

6.1.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION

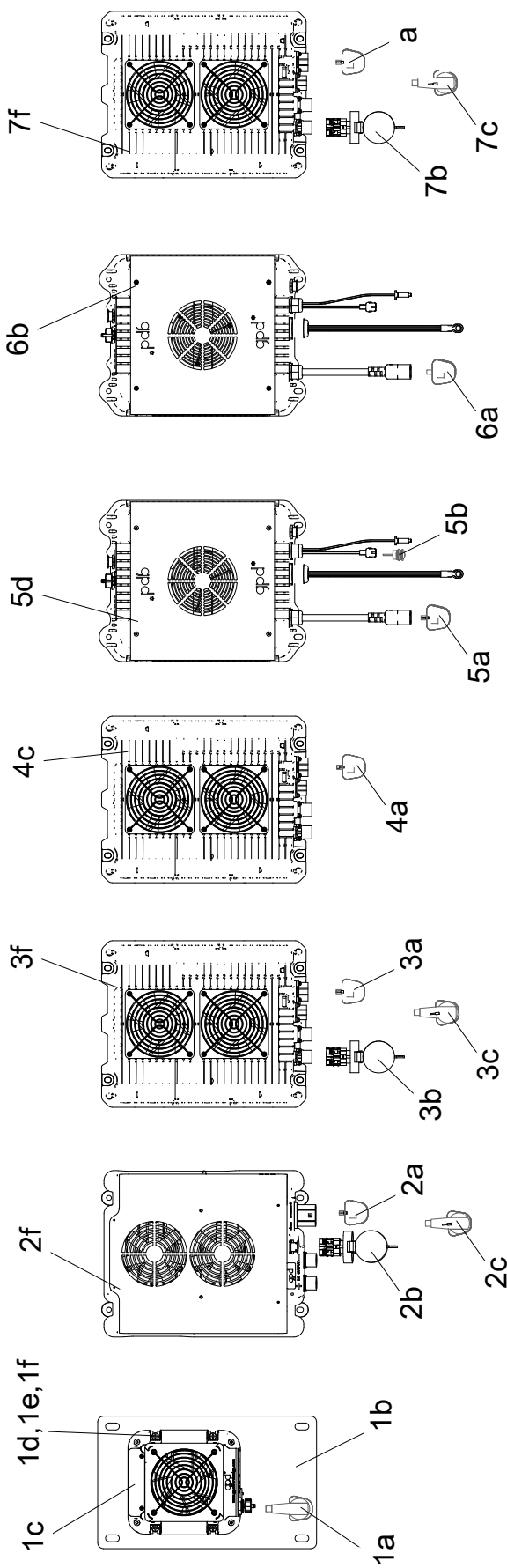


No.	Part No.	Qty.	Description
1	103007063015		Relative Angle Sensor Option
2	215040000032	3	Washer 5-A2 GB/T 97.1
3	215040000004	4	Washer 6-A2-70 GB/T 93
4	215040000031	3	Washer 4-A2 GB/T 97.1
5	103013060021		OPT, INST (charger)
6	215020000106	1	Screw M4×16-A2-70 GB/T 818
7	114004063040		Power switch option
7-1	203060003167	1	Power switch(1000200)
7-2	203060000024	1	Power switch(1000110)
8	103014060013	1	Harness, chassis(Not shown)
9	101032030115	1	Protective casing
10	103014060020		Motor controller assembly option
10-1	203020003015	1	Motor controller assembly(1000251)
10-2	203020003197	1	Motor controller assembly(1000688)
11	215010000233	2	Bolt M8×12-8.8-ZnD GB/T 5789
12	103014060031		Battery installation option
13	215020000110	2	Screw M5×12-A2-70 GB/T 818
14	203160000004	1	Rubber conductive band
15	103002030026	1	Guard
16	215020000105	2	Screw M4×12-A2-70 GB/T 818
17	101016010062	1	Flange
18	215040000033	4	Washer 6-A2 GB/T 97.1
19	203190003026	1	DC/DC convertor
20	103003030108	1	Detection plate
21	215040000002	5	Washer 4-A2-70 GB/T 93
22	215020000212	2	Screw M4×35-A2-70 GB/T 818
23	215020000006	3	Screw M5×12-A2-70 GB/T 70.1
24	215040000003	5	Washer 5-A2-70 GB/T 93
25	215020000010	4	Screw M6×12-A2-70 GB/T 70.1
26	203040003003	1	Relay box
27	215010000234	8	Bolt M8×20-8.8-ZnD GB/T 5789

6.1.2 RELATIVE ANGLE SENSOR OPTIONS

No.	Part No.	Qty.	Description
1	203150003049	1	Angle sensor(1000276)
2	203150000046	1	Angle sensor(1000276)
3	203150003091	1	Angle sensor(1000707)
4	203150003083	1	Angle sensor(1000787)

6.1.3 CHARGER INSTALLATION OPTIONS



No.	Part No.	Qty.	Description
1	103013060013		INST, charger(1000170)
1a	103010063088		OPT, cable plug (charger)
1b	103008023403	1	Plate
1c	203100000042	1	Charger
1d	215020000116	4	Screw M6×16-A2-70 GB/T 818
1e	215040000004	4	Washer 6-A2-70 GB/T 93
1f	2150400000033	4	Washer 6-A2 GB/T 97.1
2	103013060014		INST, charger(1000170)
2a	103008063052		Charger cord and plug options
2b	203060003189	1	ASSY, key switch(1000077)
2c	103013060022		OPT, cable plug (charger)
2d	203080000415	3	Terminal(Not shown)
2e	203080000416	3	Terminal(Not shown)
2f	203100003257	1	Charger
3	103013060015		INST, charger(1000853)
3a	103008063052		Charger cord and plug options
3b	203060003189	1	ASSY, key switch(1000077)
3c	103013060022		OPT, cable plug (charger)
3d	203080000415	3	Terminal(Not shown)
3e	203080000416	3	Terminal(Not shown)
3f	203100003243	1	Charger
4	103013060016		INST, charger(1000853)
4a	103008063052		Charger cord and plug options
4b	203080000415	3	Terminal(Not shown)
4c	203100003159	1	Charger
5	103013060017		INST, charger(1000170)
5a	103008063052		Charger cord and plug options
5b	203060003069	1	Button(1000170)
5c	203080000415	3	Terminal(Not shown)
5d	203100003217	1	Charger
6	103013060018		INST, charger(1000170)
6a	103008063052		Charger cord and plug options
6b	2031000000069	1	Charger
7	103013060020		INST, charger(1000853)
7a	103008063052		Charger cord and plug options
7b	203060003189	1	ASSY, key switch(1000077)
7c	103013060022		OPT, cable plug (charger)

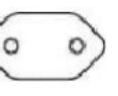
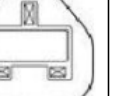
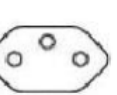
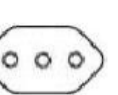
No.	Part No.	Qty.	Description
7d	203080000415	3	Terminal(Not shown)
7e	203080000416	3	Terminal(Not shown)
7f	203100003244	1	Charger

6.1.4 CHARGER PLUG CORD OPTIONS

A	B	C	D	E	F	G	I
J	K	L	M	N	O	P	

No.	Part No.	Qty.	Description
	103010063088		OPT, cable plug (charger)
1	203080003944	1	Cable, plug (charger)(Type I, China and Australian specs)
2	203080003945	1	Cable, plug (charger)(Type G,HongKong and Middle East specs)
3	203080003946	1	Cable, plug (charger)(Type B, America and South America specs)
4	203080003947	1	Cable, plug (charger)(Type M,Macao specs)
5	203080003948	1	Cable. plug (charger)(Type E+F , European and Brazilian specs)
6	203080003949	1	Cable, plug (charger)(Type J, Swiss specs)
7	203080003950	1	Cable.plug (charger)(Type L, South America specs)
8	203080003967	1	Cable, plug (charger)(Type H, Israel)
9	203080004026	1	Cable, plug (charger)(Type N)
10	203080004027	1	Cable, plug (charger)(Type I, China)
11	203080004028	1	Cable, plug (charger)(Type I, Argentina)

6.1.5 CHARGER PLUG OPTIONS

							
A	B	C	D	E	F	G	I
							
J	K	L	M	N	O	P	

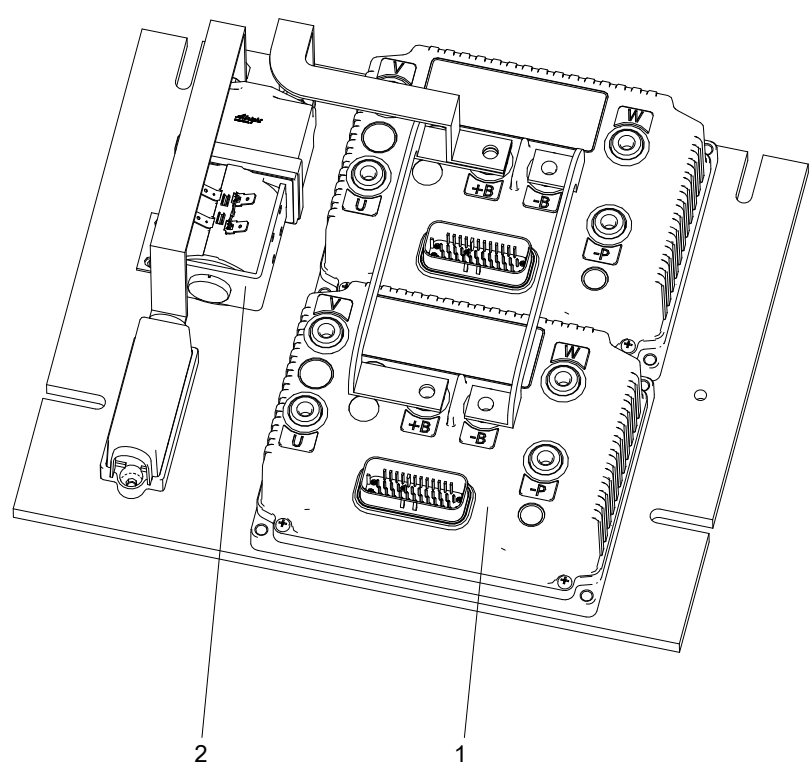
No.	Part No.	Qty.	Description
	103008063052		Charger cord and plug options
1	203080003097	1	Charger plug cable(Type M,Macao specs)
2	203080003096	1	Charger plug cable(Type L, South America specs)
3	203080003100	1	Charger plug cable(Type J, Swiss specs)
4	203080003098	1	Charger plug cable(Type B, America and South America specs)
5	203080003102	1	Charger plug cable(Type G,HongKong and Middle East specs)
6	203080003099	1	Charger plug cable(Type E+F , European and Brazilian specs)
7	203080003101	1	Charger plug cable(Type I, China and Australian specs)
8	203080003965	1	Charger plug cable(Type H, Israel)
9	203080004020	1	Cable, plug (charger)(Type N, Brazil)
10	203080004021	1	Cable, plug (charger)(Type I, China)
11	203080004022	1	Cable, plug (charger)(Type I, Argentina)

[illegible]

No.	Part No.	Qty.	Description
1	203080000033	4	Male connector
2	203080000041	24	Female connector
3	203080000068	5	Blind plug
4	203080000404	1	Sheath
5	203080000032	1	Lock
6	203080000410	2	Sheath
7	203080000016	2	Lock
8	203080000044	1	Sheath
9	203080000020	1	Lock
10	203080000492	1	Waterproof cover
11	203080000414	1	Sheath
12	203080000159	1	Lock
13	203080003289	5	Corrugated pipe
14	203080003288	4	Corrugated pipe
15	203080000037	2	Corrugated pipe
16	203080000135	1	Corrugated pipe (Black)
17	203080003286	1	Corrugated pipe
18	203080000262	3	AMP Terminal
19	203080000314	1	Lock
20	203080000315	1	Sheath
21	203080000030	3	Heat shrink tube
22	203080000291	2	Sheath
23	203080000297	2	Seal ring
24	203080000292	2	Sheath
25	203080000298	8	Terminal
26	203080000287	2	Seal ring
27	203080000047	3	Cable
28	203080000196	4	Cable
29	203080000018	2	Ring tongue terminal
30	203080000405	1	Sheath
31	203080000046	1	Lock
32	203080000086	1	Connector
33	203080000564	29	Thin-wall wire
34	203080000563	24	Thin-wall wire
35	203080000562	26	Thin-wall wire
36	203080000129	2	Jacket, flexible
37	203080000197	2	Terminal
38	203080003017	2	Sheath
39	203080003021	28	Terminal

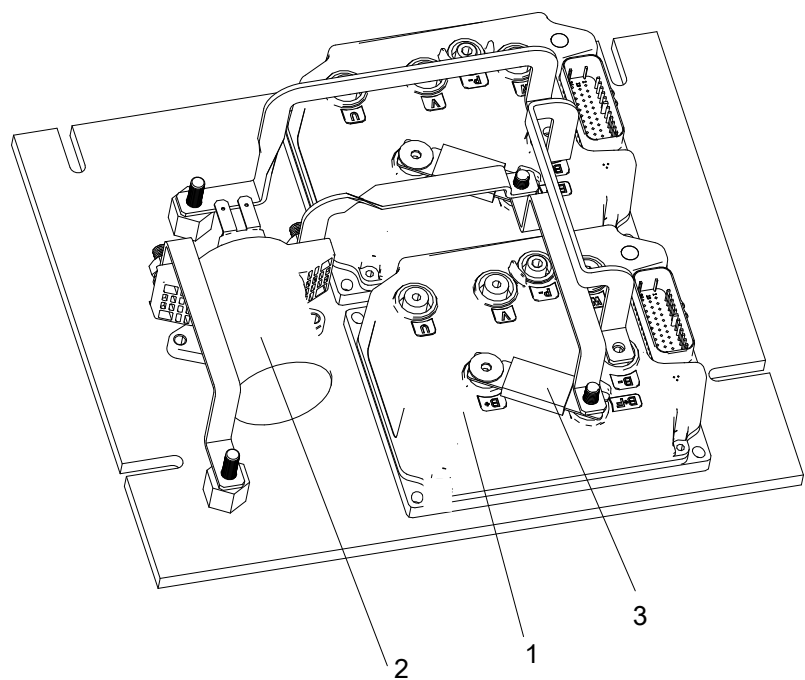
No.	Part No.	Qty.	Description
40	203080000295	47	Plastic plug
41	203080003019	2	Sheath
42	203080003024	2	Lock
43	203080000127	1	Sheath
44	203080000126	1	Lock
45	203080003726	1	Sheath
46	203080003727	1	lock plate
47	203060000097	2	#12 female terminal

6.1.7 MOTOR CONTROLLER ASSEMBLY (PN.203020003015)



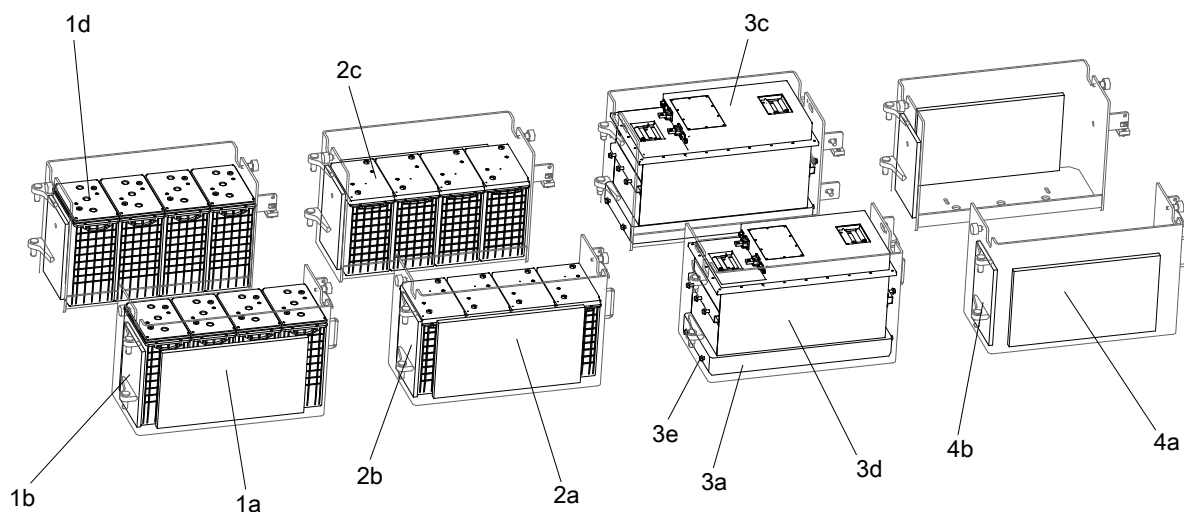
No.	Part No.	Qty.	Description
1	203020000054	2	Motor controller(ZAPI)
2	203040003023	1	Contactor

6.1.8 MOTOR CONTROLLER ASSEMBLY (PN.203020003197)



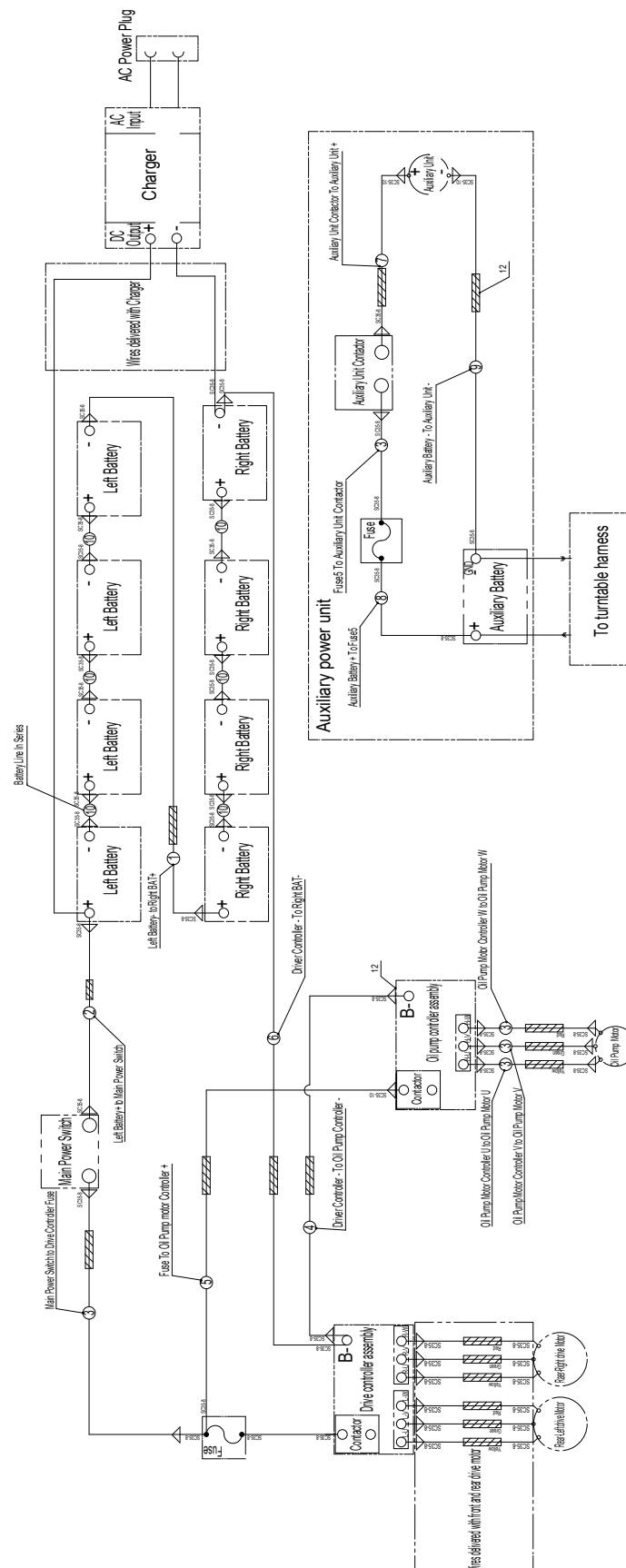
No.	Part No.	Qty.	Description
1	203990003076	2	Motor controller
2	203990003055	1	Contactor
3	203990003030	2	Fuse

6.1.9 BATTERIES INSTALLATION OPTIONS



No.	Part No.	Qty.	Description
1	103014060025	1	Lead acid battery installation
1a	103006033016	2	Subplate
1b	103006033017	2	Subplate
1c	103014060014	1	Power harness wiring diagram(Not shown)
1d	203100003000	8	Maintenance-free battery(1000169)
2	103014060028	1	Lead acid battery installation
2a	103006033016	2	Subplate
2b	103006033017	2	Subplate
2c	103014060014	1	Power harness wiring diagram(Not shown)
2d	203100003128	8	Maintenance-free battery(1000817)
3	103014060030	1	Lithium battery installation
3a	103006033023	2	Balance weight
3b	103014060029	1	Power harness wiring diagram(Not shown)
3c	203100003024	1	Lithium battery, main box(1000015)
3d	203100003025	1	Lithium battery, secondary box(1000015)
3e	215010000238	20	Bolt M10×25-8.8-ZnD GB/T 5789
4	103014060032	1	Lead acid battery installation
4a	103006033016	2	Subplate
4b	103006033017	2	Subplate
4c	103014060014	1	Power harness wiring diagram(Not shown)
4d	203100003120	8	Maintanance-free battery(Not shown , 1000941)

6.1.10 ELECTRICAL POWER WIRING LAYOUT (PN.103014060014)



No.	Part No.	Qty.	Description
1	203230001051	1	Power line
2	203230000584	1	Power line
3	203230000506	5	Power line
4	203230000567	1	Power line
5	203230000527	1	Power line
6	203230003265	1	Power line
7	203230000840	1	Power line
8	203230000557	1	Power line
9	203230003267	1	Power line
10	203230000572	1	Power line
11	203080000004	40	PVC sheath
12	203080000422	22	Nylon hose, closed-end

No.	Part No.	Qty.	Description
1	203230003326	1	Power line
2	203230000977	1	Power line
3	203230000506	5	Power line
4	203230000567	1	Power line
5	203230000527	1	Power line
6	203230000579	1	Power line
7	203230000840	1	Power line
8	203230000557	1	Power line
9	203230003267	1	Power line
10	203080000004	28	PVC sheath
11	203080000422	22	Nylon hose, closed-end

6.2 TURNTABLE ELECTRICAL SYSTEM

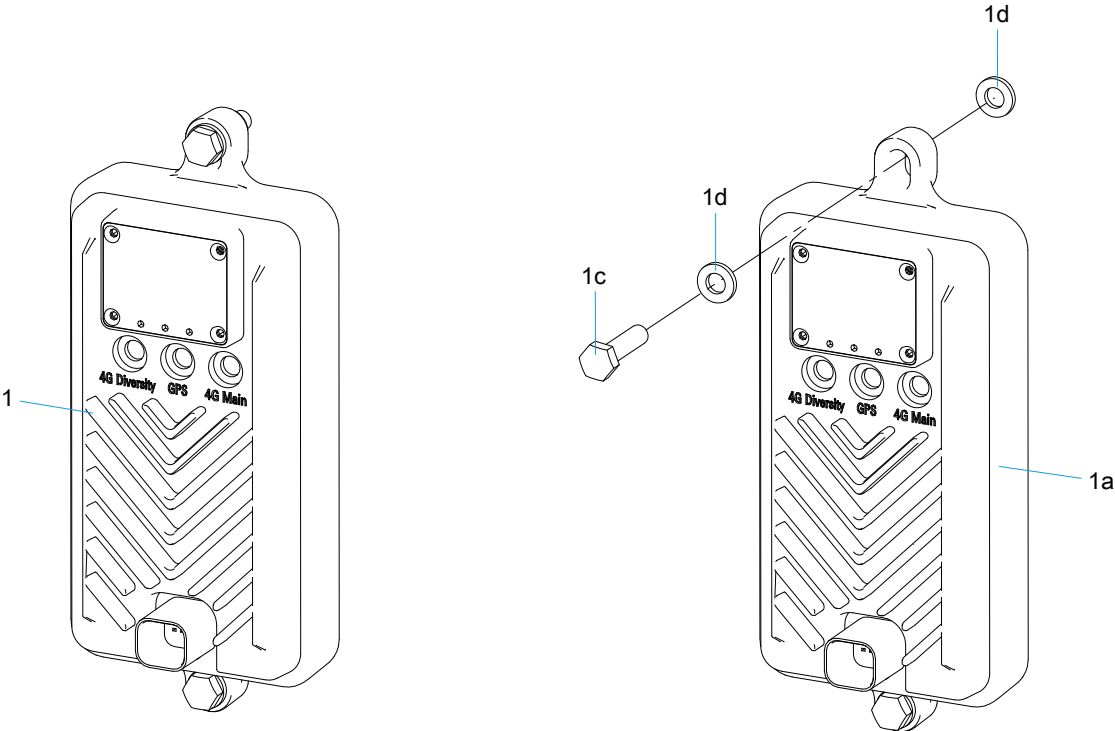
This exploded view diagram illustrates the assembly of a mechanical device, likely a portable power source or a specialized tool. The main components are shown in their relative positions, with numbered callouts identifying individual parts:

- 1**: Main housing or frame.
- 2**: Internal structural component.
- 3**: Mounting bracket or support.
- 4**: Small internal component.
- 5**: Bolt or screw.
- 6**: Cylindrical component, possibly a motor or pump.
- 7**: Spring or coiled cable.
- 8**: Wheel or roller.
- 9**: Small internal component.
- 10**: Base plate or support.
- 11**: Bolt or screw.
- 12**: Bolt or screw.
- 14**: Small internal component.
- 16**: Control panel or display unit.
- 17**: Small internal component.
- 19**: Base plate or support.
- 20**: Small internal component.
- 21**: Wheel or roller.
- 23**: Mounting bracket or support.
- 24**: Control panel or display unit.
- 26**: Small internal component.
- 27**: Small internal component.
- 28**: Small internal component.
- 29**: Base plate or support.
- 30**: Small internal component.
- 31**: Control panel or display unit.
- 32**: Small internal component.
- 33**: Small internal component.
- 34**: Mounting bracket or support.
- 35**: Small internal component.
- 36**: Small internal component.
- 37**: Small internal component.
- 38**: Small internal component.
- 39**: Small internal component.
- 40**: Small internal component.
- 41**: Small internal component.
- 42**: Small internal component.
- 43**: Mounting bracket or support.
- 44**: Small internal component.
- 45**: Small internal component.
- 46**: Small internal component.
- 47**: Small internal component.

No.	Part No.	Qty.	Description
1	103013020026	1	Folded plate
2	103013020023	1	Plate, bending
3	103008063058		Options, Level sensor installation
4	203070000056	1	Fuse holder
5	203080003094	1	Plug with cable
6	114012063080		Caution light option
7	105021060024	1	Guard, beacon light
8	114012063086		Horn option
9	203080000525	4	Metal mounting clamp
10	103007023015	1	Holder
11	215010000229	3	Bolt M6×10-8.8-ZnD GB/T 5789
12	114007063026		Pressure sensor option
13	203100000053	1	Flexible sheath (left red)(Not shown)
14	103007023019	2	Tie rod
15	203080000250	1	Battery connector (positive and negative in pairs)(Not shown)
16	103006063020		Options, GPS installation
17	104009020071	1	Plate, folded
18	203080000526	1	Metal mounting clamp
19	114015063047	1	Contactor installation
19a	203040003002	1	Contactor
19b	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
19c	215040000003	2	Washer 5-A2-70 GB/T 93
19d	215040000132	2	Washer 5-200HV-A2 GT/B 96.1
20	105001020176	1	Pressbar
21	215010000235	1	Bolt M8×25-8.8-ZnD GB/T 5789
22	103014060023	1	Turntable harness(Not shown)
23	215010000231	3	Bolt M6×20-8.8-ZnD GB/T 5789
24	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
25	203100000051	1	Flexible sheath (left black)(Not shown)
26	215010000041	5	Bolt M5×12-A2-70 GB/T 5783
27	215040000003	7	Washer 5-A2-70 GB/T 93
28	215040000002	2	Washer 4-A2-70 GB/T 93
29	215030000109	7	Nut M10-8-ZnD GB/T 6183.1
30	215030000002	2	Nut M4-8-A2-70 GB/T 6170
31	103014060007	1	Ground controller Box
32	215040000032	2	Washer 5-A2 GB/T 97.1
33	203060000146	1	Limit switch
34	103013020002	1	Bracket, electrical controller
35	114015063049		Fuse option

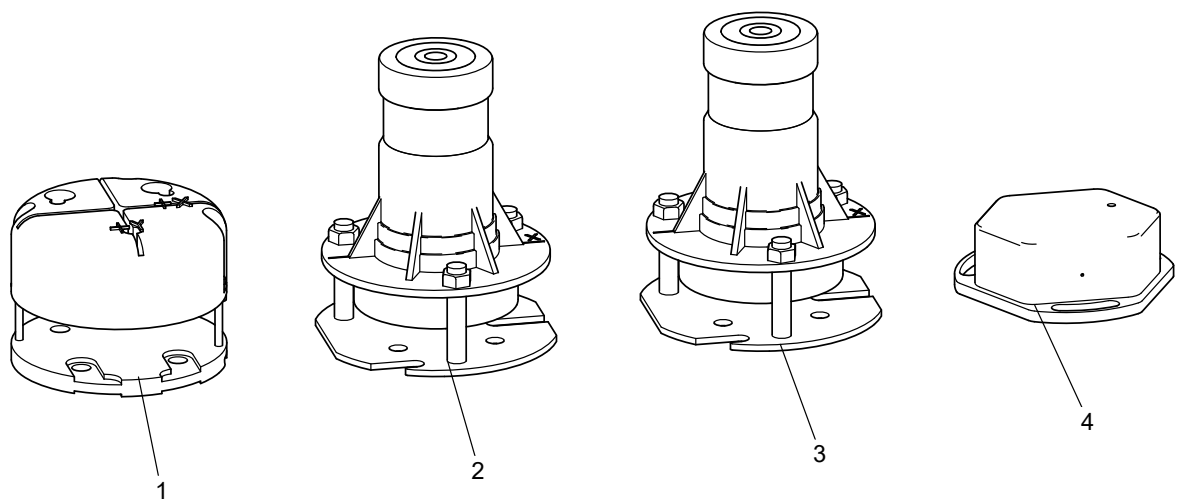
No.	Part No.	Qty.	Description
35-1	203070003000	1	Fuse(CE)
35-2	203070003054	1	Fuse(UL)
36	215040000031	4	Washer 4-A2 GB/T 97.1
37	215020000113	2	Screw M5×25-A2-70 GB/T 818
38	215020000212	2	Screw M4×35-A2-70 GB/T 818
39	215030000003	2	Nut M5-A2-70 GB/T 6170
40	203020003161	1	Motor Controller
41	215030000108	3	Nut M8-8-ZnD GB/T 6183.1
42	215040000132	5	Washer 5-200HV-A2 GT/B 96.1
43	215010000248	4	Bolt M10x35-8.8 ZnD GB/T 5789
44	215010000239	3	Bolt M10×30-8.8-ZnD GB/T 5789
45	215010000234	6	Bolt M8×20-8.8-ZnD GB/T 5789
46	215010000233	2	Bolt M8×12-8.8-ZnD GB/T 5789
47	114015063057		Maintenance-free battery options
47-1	203100000061	1	Maintenance-free battery(110Ah)
47-2	203100003158	1	Maintenance-free battery(100Ah)

6.2.2 GPS INSTALLATION OPTIONS



No.	Part No.	Qty.	Description
1	103006063019		GPS installation(1000577)
1a	203150003021	1	GPS module
1b	203150003022	1	GPS/LTE antenna(Not shown)
1c	215010003054	2	M6×25-4.8-PA66 GB/T 5783
1d	215040003034	4	Washer M6
2	105055063004		GPS installation(Hornet Rentals, not shown)
2a	105055063003	1	Cable, adapter (Huatie)
2b	203990003077	1	Hornet T-BOX

6.2.3 LEVEL SENSOR OPTIONS

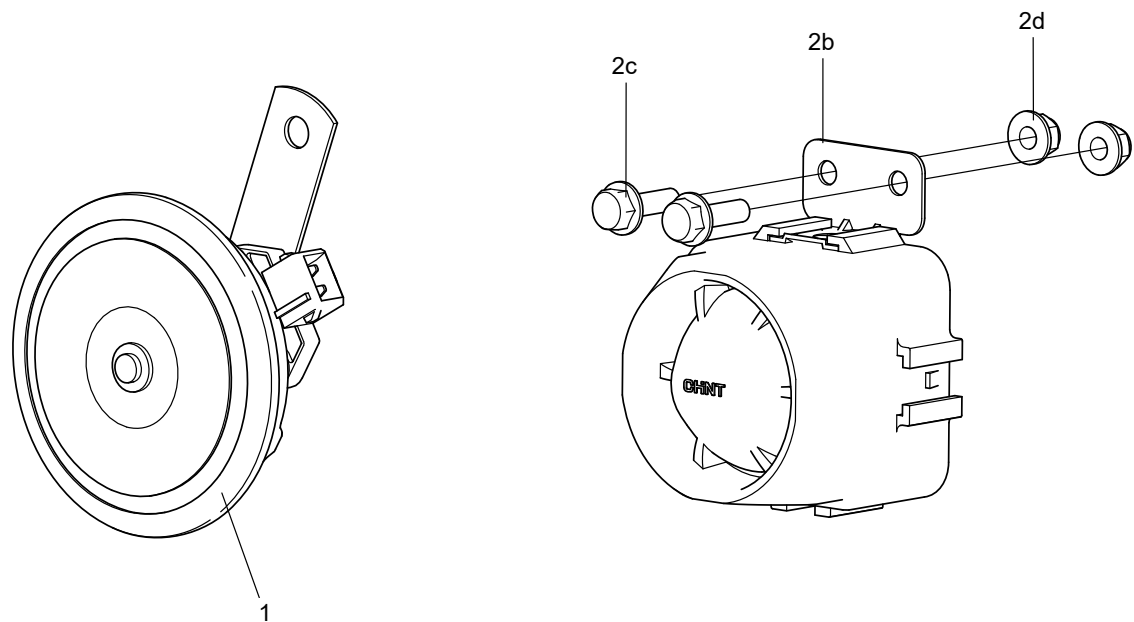


No.	Part No.	Qty.	Description
1	203060000111	1	Level switch(1000154)
2	203150000039	1	Level switch(1000135)
3	203150003000	1	Level switch(1000167)
4	203990003045	1	Angle sensor(1000787)

6.2.4 CAUTION LIGHT OPTIONS

No.	Part No.	Qty.	Description
	114012063080		Caution light option
1	203050003057	1	Caution light(Volume adjustable)
2	203050003017	1	Caution light(Fixed volume)

6.2.5 HORN OPTIONS

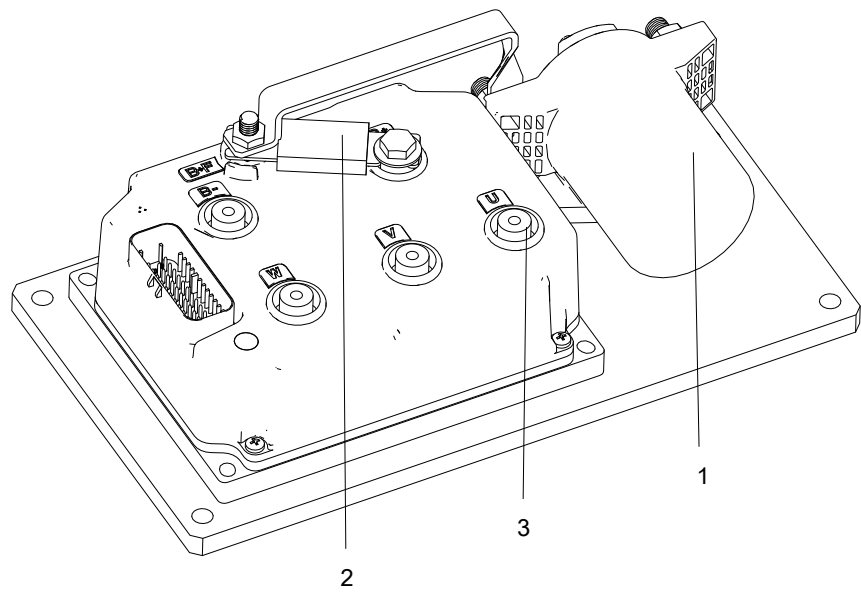


No.	Part No.	Qty.	Description
1	203050000034	1	Horn
2	114006063072	1	White noise horn installation
2a	104019063047	1	Cable, adapter (warning light)(Not shown)
2b	203050003070	1	White noise horn
2c	215010000231	2	Bolt M6×20-8.8-ZnD GB/T 5789
2d	215030000107	2	Nut M6-8-ZnD GB/T 6183.1

6.2.6 PRESSURE SENSOR OPTIONS

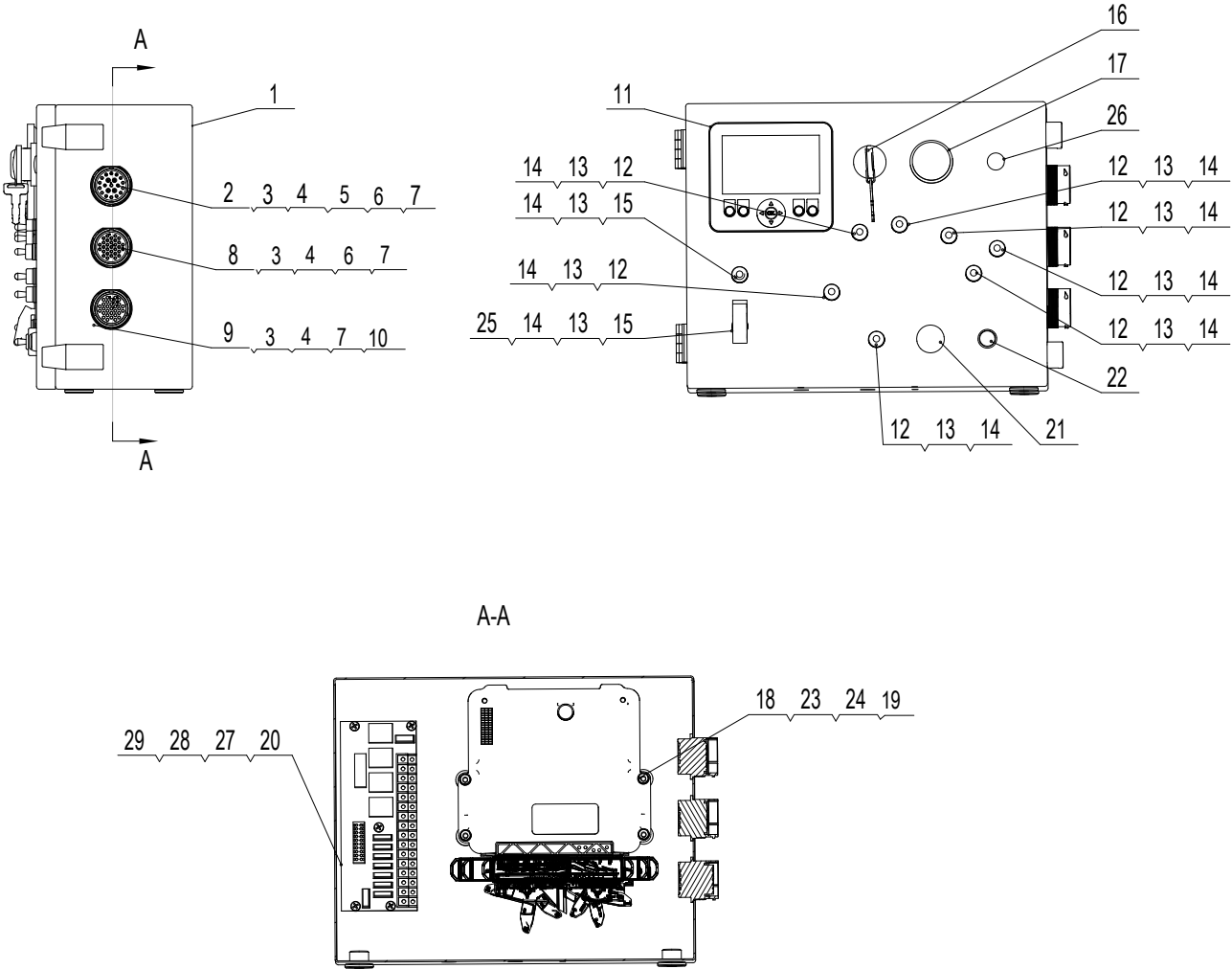
No.	Part No.	Qty.	Description
	114007063026		Pressure sensor option
1	203150003078	1	Pressure sensor(1000232)
2	203150000055	1	Pressure sensor(1000276)
3	203150003087	1	Pressure sensor(1001007)

6.2.7 MOTOR CONTROLLER ASSEMBLY (PN.203020003161)



No.	Part No.	Qty.	Description
1	203990003055	1	Contactor
2	203990003030	1	Fuse
3	203990003056	1	Motor controller

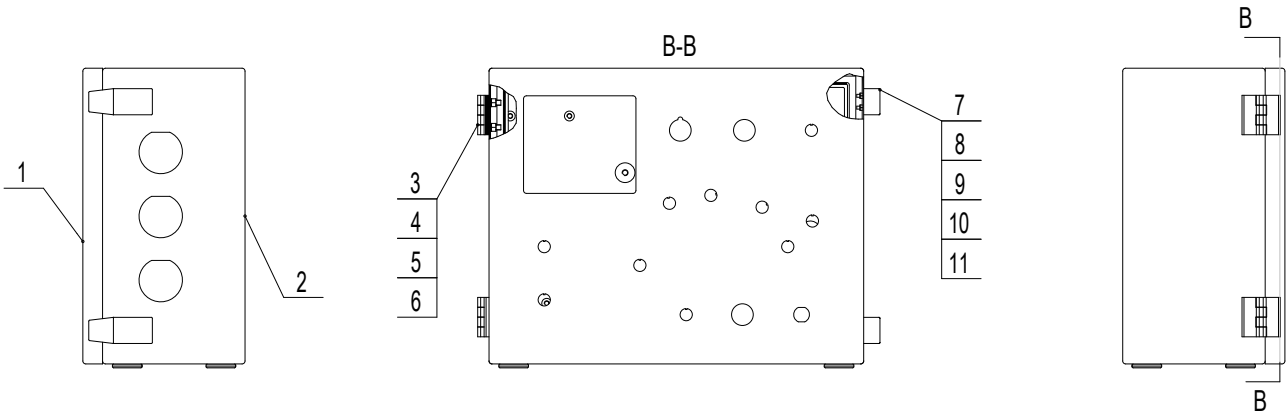
6.2.8 TURNTABLE CONTROLLER ASSEMBLY (PN.103014060007)



No.	Part No.	Qty.	Description
1	103006063003	1	Box, control (turntable)
2	203080000518	1	21-pin male terminal sheath
3	203060000098	3	Metal spring plate
4	203060000101	3	Retaining nut
5	203060000103	4	#12 male connector
6	203080000033	31	Male connector
7	203080000068	29	Blind plug
8	203080000523	1	31-pin male connector sheath
9	203080000516	1	31-pin female connector sheath
10	203080000041	19	Female connector
11	203200003001	1	Display screen
12	203060000003	7	Toggle switch
13	203080000101	9	Waterproof cap
14	203080000109	9	Nut

No.	Part No.	Qty.	Description
15	203060000021	2	Toggle switch
16	203060000066	1	Key switch
17	203060000142	1	Emergency stop switch
18	203020000038	1	Controller
19	203080000378	1	Connector, controller
20	203030000015	1	Relay integration board
21	203050003021	1	Buzzer
22	203060000020	1	Button
23	215040003034	8	Washer M6
24	215010003054	4	M6×25-4.8-PA66 GB/T 5783
25	203060000150	1	Toggle switch guard
27	215040000032	5	Washer 5-A2 GB/T 97.1
28	215040000003	5	Washer 5-A2-70 GB/T 93
29	215020000110	5	Screw M5×12-A2-70 GB/T 818
30	103006063023	1	PC film, control box (turntable)(Not shown)
31	103014060019	1	Ground controller wiring diagram(See details)
32	103014060015	1	Turntable controller mask(Not shown)

6.2.9 TURNTABLE CONTROLLER (PN.103014060024)



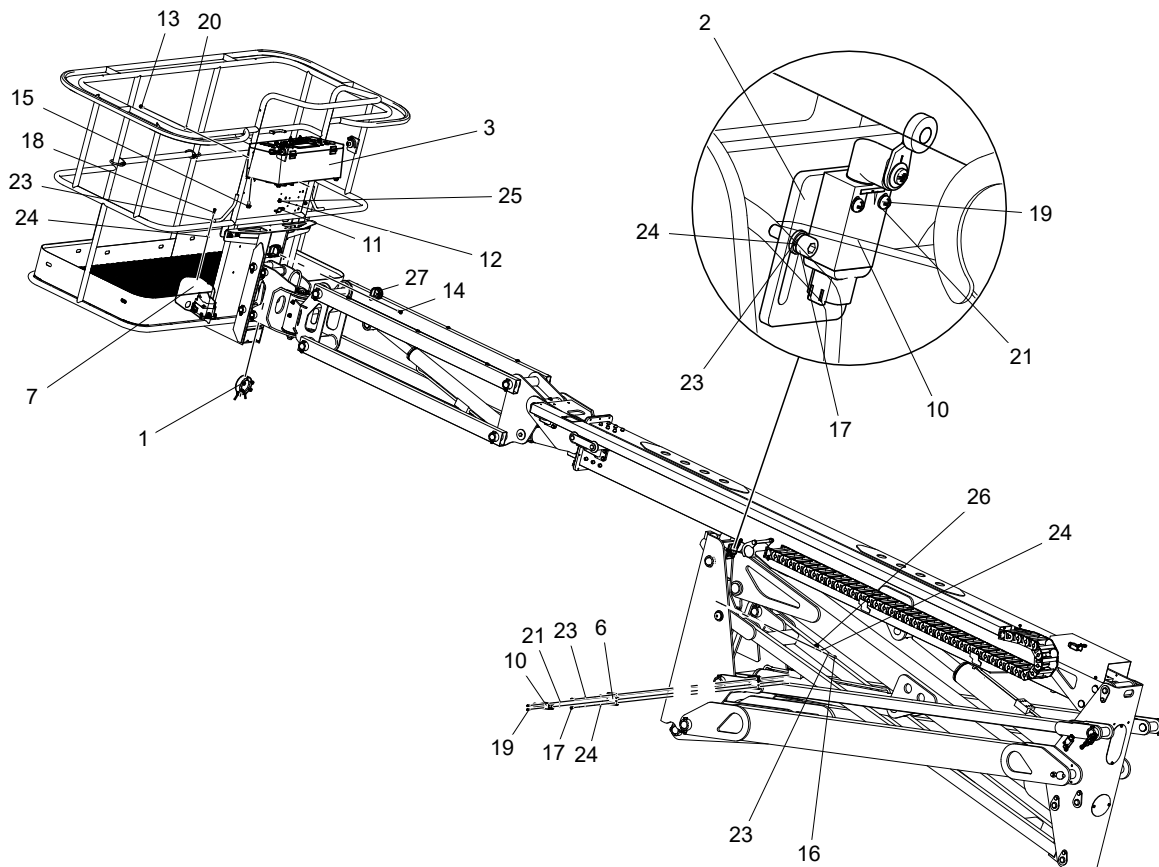
No.	Part No.	Qty.	Description
1	103014060017	1	Turntable controller panel assembly
2	103006060022	1	ASSY, base (control box, turntable)
3	209050000022	2	Hinge
4	215040000003	8	Washer 5-A2-70 GB/T 93
5	215040000032	8	Washer 5-A2 GB/T 97.1
6	215030000003	8	Nut M5-A2-70 GB/T 6170
7	203060000025	2	Latch
8	215040000030	12	Washer 3-A2 GB/T 97.1
9	215040000001	12	Washer 3-A2-70 GB/T 93
10	215020000100	12	Screw M3×10-A2-70 GB/T 818
11	215030000001	12	Nut M3-A2-70 GB/T 6170

No.	Part No.	Qty.	Description
1	203080003543	2	Terminal, tubular (pre-insulated)
2	203080000036	4	Cold-pressed terminal
3	203080003514	30	Terminal, FOT
4	203080000022	1	Heat shrink tube
5	203080000044	1	Sheath
6	203080000020	1	Lock
7	203080003216	1	Sheath
8	203080003218	7	AMP terminal
9	203080000562	5	Thin-wall wire
10	203080000563	7	Thin-wall wire
11	203080000564	15	Thin-wall wire
12	203080000404	2	Sheath
13	203080000032	2	Lock
14	203080000041	8	Female connector
15	203080000068	3	Blind plug
16	203080000473	2	Waterproof cover
17	203080000405	1	Sheath
18	203080000046	1	Lock
19	203080000033	2	Male connector
20	203080000086	1	Connector
21	203080003532	1	Sheath
22	203080003533	1	Lock
23	203060000085	6	#20 female terminal
24	203080000085	6	Blind plug

No.	Part No.	Qty.	Description
1	203080000515	1	31-pin male sheath
2	203080000033	24	Male connector
3	203080000520	1	31-pin female terminal sheath
4	203080000041	119	Female connector
5	203080000068	31	Blind plug
6	203080000517	1	21-pin female terminal sheath
7	203060000097	4	#12 female terminal
8	203080000404	4	Sheath
9	203080000032	4	Lock
10	203080000410	20	Sheath
11	203080000016	20	Lock
12	203080000044	3	Sheath
13	203080000020	3	Lock
14	203080000492	1	Waterproof cover
15	203080000427	1	Sheath
16	203080000428	2	Female pin
17	203080000429	1	Waterproof cap
18	203080000414	1	Sheath
19	203080000159	1	Lock
20	203080003289	5	Corrugated pipe
21	203080003288	4	Corrugated pipe
22	203080000037	2	Corrugated pipe
23	203080000135	1	Corrugated pipe (Black)
24	203080003286	1	Corrugated pipe
25	203080000100	2	Connector
26	203080000112	2	Lock
27	203080000564	80	Thin-wall wire
28	203080000563	30	Thin-wall wire
29	203080000562	15	Thin-wall wire
30	203080000133	2	Terminal, blade-hole type
31	203080000292	1	Sheath
32	203080000287	1	Seal ring
33	203080000291	1	Sheath
34	203080000297	1	Seal ring
35	203080000130	4	Terminal
36	203080000018	2	Ring tongue terminal

6.3 BOOM ELECTRICAL SYSTEM

6.3.1 BOOM ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	103006060034		Load sensor options
2	103006063016	1	Mounting plate,travel switch
3	103011063013	1	Platform controller assembly
4	103014060018	1	Platfrom harness(Not shown)
5	103014060021	1	Chain cable diagram(Not shown)
6	104009060027	2	Mounting plate, travel switch
7	114015063052		Foot switch options
8	114019060031	1	Harness, platform(Not shown)
9	203050003040	1	Voice horn
10	203060000146	6	Limit switch
11	203080000525	1	Metal mounting clamp
12	215010000041	1	Bolt M5×12-A2-70 GB/T 5783
13	215010000231	2	Bolt M6×20-8.8-ZnD GB/T 5789
14	215010000232	2	Bolt M6×25-8.8-ZnD GB/T 5789
15	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
16	215020000010	1	Screw M6×12-A2-70 GB/T 70.1
17	215020000012	8	Screw M6×20-A2-70 GB/T 70.1
18	215020000013	1	Screw M6×25-A2-70 GB/T 70.1
19	215020000108	12	Screw M4×25-A2-70 GB/T 818
20	215030000107	2	Nut M6-8-ZnD GB/T 6183.1
21	215040000002	12	Washer 4-A2-70 GB/T 93
22	215040000003	1	Washer 5-A2-70 GB/T 93
23	215040000004	10	Washer 6-A2-70 GB/T 93
24	215040000033	10	Washer 6-A2 GB/T 97.1
25	215040000132	1	Washer 5-200HV-A2 GT/B 96.1
26	216020000023	1	Retaining ring
27	216020000025	2	Retaining ring
	103005040002		Platform
	103007010003		Boom components

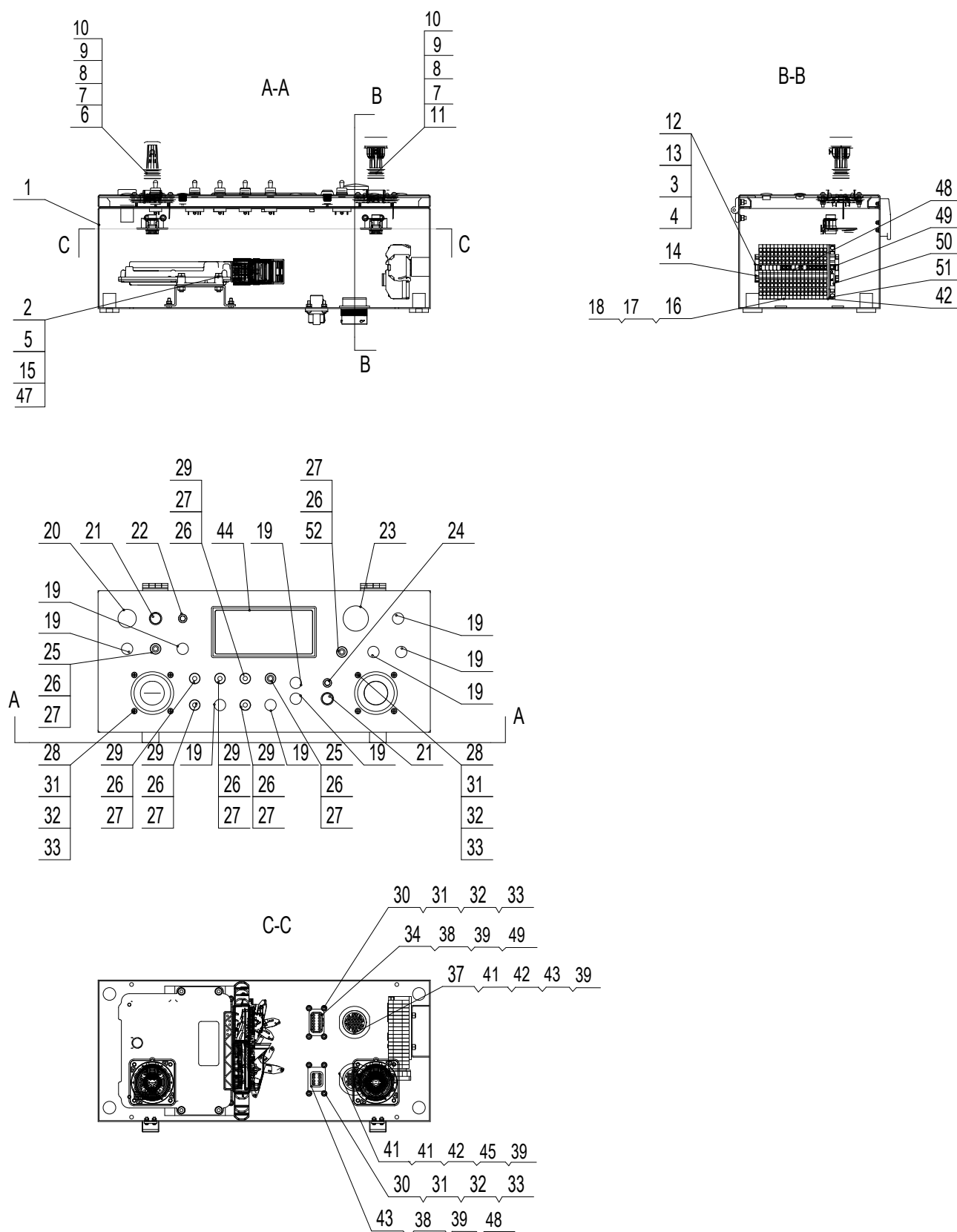
6.3.2 LOAD SENSOR OPTIONS

No.	Part No.	Qty.	Description
1	215010000232	4	Bolt M6×25-8.8-ZnD GB/T 5789
2-1	203150003038	1	Load sensor(Dual channel, 1000805)
2-2	203150000069	1	Load sensor(Single channel, 1000232)
2-3	203150000070	1	Load sensor(Dual channel, 1000232)
2-4	203150003039	1	Load sensor(Single channel, 1000805)
2-5	203150003041	1	Load sensor(Single channel, 1000086)

6.3.3 FOOT SWITCH OPTIONS

No.	Part No.	Qty.	Description
	114015063052		Foot switch options
1	203060003146	1	Foot Switch(1000077)
2	203060000009	1	Heavy-duty foot switch(1000094)

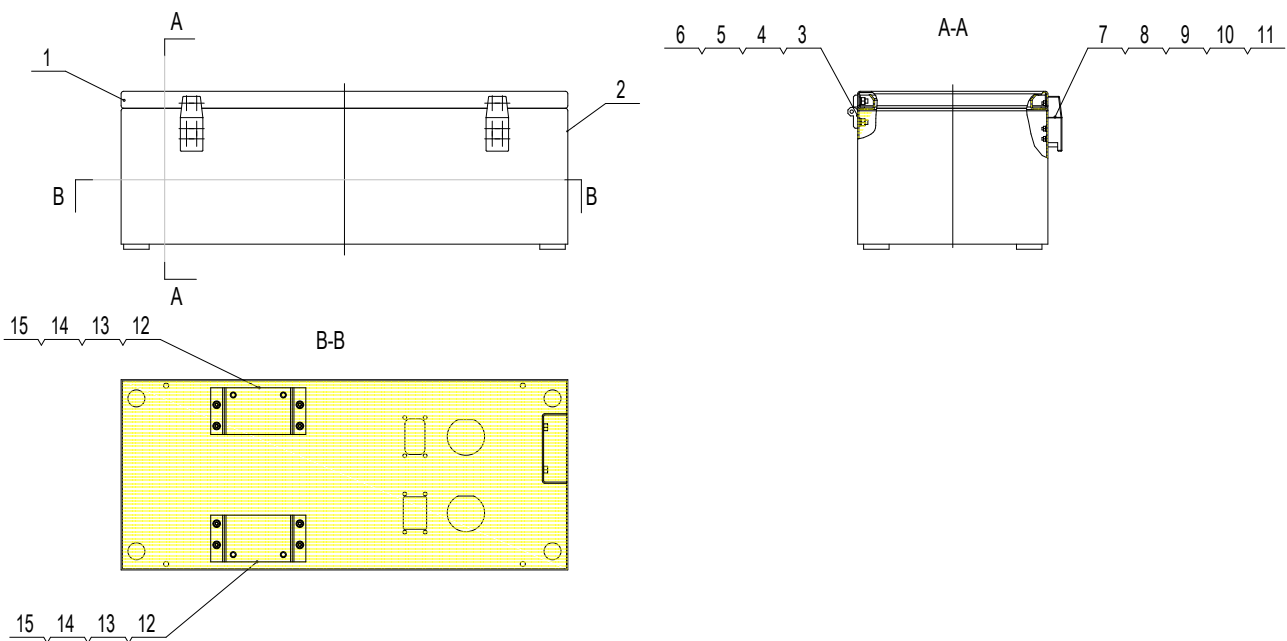
6.3.4 PLATFORM CONTROLLER ASSEMBLY (PN.103011063013)



No.	Part No.	Qty.	Description
1	103006063032	1	Box, control (platform)(See details)
2	203020000038	1	Controller
3	215040000003	2	Washer 5-A2-70 GB/T 93
4	215040000032	2	Washer 5-A2 GB/T 97.1
5	215010003054	4	M6×25-4.8-PA66 GB/T 5783
6	203060003084	1	Dual-axis, ball-headed joystick
7	203080000019	2	6-pin socket lock
8	203060000014	2	Handle connector
9	203080000085	4	Blind plug
10	203080000099	8	Terminal
11	203060003081	1	Single-axis joystick
12	203990000001	1	Guide rail
13	215020000109	2	Screw M5×10-A2-70 GB/T 818
14	203080003053	2	Terminal block
15	215040003034	8	Washer M6
16	203080003051	18	Common terminal
17	203080003056	1	Terminal label 1-10
18	203080003055	1	Terminal label 11-20
19	105045060004	9	Controller plug
20	203050003021	1	Buzzer
21	203060000020	2	Button
22	203050003014	1	Indicator light
23	203060000142	1	Emergency stop switch
24	203050003015	1	Indicator light
25	203060000021	2	Toggle switch
26	203080000109	8	Nut
27	203080000101	8	Waterproof cap
28	215020000107	8	Screw M4×20-A2-70 GB/T 818
29	203060000003	5	Toggle switch
30	215020000106	8	Screw M4×16-A2-70 GB/T 818
31	215040000031	24	Washer 4-A2 GB/T 97.1
32	215040000002	16	Washer 4-A2-70 GB/T 93
33	215030000002	16	Nut M4-8-A2-70 GB/T 6170
34	203060000090	1	12-pin male connector sheath, with flange
35	203080000033	21	Male connector
36	203080000068	49	Blind plug
37	203080000516	1	31-pin female connector sheath
38	203060000098	2	Metal spring plate
39	203060000101	2	Retaining nut

No.	Part No.	Qty.	Description
40	203080000041	12	Female connector
41	203080000523	1	31-pin male connector sheath
42	203080003052	1	End plate
43	203060000088	1	8-pin male connector sheath, with flange
44	203200003002	1	Gauge
45	203080000126	1	Lock
46	203080000157	1	Lock
47	203080000378	1	Connector, controller
48	203080003058	8	Jumper
49	203080003057	1	Fuse terminal
50	203070000053	1	Plug-in fuse
51	203080003059	1	End plate
52	203060000035	1	Toggle switch
53	103006063028	1	Platform controller PC mask(Not shown)
54	103006063027	1	Platform controller face mask(Not shown)
55	103011063009	1	Platform Control Box Harness(See details)

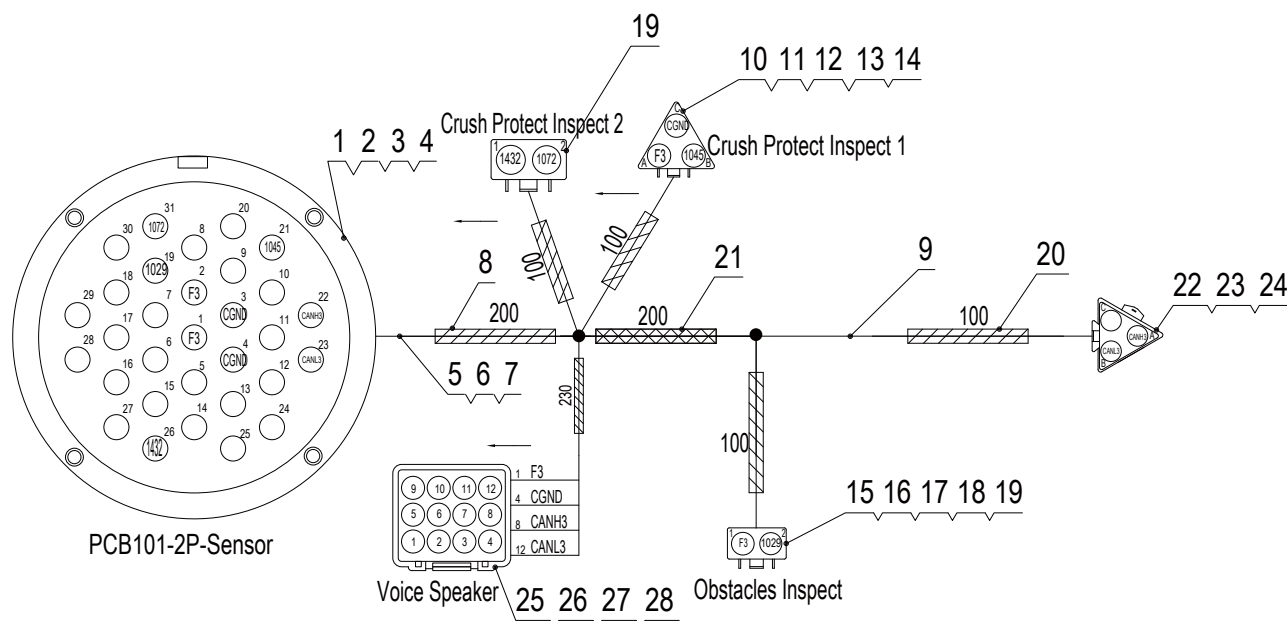
6.3.5 PLATFORM CONTROLLER (PN.103006063032)



No.	Part No.	Qty.	Description
1	103006063031	1	ASSY, panel (control box, platform)
2	103006060002	1	ASSY, base (control box, platform)
3	209050000022	2	Hinge
4	215040000003	8	Washer 5-A2-70 GB/T 93
5	215040000032	8	Washer 5-A2 GB/T 97.1
6	215030000003	8	Nut M5-A2-70 GB/T 6170
7	203060000025	2	Latch
8	215040000030	12	Washer 3-A2 GB/T 97.1
9	215040000001	12	Washer 3-A2-70 GB/T 93
10	215020000100	12	Screw M3×10-A2-70 GB/T 818
11	215030000001	12	Nut M3-A2-70 GB/T 6170
12	103006060005	2	Holder assembly
13	215040000031	8	Washer 4-A2 GB/T 97.1
14	215040000002	8	Washer 4-A2-70 GB/T 93
15	215030000002	8	Nut M4-8-A2-70 GB/T 6170

No.	Part No.	Qty.	Description
	103011063009	1	Platform Control Box Harness
1	203080003514	27	Terminal, FOT
2	203080000036	4	Cold-pressed terminal
3	203080000404	1	Sheath
4	203080000032	1	Lock
5	203080000041	6	Female connector
6	203080000473	1	Waterproof cover
7	203080000405	3	Sheath
8	203080000046	3	Lock
9	203080000033	6	Male connector
10	203080000068	4	Blind plug
11	203080000086	3	Connector
12	203080000562	4	Thin-wall wire
13	203080000563	3	Thin-wall wire
14	203080000564	10	Thin-wall wire
15	216020000020	30	Cable tie, nylon
16	203080000044	1	Sheath
17	203080000020	1	Lock
18	203080003543	2	Terminal, tubular (pre-insulated)

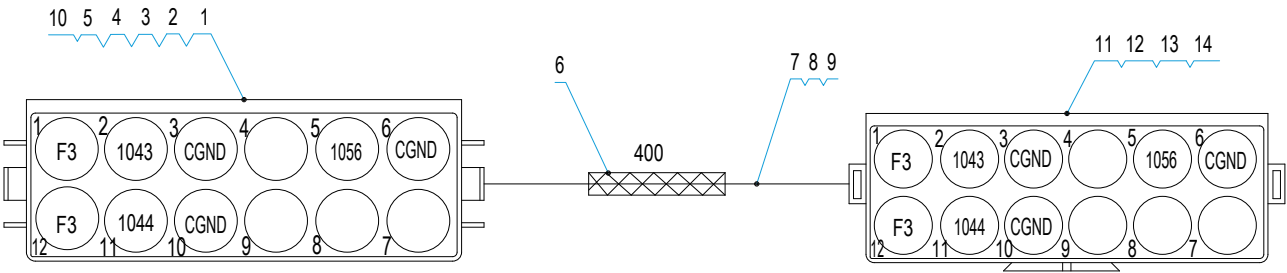
6.3.7 PLATFORM HARNESS (PN.103014060018)



No.	Part No.	Qty.	Description
1	203080000515	1	31-pin male sheath
2	203080000068	24	Blind plug
3	203080000033	10	Male connector
4	203060000096	1	180 deg. end clip
5	203080000562	1	Thin-wall wire
6	203080003326	1	Cable, thin wall
7	203080000564	1	Thin-wall wire
8	203080000419	1	Nylon hose, closed-end
9	203080003313	1	Cable, thin wall
10	203080000041	5	Female connector
11	203080000404	1	Sheath
12	203080000032	1	Lock
13	203080000508	1	End clip
14	203080000473	1	Waterproof cover
15	203080000410	2	Sheath
16	203080000016	2	Lock
17	203080000437	2	End attachments, 2-pin, female
18	203080000448	2	Rubber part
19	203080000474	2	Waterproof cover
20	203080000463	1	Nylon hose, closed-end
21	203080000037	1	Corrugated pipe
22	203080000405	1	Sheath

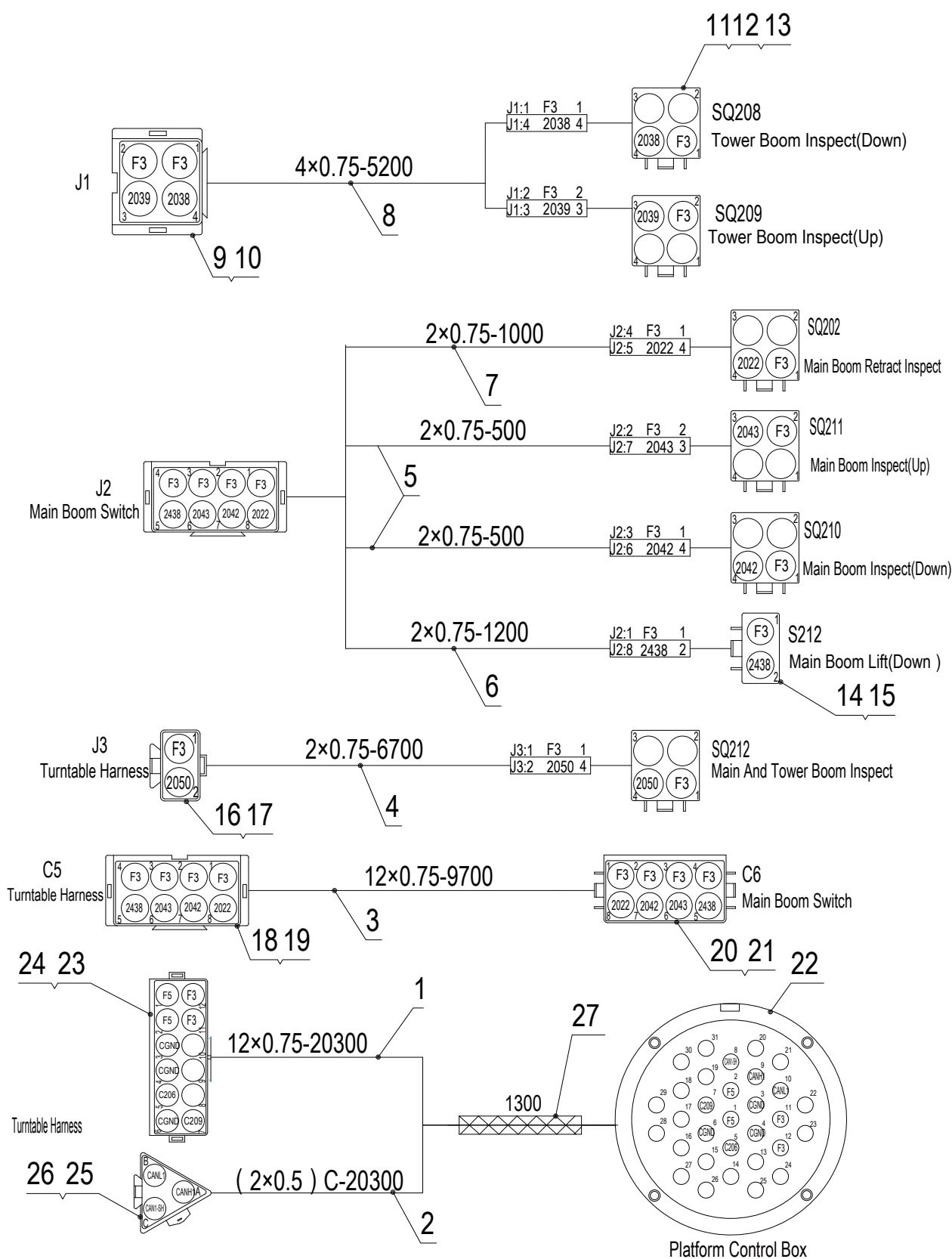
No.	Part No.	Qty.	Description
23	203080000046	1	Lock
24	203080000086	1	Connector
25	203080003584	1	Sheath
26	203080003585	4	Terminal
27	203080003586	4	Seal Ring
28	203080003587	12	Blind Plugging

6.3.8 PLATFORM HARNESS (PN.114019060031)



No.	Part No.	Qty.	Description
	114019060031	1	Harness, platform
1	203080000155	1	Connector
2	203080000159	1	Lock
3	203080000041	8	Female connector
4	203080000068	8	Blind plug
5	203080003001	1	End clip
6	203080000037	1	Corrugated pipe
7	203080000562	2	Thin-wall wire
8	203080000563	2	Thin-wall wire
9	203080000564	1	Thin-wall wire
10	203080003010	1	Nut
11	203080000403	1	Sheath
12	203080000157	1	Lock
13	203080000033	8	Male connector
14	203080000459	1	End clip

6.3.9 CABLE TRACK DIAGRAM (PN.103014060021)



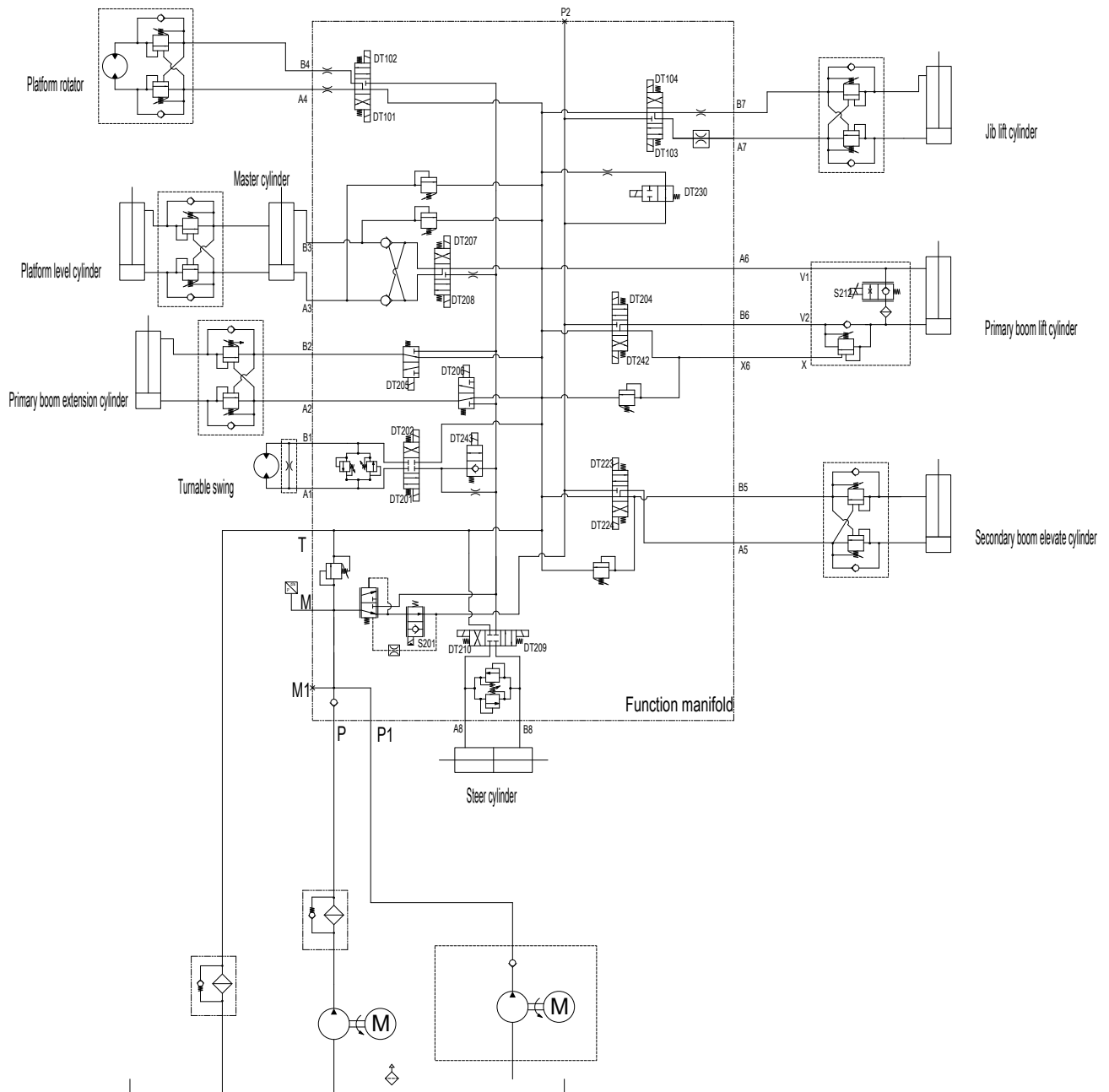
No.	Part No.	Qty.	Description
1	203230003329	1	Drag chain cable
2	203230003328	1	Drag chain cable (CAN Bus)
3	203230003340	1	Drag chain cable
4	203230003341	1	Drag chain cable
5	203230000634	2	Drag chain cable
6	203230000636	1	Drag chain cable
7	203230000635	1	Drag chain cable
8	203230003342	1	Drag chain cable
9	203080000054	1	Sheath
10	203080000088	1	Lock
11	203080000044	6	Sheath
12	203080000020	6	Lock
13	203080000068	34	Blind plug
14	203080000410	1	Sheath
15	203080000016	1	Lock
16	203080000408	1	Sheath
17	203080000021	1	Lock
18	203080000413	2	Sheath
19	203080000126	2	Lock
20	203080000406	1	Sheath
21	203080000112	1	Lock
22	203080000520	1	31-pin female terminal sheath
23	203080000403	1	Sheath
24	203080000157	1	Lock
25	203080000405	1	Sheath
26	203080000046	1	Lock
27	203080003285	1.3	Corrugated pipe

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7 SCHEMATIC DIAGRAM

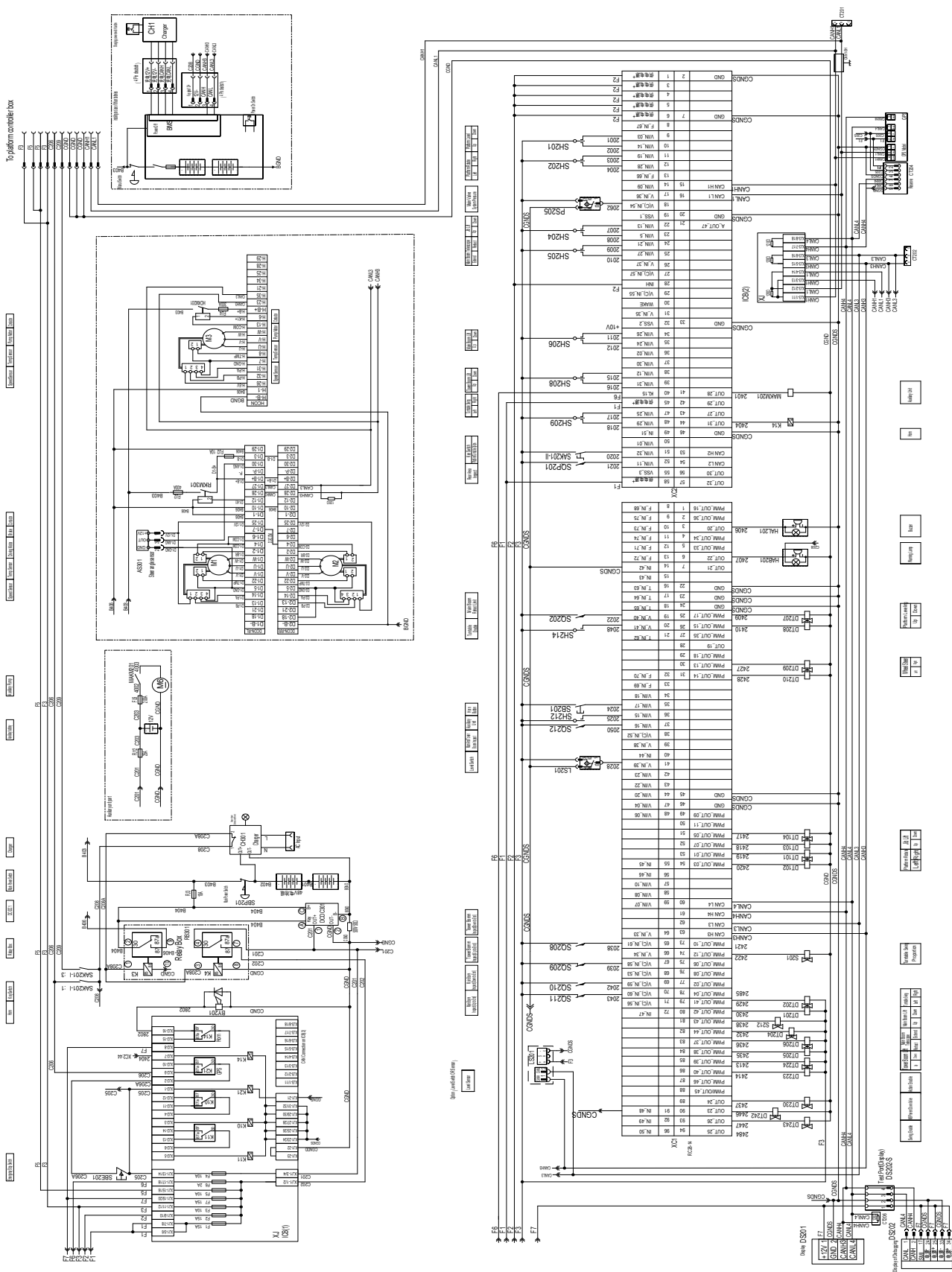
7.1 HYDRAULIC SCHEMATIC DIAGRAM

Hydraulic Schematic Diagram

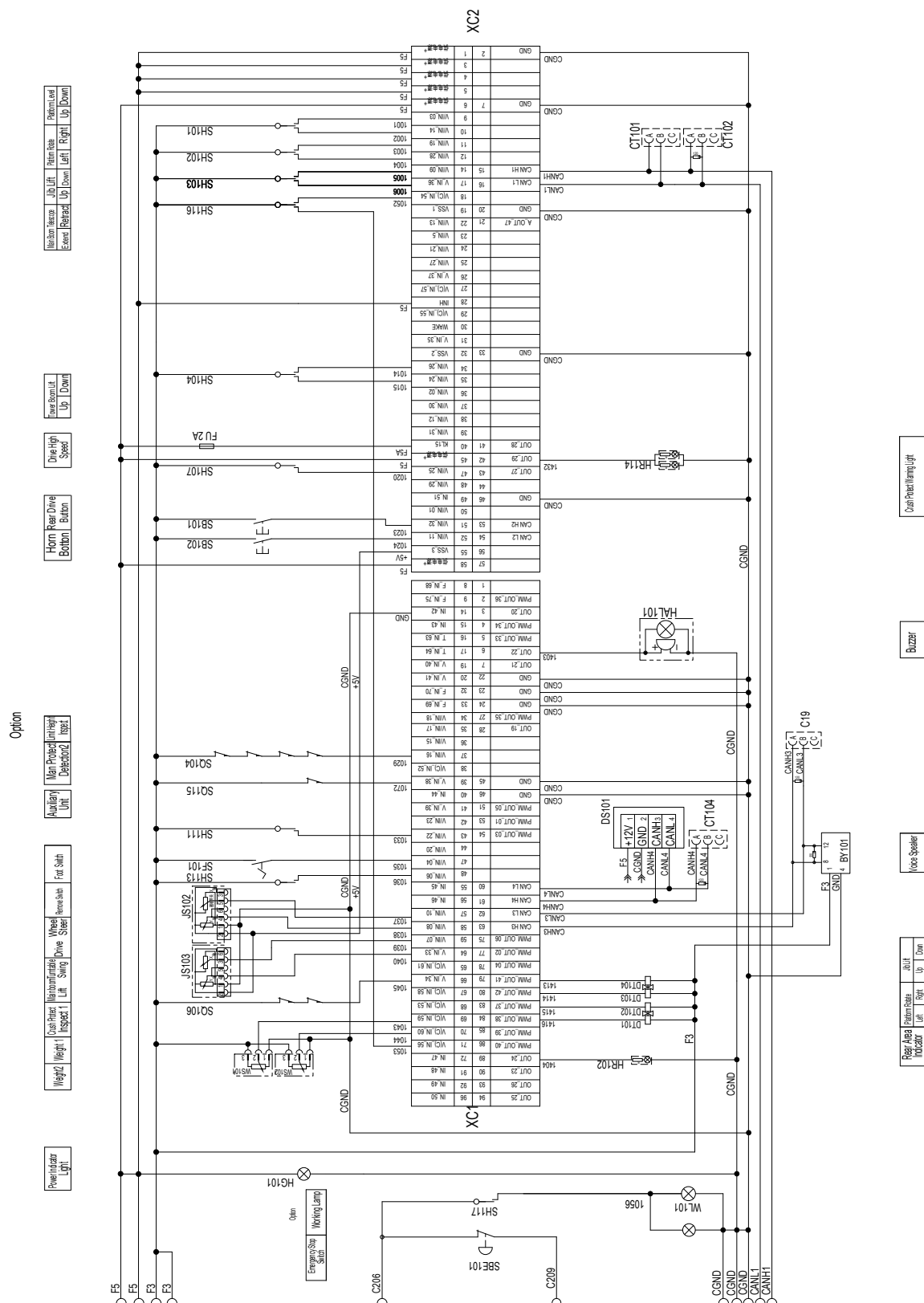


7.2 ELECTRICAL SCHEMATIC DIAGRAM

Electrical Schematic Diagram of Turntable (Rexroth)



Electrical Schematic Diagram of Platform (Rexroth)



8 DECALS DIAGRAM

Decals Diagram - AB16EJ

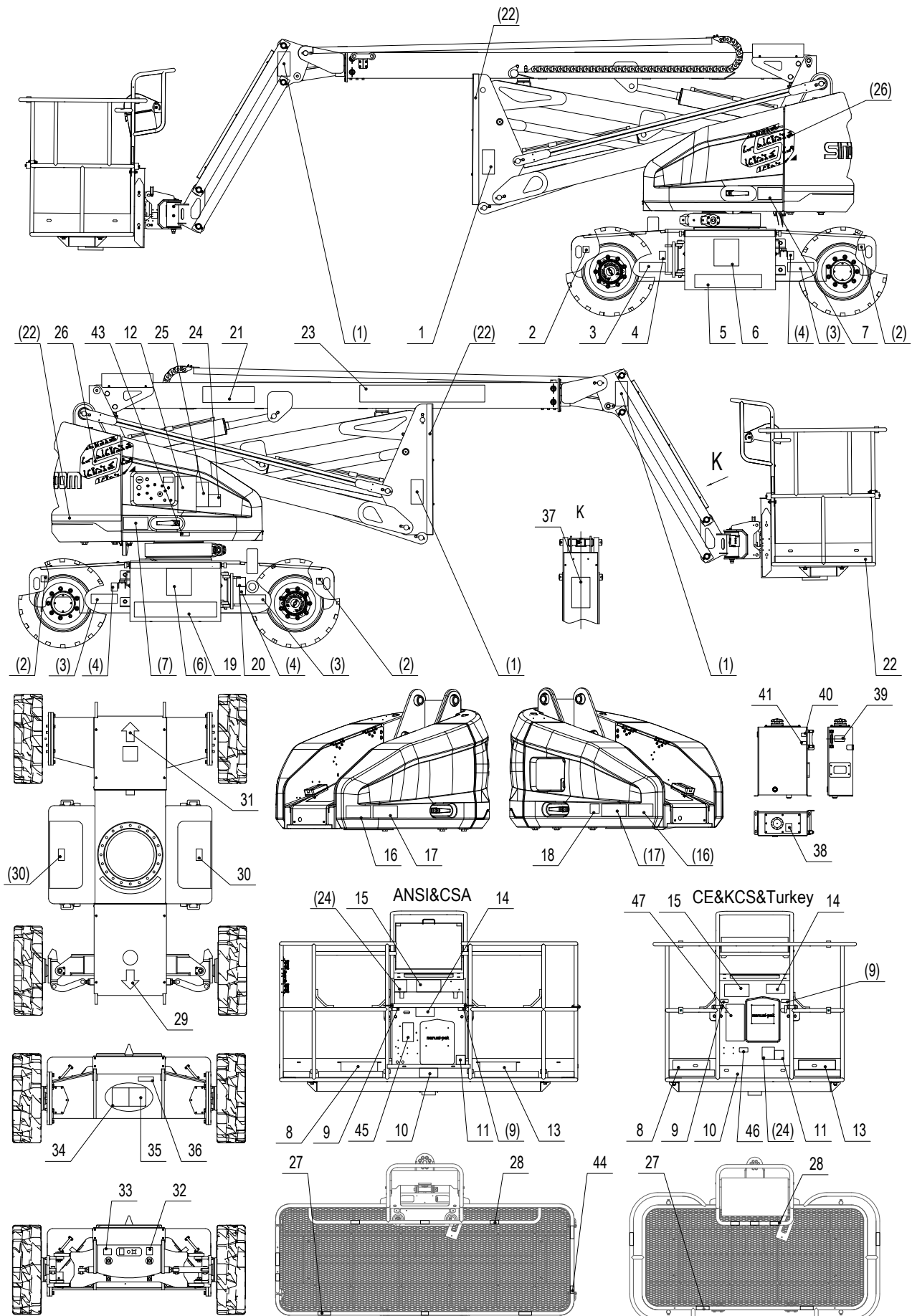


Table 8-1 Description of Decals - AB16EJ

No.	ANSI & CSA	CE-Imperial	CE-Metric	Turkey	KCS	Description	Quantity
	103014100049	103014100003	103014100004	Decals Diagram	103014100047	General decals diagram	1
1	104011100011	104011100011	104011100011	104011100011	104011100011	Decal - Crushing hazard	4
2	104011100002	104011100002	104011100002	104011100002	104011100002	Decal - Lifting point	4
3	104011100001	104011100001	104011100001	104011100001	104011100001	Decal - Tipping hazard	4
4	103014100048	103014100048	103014100048	103014100048	103014100048	Decal-Ground pressure 3760kg	4
5	103003100009	103003100009	103003100009	103003100009	103003100009	Decal - Contact information	1
6	114006103011	114006103011	114006103011	114006103011	114006103011	Decal - Lead acid battery	2
7	104011100006	104011100006	104011100006	104011100006	104011100006	Decal-Compartment overhaul	2
8	103007103002	103007103002	103007103002	103007103002	103007103002	Decal - Tipping hazard	1
9	103006103014	103006103014	103006103014	103006103014	103006103014	Decal - Anchorage point	2
10	104011100019	104011100019	104011100019	104011100019	104011100019	Decal - Crushing hazard	1
11	105064103022	105064103022	105064103022	105064103022	105064103022	Decal - Foot switch	1
12	104011100020	104011100020	104011100020	/	/	Decal - General safety instructions	1
13	103007103001	103007103001	103007103001	103004103003	103004103003	Decal - Rated platform capacity of 230kg	1
14	104011100009	104011100009	104011100009	104011100009	104011100009	Decal - Refer to the manuals	1
15	104011100015	104011100015	104011100015	104011100015	104011100015	Decal - Tipping hazard	1
16	104011100007	104011100007	104011100007	104011100007	104011100007	Decal - Tipping hazard	2
17	104011100013	104011100013	104011100013	104011100013	104011100013	Decal - Electrocution hazard	2
18	101016100034	101016100034	101016100034	101016100034	101016100034	Decal - Noise level of 72dB	1
19	105032103020	105032103020	105032103020	105032103020	105032103020	Decal - Contact information	1
20	115008100017	115008100017	115008100017	115008100017	115008100017	Decal - Emergency stop button	1
21	103007103005	103007103005	103007103007	103007103007	103007103007	Decal - Trade name	1
22	216060000002	216060000002	216060000002	216060000002	216060000002	Yellow & black hazard warning stripe tape	7

Table 8-1 Description of Decals - AB16EJ (continue)

No.	ANSI & CSA	CE-Imperial	CE-Metric	Turkey	KCS	Description	Quantity
23	105058103003	105058103003	105058103003	105058103003	105058103003	LOGO-SINOBOOM (small)	1
24	103006103021	103006103021	103006103021	103006103021	103006103021	Decal – Tipping hazard	2
25	104023103025	104023103025	104023103025	104023103025	104023103025	Decal - Emergency lowering (AB)	1
26	103008103006	103008103006	103008103006	103008103006	103008103006	LOGO-Symbol (small)	2
27	104011100021	104011100021	104011100021	104011100021	104011100021	Decal - Crushing hazard	4
28	101079103034	101079103034	101079103034	101079103034	101079103034	Decal – Handle hold position	3
29	103006103011	103006103011	103006103011	103006103011	103006103011	Decal – Direction marking	1
30	101012100001	101012100001	101012100001	101012100001	101012100001	Decal - No smoking or fire	2
31	103006103012	103006103012	103006103012	103006103012	103006103012	Decal – Direction marking	1
32	101065103008	101065103008	101065103008	101065103008	101065103008	Decal – Charging plug(220-240V,3KW)	1
33	101012100010	101012100010	101012100010	101012100010	101012100010	Decal – Electrocution hazard	1
34	215050000001	215050000001	215050000001	215050000001	215050000001	Blind rivet 3×8-ZnD	4
35	103004103005	103010103024	103010103024	103010103031	105030103003	Nameplate	1
36	101014100032	101014100032	101014100032	101014100032	101014100032	Decal – Machine serial number	1
37	104011100012	104011100012	104011100012	104011100012	104011100012	Decal – Fall hazard	1
38	102012103009	102012103009	102012103009	102012103009	102012103009	Decal – Hydraulic oil marking	1
39	104010100021	104010100021	104010100021	104010100021	104010100021	Decal – Applicable temperature range	1
40	104011100010	104011100010	104011100010	104011100010	104011100010	Decal – Hydraulic oil level	1
41	104011100003	104011100003	104011100003	104011100003	104011100003	Decal – Hydraulic oil level	1
43	101040103015	/	/	/	/	Decal – Annual inspection date	1
44	103010103014	/	/	/	/	Decal – Non-insulated	3
45	105029103023	/	/	/	/	Decal – Operation instructions	1

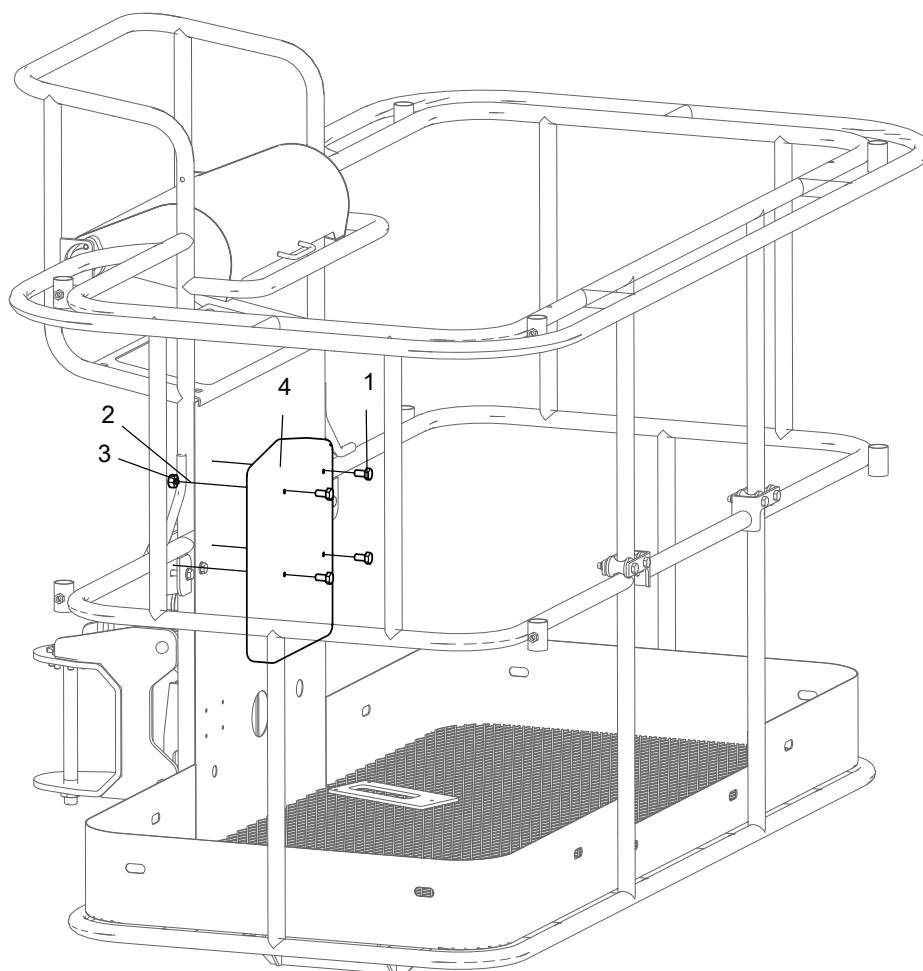
Table 8-1 Description of Decals - AB16EJ (continue)

No.	ANSI & CSA	CE-Imperial	CE-Metric	Turkey	KCS	Description	Quantity
46	/	/	103006103015	103006103015	103006103015	Decal-230V	1
47	/	/	/	104011100020	104011100020	Decal – General safety instructions	1

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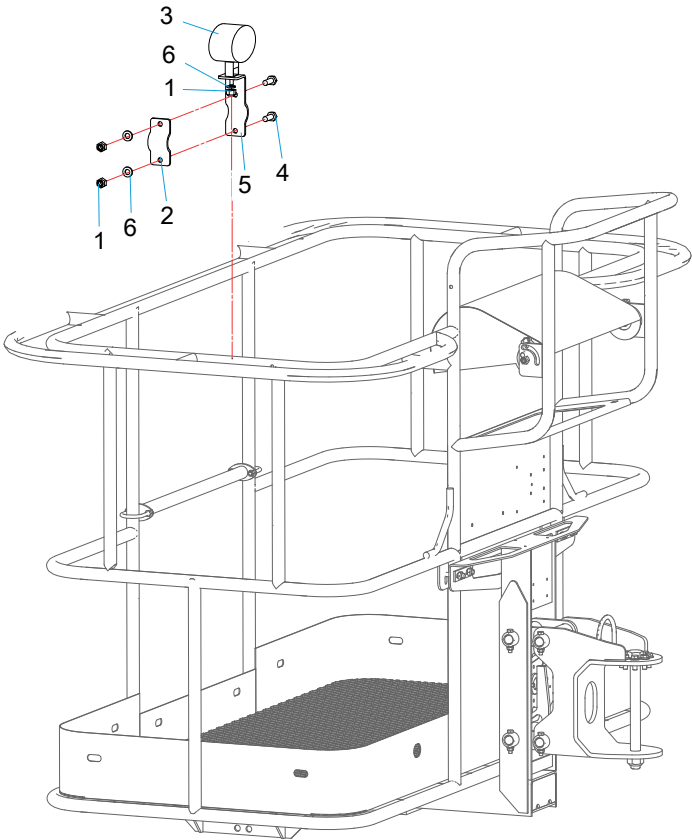
9 OPTIONS

9.1 MANUAL STORAGE CONTAINER INSTALLATION



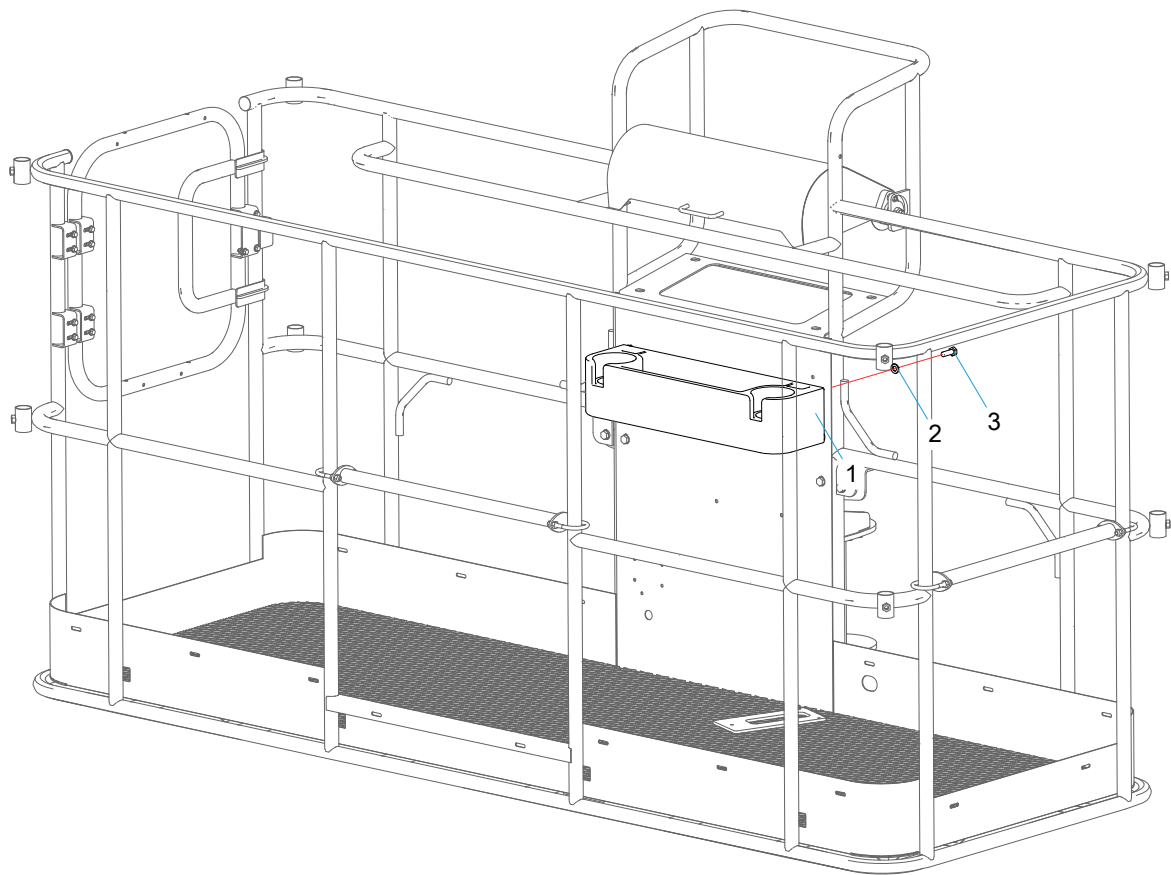
No.	Part No.	Qty.	Description
1	215010000049	4	Bolt M6×12-A2-70 GB/T 5783
2	215040000004	4	Washer 6-A2-70 GB/T 93
3	215030000004	4	Nut M6-A2-70 GB/T 6170
4	216070000001	1	Manual storage container

9.2 WORK LIGHT INSTALLATION



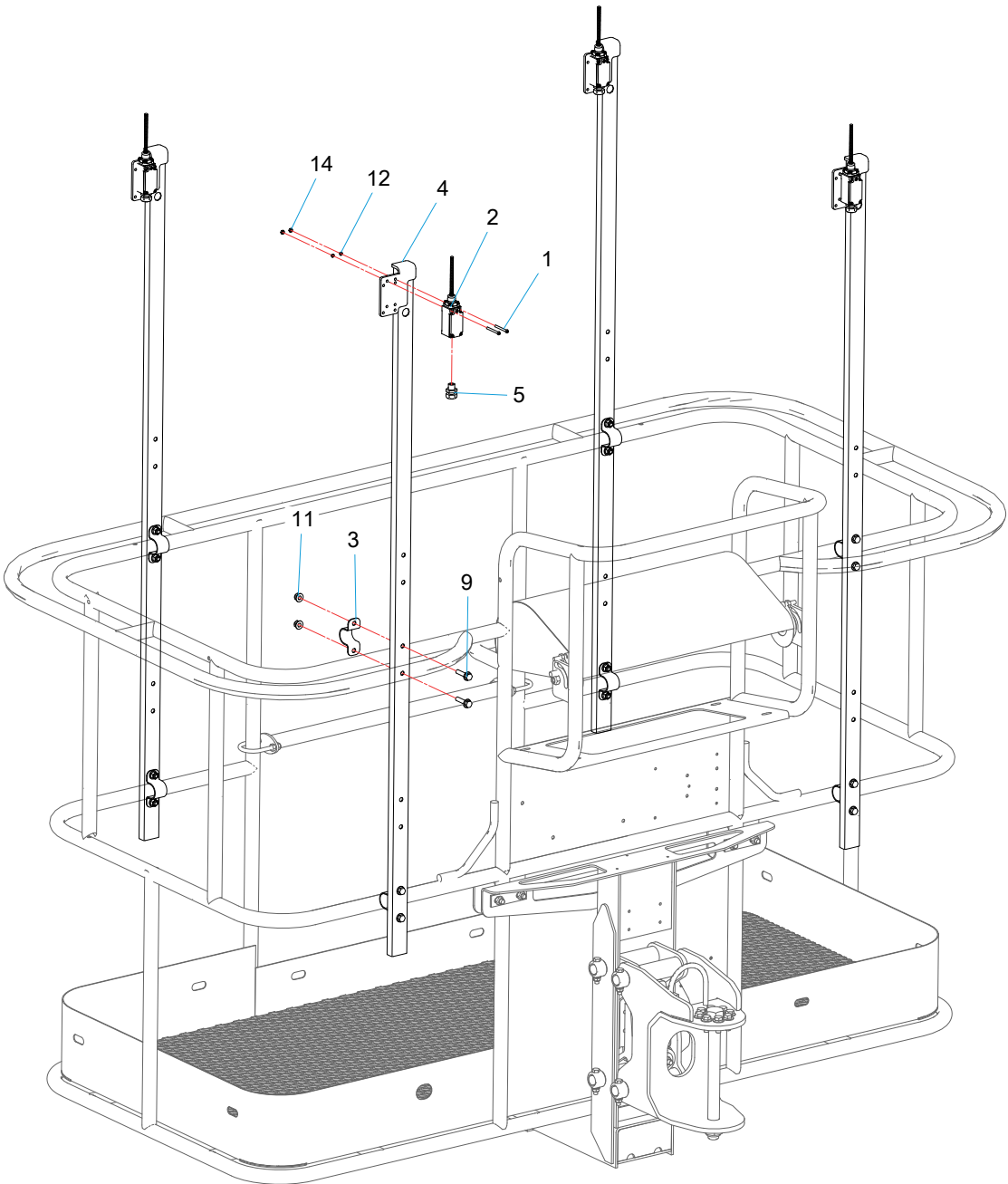
No.	Part No.	Qty.	Description
1	215030000026	3	Nut M8-8-ZnD GB/T889.1
2	105017060067	1	Plate
3	203050000059	1	Lighting lamp
4	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
5	105017060066	1	Plate
6	215040000034	3	Washer 8-200HV-ZnD GB/T 97.1
7	203080000104	2	Cable, copper-cored(Not shown)
8	203080000033	2	Male connector(Not shown)
9	203080000021	1	Lock(Not shown)
10	203080000011	1	Sheath(Not shown)

9.3 TOOL BOX INSTALLATION



No.	Part No.	Qty.	Description
	105064043064	1	Tool box installation
1	105064043066	1	Tool box
2	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
3	215010000071	4	Bolt M10×30-8.8-ZnD GB/T 5783

9.4 OVERHEAD PROTECTION INSTALLATION



No.	Part No.	Qty.	Description
1	215020000213	8	Screw M4×40-A2-70 GB/T 818
2	203060000056	4	Travel switch
3	103011043003	8	Plate
4	105064043216	4	Steel pipe,overhead
5	203990000005	4	Nylon waterproof connector
6	203080000021	1	Lock(Not shown)
7	203080000041	2	Female connector(Not shown)
8	203080000016	1	Lock(Not shown)
9	215010000296	16	Bolt M8×35-8.8 ZnD GB/T 5789
10	203080000033	2	Male connector(Not shown)
11	215030000108	16	Nut M8-8-ZnD GB/T 6183.1
12	215040000002	8	Washer 4-A2-70 GB/T 93
13	203080000011	1	Sheath(Not shown)
14	215030000002	8	Nut M4-8-A2-70 GB/T 6170
15	203080000024	1	Sheath(Not shown)

9.1 OIL OPTIONS

9.1.1 HYDRAULIC OIL OPTIONS

No.	Part No.	Qty.	Description
1	305070000006	1	Hydraulic oil(L-HS32)
2	305070000003	1	Hydraulic oil(HV-32)
3	305070000007	1	Hydraulic oil(AE-VX)

9.1.2 GEAR OIL OPTIONS

No.	Part No.	Qty.	Description
1	305040000003	1	Oil, gear (Mobil)(80W90GL-5/208L)
2	305040000004	1	Oil, gear (fully synthetic, heavy duty)(GL-5 75w-90)

9.2 ON-BOARD SPARE PARTS OPTIONS

9.2.1 ON-BOARD SPARE PARTS (1000060 HIGH-PRESSURE FILTER)

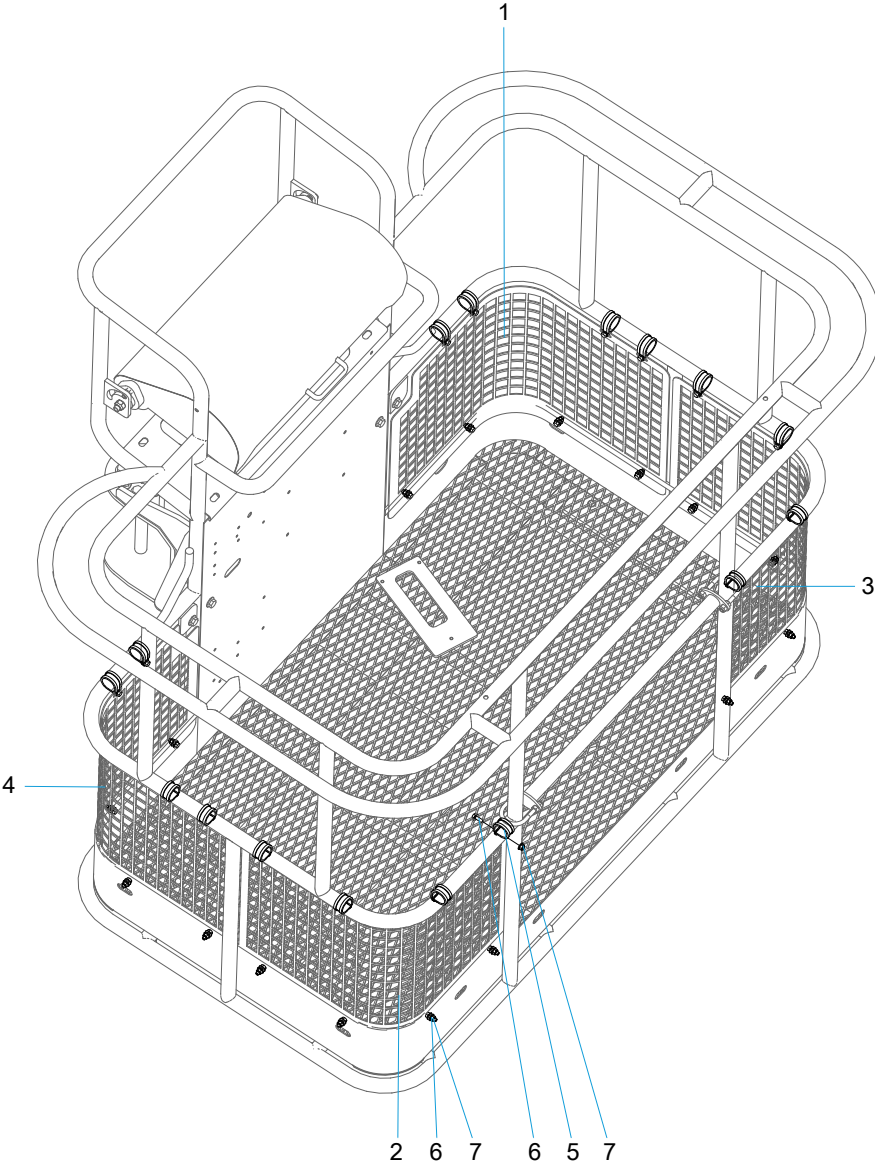
No.	Part No.	Qty.	Description
1	207040000032	5	O-ring 20.0×2.0 GB1235
2	207040000006	10	O ring 20×1.8 GB/T 3452.1
3	213010000116	1	Fitting
4	207040000027	15	O-ring 7.5×1.5 GB1235
5	207010000004	10	Grease nipple 90° M10×1 GB/T 1153
6	213060000008	2	Plug
7	207060000002	10	Combined sealing ring
8	213060000003	2	Plug
9	207040000012	10	O ring 28×3.55 GB/T 3452.1
10	203070000018	10	Plug-in fuse
11	207040000031	10	O-ring 16.3×2.4 GB1235
12	213010000010	1	Coupler
13	203060000072	2	Handle holster
14	207010000003	10	Grease nipple M10×1 GB/T 1152
15	207040000014	10	O ring 30×3.55 GB/T 3452.1
16	203070000054	5	Plug-in fuse
17	202070003015	1	Filter element
18	207040000033	5	O-ring 20.3×2.4 GB1235
19	207040000005	10	O ring 19×1.8 GB/T 3452.1
20	216070003004	1	Box, service parts stock
21	207040000039	2	O-ring
22	203070000019	5	Plug-in fuse
23	202080000017	1	Oil suction filter
24	207040000029	10	O-ring 10.0×2.0 GB1235
25	213060000001	2	Plug
26	207040000030	5	O-ring 12.0×2.0 GB1235
27	202080000024	1	Filter element, spin-on type
28	207040000028	15	O-ring 9.0×1.5 GB1235
29	203070000005	5	Plug-in fuse
30	207040000008	10	O ring 22.4×2.65 GB/T 3452.1
31	207040000035	5	O-ring 25.3×2.4 GB1235
32	213060000009	2	Plug
33	216070000003	2	Safety lanyard
34	202080000048	1	Filter element

9.2.2 ON-BOARD SPARE PARTS (1000181 HIGH-PRESSURE FILTER)

No.	Part No.	Qty.	Description
1	202080000017	1	Oil suction filter
2	207040000035	5	O-ring 25.3×2.4 GB1235
3	207010000003	10	Grease nipple M10×1 GB/T 1152
4	213010000010	1	Coupler
5	202070003015	1	Filter element
6	207040000005	10	O ring 19×1.8 GB/T 3452.1
7	207040000027	15	O-ring 7.5×1.5 GB1235
8	203060000072	2	Handle holster
9	213060000003	2	Plug
10	207040000006	10	O ring 20×1.8 GB/T 3452.1
11	207040000012	10	O ring 28×3.55 GB/T 3452.1
12	207040000028	15	O-ring 9.0×1.5 GB1235
13	213010000116	1	Fitting
14	207040000029	10	O-ring 10.0×2.0 GB1235
15	202080000024	1	Filter element, spin-on type
16	203070000019	5	Plug-in fuse
17	207040000031	10	O-ring 16.3×2.4 GB1235
18	207010000004	10	Grease nipple 90° M10×1 GB/T 1153
19	213060000009	2	Plug
20	207040000033	5	O-ring 20.3×2.4 GB1235
21	207060000002	10	Combined sealing ring
22	213060000008	2	Plug
23	216070003004	1	Box, service parts stock
24	203070000054	5	Plug-in fuse
25	207040000030	5	O-ring 12.0×2.0 GB1235
26	207040000008	10	O ring 22.4×2.65 GB/T 3452.1
27	207040000039	2	O-ring
28	203070000018	10	Plug-in fuse
29	207040000032	5	O-ring 20.0×2.0 GB1235
30	213060000001	2	Plug
31	216070000003	2	Safety lanyard
32	203070000005	5	Plug-in fuse
33	207040000014	10	O ring 30×3.55 GB/T 3452.1
34	202080003018	1	Filter element

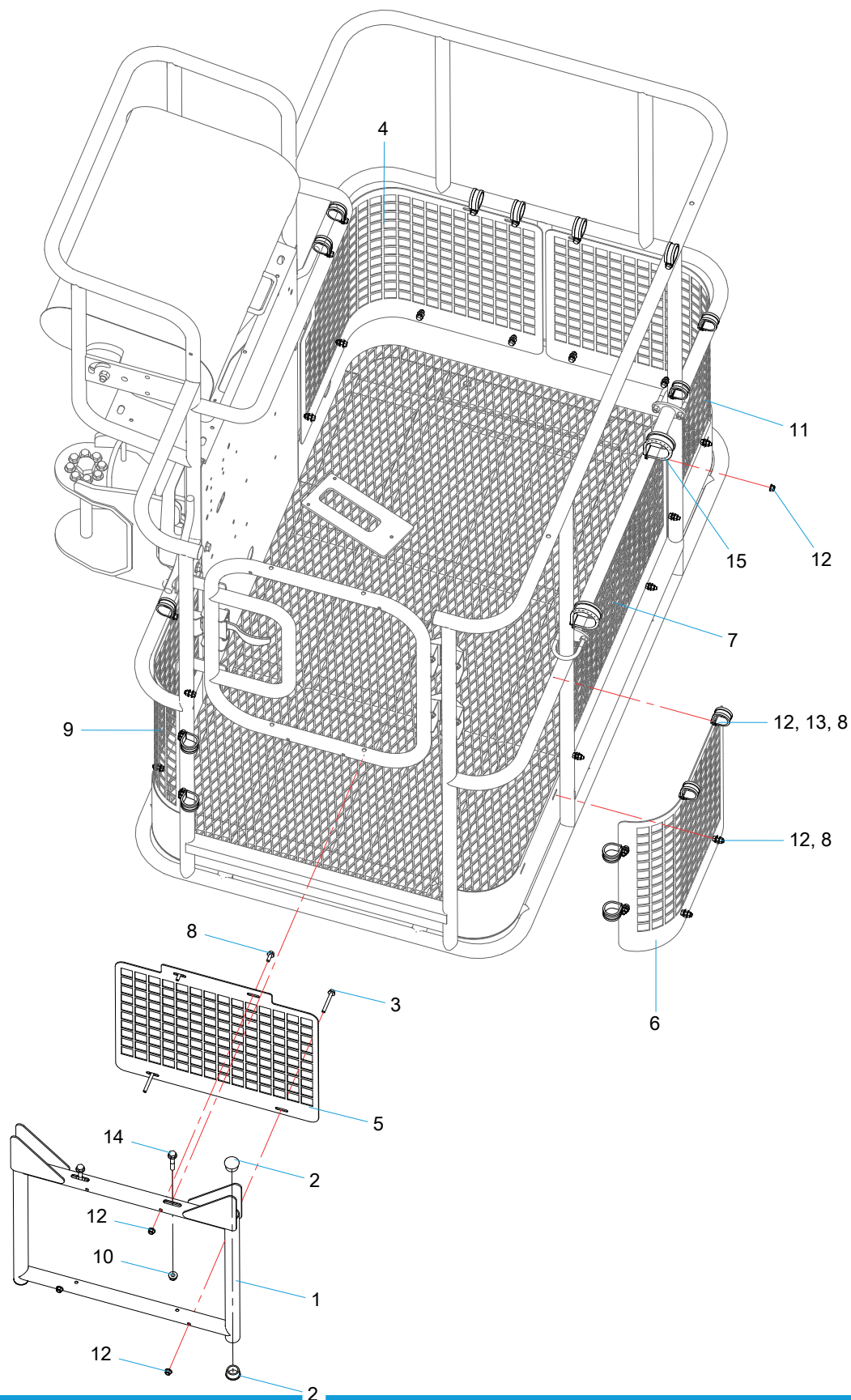
9.3 HALF-HEIGHT MESH INSTALLATION OPTIONS

9.3.1 HALF-HEIGHT MESH INSTALLATION (FOR 1.45M [57IN] PLATFORM)



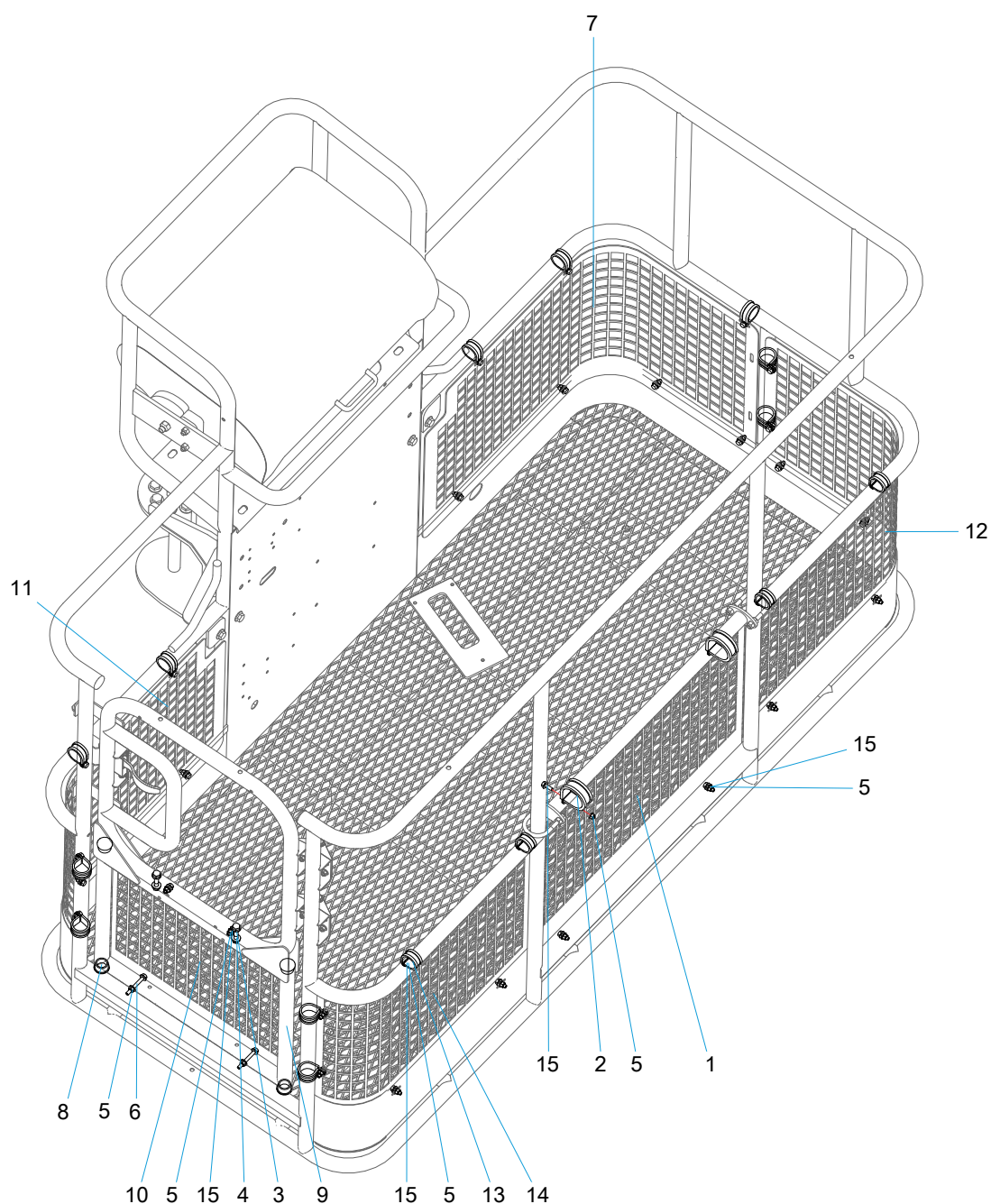
No.	Part No.	Qty.	Description
1	105068043050	1	Coaming
2	105068043051	1	Coaming
3	105068043052	1	Coaming
4	105068043053	1	Coaming
5	201051063041	16	Clamp
6	215010000230	32	Bolt M6×16-8.8-ZnD GB/T 5789
7	215030000107	32	Nut M6-8-ZnD GB/T 6183.1

9.3.2 HALF-HEIGHT MESH INSTALLATION (FOR 1.45M [57IN] PLATFORM WITH SWING GATE)



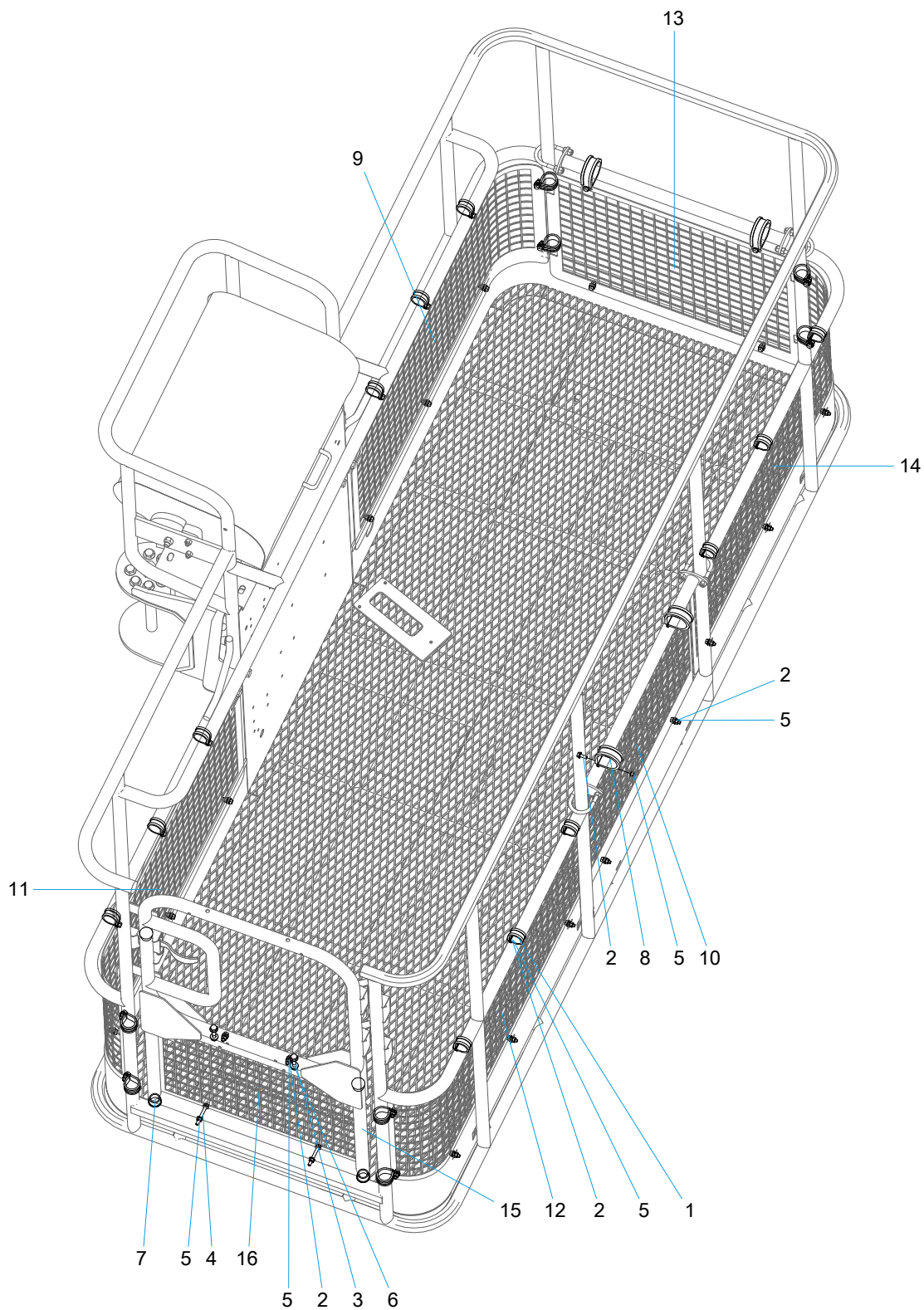
No.	Part No.	Qty.	Description
	103006043015	1	INST, platform mesh (half-height, 1.45m swing gate)
1	105068043036	1	Door frame weldment,lower
2	105064043177	4	Tube cap
3	215010000283	2	Bolt M6×50-8.8-ZnD GB/T 5789
4	105068043050	1	Coaming
5	105068043032	1	Side coaming,lower
6	103006043016	1	Mesh 1
7	105064043194	1	Coaming
8	215010000230	32	Bolt M6×16-8.8-ZnD GB/T 5789
9	103006043017	1	Mesh 2
10	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
11	105068043052	1	Coaming
12	215030000107	35	Nut M6-8-ZnD GB/T 6183.1
13	201051063041	15	Clamp
14	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
15	216020003014	2	Retaining ring

9.3.3 HALF-HEIGHT MESH INSTALLATION (FOR PLATFORM WITH 1.83M SWING GATE)



No.	Part No.	Qty.	Description
1	105064043194	1	Coaming
2	216020000025	2	Retaining ring
3	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
4	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
5	215030000107	35	Nut M6-8-ZnD GB/T 6183.1
6	215010000283	2	Bolt M6×50-8.8-ZnD GB/T 5789
7	105068043029	1	Coaming
8	105064043177	4	Tube cap
9	105068043036	1	Door frame weldment,lower
10	105068043032	1	Side coaming,lower
11	105064043193	1	Coaming
12	105068043038	1	Coaming
13	201051063041	15	Clamp
14	105068043031	1	Coaming
15	215010000230	33	Bolt M6×16-8.8-ZnD GB/T 5789

9.3.4 HALF-HEIGHT MESH INSTALLATION (FOR PLATFORM WITH 2.44M SWING GATE)

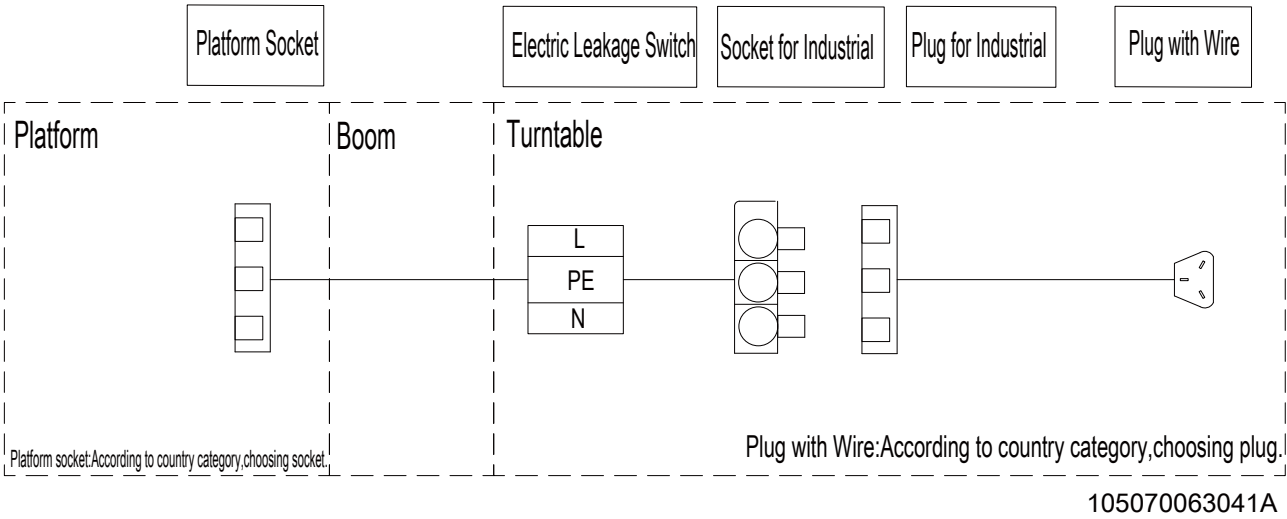


No.	Part No.	Qty.	Description
1	201051063041	20	Clamp
2	215010000230	42	Bolt M6×16-8.8-ZnD GB/T 5789
3	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
4	215010000283	2	Bolt M6×50-8.8-ZnD GB/T 5789
5	215030000107	44	Nut M6-8-ZnD GB/T 6183.1
6	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
7	105064043177	4	Tube cap
8	216020000025	4	Retaining ring
9	105064043030	1	Coaming
10	105064043176	1	Coaming
11	105064043031	1	Coaming
12	105064043027	1	Coaming
13	105064043028	1	Coaming
14	105064043175	1	Coaming
15	105064043103	1	Door frame weldment,lower
16	105064043107	1	Side coaming,lower

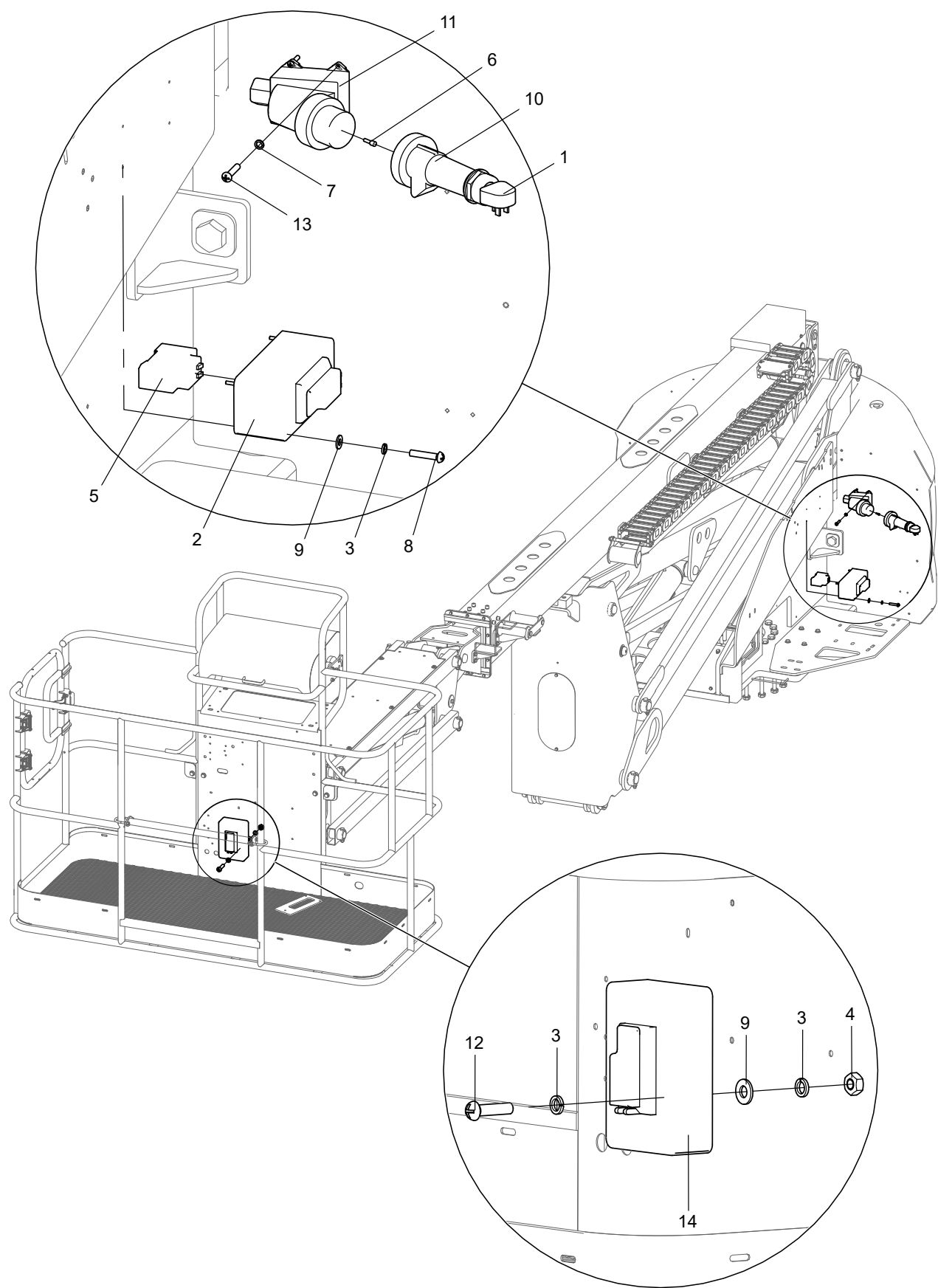
9.4 AC POWER ASSEMBLY

9.4.1 AC POWER ASSEMBLY

No.	Part No.	Qty.	Description
1	203230003368	1	Drag chain cable
2	105070063041	1	AC mains electrical schematic
3	203230003406	1	Drag chain cable
4	103014060026	1	AC mains electrical installation

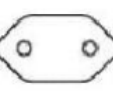


9.4.2 AC POWER ELECTRICAL COMPONENTS INSTALLATION



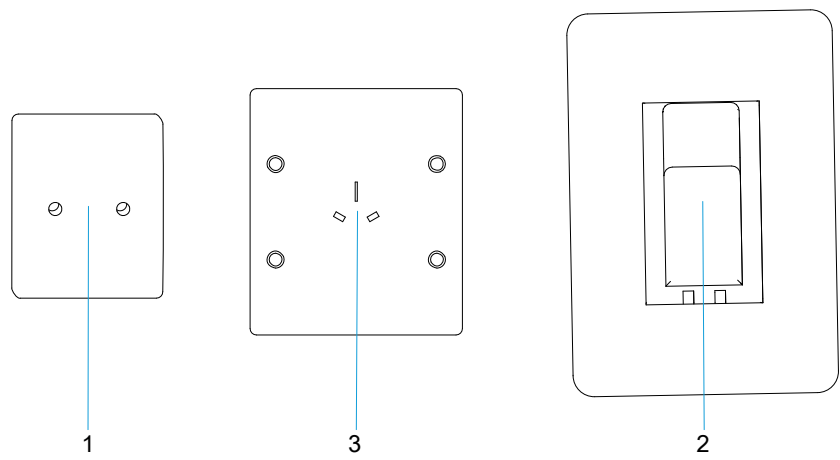
No.	Part No.	Qty.	Description
1	105074063065		Charger plug option
2	203090000002	1	RCBO waterproof box
3	215040000002	12	Washer 4-A2-70 GB/T 93
4	215030000002	4	Nut M4-8-A2-70 GB/T 6170
5	203160000002	1	Leakage protector
6	203080000415	3	Terminal
7	215040000003	4	Washer 5-A2-70 GB/T 93
8	215020000107	4	Screw M4×20-A2-70 GB/T 818
9	215040000031	8	Washer 4-A2 GB/T 97.1
10	203080003078	1	3P16A IP67 plug (female terminal)
11	203080003079	1	3P16A IP67 surface mounted socket (male terminal)
12	215020000106	4	Screw M4×16-A2-70 GB/T 818
13	215020000113	4	Screw M5×25-A2-70 GB/T 818
14	103011063061		Socket, waterproof Options

9.4.3 POWER PLUG CORD OPTIONS

							
A	B	C	D	E	F	G	I
							
J	K	L	M	N	O	P	

No.	Part No.	Qty.	Description
	105074063065		Charger plug option
1	203080003835	1	Power plug cable(Type I, China and Australian specs)
2	203080003836	1	Power plug cable(Type G, HongKong and Middle East specs)
3	203080003837	1	Power plug cable(Type B, America and South America specs)
4	203080003838	1	Power plug cable(Type M, Macao specs)
5	203080003839	1	Power plug cable(Type E&F, European and Brazilian specs)
6	203080003840	1	Power plug cable(Type J, Swiss specs)
7	203080003842	1	Power plug cable(Type L, South America specs)
8	203080003969	1	Charger plug cable(Type H, Israel)
9	203080004032	1	Cable, plug (charger)(Type N, Brazil)
10	203080004033	1	Cable, plug (charger)(Type I, China)
11	203080004034	1	Cable, plug (charger)(Type I, Argentina)

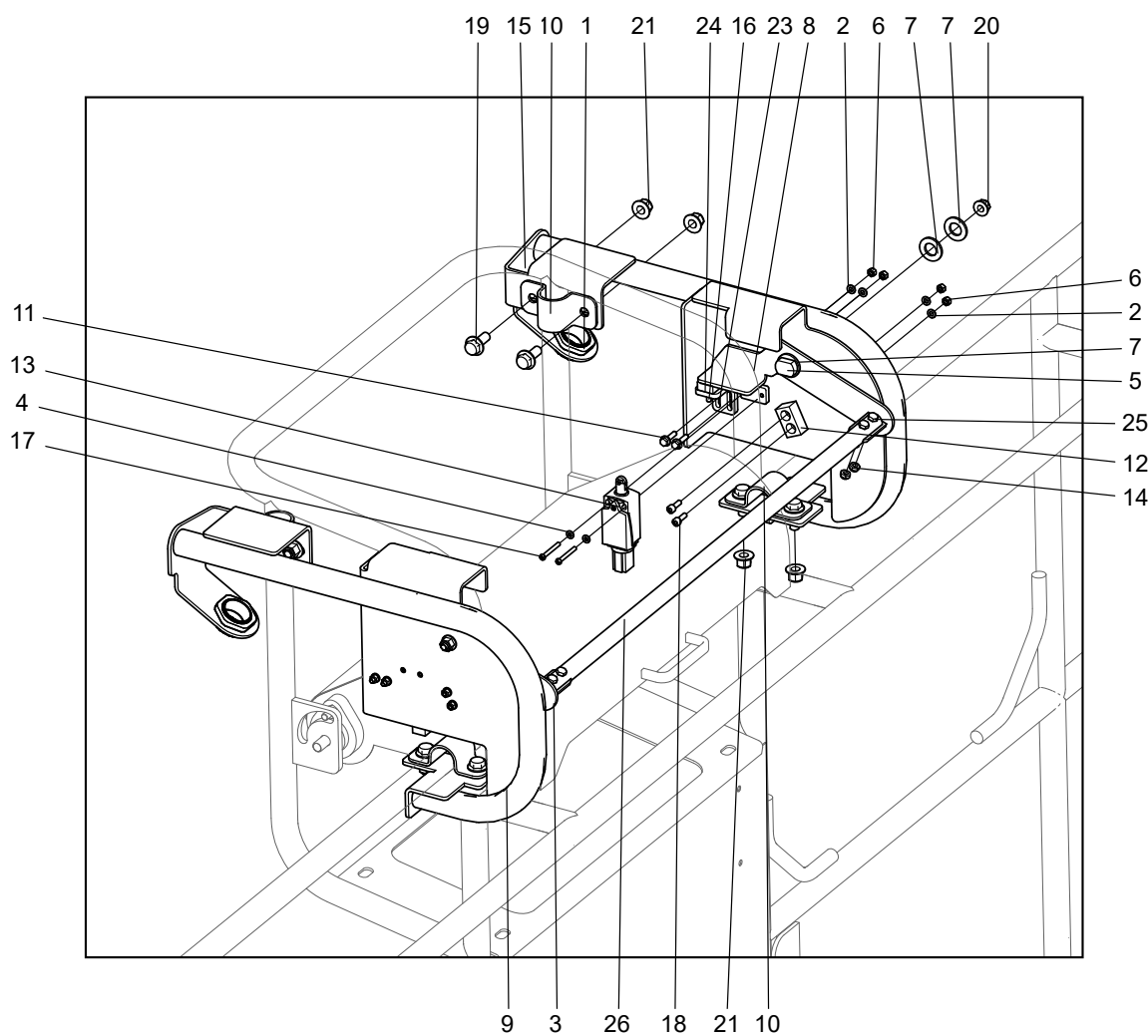
9.4.4 WATERPROOF SOCKET INSTALLATION OPTIONS



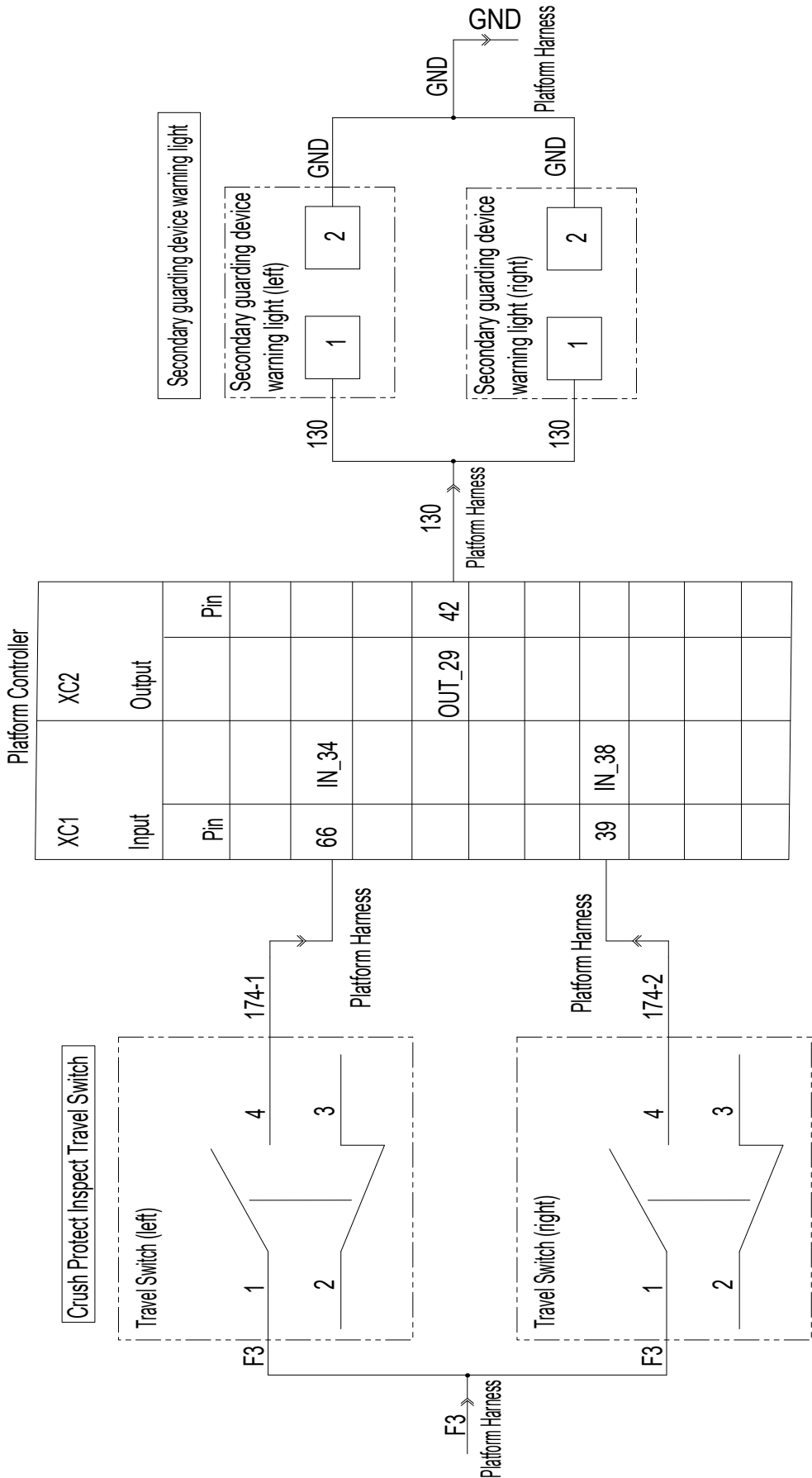
No.	Part No.	Qty.	Description
1	203080000278	1	Waterproof socket(EN)(Type E+F, European and Brazilian specs)
2	203080000472	1	American standard socket assembly(Type B, Americag and South America specs)
3	203080000249	1	Waterproof socket

9.5 SECONDARY GUARDING INSTALLATION

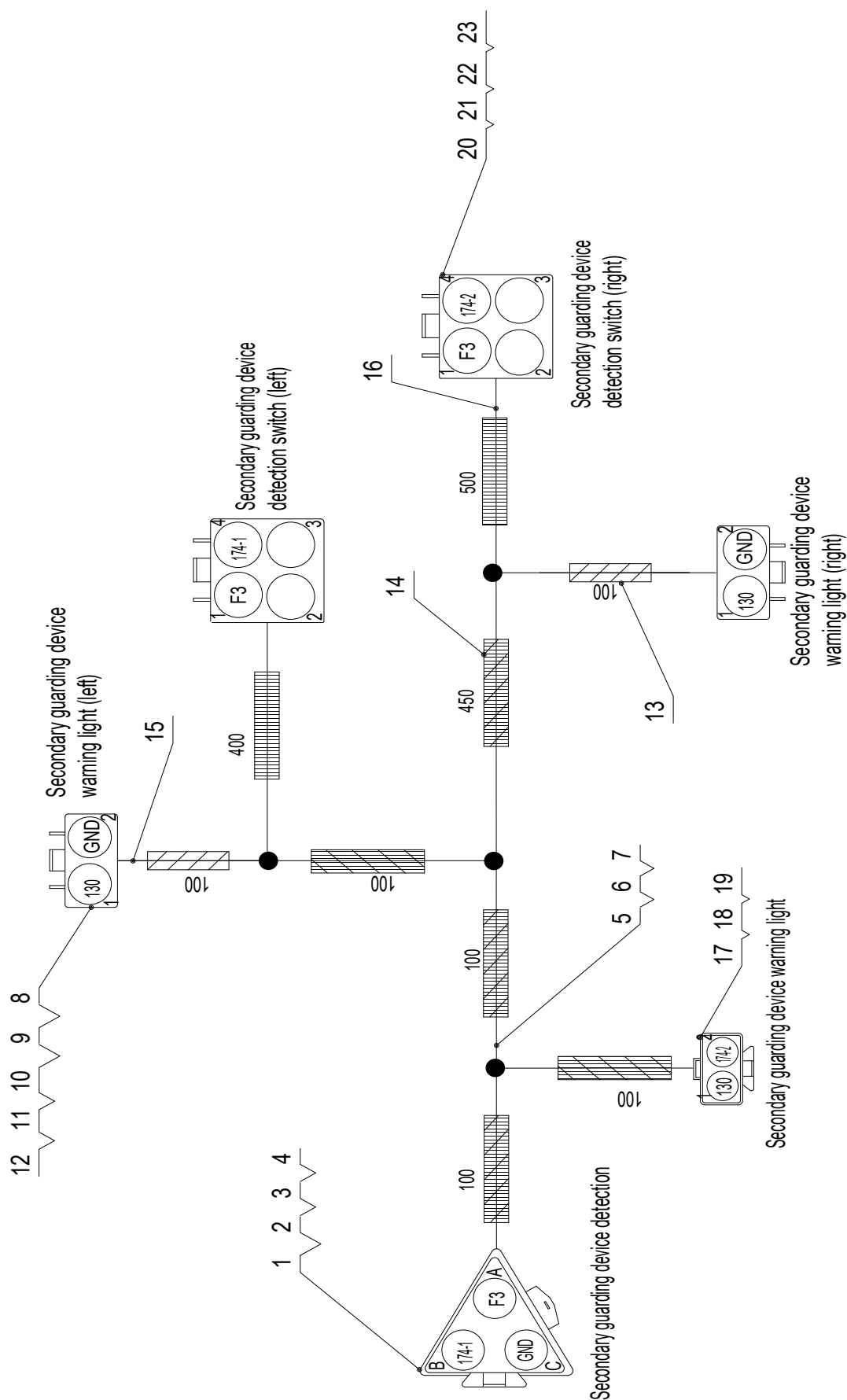
9.5.1 SECONDARY GUARDING INSTALLATION



No.	Part No.	Qty.	Description
1	103007063029		Beacon light option
1-1	203050003065	1	Beacon light (Blue)
1-2	203050003058	1	Strobe warning light
2	215040000032	8	Washer 5-A2 GB/T 97.1
3	114015013220	1	Plate, bending left
4	215040000031	4	Washer 4-A2 GB/T 97.1
5	114015013217	2	Bolt
6	215030000003	8	Nut M5-A2-70 GB/T 6170
7	215040000123	6	Washer 14-100HV-ZnD GB/T 95
8	114015013221	1	Plate, bending right
9	105070043032	1	bracket
10	105029043013	4	Plate
11	215010000256	4	Bolt M5×20-8.8-ZnD GB/T 5789
12	103010013495	2	Pad
13	203060003031	2	Travel switch
14	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
15	105070043030	1	bracket
16	215020000321	4	Screw M5×25-A2-70 GB/T 70.3
17	215020000212	4	Screw M4×35-A2-70 GB/T 818
18	215020000007	4	Screw M5×16-A2-70 GB/T 70.1
19	215010000238	8	Bolt M10×25-8.8-ZnD GB/T 5789
20	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
21	215030000109	8	Nut M10-8-ZnD GB/T 6183.1
22	105078063081	1	Harness, anti-pinch device
23	105070043028	2	Bending plate
24	209990003011	2	Magnet
25	215010000053	4	Bolt M6×30-A2-70 GB/T 5783
26	105070043055	1	Round rod



9.5.2 SECONDARY GUARDING HARNESS (PN.105078063081)



No.	Part No.	Qty.	Description
	105078063081	1	Harness, anti-pinch device
1	203080000405	1	Sheath
2	203080000046	1	Lock
3	203080000033	5	Male connector
4	203080000466	1	End clip
5	203080003313	2	Cable, thin wall
6	203080003326	1	Cable, thin wall
7	203080000564	5	Thin-wall wire
8	203080000410	2	Sheath
9	203080000016	2	Lock
10	203080000041	8	Female connector
11	203080000437	2	End attachments, 2-pin, female
12	203080000448	2	Rubber part
13	203080000417	1	Nylon hose, closed-end
14	203080000424	1	Nylon hose, closed-end
15	203080000563	1	Thin-wall wire
16	203080000562	1	Thin-wall wire
17	203080000408	1	Sheath
18	203080000021	1	Lock
19	203080000462	1	End attachments, 2-pin, male
20	203080000044	2	Sheath
21	203080000020	2	Lock
22	203080000445	2	End attachments, 4-pin, female
23	203080000446	2	Rubber part

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