

Parts Manual

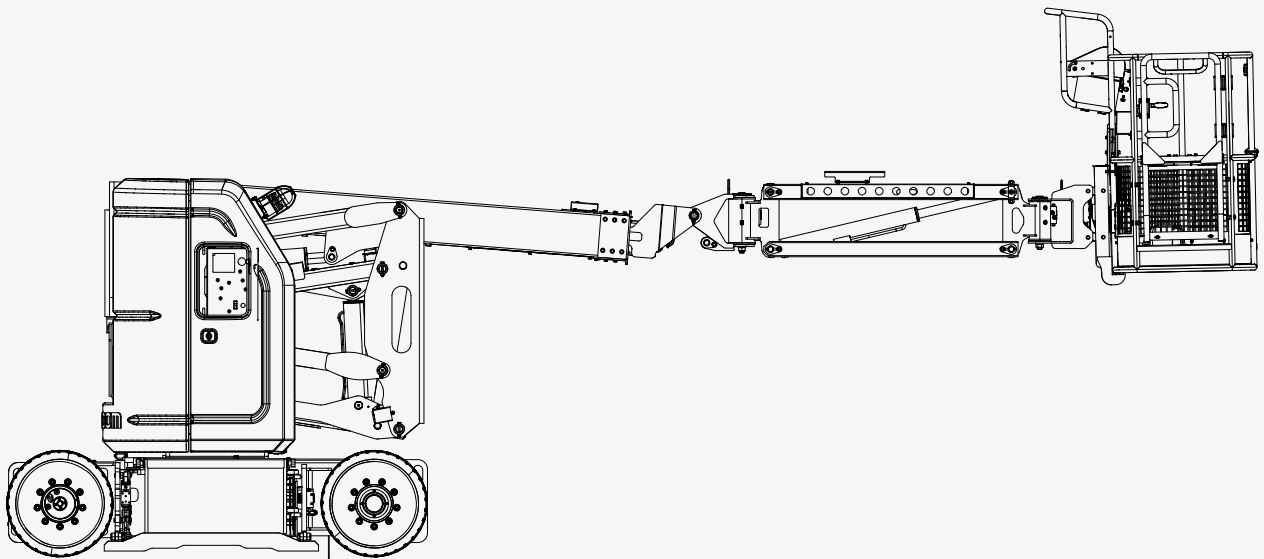
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Translated version

AB10ERJN (AB10ERJN/AB320ERJN) *From 0301000907 to present*



CE   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 disposal, please comply with local regulations.

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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 manual due to technical improvement, and the manual is subject to change without further notice. Please contact Sinoboom or its authorized agent for the latest 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:

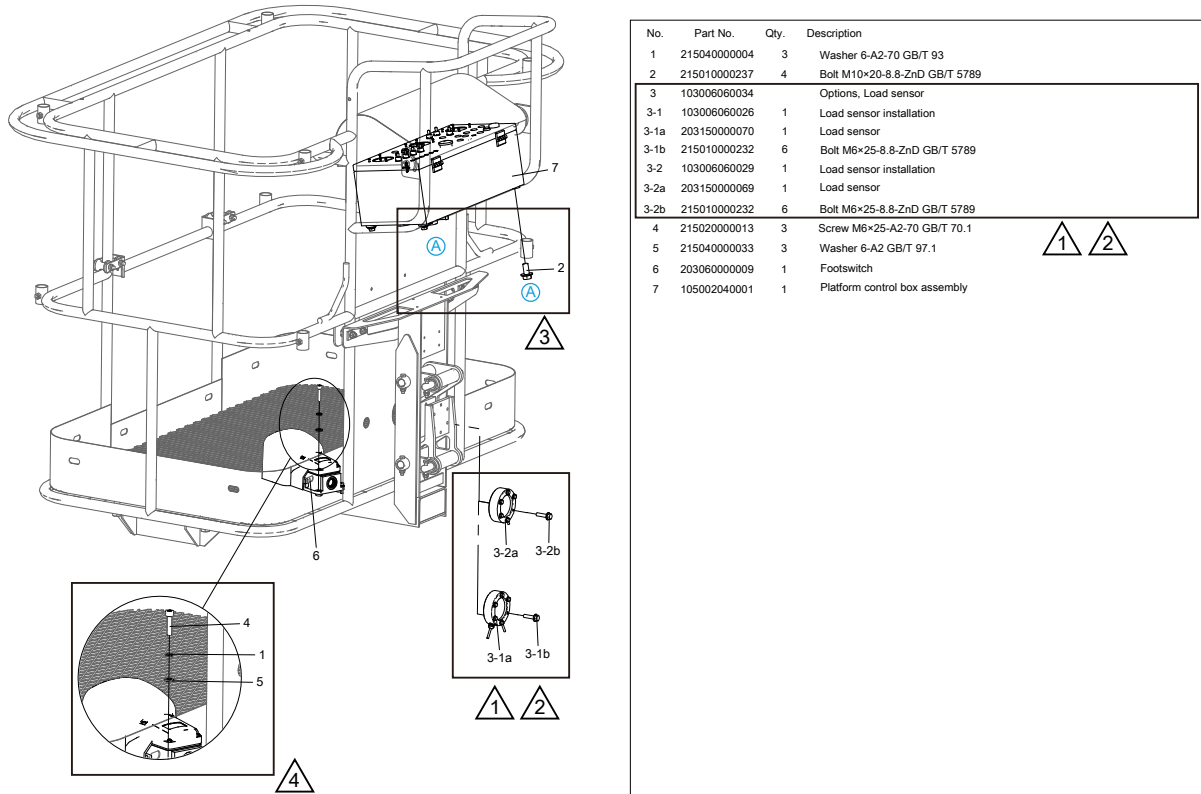
Model	Metric Trade Name	Imperial Trade Name	Serial No.
AB10ERJN	AB10ERJN	AB320ERJN	0301000907 to present

Note:

- Check the machine model and serial number on the machine nameplate, and whose position can be found in the ***Decals Diagram*** section of the Parts Manual
- Product model numbers are indicated on the nameplates to distinguish products with different main technical parameters.
- Product trade identification is indicated on marketing materials and machine decals for distinction of products with different main parameters, and can be classified as metric type and imperial type: the metric trade identification is applicable to the machines for countries/regions using metric system or as specially required by customers; the imperial trade identification is applicable to the machines for countries/regions using imperial system or as specially required 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 you require a specific spare part color, please note the Sinoboom code when placing your order. The corresponding Sinoboom codes for different colors can be found in the table below:

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

CONTENTS

1	Chassis assembly	5
1.1	Drive Installation	6
1.2	Drive reducer (PN.204020003019)	8
1.3	Steer Installation	9
1.4	Steer Linkage	11
1.5	Pothole Protection Installation	12
1.6	Battery Holder Installation	14
1.7	Chassis Accessory Installation	16
2	Turntable Assembly	19
2.1	Slewing Mechanism	20
2.2	Slewing Reducer (PN.204020003035)	22
2.3	Turntable Cover Installation	23
2.4	Counterweight Installation	25
2.5	Counterweight Installation -Without Logo	26
2.6	Turntable Accessory Installation	27
3	Boom Assembly	31
3.1	Boom Assembly	32
3.2	Telescopic Boom Installation	39
3.3	Jib Boom Assembly	41
3.4	Cable Track Installation	43
3.5	Drag chain and joint	45
4	Platform Assembly	47
4.1	Platform Installation	48
4.2	Platform Installation -swing gate	50
4.3	Protective Cover Installation Optional	52
5	Hydraulic System	55
5.1	Chassis Hydraulic Components Installation	56
5.2	Pothole Control Valve (PN.202040003546)	58
5.3	Turntable Hydraulic Components Installation	60

5.4	Multitandem Valve and Fittings Installation.....	62
5.5	2-way Counterbalance Valve (PN.202040003368)	63
5.6	Power Unit and Fittings Installation	64
5.7	Power Unit (PN.202010003076)	65
5.8	High Pressure Filter Connector Installation	66
5.9	Emergency Power Unit (PN.202010003136)	67
5.10	Emergency Power Unit (PN.202010003139)	68
5.11	Return Filter Connector Installation	69
5.12	Cycloid Motor (PN.202020003090).....	70
5.13	Boom Hydraulic Components Installation.....	71
5.14	Lifting Control Valve and Fittings Installation.....	73
5.15	Lifting Control Valve (PN.202040003366)	74
5.16	Platform Control Valve and Fittings Installation	75
5.17	Platform Control Valve (PN.202040003367).....	76
5.18	Leveling Counterbalance Valve (PN.202040000011).....	78
5.19	Telescoping Counterbalance Valve (PN.202040003410).....	79
5.20	Chassis Tubes layout (PN.101051053058).....	80
5.21	Turntable Tubes Layout (PN.103010053203)	82
5.22	Boom-Turntable Tubes Layout (PN.103010053058)	84
5.23	Tower Boom Tubes Layout (PN.PN.103010053132)	86
5.24	Base Boom Tubes layout (PN.103010053144).....	87

6 Electrical System 89

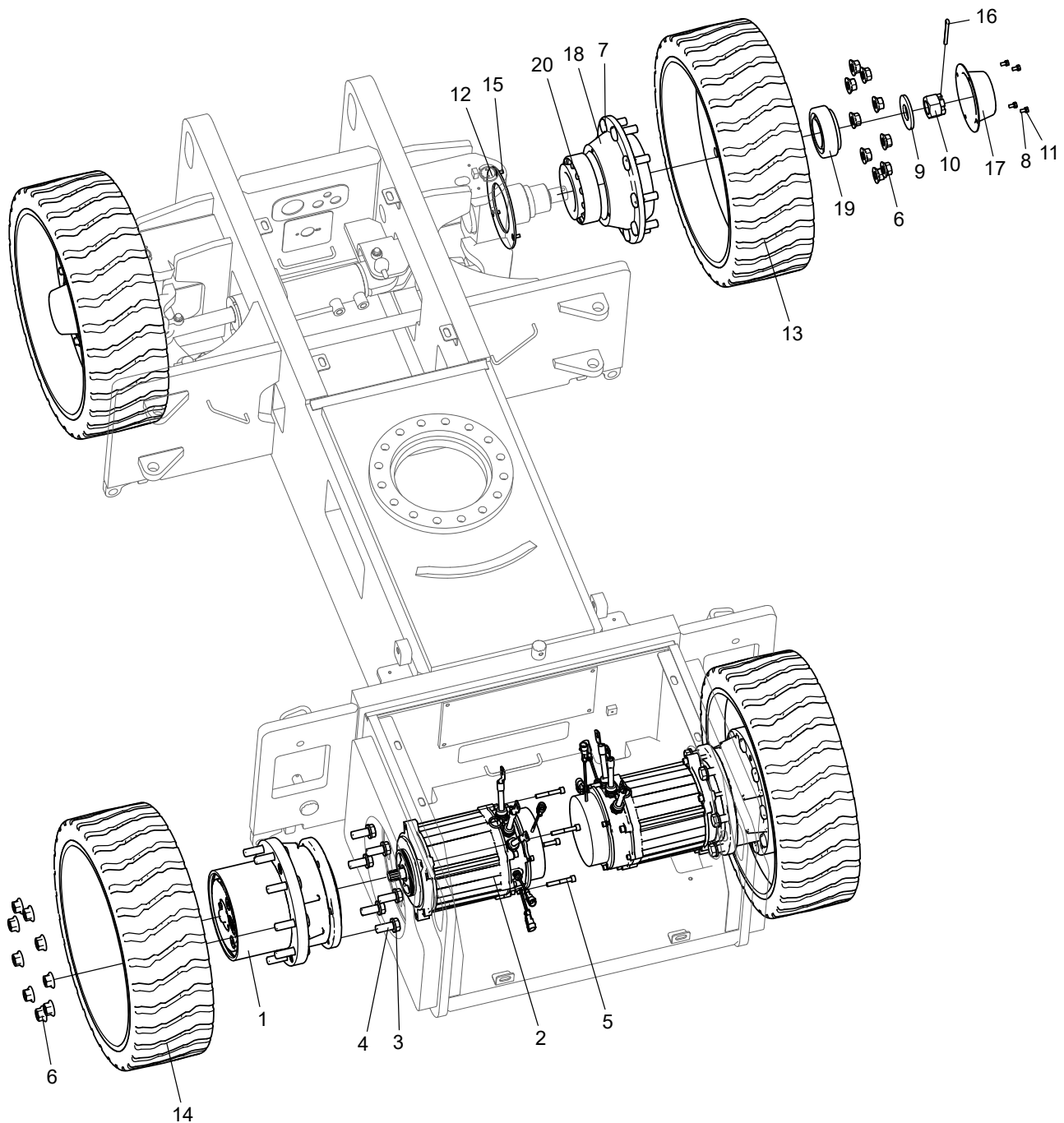
6.1	Turntable Electrical System	90
6.1.1	Turntable Electrical Components Installation	91
6.1.2	Contactors Installation.....	94
6.1.3	GPS installation options.....	95
6.1.4	Level Sensor Options	96
6.1.5	Horn option.....	97
6.1.6	Ground Controller Assembly (PN.103010063060).....	98
6.1.7	Turntable Controller Assembly (PN.103010063135, Chile logo).....	101
6.1.8	Turntable Controller (PN.103010063061).....	104
6.1.9	Turntable Controller Harness (PN.103010063022)	106
6.1.10	Turntable Harness (PN.103010063102).....	108
6.2	Chassis Electrical System.....	111
6.2.1	Chassis Electrical Components Installation	112

6.2.2	Charger Plug Cord Options	116
6.2.3	Power Switch Options.....	118
6.2.4	Relative Angle Sensor Options.....	119
6.2.5	Electrical Power Wiring Layout (PN.103010063104)	120
6.3	Boom Electrical System.....	122
6.3.1	Boom Electrical Components Installation	123
6.3.2	Load sensor options.....	126
6.3.3	Platform Controller Assembly (PN.103010063005)	127
6.3.4	Platform Controller Assembly (PN.103010063136, Chile logo)	130
6.3.5	Platform Controller (PN.103010063002)	133
6.3.6	Platform Controller Harness (PN.103010063025)	135
6.3.7	Platform Harness (PN.103010063076)	137
6.3.8	Cable Track Diagram (PN.103010063077)	139
7	Schematic Diagram	141
7.1	Hydraulic Schematic Diagram.....	142
7.2	Electrical Schematic Diagram.....	144
8	Decals Diagram	147
9	Options.....	153
9.1	AC Power Installation	154
9.1.1	AC Power Installation	155
9.1.2	AC Power Electrical Components Installation.....	156
9.1.3	Power Plug Cord Options	158
9.1.4	Socket, waterproof Options.....	160
9.1.5	AC Power Electrical Components Installation (Australia)	161
9.1.6	Electrical Schematic Diagram of AC Power (PN.103010063241, Australia) .	163
9.1.7	Electrical Schematic Diagram of AC Power (Australia)	164
9.1.8	Electrical Schematic Diagram of AC Power.....	165
9.1	Worklight installation	166
9.2	Manual Storage Container Installation	168
9.3	INST, PLF mesh (half-H, 1.15 swing gate)	169
9.4	Tool Box Installation	171
9.5	Secondary Guarding Installation	172
9.6	Secondary Guarding Installation (Standard)	174
9.7	Overhead Protection Installation	176

9.8 On-board Spare Parts (1000060 High-pressure Filter)..... 178

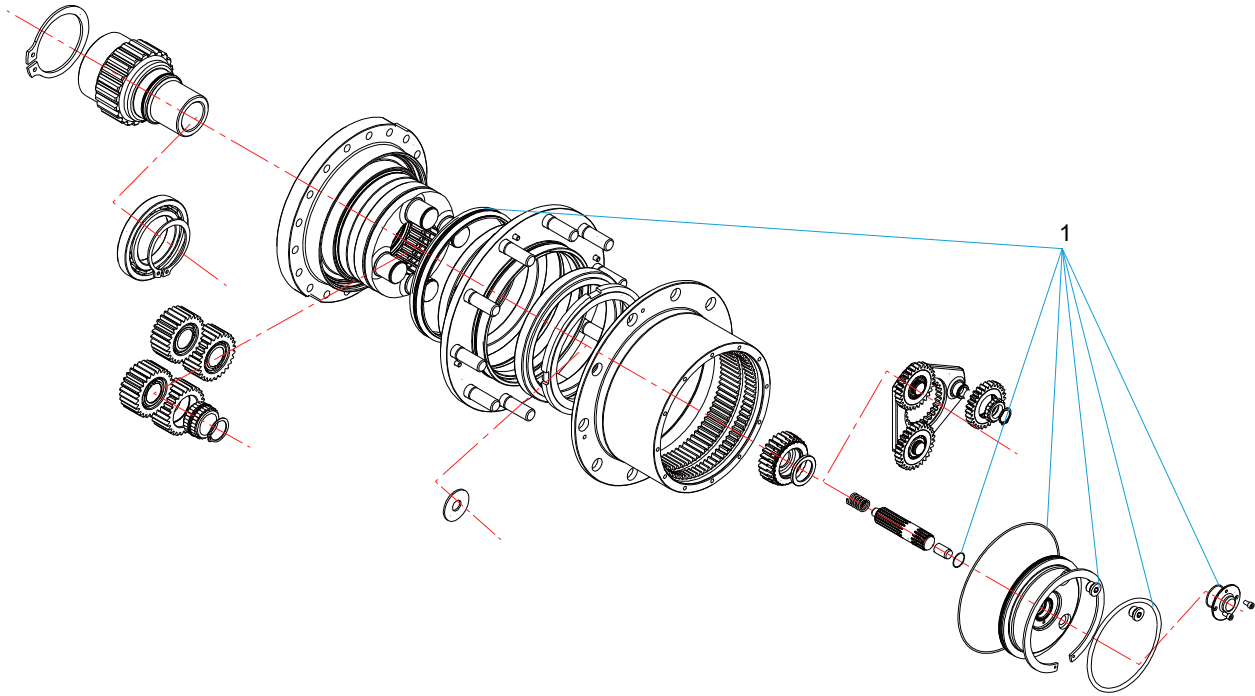
1 CHASSIS ASSEMBLY

1.1 DRIVE INSTALLATION



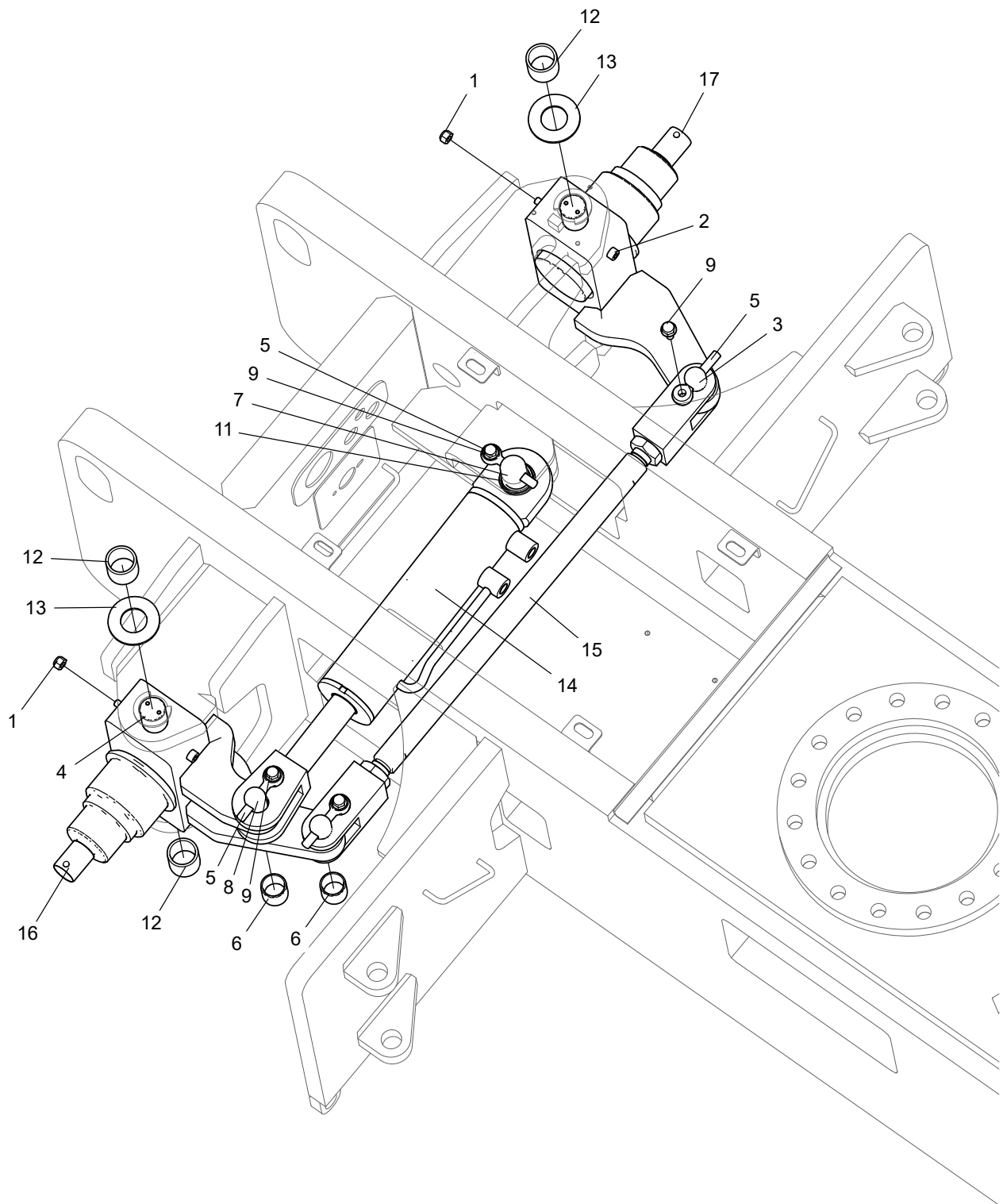
No.	Part No.	Qty.	Description
1	204020003019	2	Drive reducer
2	203010003057	2	Travel motor
3	215040000039	12	Washer 16-200HV-ZnD GB/T 97.1
4	215010000111	12	Bolt M16×40-10.9-DKL GB/T 5783
5	215020000029	8	Screw M8×40-10.9-DKL GB/T 70.1
6	215030000063	36	Nut M16×1.5-10-DKL DTF 6177.2
7	105001030059	18	Bolt, self-build
8	215010000049	8	Bolt M6×12-A2-70 GB/T 5783
9	105001030024	2	Shim
10	215030000060	2	Nut M30×2-8-ZnD GB/T 9457
11	215040000004	8	Washer 6-A2-70 GB/T 93
12	103010033108	2	Plate
13	103010033105	2	Front tire and wheel assembly, non-marking
14	103010033106	2	Rear tire and wheel assembly, non-marking
15	215020000134	6	Screw M6×12-A2-70 GB/T 819.1
16	215060000015	2	Pin 6.3×63-ZnD GB/T 91
17	105001030030	2	Cap, dust
18	103010033107	2	Bearing block
19	214010000020	2	Bearing 33212 GB/T 297
20	214010000019	2	Bearing 33217 GB/T 297

1.2 DRIVE REDUCER (PN.204020003019)



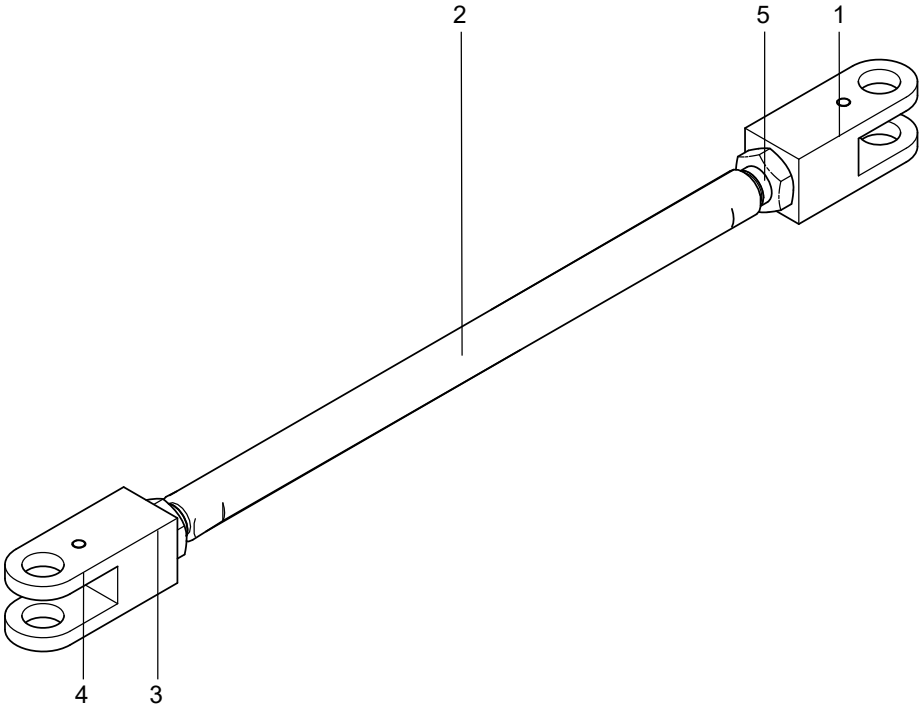
No.	Part No.	Qty.	Description
1	207040003136	1	Seal kit

1.3 STEER INSTALLATION



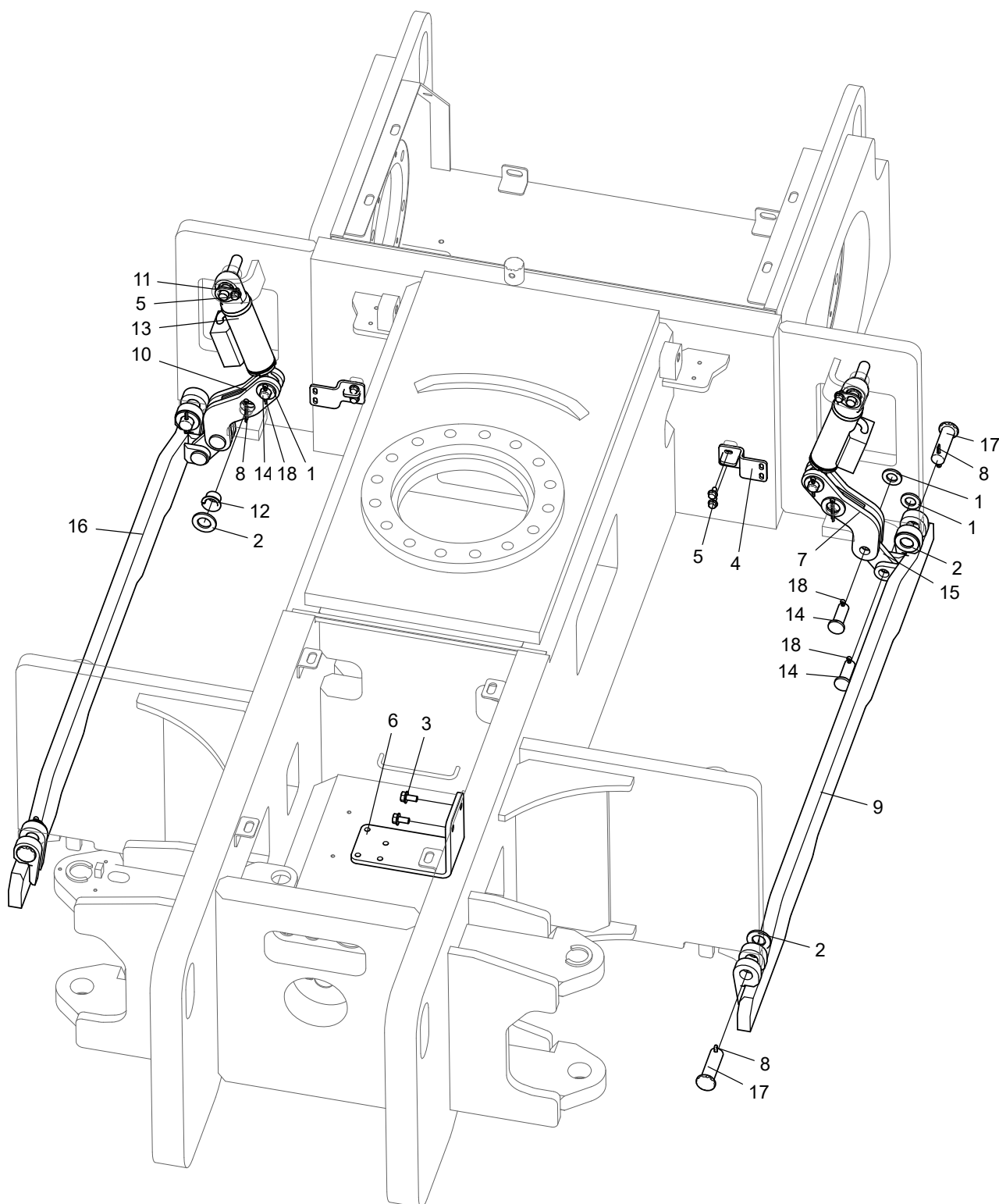
No.	Part No.	Qty.	Description
1	215030000026	2	Nut M8-8-ZnD GB/T889.1
2	215020000239	2	Screw M8×110-8.8-ZnD GB/T 70.1
3	104009030049	2	Shaft XGΦ25-65[Z]
4	103010033121	2	PinXGΦ30-285
5	101012010044	4	Keeper pin
6	214030000035	3	Self-lubricating bearing
7	103010033147	1	PinXGΦ30-80
8	103010033126	1	PinXGΦ25-70
9	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
10	207010000004	1	Grease nipple 90° M10×1 GB/T 1153
11	105001030034	2	Bush, spacer
12	214030000006	4	Self-lubricating bearing
13	103006030010	2	Gasket
14	103010053001	1	Steer cylinder
15	103010033118	1	Steer linkage
16	103010033099	1	Steer knuckle , left
17	103010033096	1	Steer knuckle , right

1.4 STEER LINKAGE



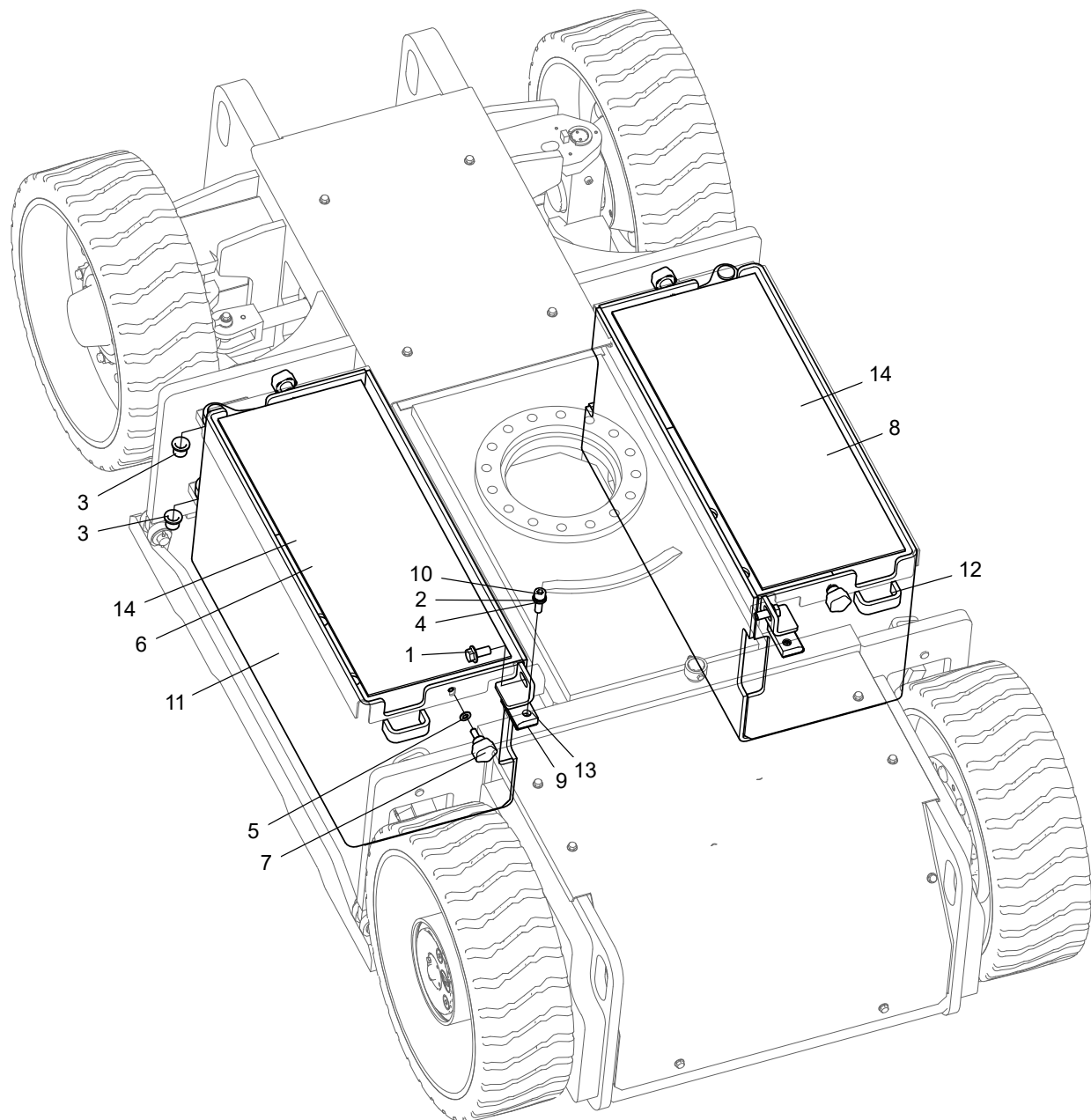
No.	Part No.	Qty.	Description
1	104009030062	1	Mounting head 2
2	103010033119	1	Connecting rod
3	215030000076	1	Nut M24×2-8-ZnD GB/T6173
4	104009030042	1	Mounting head 1
5	215030000077	1	Nut M24×2-LH-8 GB/T6173

1.5 POTHOLE PROTECTION INSTALLATION



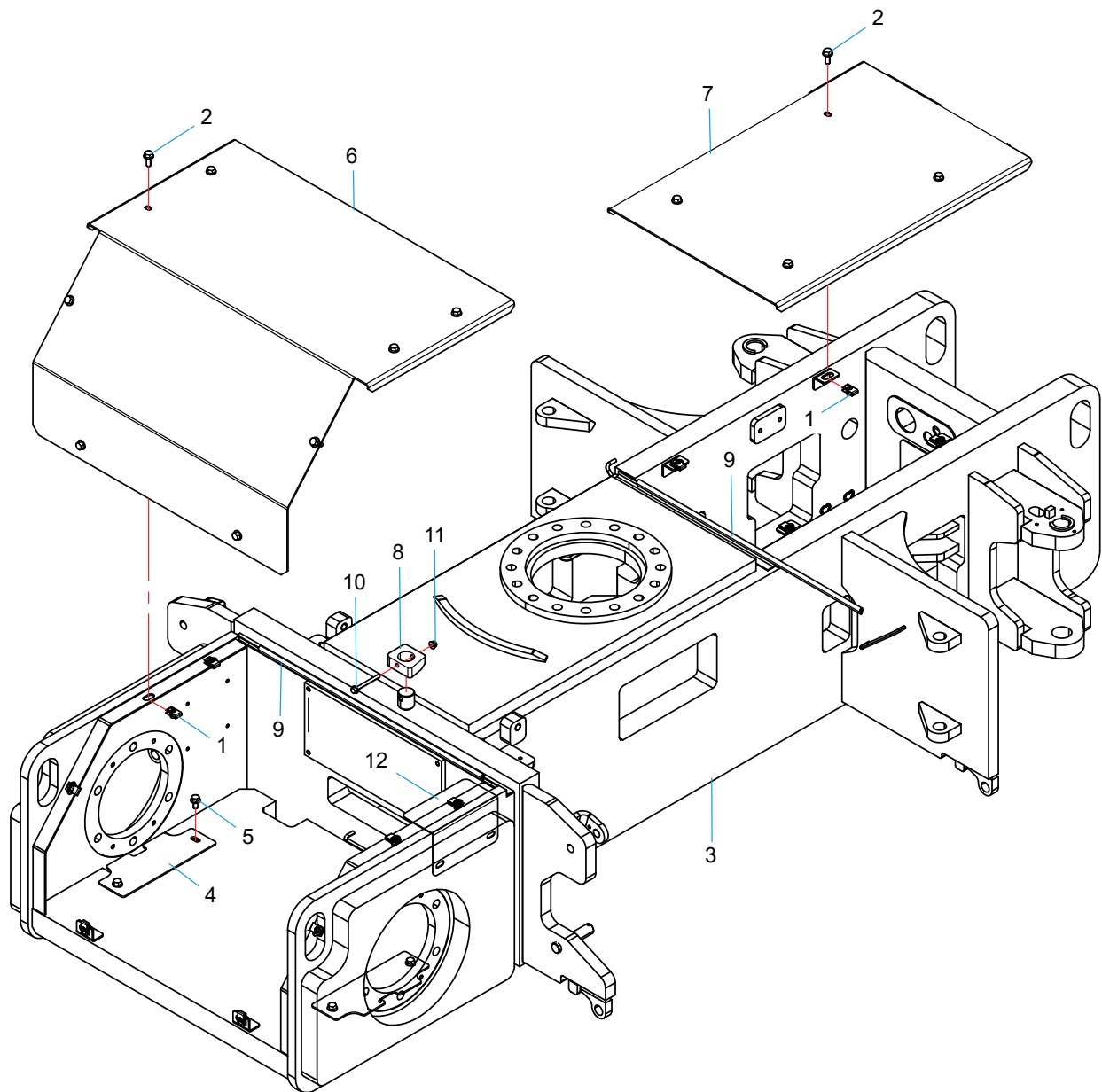
No.	Part No.	Qty.	Description
1	215040000039	6	Washer 16-200HV-ZnD GB/T 97.1
2	215040000041	6	Washer 20-200HV-ZnD GB/T 97.1
3	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
4	103010033185	2	Plate, bending
5	215010000281	6	Bolt M6×12-8.8-ZnD GB/T 5789
6	103010033176	1	Plate, bending
7	109002030062	1	Connecting rod, left
8	215060000007	6	Pin 4×32-ZnD GB/T 91
9	103010033178	1	Pothole protection plate, Left
10	109002030066	1	Connecting rod, right
11	103010033194	2	Pin assembly Φ16×88
12	214030000024	4	Bearing 20×23×16.5 SF-1F
13	109002030072	2	Cylinder, pothole (GTTZ10EJ)(A)
13a	207990003429	1	Seal kit, cylinder(1000026)
14	215060000038	6	Clevis pin B16×45-ZnD GB/T 882
15	109002030042	2	Plate
16	103010033180	1	Pothole protection plate, Right
17	103010033192	4	PinXJΦ20×72[Z]
18	215060000066	6	Pin 4×25-ZnD GB/T 91

1.6 BATTERY HOLDER INSTALLATION



No.	Part No.	Qty.	Description
1	215010000272	2	Bolt M14×30-10.9-DKL GB/T 5789
2	215040000004	4	Washer 6-A2-70 GB/T 93
3	214010000029	4	Bearing 20×24-20
4	215040000033	4	Washer 6-A2 GB/T 97.1
5	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
6	103010033136	1	Cover
7	209030000006	4	Bolt, star-headed
8	103010033115	1	Cover
9	103010033134	2	Support plate
10	215020000012	4	Screw M6×20-A2-70 GB/T 70.1
11	103010033112	1	Battery box,left
12	103010033110	1	Battery box,right
13	103010033132	2	Pad
14	103010033129	2	Gasket, rubber

1.7 CHASSIS ACCESSORY INSTALLATION

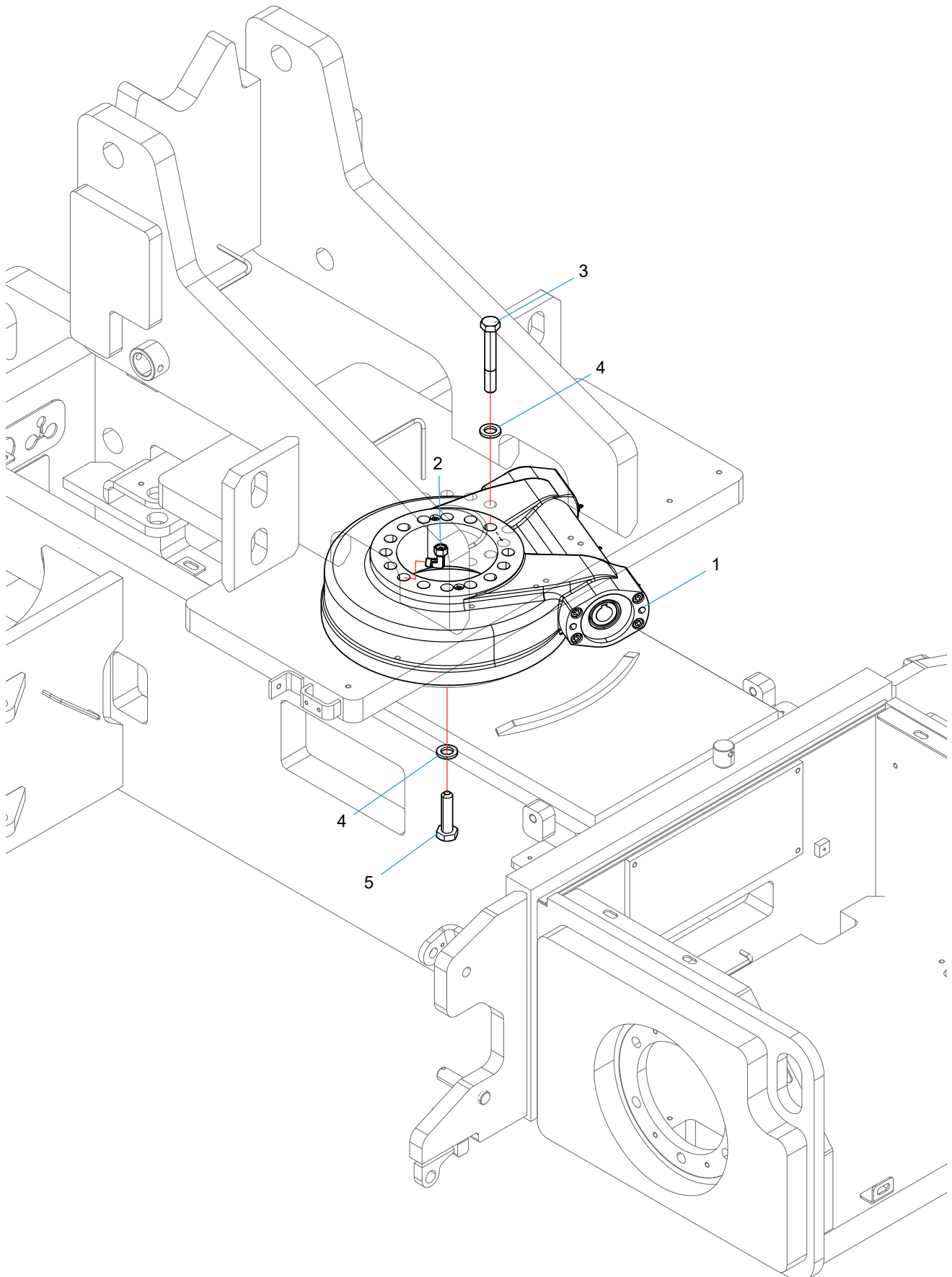


No.	Part No.	Qty.	Description
1	215030000106	12	B type spring nuts
2	215010000234	12	Bolt M8×20-8.8-ZnD GB/T 5789
3	103010033080	1	Chassis [Z]
4	103010033146	2	Cover
5	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
6	103010033117	1	Cover
7	103010033116	1	Cover
8	103010033208	1	Buffer block
9	216030000009	2	Sealing rubber strip
10	215010000285	1	Bolt M6×60-8.8-ZnD GB/T 5789
11	215030000107	1	Nut M6-8-ZnD GB/T 6183.1
12	103010033209	1	Plate,bending

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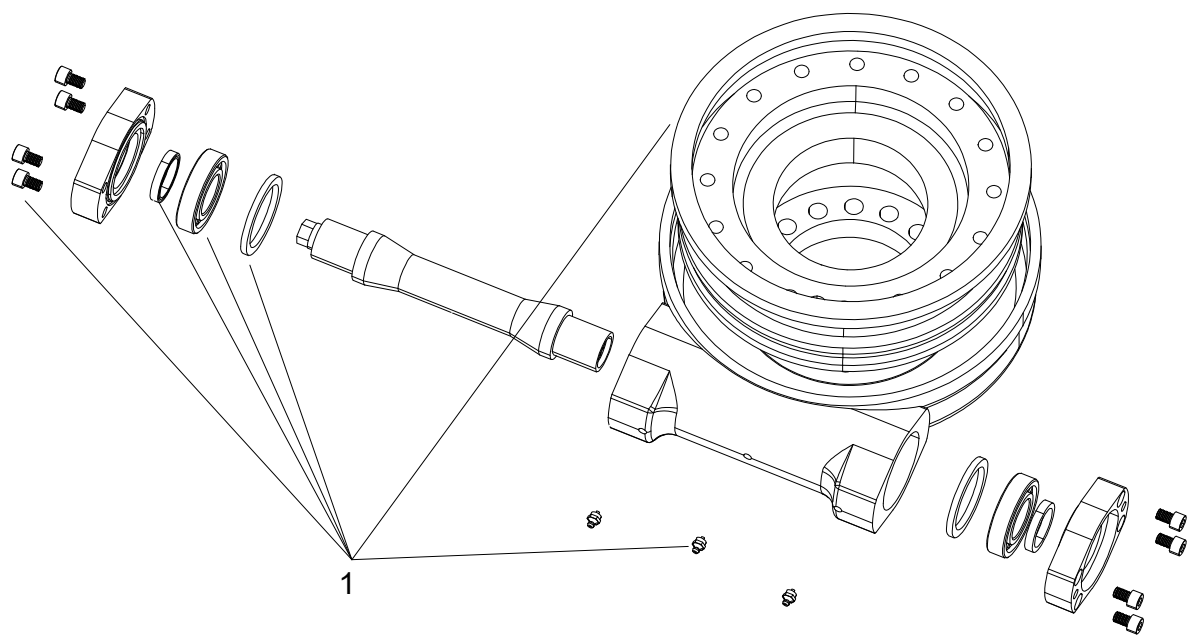
2 TURNTABLE ASSEMBLY

2.1 SLEWING MECHANISM



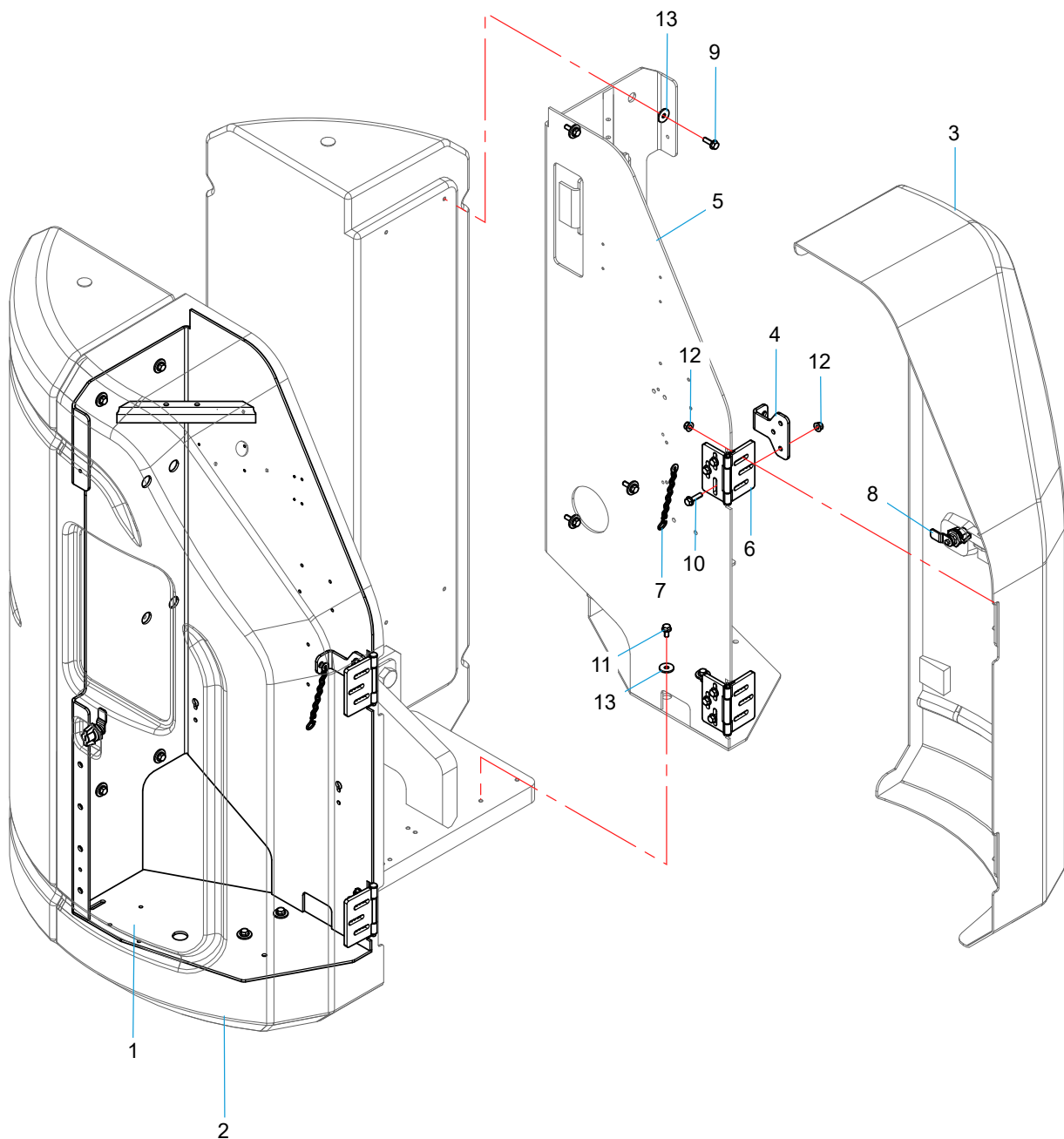
No.	Part No.	Qty.	Description
1	204020003035	1	Slewing reducer
2	213010000205	1	Coupler
3	215010000251	15	Bolt M16×110-10.9-ZnD GB/T 5782
4	215040000052	31	Washer 16-DKL GB/T 1230
5	215010000149	16	Bolt M16×65-10.9-DKL GB/T 1228

2.2 SLEWING REDUCER (PN.204020003035)



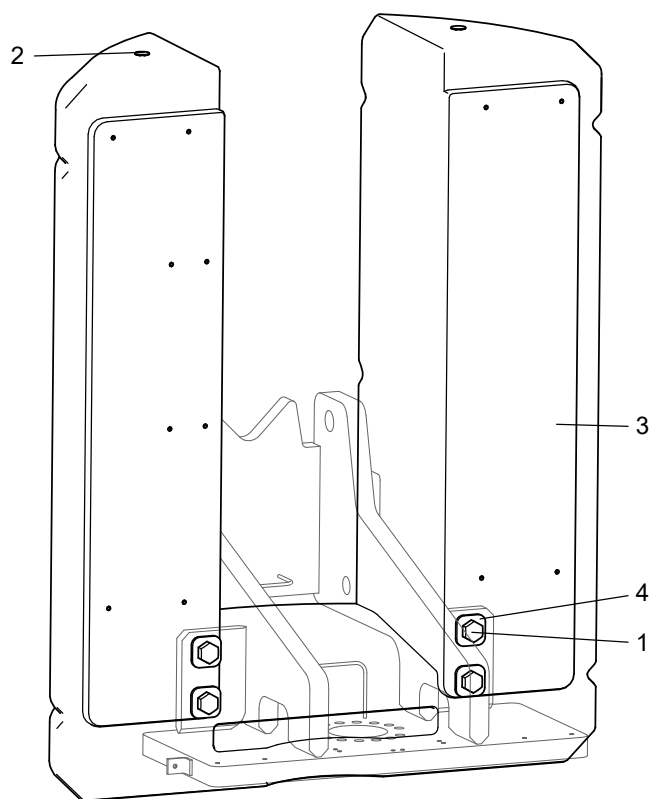
No.	Part No.	Qty.	Description
1	204120003009	1	Kit, service (seal, slewing reducer)

2.3 TURNTABLE COVER INSTALLATION



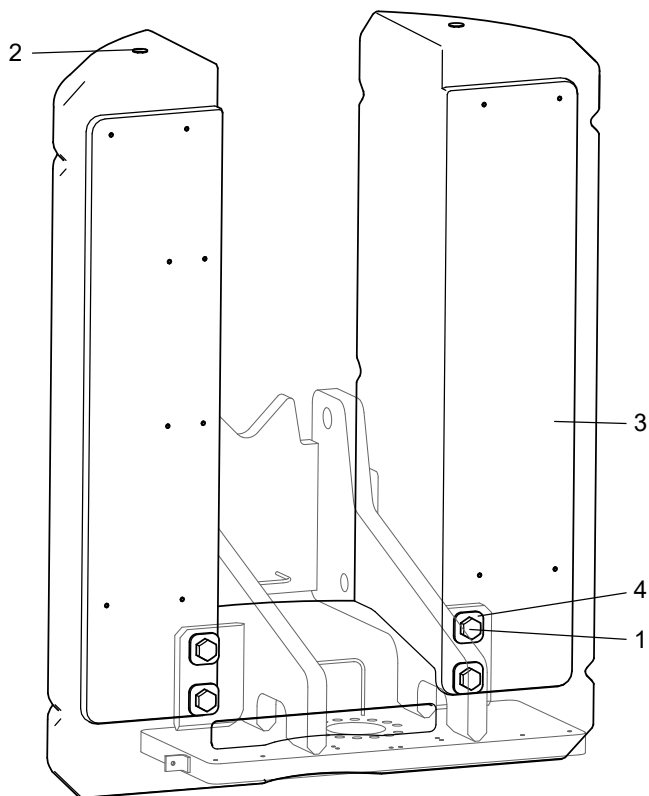
No.	Part No.	Qty.	Description
1	103010023021	1	Base, mounting (turntable cover, L)
2	103010023040	1	Turntable cover, LH
3	103010023041	1	Turntable cover, right
4	103010023117	2	Plate,bending
5	103010023140	1	Base, mounting (turntable cover, R)
6	105001020118	4	Hinge
7	208020003012	2	Chain
8	209050000011	2	Lock
9	215010000235	14	Bolt M8×25-8.8-ZnD GB/T 5789
10	215010000236	6	Bolt M8×30-8.8-ZnD GB/T 5789
11	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
12	215030000108	24	Nut M8-8-ZnD GB/T 6183.1
13	215040000103	12	Washer 8-100HV-ZnD GB/T 5287

2.4 COUNTERWEIGHT INSTALLATION



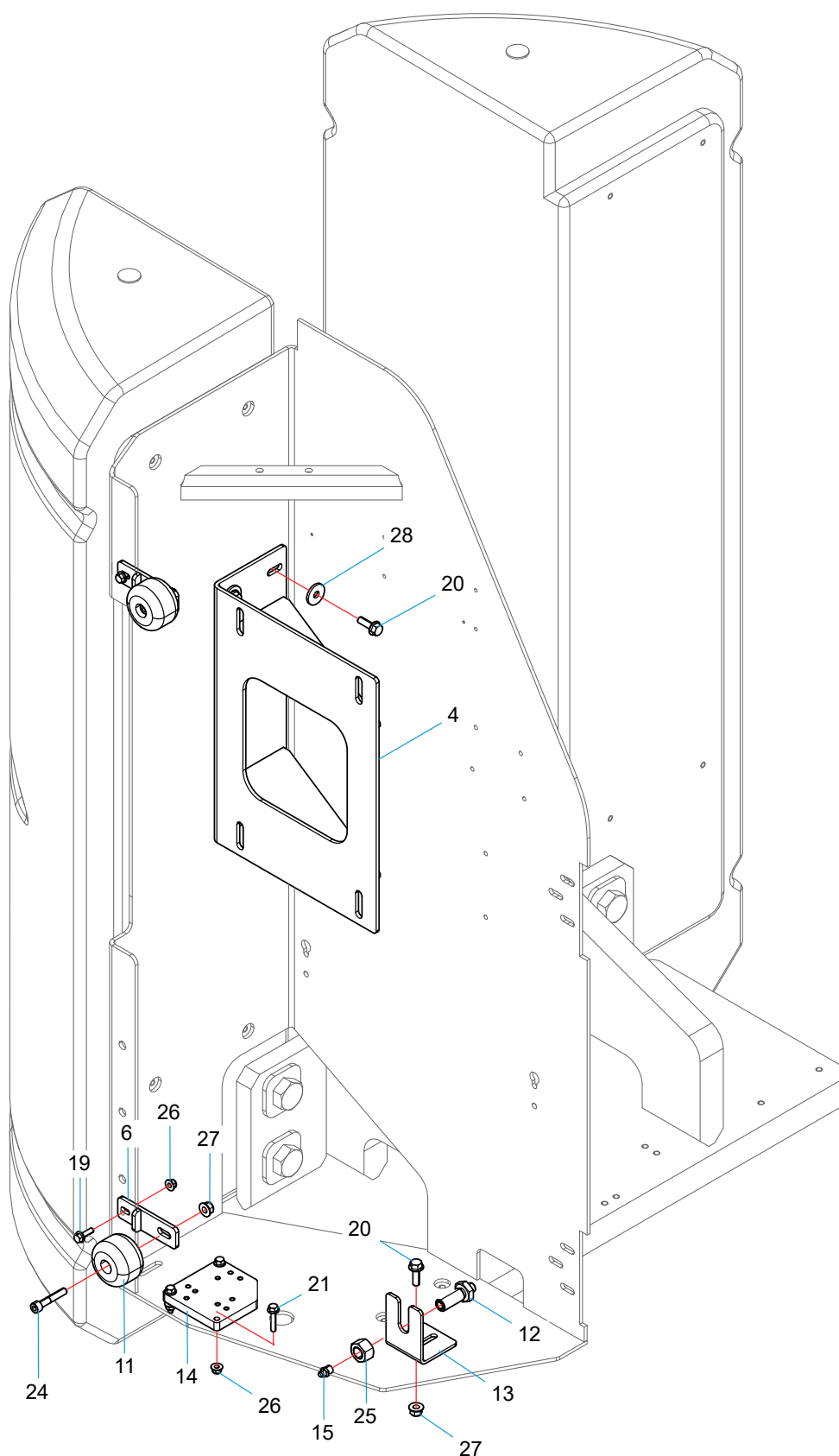
No.	Part No.	Qty.	Description
1	215010000164	4	Bolt M24×70-8.8-ZnD GB/T 5783
2	213060003001	2	Hole plug
3	103010023043	1	Counterweight
4	105001020138	4	Pad

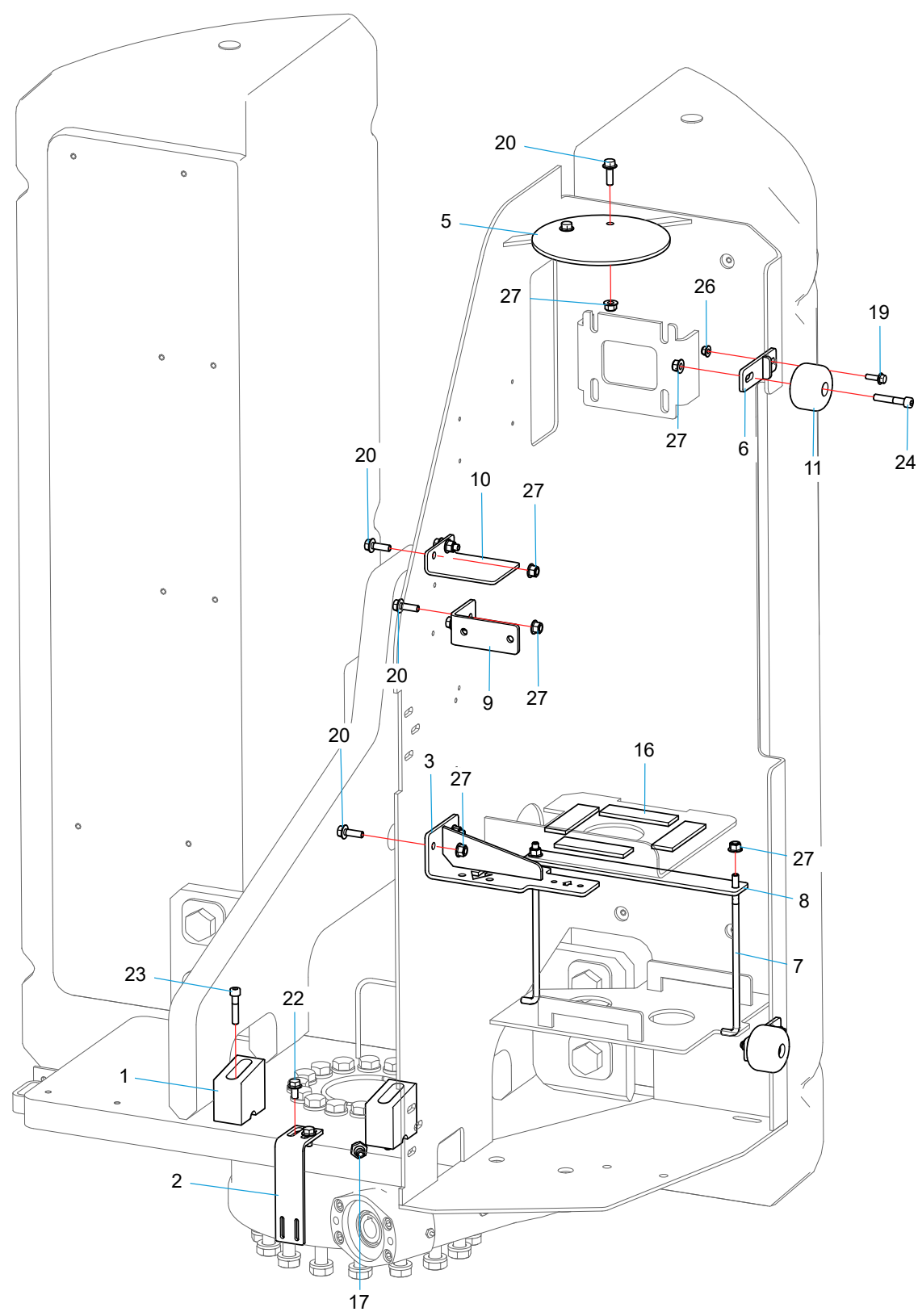
2.5 COUNTERWEIGHT INSTALLATION -WITHOUT LOGO



No.	Part No.	Qty.	Description
1	215010000164	4	Bolt M24×70-8.8-ZnD GB/T 5783
2	213060003001	2	Hole plug
3	103010023189	1	Counterweight-without logo [Z]
4	105001020138	4	Pad

2.6 TURNTABLE ACCESSORY INSTALLATION



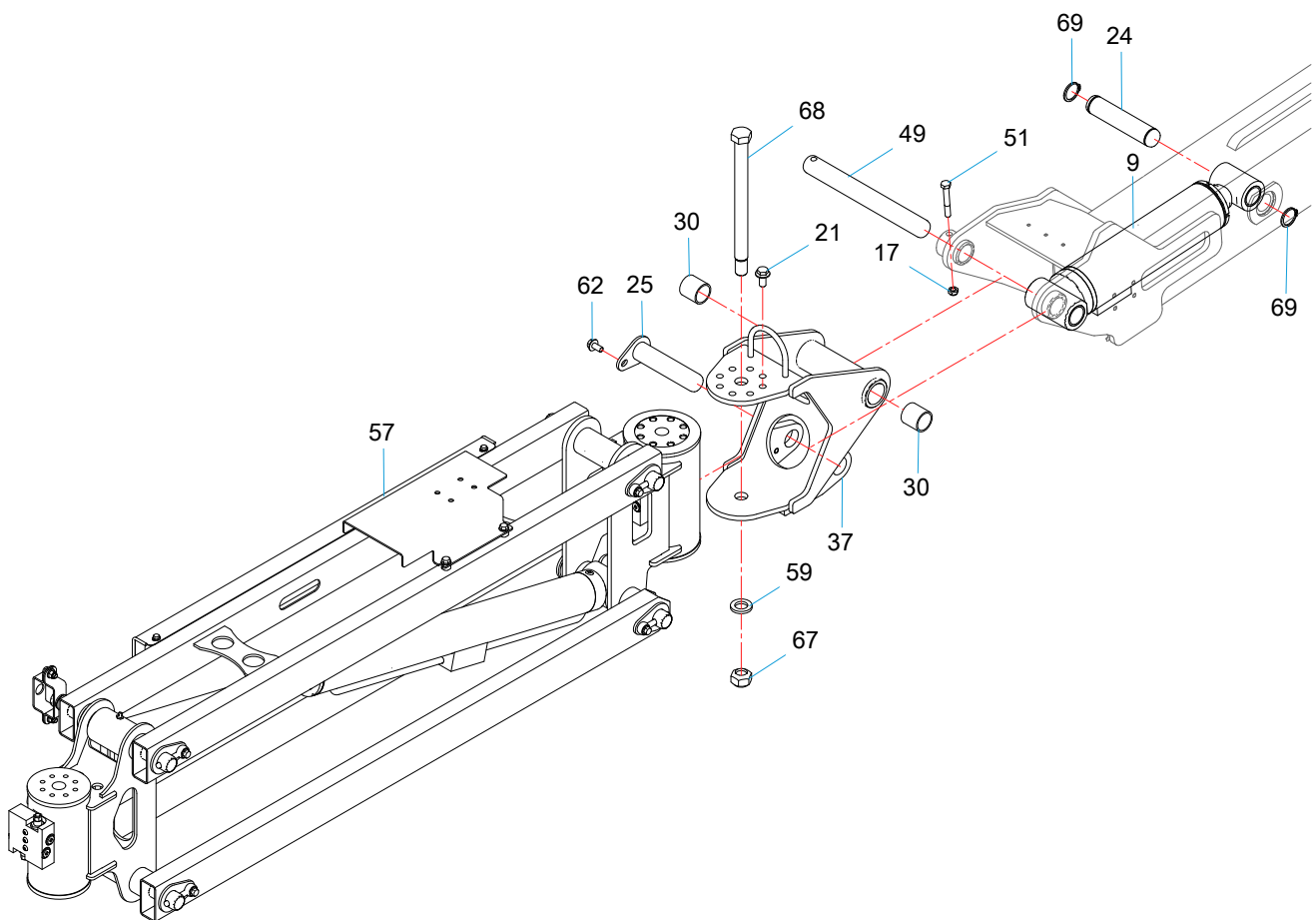


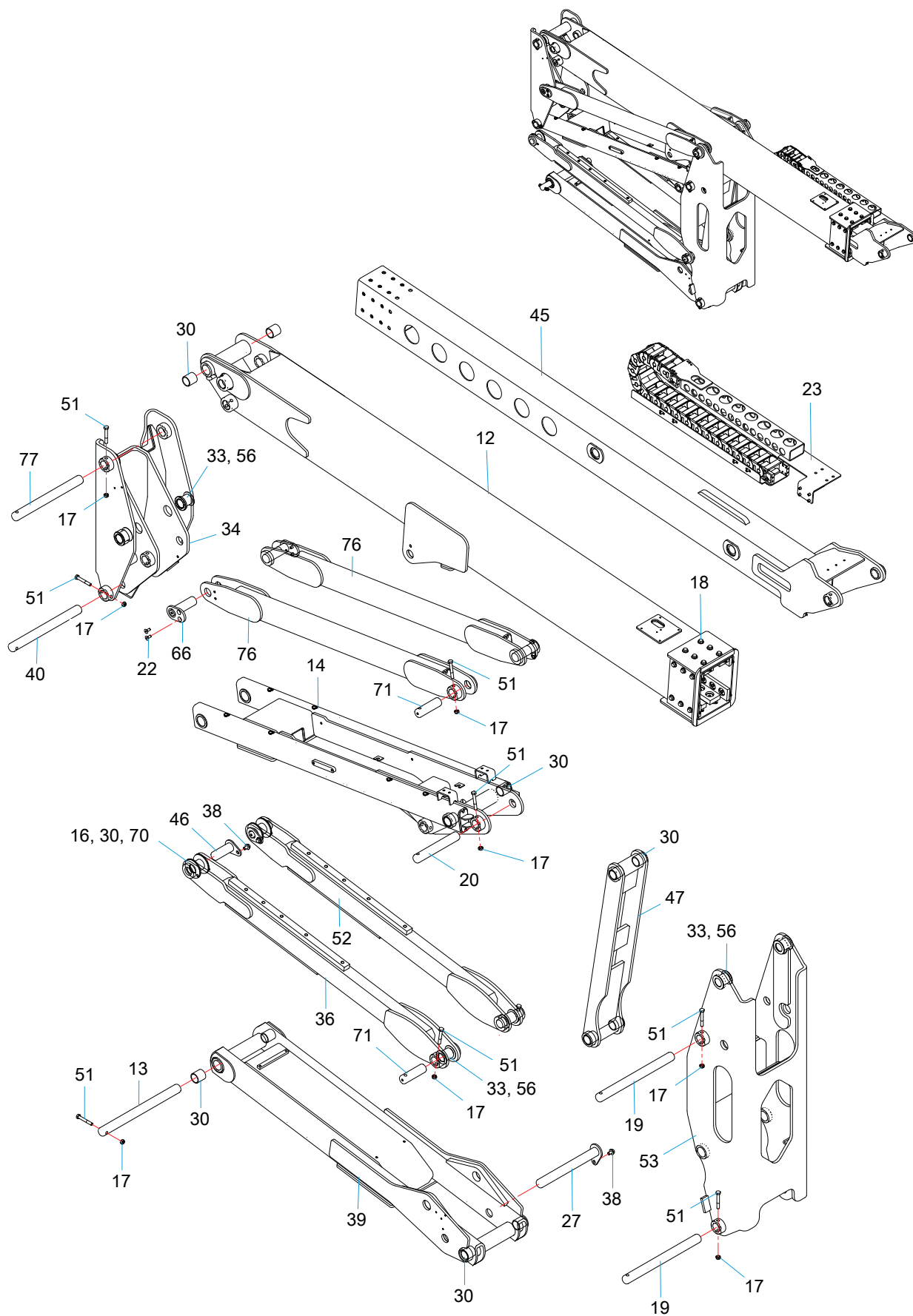
No.	Part No.	Qty.	Description
1	103010023023	2	Pad
2	103010023042	1	Plate, folded
3	103010023048	1	plate
4	103010023050	1	Bracket, ground controller
5	103010023055	1	Plate
6	103010023107	4	Bracket
7	103010023131	2	Rod, tie
8	103010023132	1	Plate
9	103010023135	1	Plate, folded
10	103010023150	1	Plate, folded
11	104015020026	4	Positioning block
12	105001020225	1	Fitting
13	105001020226	1	Plate
14	105074023184	1	Plate
15	207010000003	1	Grease nipple M10×1 GB/T 1152
16	207070000004	4	Thermal insulated sealing stripe
17	213010000060	1	Coupler
18	213050000088	1	Hose
19	215010000231	4	Bolt M6×20-8.8-ZnD GB/T 5789
20	215010000235	13	Bolt M8×25-8.8-ZnD GB/T 5789
21	215010000282	3	Bolt M6×30-8.8-ZnD GB/T 5789
22	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
23	215020000028	4	Screw M8×40-8.8-ZnD GB/T 70.1
24	215020000030	4	Screw M8×45-8.8-ZnD GB/T 70.1
25	215030000010	1	Nut M16-8-ZnD GB/T 6170
26	215030000107	7	Nut M6-8-ZnD GB/T 6183.1
27	215030000108	15	Nut M8-8-ZnD GB/T 6183.1
28	215040000103	4	Washer 8-100HV-ZnD GB/T 5287

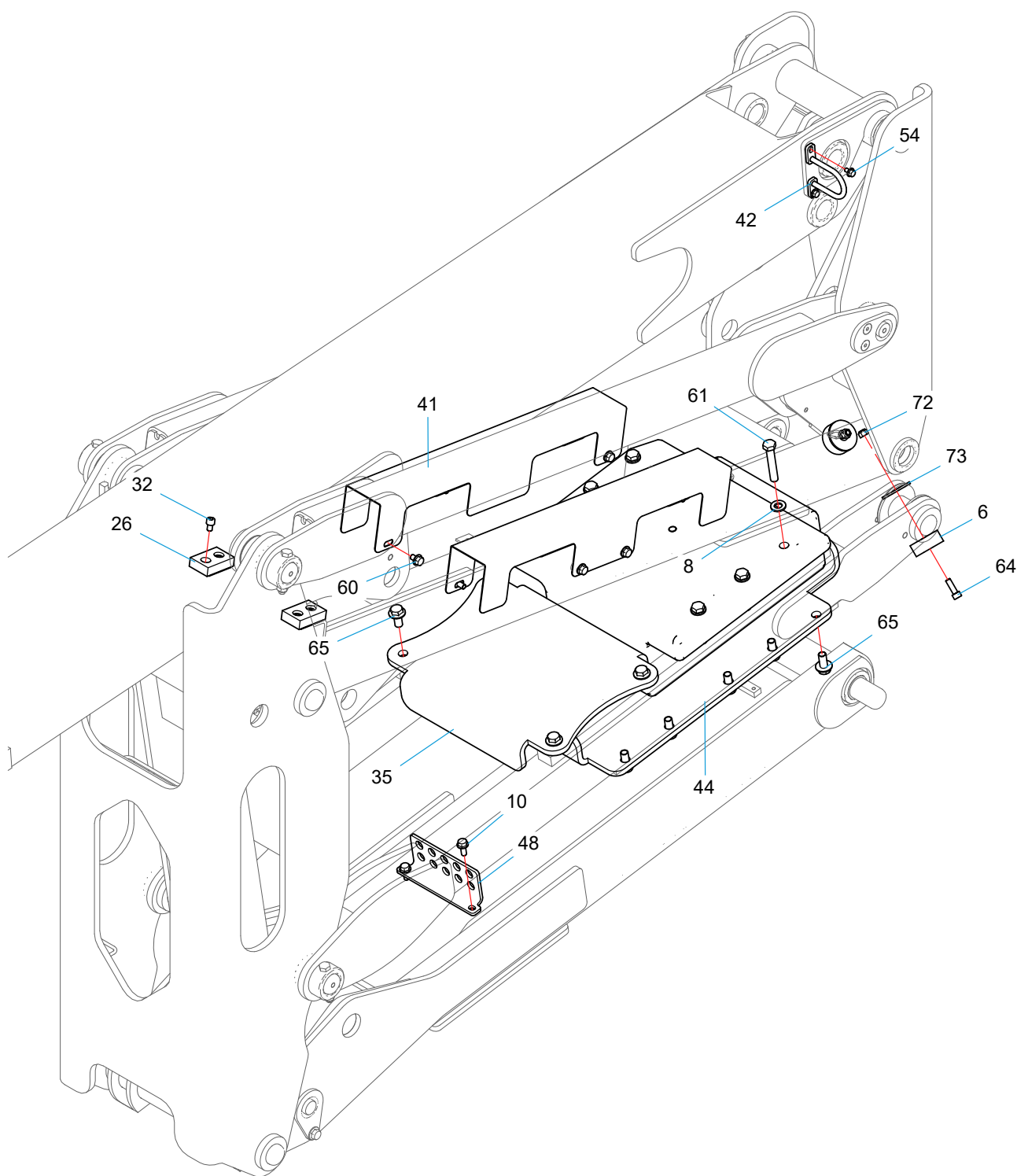
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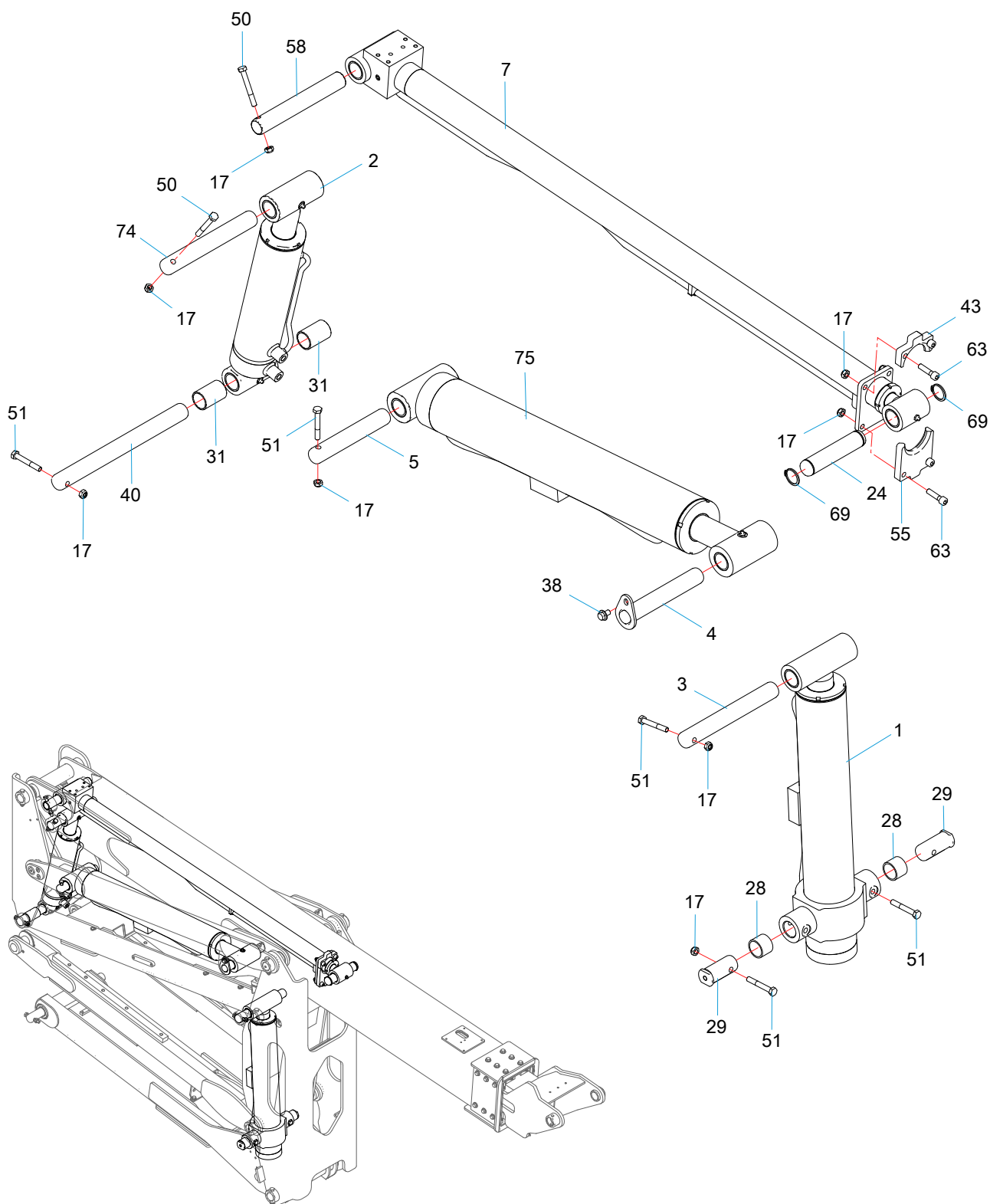
3 BOOM ASSEMBLY

3.1 BOOM ASSEMBLY







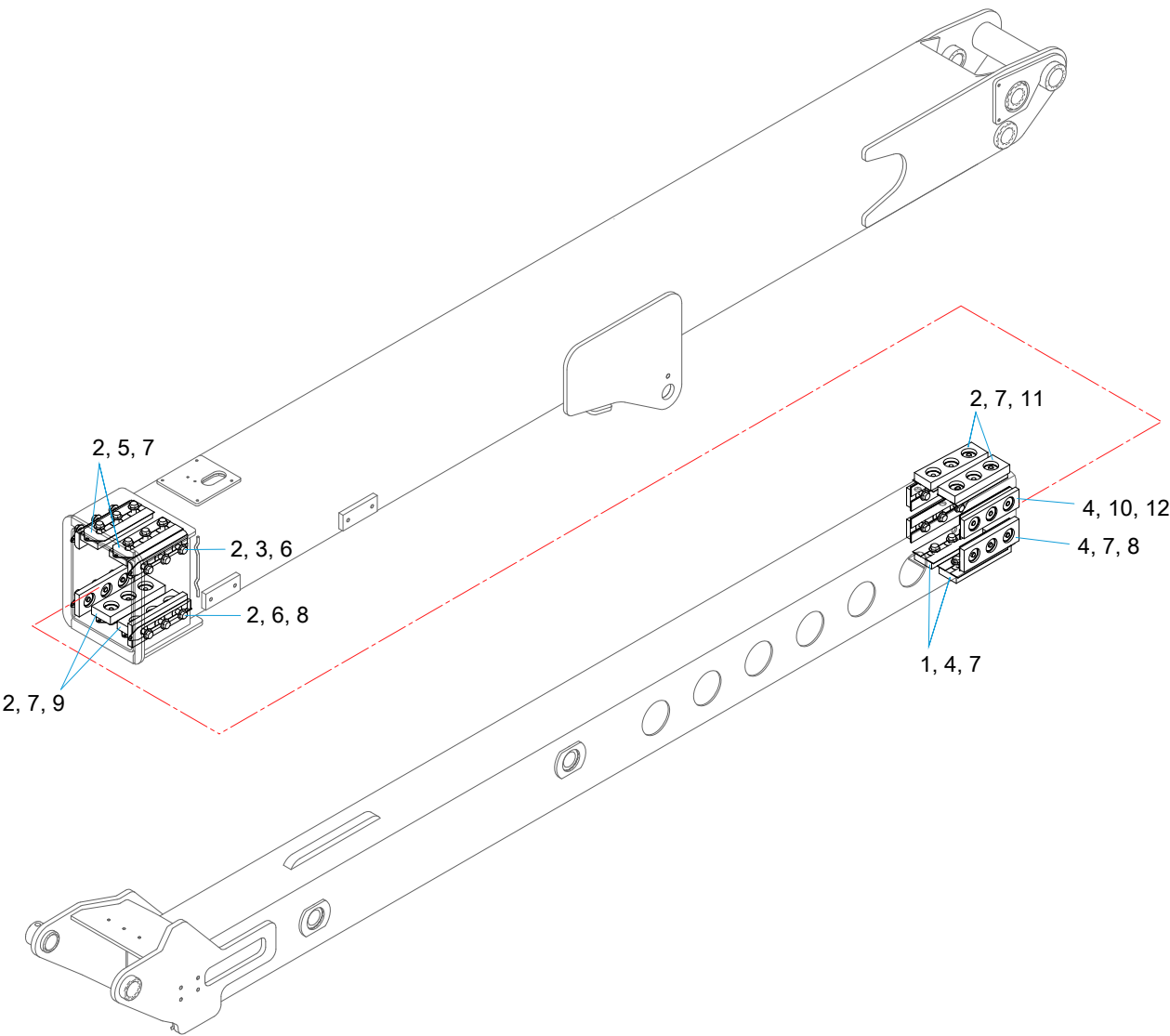


No.	Part No.	Qty.	Description
1	103010053002	1	Lift cylinder, tower boom(B)
1a-1	207990003910	1	Seal kit, cylinder(SC : 1000026)
1a-2	207990004241	1	Seal kit, cylinder(SC : 1000857)
2	103010053022	1	Cylinder,level (lower)(B)
2a-1	207990004157	1	Seal kit, cylinder(SC : 1000026)
2a-2	207990004244	1	Seal kit, cylinder(SC : 1000857)
3	103010013453	1	Shaft XJΦ35-265
4	103010013274	1	Weldment shaft Φ35-210
5	103010013462	1	Shaft XJΦ35-210
6	103010013289	2	Pad
7	103010053003	1	Cylinder, telescopic(B)
7a-1	207990004247	1	Seal kit, cylinder(SC : 1000857)
7a-2	207990003167	1	Seal kit , cylinder(SC : 1000026)
8	215040000037	6	Washer 12-200HV-ZnD GB/T 97.1
9	103010053021	1	Cylinder,level (upper)(D)
9a	207990004233	1	Seal kit, cylinder(SC : 1000026)
9a-2	207990004243	1	Seal kit, cylinder(SC : 1000857)
10	215010000234	2	Bolt M8×20-8.8-ZnD GB/T 5789
11	103010013519	2	Shim
12	103010013347	1	Main boom[Z]
13	103010013210	1	Shaft XGΦ35-420
14	103010013351	1	Tower boom, upper Link[Z]
15	103010013446	1	Counterweight
16	103010013518	4	Plate
17	215030000027	21	Nut M10-8-ZnD GB/T 6184
18	103010013612	1	INST, Tele-boom
19	103010013444	2	Shaft XGΦ35-400
20	103010013455	1	Shaft XJΦ35-225
21	215010000262	8	Bolt M12×25-10.9 DKL GB/T 5789
22	215020000226	4	Screw M8×20-8.8-ZnD GB/T 70.3
23	103010013611	1	Chain SYS, drag
24	103010013254	2	Shaft XGΦ35-162
25	103010013273	1	Weldment shaftΦ35-150[Z]
26	103010013459	2	Pad
27	103010013445	1	Weldment shaft Φ35-310
28	214030000069	2	Bushing, self-lubricating
29	103010013242	2	Shaft XGΦ35-80
30	214030000004	16	Self-lubricating bearing

No.	Part No.	Qty.	Description
31	214030003048	2	Self-lubricating bearing 35×41×60
32	215020000021	4	Screw M8×12-8.8-ZnD GB/T 70.1
33	103010013447	12	Shim
34	103010013352	1	Upright, upper[Z]
35	103010013463	1	Plate
36	103010013398	1	Link, lower
37	103010013162	1	Connector
38	215010000245	4	Bolt M10×16-8.8-ZnD GB/T 5789
39	103010013396	1	Articulating boom,lower[Z]
40	103010013464	1	Shaft XGΦ35-370
41	103010013468	2	Mounting hood
42	103010013517	1	Rod, cable routing
43	103010013236	1	Pad, wear
44	103010013460	1	Plate
45	103010013367	1	Telescopic boom[Z]
46	103010013448	2	Weldment shaft Φ35-90
47	103010013322	1	Tie rod
48	103010013334	1	Plate
49	103010013223	1	Shaft XGΦ35-300
50	215010000012	2	Bolt M10×80-8.8-ZnD GB/T 5782
51	215010000011	15	Bolt M10×70-8.8-ZnD GB/T 5782
52	103010013354	1	Link, lower
53	103010013492	1	Upright, lower[Z]
54	215010000229	2	Bolt M6×10-8.8-ZnD GB/T 5789
55	103010013237	1	Pad, wear
56	214030003049	6	Self-lubricating bearing 35×41×45
57	103010013614	1	ASSY, jib
58	103010013540	1	Shaft XJΦ35-245
59	215040000108	1	Washer 22-DKL GB/T 1230
60	215010000233	8	Bolt M8×12-8.8-ZnD GB/T 5789
61	215010000106	6	Bolt M12×70-8.8-ZnD GB/T 5783
62	215010000237	1	Bolt M10×20-8.8-ZnD GB/T 5789
63	215020000053	4	Screw M10×40-8.8-ZnD GB/T 70.1
64	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
65	215010000242	14	Bolt M12×25-8.8-ZnD GB/T 5789
66	103010013461	2	Weldment shaft Φ35-110
67	215030000104	1	Nut M22-8-ZnD GB/T 899.1
68	105026013305	1	Shaft
69	215040000124	4	Ring, retaining 35-DKL JB/ZQ 4342

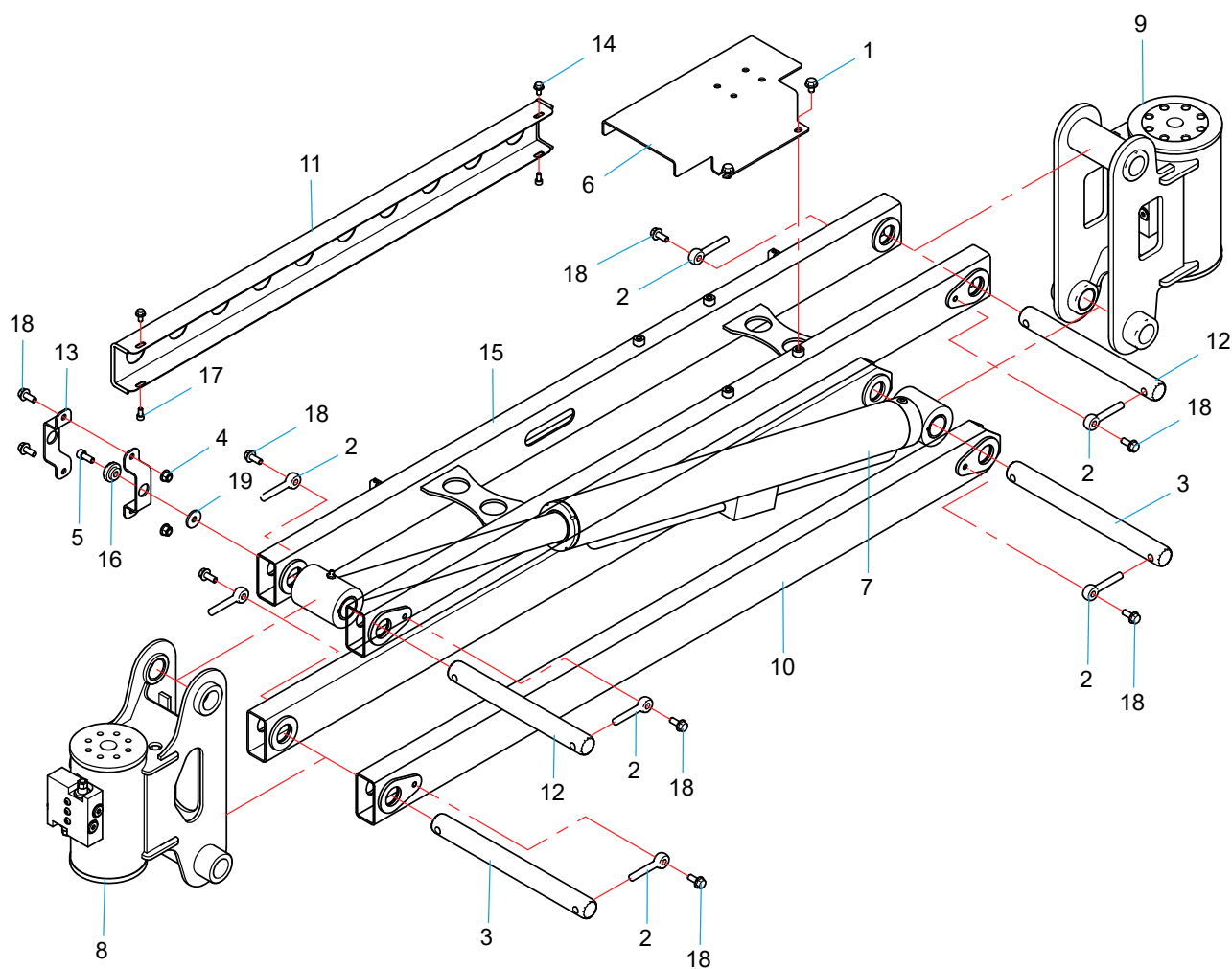
No.	Part No.	Qty.	Description
70	103010013449	4	Plate
71	103010013458	4	Shaft XGΦ35-115
72	215030000026	2	Nut M8-8-ZnD GB/T889.1
73	215040000020	2	Washer 16-200HV-ZnD GB/T 96.1
74	103010013247	1	Shaft XJΦ35-255
75	103010053009	1	Main Boom Cylinder(A)
75a	207990004242	1	Seal kit, cylinder(SC : 1000857)
76	103010013400	2	Link, upper
77	103010013456	1	Shaft XGΦ35-360

3.2 TELESCOPIC BOOM INSTALLATION



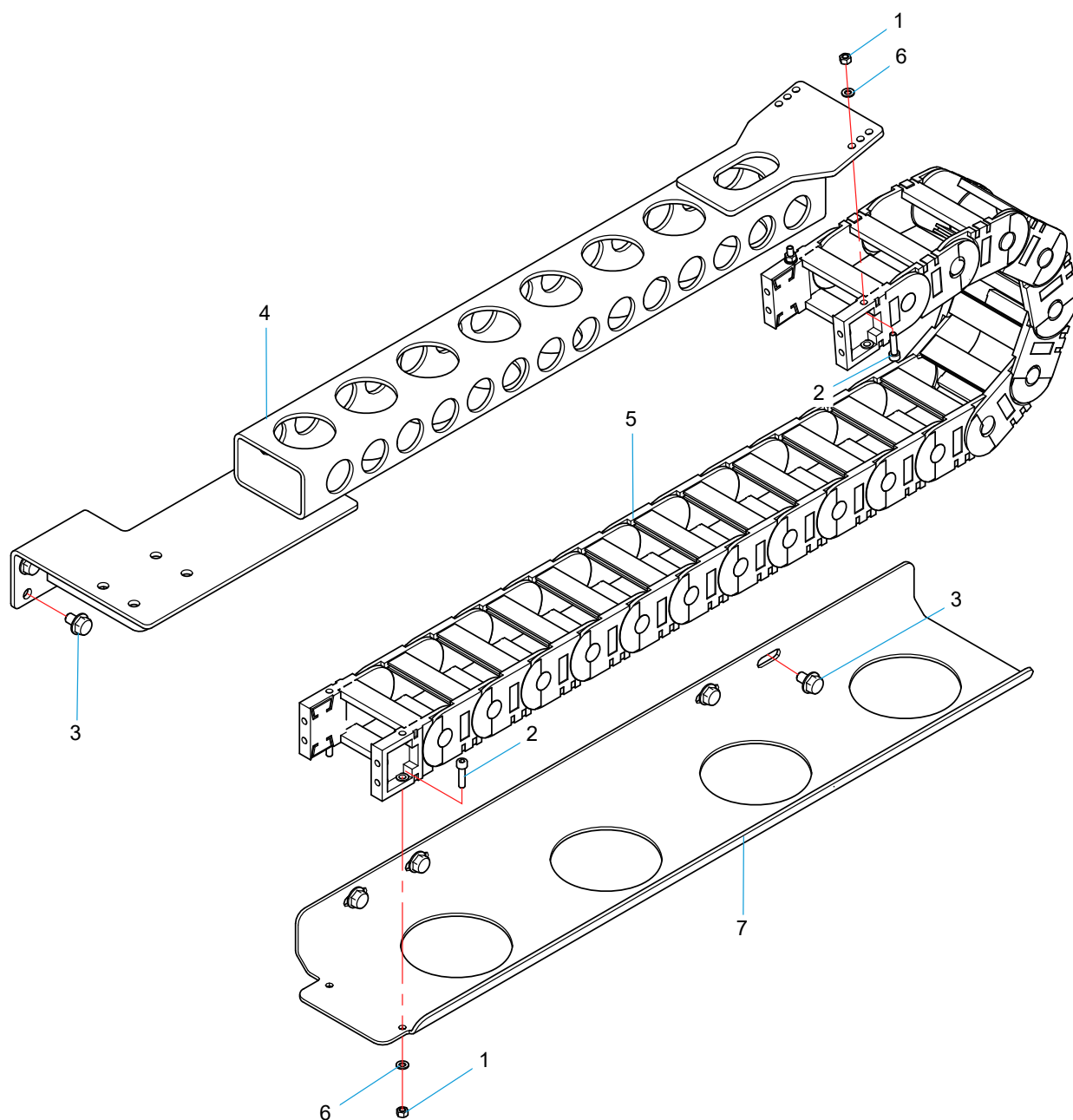
No.	Part No.	Qty.	Description
1	104009010106	2	Slider block assembly
2	215010000238	30	Bolt M10×25-8.8-ZnD GB/T 5789
3	103010013502	2	Slider block assembly
4	215010000237	18	Bolt M10×20-8.8-ZnD GB/T 5789
5	103010013267	2	Slider block assembly
6	103010013504	4	Shim
7	104009010103	12	shim
8	104008010106	3	Slider block assembly
9	103010013268	2	Slider block assembly
10	104011010072	3	shim
11	104009010112	2	Slider block assembly
12	103006013021	3	Wear pad assembly

3.3 JIB BOOM ASSEMBLY



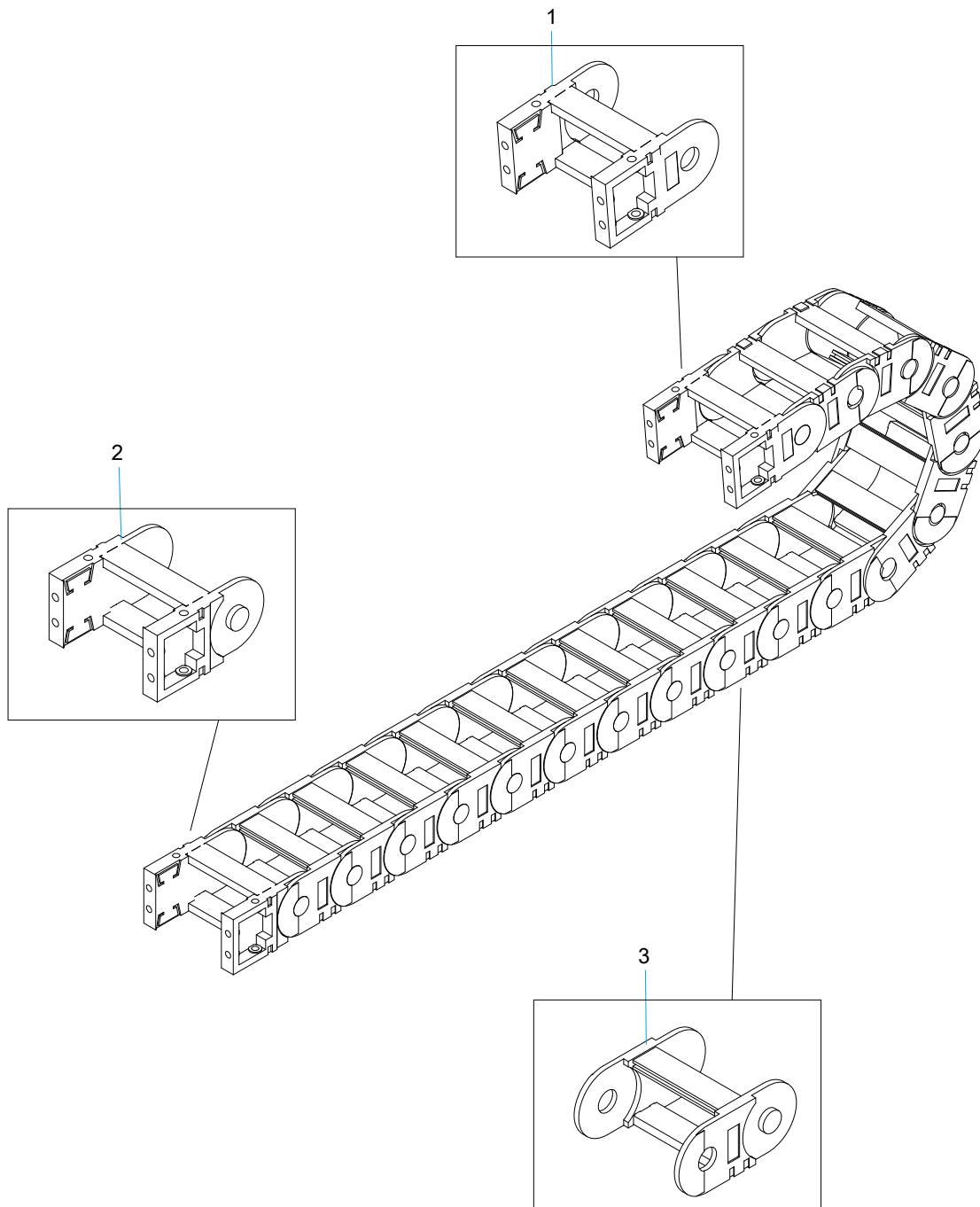
No.	Part No.	Qty.	Description
1	215010000233	4	Bolt M8×12-8.8-ZnD GB/T 5789
2	101012010044	8	Keeper pin
3	103010013477	2	Shaft XGΦ32-325
4	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
5	215020000023	1	Screw M8×20-8.8-ZnD GB/T 70.1
6	103010013510	1	Grooved plate
7	103010053007	1	Lift cylinder, jib(C)
7a	207990004248	1	Seal kit, cylinder
8	103010013617		OPT,swing motor(platform)
8-1	202020003050	1	Swing cylinder(SC : 1000187)
8-1a	207990003890	1	Seal kit,motor(orbital)
8-2	202020003137	1	Swing cylinder(SC : 1000857)
8-2a	207990004088	1	Seal kit, cylinde
9	103010013615		OPT, Swing motor (Jib)
9-1	202020003051	1	Swing cylinder(SC : 1000187)
9-1a	207990003888		Seal kit, rotator
9-2	202020003138	1	Swing cylinder(SC : 1000857)
9-2a	207990004089	1	Seal kit, cylinde
10	103010013551	2	Boom, horizontal[Z]
11	103010013546	1	Hose cover
12	103010013481	2	Shaft XGΦ32-285
13	112001013051	2	Folded Plate
14	215010000281	2	Bolt M6×12-8.8-ZnD GB/T 5789
15	103010013552	1	Extending boom[Z]
16	112001013052	1	Block, nylon
17	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
18	215010000234	10	Bolt M8×20-8.8-ZnD GB/T 5789
19	215040000103	1	Washer 8-100HV-ZnD GB/T 5287

3.4 CABLE TRACK INSTALLATION



No.	Part No.	Qty.	Description
1	215030000003	4	Nut M5-A2-70 GB/T 6170
2	215020000008	4	Screw M5×20-A2-70 GB/T 70.1
3	215010000233	8	Bolt M8×12-8.8-ZnD GB/T 5789
4	103010013534	1	Tube, push
5	204190003374	1	Cable track and joints
6	215040000032	4	Washer 5-A2 GB/T 97.1
7	103010013536	1	Tube, carrier

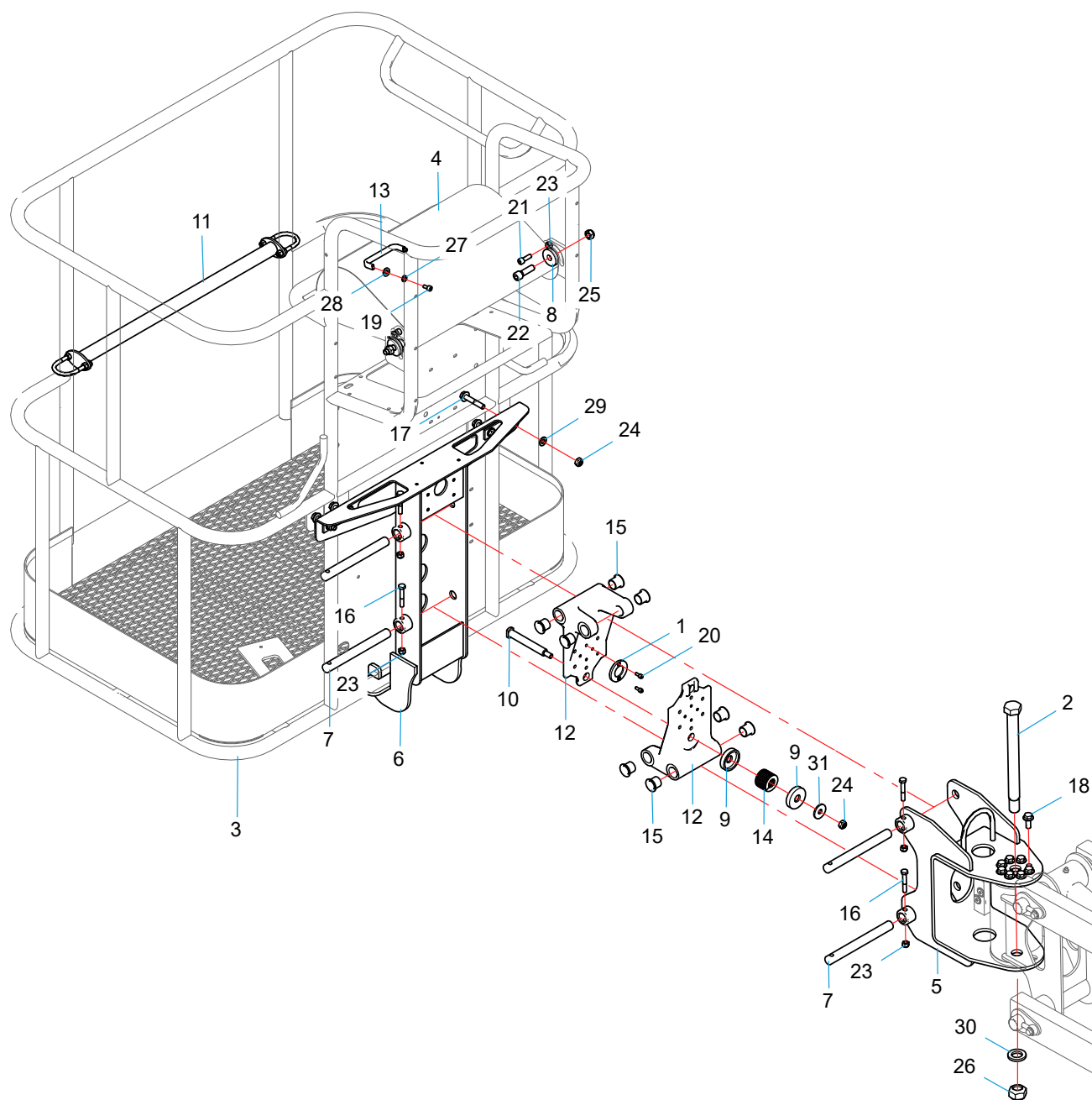
3.5 DRAG CHAIN AND JOINT



No.	Part No.	Qty.	Description
1	204190003376	1	Joint, moving end
2	204190003375	1	Fixed end joint
3	204190003369	17	Link section

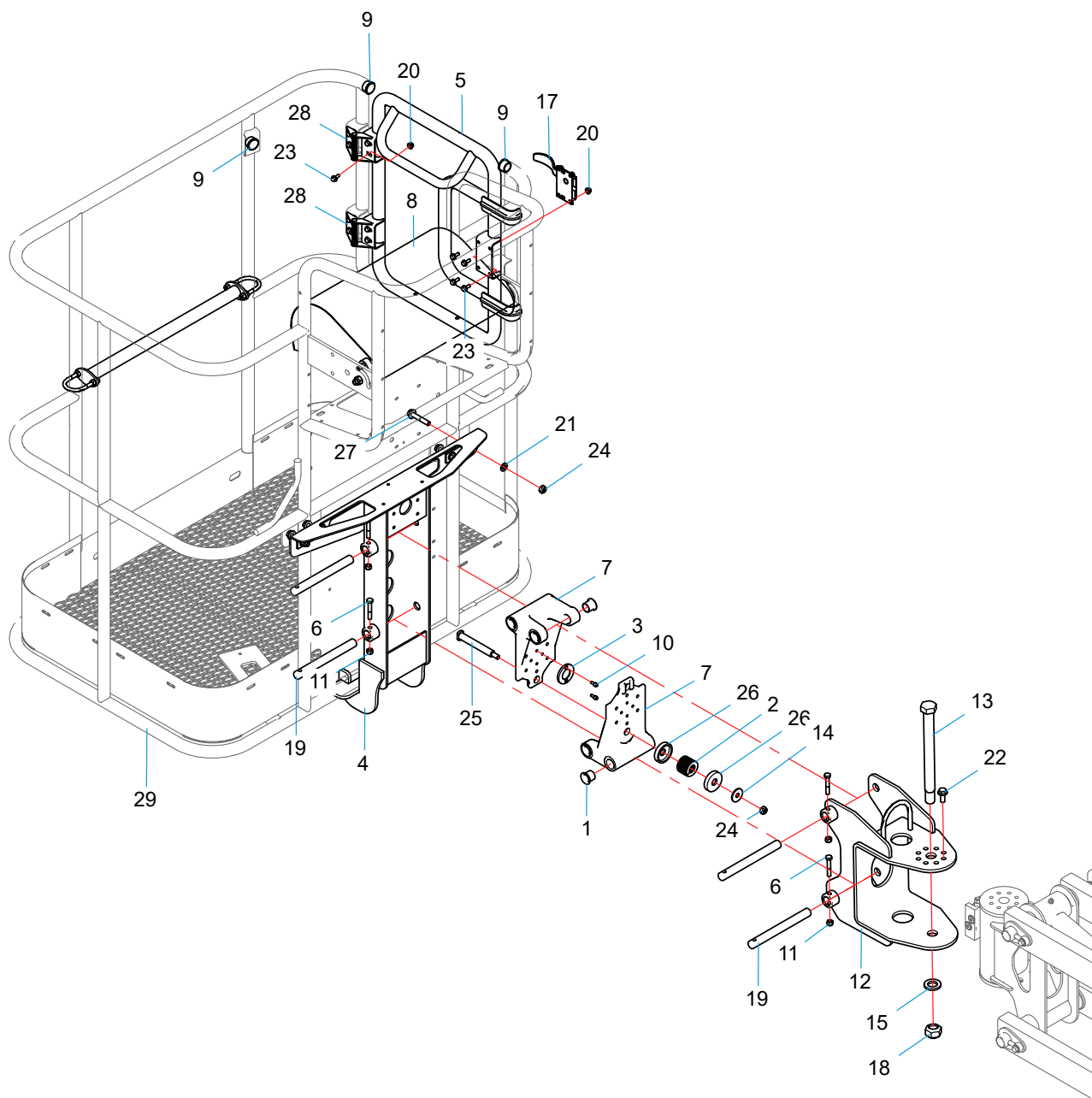
4 PLATFORM ASSEMBLY

4.1 PLATFORM INSTALLATION



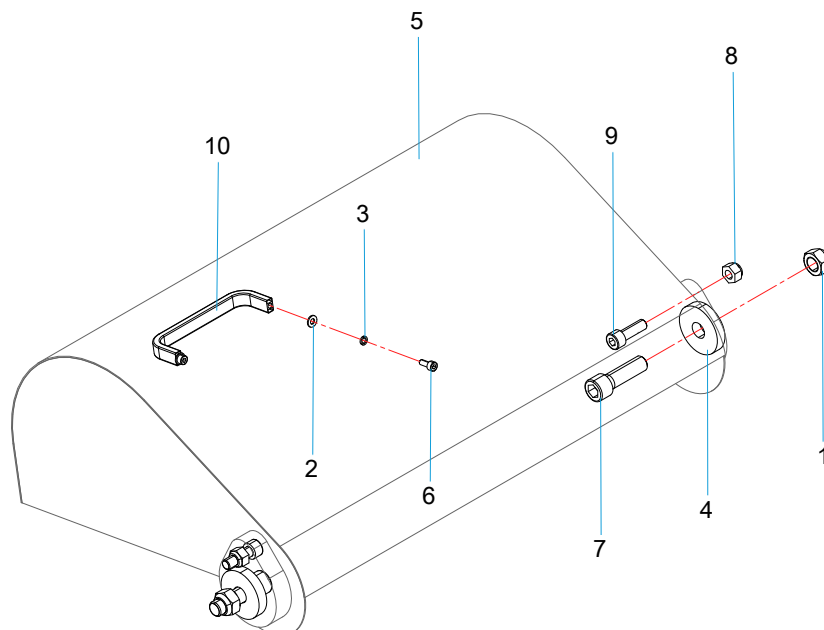
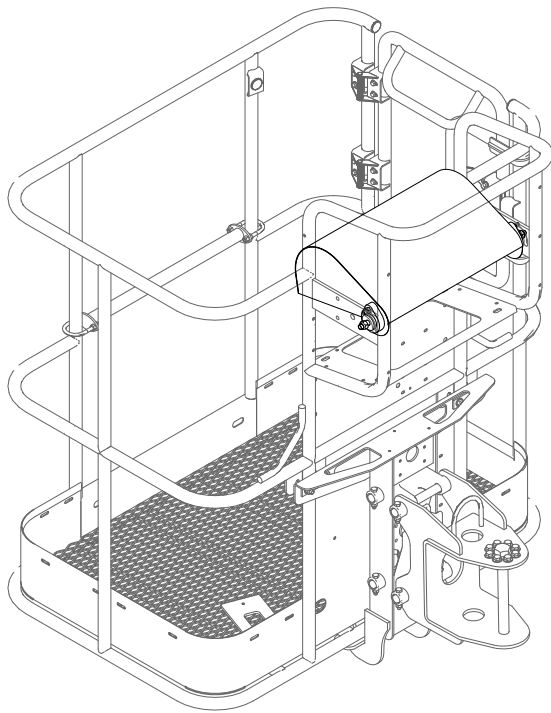
No.	Part No.	Qty.	Description
1	103006060038	1	Plate
2	103010013578	1	Pin,swing motor
3	103010043238	1	Platform
4	103010043260	1	Dust cover
5	103010043322	1	Bracket
6	103010043340	1	Frame, support
7	105001040034	4	Shaft
8	105001040055	2	Plate
9	105029013045	2	Retaining ring
10	105029013067	1	Special screw
11	105064043183	1	Door Pole
12	114023040001	2	Frame, weighing
13	209030000001	1	Handle, C.C.96mm
14	210110000001	1	Compression spring
15	214080000001	8	Bearing 20×23×21.5 SF-1F
16	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
17	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
18	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
19	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
20	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
21	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
22	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
23	215030000026	6	Nut M8-8-ZnD GB/T889.1
24	215030000027	5	Nut M10-8-ZnD GB/T 6184
25	215030000029	2	Nut M12-8-ZnD GB/T 6184
26	215030000104	1	Nut M22-8-ZnD GB/T 899.1
27	215040000002	2	Washer 4-A2-70 GB/T 93
28	215040000031	2	Washer 4-A2 GB/T 97.1
29	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
30	215040000108	1	Washer 22-DKL GB/T 1230
31	215040000125	1	Washer 10-100HV-ZnD GB/T 5287

4.2 PLATFORM INSTALLATION -SWING GATE



No.	Part No.	Qty.	Description
1	214080000001	8	Bearing 20×23×21.5 SF-1F
2	210110000001	1	Compression spring
3	103006060038	1	Plate
4	103010043340	1	Frame, support
5	103010043311	1	Side door
6	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
7	114023040001	2	Frame, weighing
8	103010043379	1	INST, protection cover
9	105064043177	3	Tube cap
10	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
11	215030000026	4	Nut M8-8-ZnD GB/T889.1
12	103010043322	1	Bracket
13	103010013578	1	Pin,swing motor
14	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
15	215040000108	1	Washer 22-DKL GB/T 1230
16	103010043317	1	Door lever assembly
17	209050003006	1	Lock
18	215030000104	1	Nut M22-8-ZnD GB/T 899.1
19	105001040034	4	Shaft
20	215030000107	12	Nut M6-8-ZnD GB/T 6183.1
21	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
22	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
23	215010000230	12	Bolt M6×16-8.8-ZnD GB/T 5789
24	215030000027	5	Nut M10-8-ZnD GB/T 6184
25	105029013067	1	Special screw
26	105029013045	2	Retaining ring
27	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
28	209050003009	2	Hinge
29	103010043300	1	Platform

4.3 PROTECTIVE COVER INSTALLATION OPTIONAL

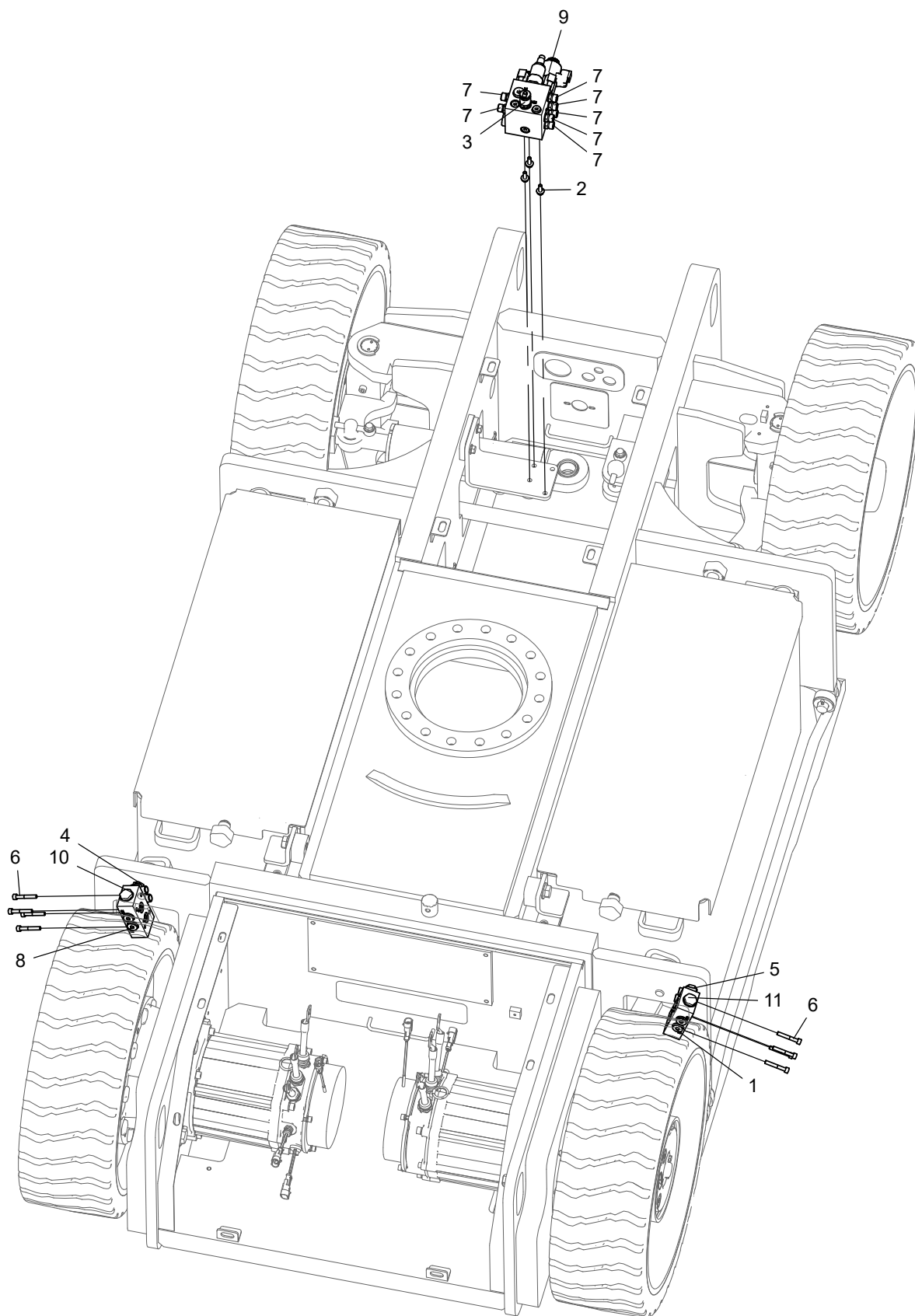


No.	Part No.	Qty.	Description
1	215030000029	2	Nut M12-8-ZnD GB/T 6184
2	215040000031	2	Washer 4-A2 GB/T 97.1
3	215040000002	2	Washer 4-A2-70 GB/T 93
4	105001040055	2	Plate
5	103010043260	1	Dust cover
6	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
7	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
8	215030000026	2	Nut M8-8-ZnD GB/T889.1
9	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
10	209030000001	1	Handle, C.C.96mm

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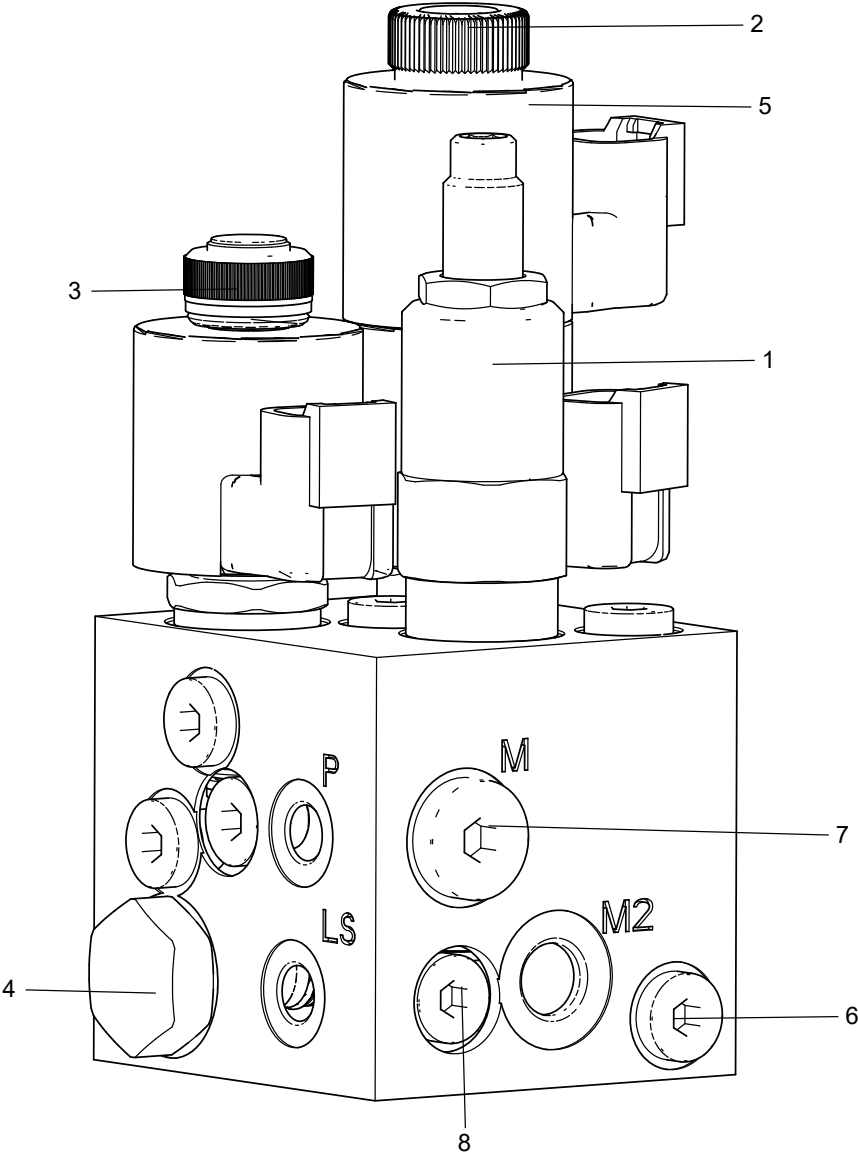
5 HYDRAULIC SYSTEM

5.1 CHASSIS HYDRAULIC COMPONENTS INSTALLATION



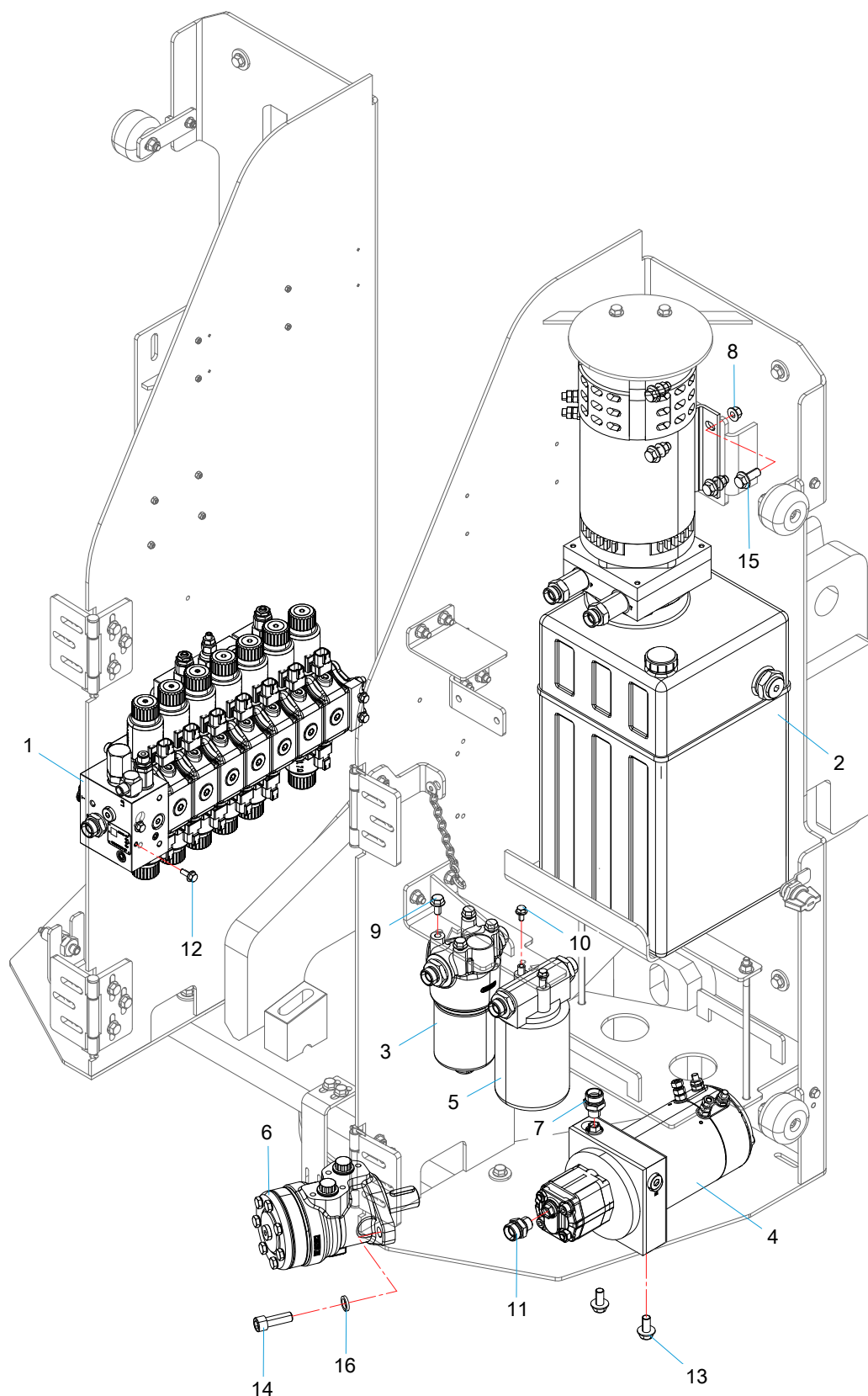
No.	Part No.	Qty.	Description
1	213060000003	2	Plug
2	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
3	213010000010	1	Coupler
4	213010000146	2	Coupler
5	213010000146	2	Coupler
6	215020000016	8	Screw M6×40-A2-70 GB/T 70.1
7	213010000068	7	Coupler
8	213060000003	2	Plug
9	202040003546	1	Pothole control valve
10	202040003545	1	Lock, HYDR (bi-directional)
10a	202990003432	1	Hydraulic lock
10b	207060003005	2	O-ring
11	202040003545	1	Lock, HYDR (bi-directional)
11a	202990003432	1	Hydraulic lock
11b	207060003005	2	O-ring

5.2 POTHOLE CONTROL VALVE (PN.202040003546)



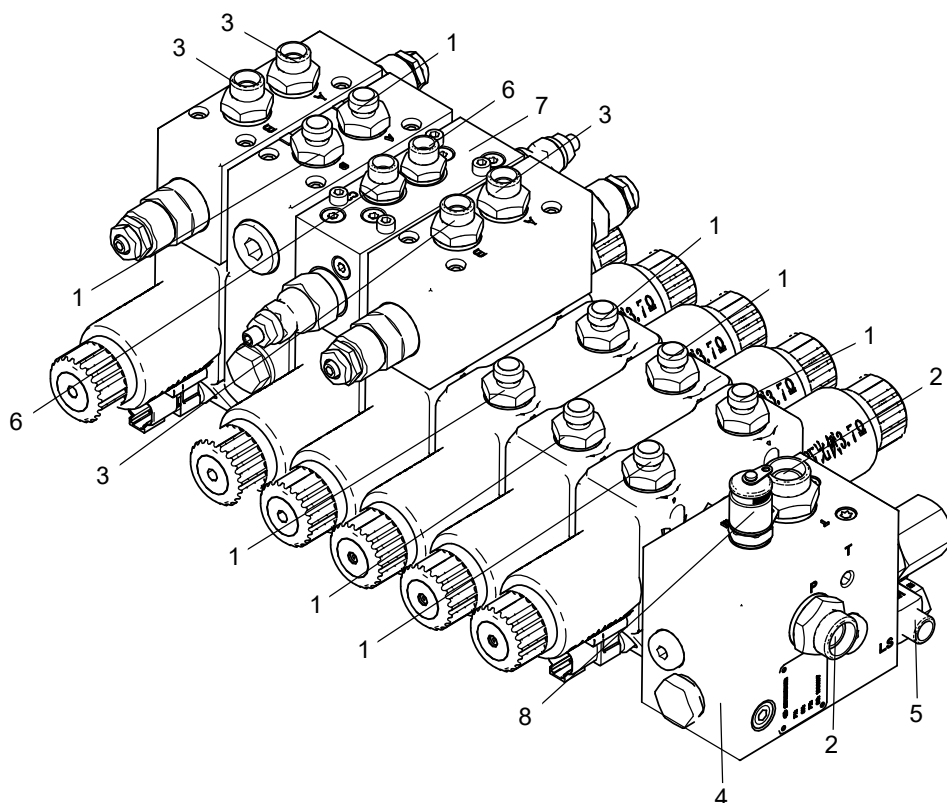
No.	Part No.	Qty.	Description
1	202990003933	1	Pressure relief valve
2	202040003371	1	Electric valve
3	202990003313	1	Switch solenoid valve
4	202990003071	1	Check valve
5	202990003144	3	Coil
6	213060003015	8	Plug
7	213060003016	1	Plug
8	202130003003	1	Damper

5.3 TURNTABLE HYDRAULIC COMPONENTS INSTALLATION



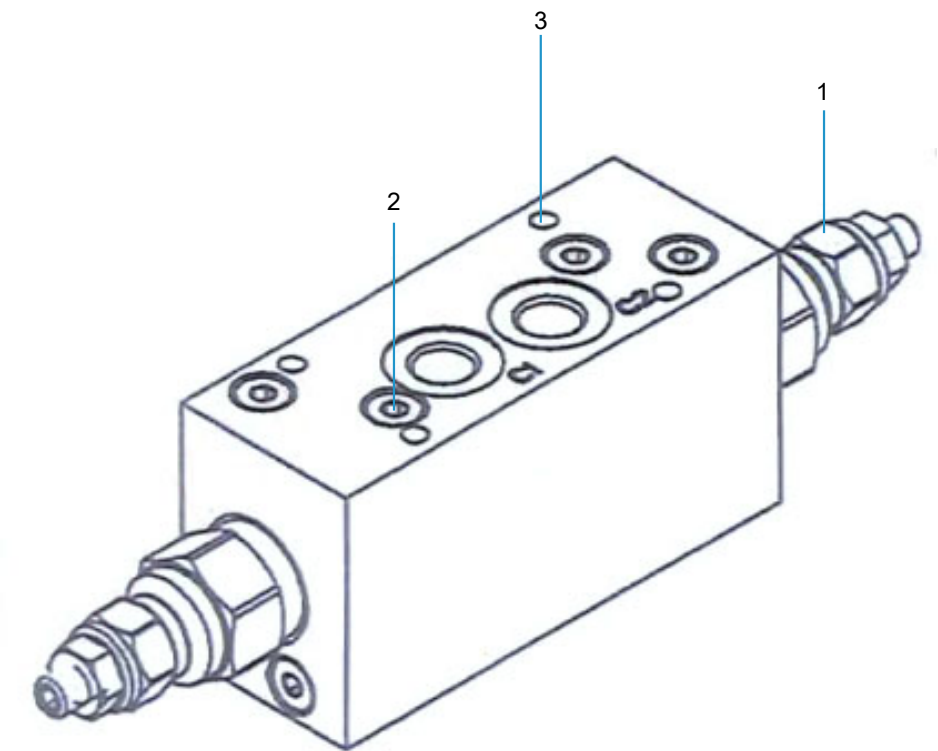
No.	Part No.	Qty.	Description
1	103010053030	1	Multitandem Valve conn fabricated
2	103010053028	1	Power unit Fittings Installation
3	105074053041	1	High press filter & Fittings Installation
4	103013050025		Emergency power unit options
4-1	202010003136	1	Emergency power unit(SC : 1000631)
4-2	202010003139	1	Emergency power unit(SC : 1000250)
5	103010053031	1	Return filter Fittings Installation
6	103011053176		Cycloid motor options
6-1	202020000014	1	Cycloid motor(SC: 1000035)
6-2	202020003090	1	Cycloid motor(SC: 1000107, see later for subcomponent information)
7	213010000076	1	Coupler
8	215030000108	4	Nut M8-8-ZnD GB/T 6183.1
9	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
10	215010000281	2	Bolt M6×12-8.8-ZnD GB/T 5789
11	213010000003	1	Coupler
12	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
13	215010000237	2	Bolt M10×20-8.8-ZnD GB/T 5789
14	215020000076	2	Screw M12×35-8.8-ZnD GB/T 70.1
15	215010000238	4	Bolt M10×25-8.8-ZnD GB/T 5789
16	215040000007	2	Washer 12-ZnD GB/T 93

5.4 MULTITANDEM VALVE AND FITTINGS INSTALLATION



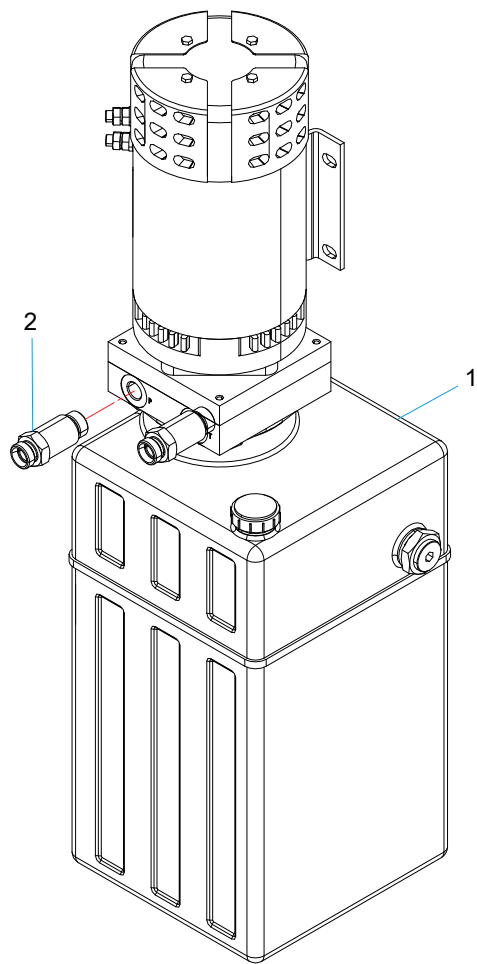
No.	Part No.	Qty.	Description
1	213010000047	8	Fitting
2	213010000039	2	Coupler
3	213010000006	4	Fitting
4	202040003369	1	7-section electric proportional multi-way manifold
5	213010000146	1	Coupler
6	213010000007	2	Fitting
7	202040003368	1	2-way counterbalance manifold
8	213010000010	1	Coupler

5.5 2-WAY COUNTERBALANCE VALVE (PN.202040003368)



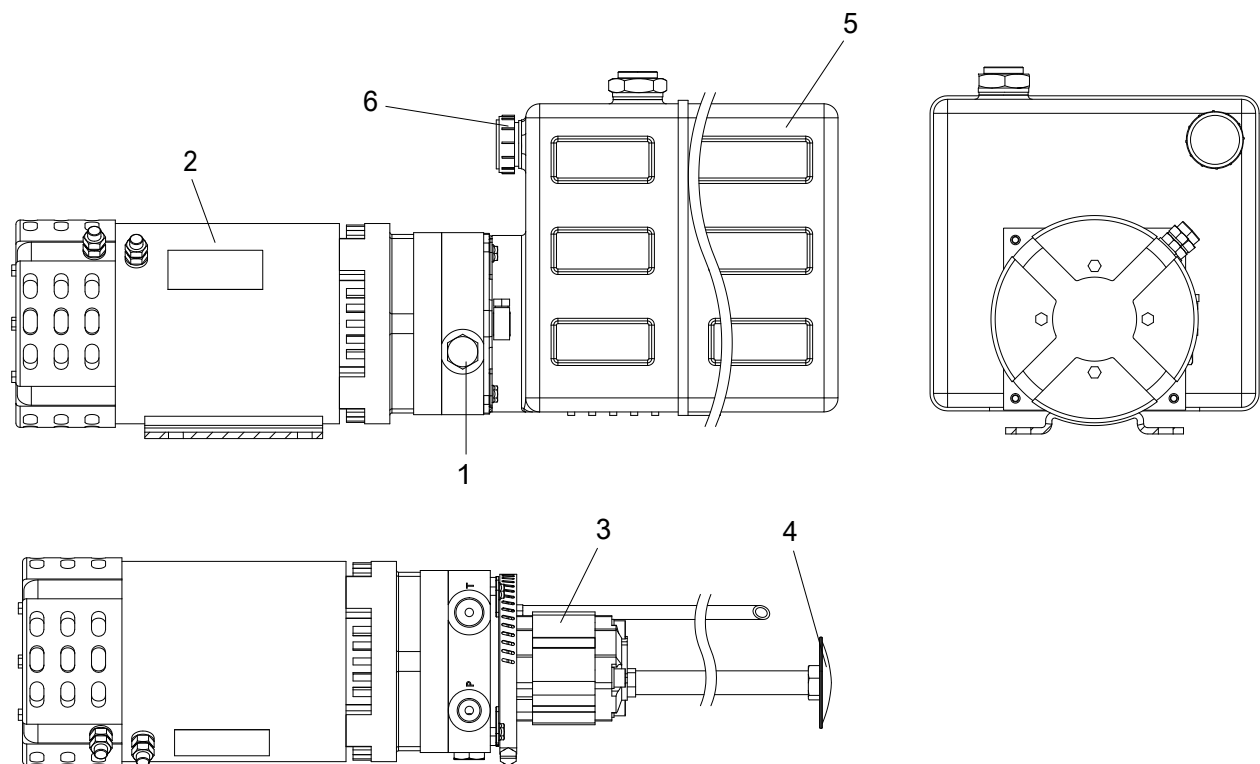
No.	Part No.	Qty.	Description
1	202040003207	2	Spool
2	202040003961	2	Plug
3	202040003962	4	bolt

5.6 POWER UNIT AND FITTINGS INSTALLATION



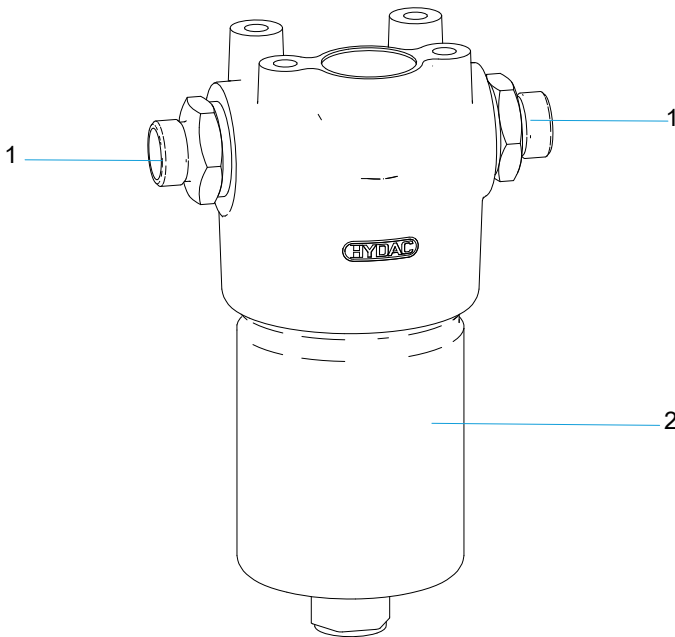
No.	Part No.	Qty.	Description
1	202010003076	1	Primary Pmup
2	213010003182	2	Coupler

5.7 POWER UNIT (PN.202010003076)



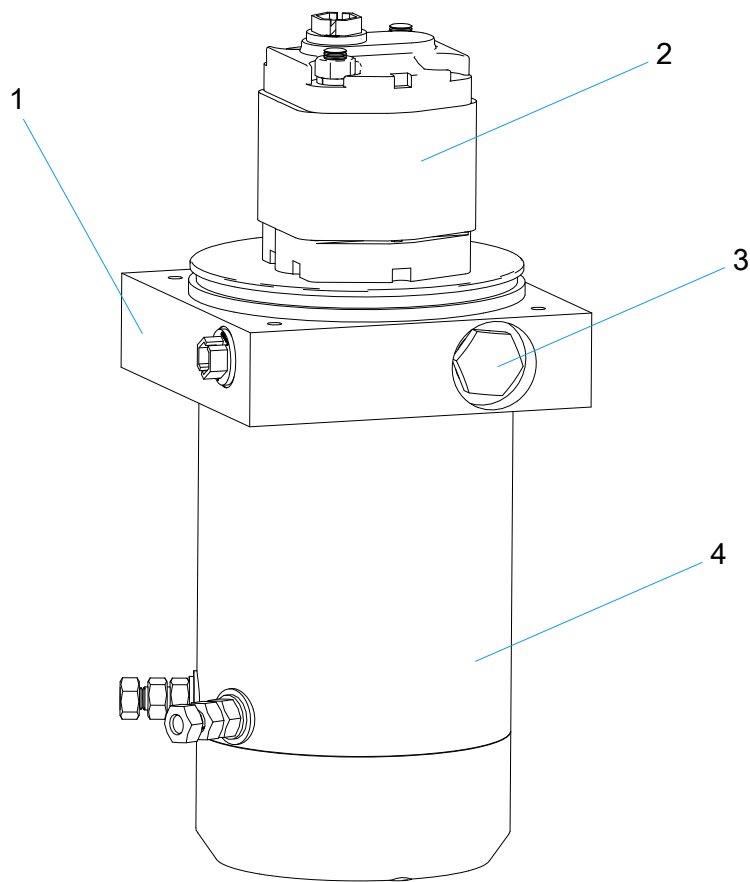
No.	Part No.	Qty.	Description
1	202040003278	1	Check valve
2	202990004046	1	DC motor
3	202990003881	1	Gear pump
4	202080003005	1	Filter screen
5	202990003880	1	Injection molded fuel tank
6	202070003017	1	Air filter
7	202990003879	1	Valve block and return pipe assembly(Not shown)
8	202990004045	1	Hose(Not shown)

5.8 HIGH PRESSURE FILTER CONNECTOR INSTALLATION



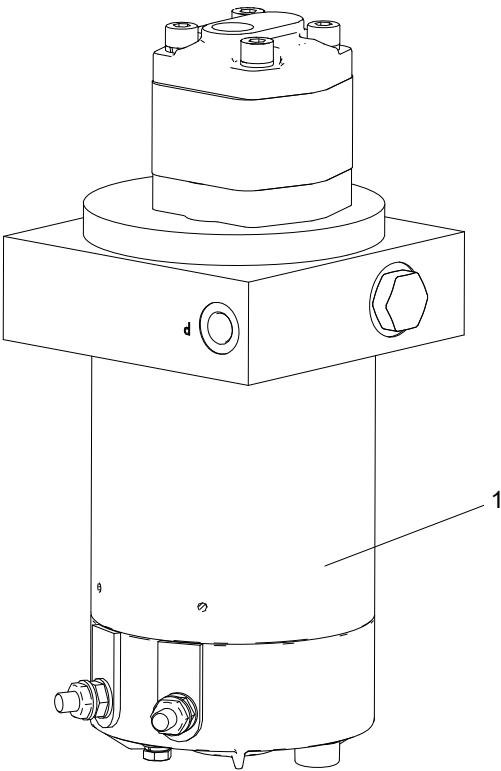
No.	Part No.	Qty.	Description
1	213010000014	2	Coupler
2	202080000046	1	High pressure filter
2a	202080000048	1	Filter element(Not shown)

5.9 EMERGENCY POWER UNIT (PN.202010003136)



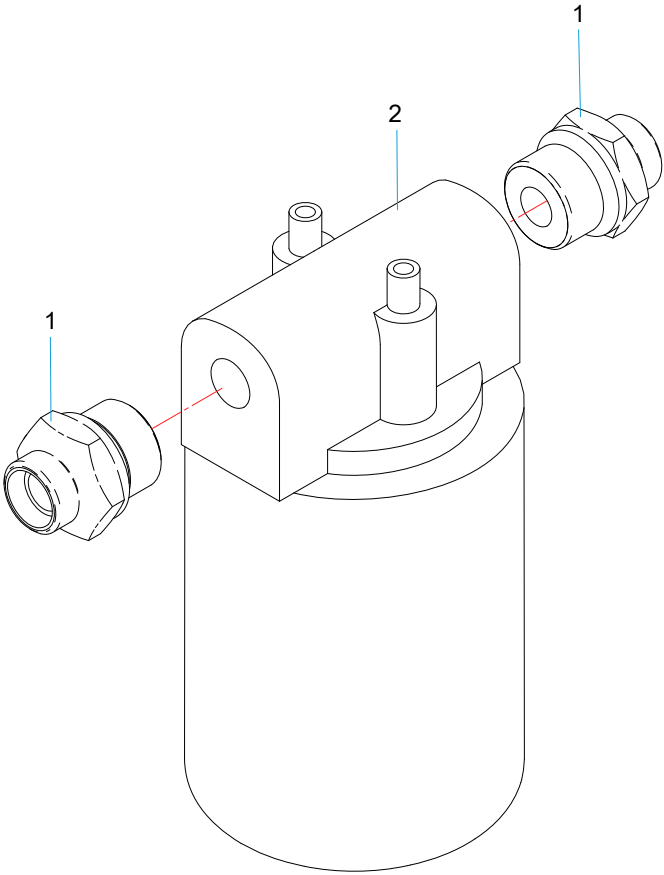
No.	Part No.	Qty.	Description
1	202990003986	1	Block, valve
2	202010003190	1	Pump, gear
3	202040003278	1	Check valve
4	202990003985	1	Motor

5.10 EMERGENCY POWER UNIT (PN.202010003139)



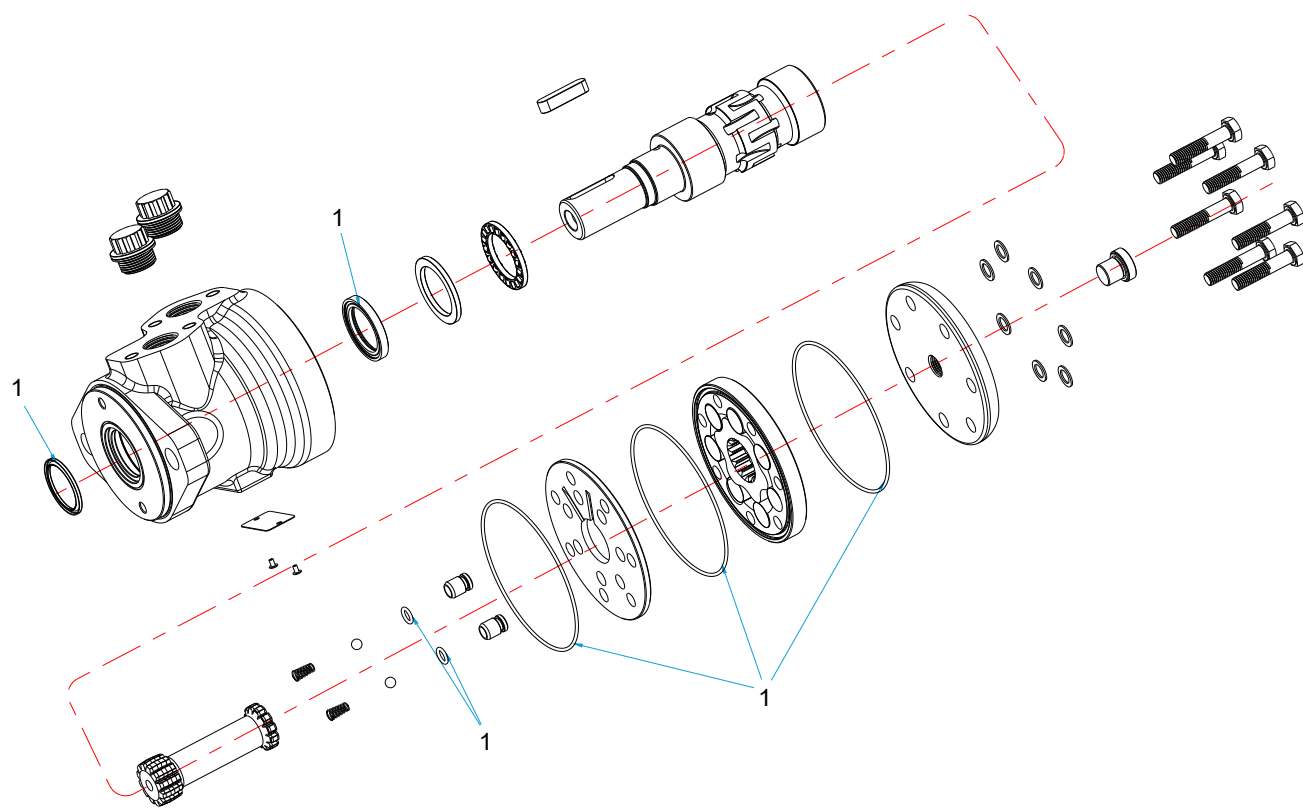
No.	Part No.	Qty.	Description
1	203010003130	1	DC motor
2	207990003985	1	Seal kit, gear pump(Not show)

5.11 RETURN FILTER CONNECTOR INSTALLATION



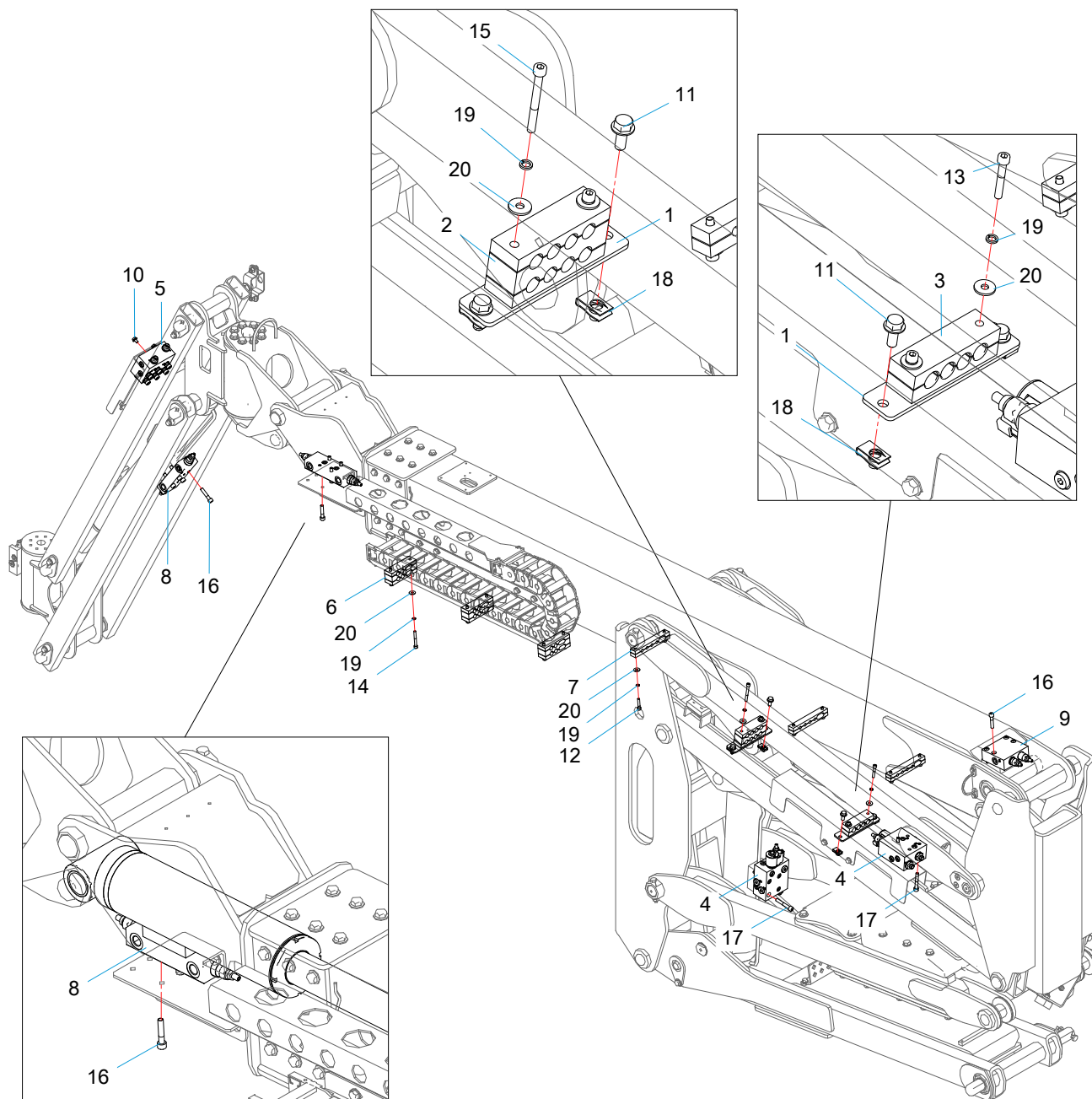
No.	Part No.	Qty.	Description
1	213010000014	2	Coupler
2	202080000001	1	Filter
2a	202080000024	1	Filter element, spin-on type

5.12 CYCLOID MOTOR (PN.202020003090)



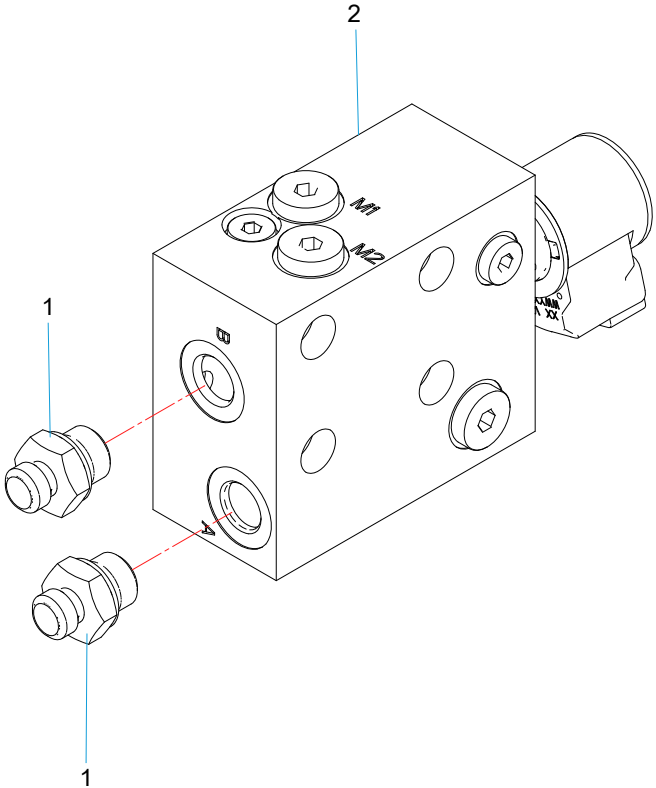
No.	Part No.	Qty.	Description
1	202990003346	1	Seal kit, Cycloid motor

5.13 BOOM HYDRAULIC COMPONENTS INSTALLATION



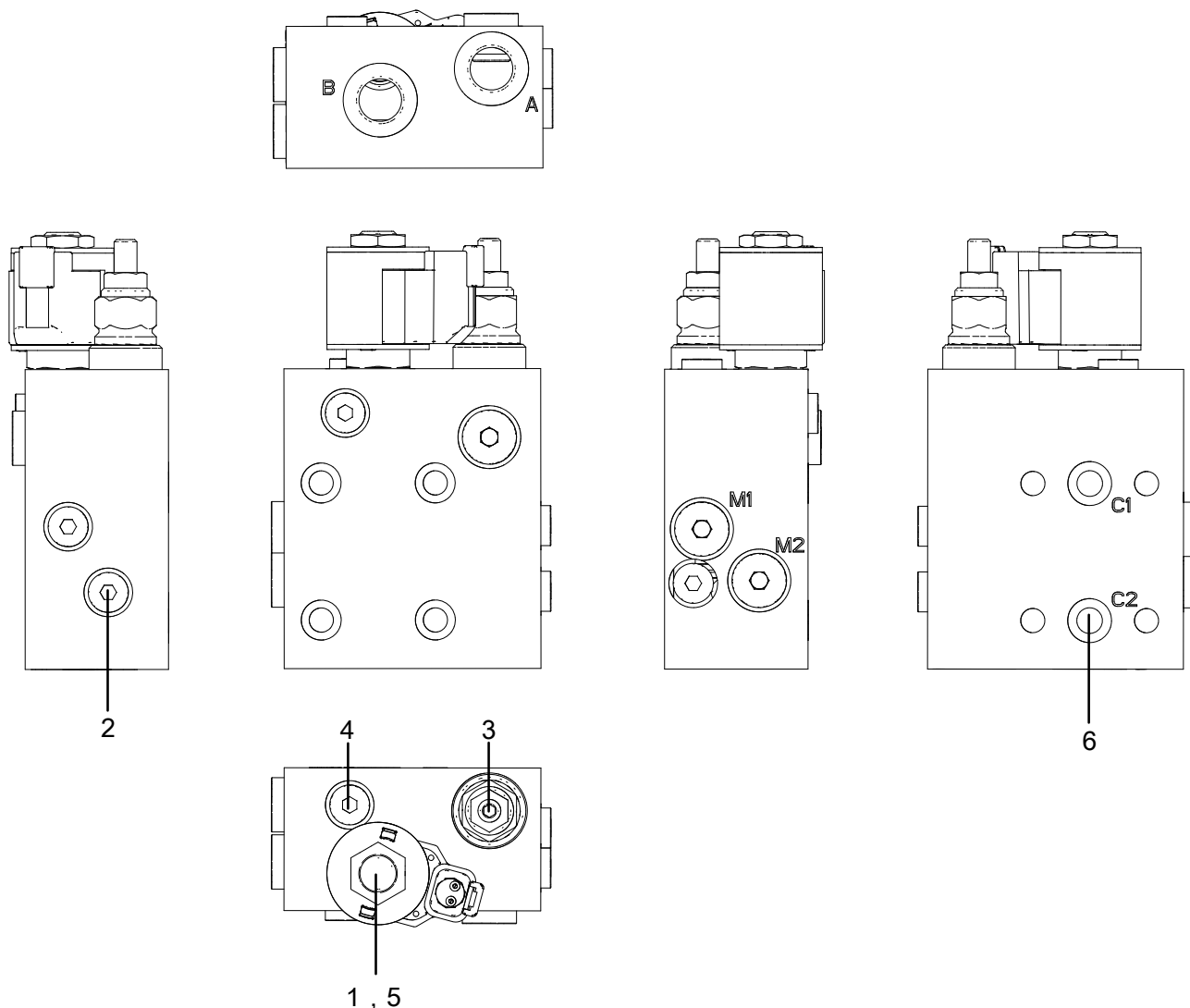
No.	Part No.	Qty.	Description
1	103010053041	2	Plate
2	103010053042	1	Pipe clamp
3	103010053115	1	Pipe clamp
4	103010053130	2	Lift counterbalance manifold Fittings Installation
5	103010053145	1	Platform control manifold Fittings Installation
6	103010053147	3	Self-made Pipe Clamps
7	103010053156	3	Self-made pipe clamp
8	202040000011	2	Counterbalance valve, leveling
9	202040003410	1	Telescope counterbalance manifold
10	215010000229	4	Bolt M6×10-8.8-ZnD GB/T 5789
11	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
12	215020000014	6	Screw M6×30-A2-70 GB/T 70.1
13	215020000016	2	Screw M6×40-A2-70 GB/T 70.1
14	215020000018	6	Screw M6×50-A2-70 GB/T 70.1
15	215020000020	2	Screw M6×60-A2-70 GB/T 70.1
16	215020000029	12	Screw M8×40-10.9-DKL GB/T 70.1
17	215020000036	8	Screw M8×55-10.9-DKL GB/T 70.1
18	215030000106	4	B type spring nuts
19	215040000004	16	Washer 6-A2-70 GB/T 93
20	215040000133	16	Washer 6-200HV-A2 GT/B 96.1

5.14 LIFTING CONTROL VALVE AND FITTINGS INSTALLATION



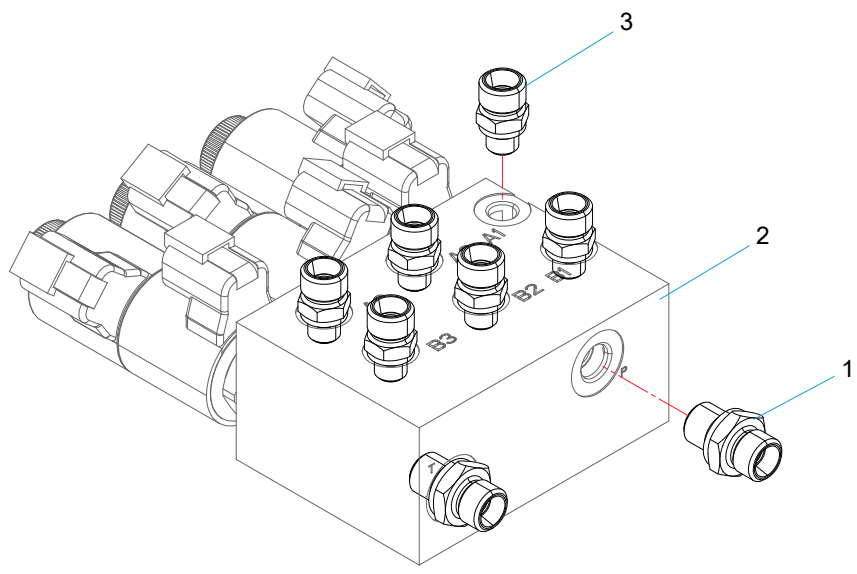
No.	Part No.	Qty.	Description
1	213010000047	2	Fitting
2	202040003366	1	Lift counterbalance valve

5.15 LIFTING CONTROL VALVE (PN.202040003366)



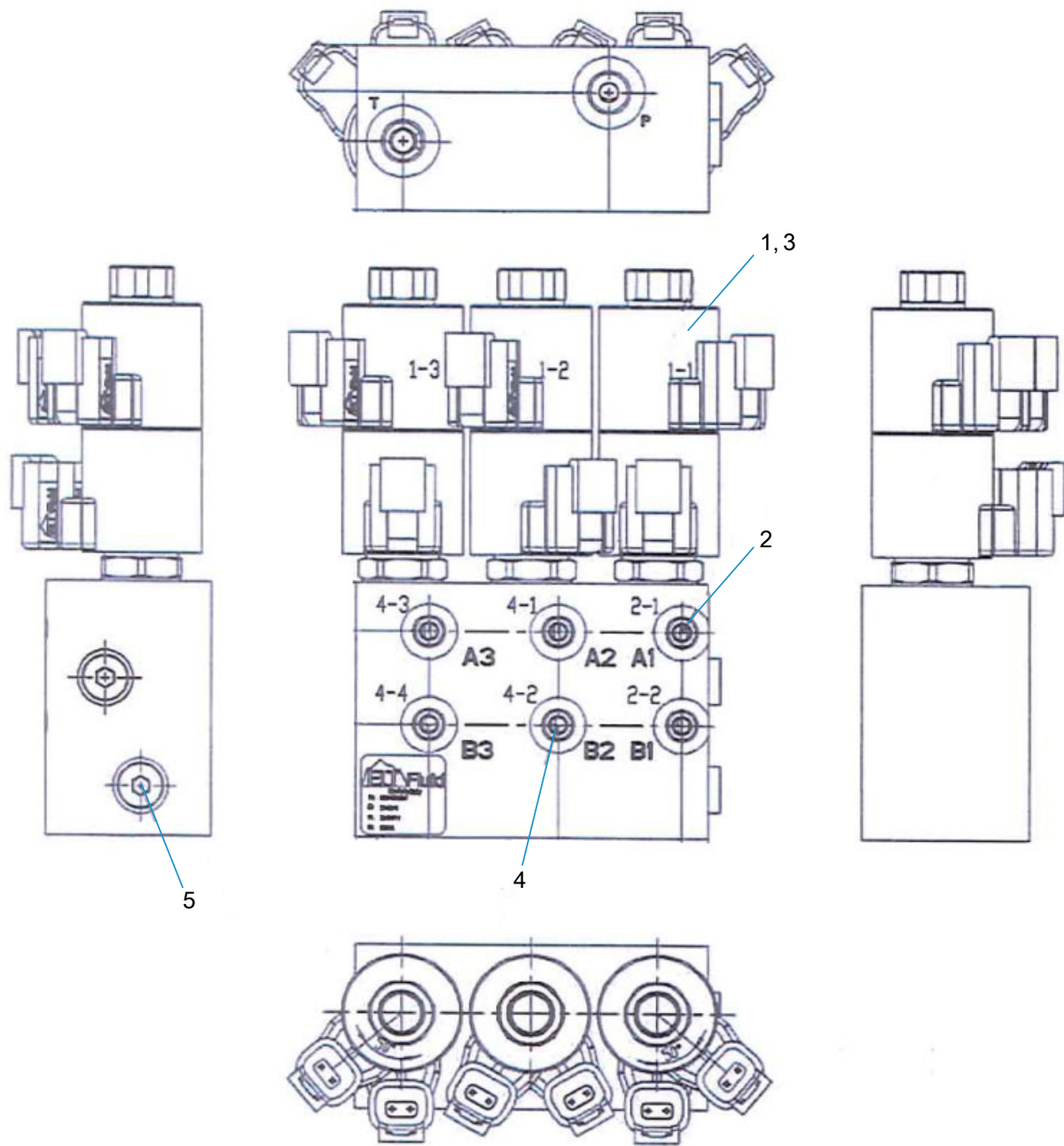
No.	Part No.	Qty.	Description
1	202040003296	1	Solenoid proportional valve
2	202130000008	1	Damper plug
3	202990003325	1	Counterbalance valve
4	202130003042	1	Damper
5	202990000037	1	Coil
6	207040003049	2	O-ring

5.16 PLATFORM CONTROL VALVE AND FITTINGS INSTALLATION



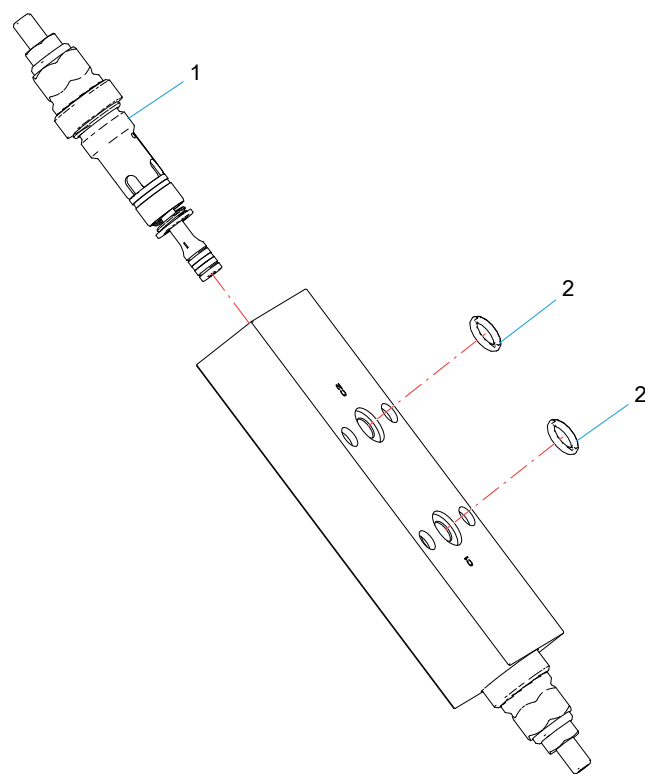
No.	Part No.	Qty.	Description
1	213010000007	2	Fitting
2	202040003367	1	Platform control manifold
3	213010000068	6	Coupler

5.17 PLATFORM CONTROL VALVE (PN.202040003367)



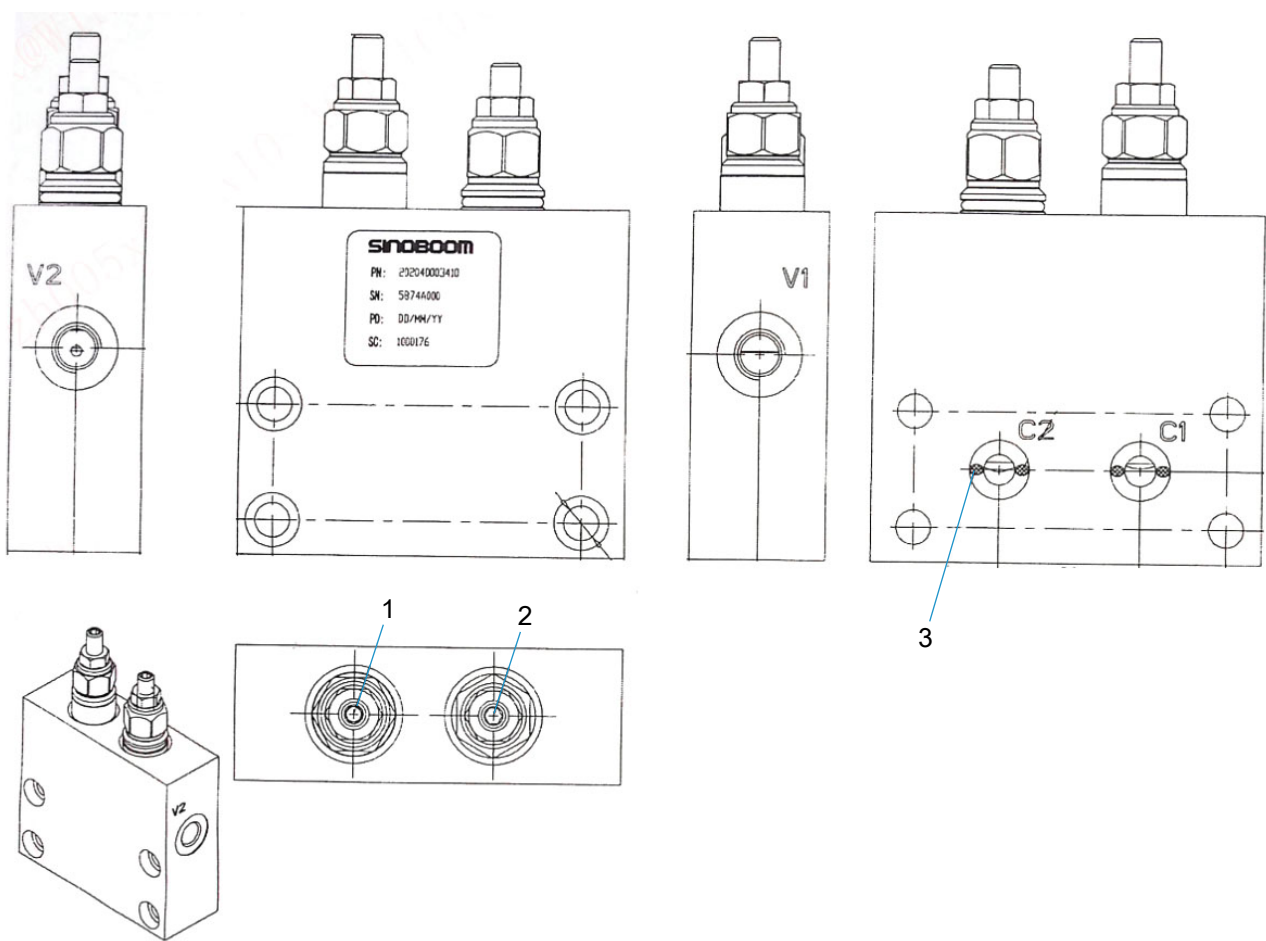
No.	Part No.	Qty.	Description
1	202040003371	3	Electric valve
2	202130000001	2	Damper
3	202990003144	6	Coil
4	202130000008	4	Damper plug
5	213060003015	2	Plug

5.18 LEVELING COUNTERBALANCE VALVE (PN.202040000011)



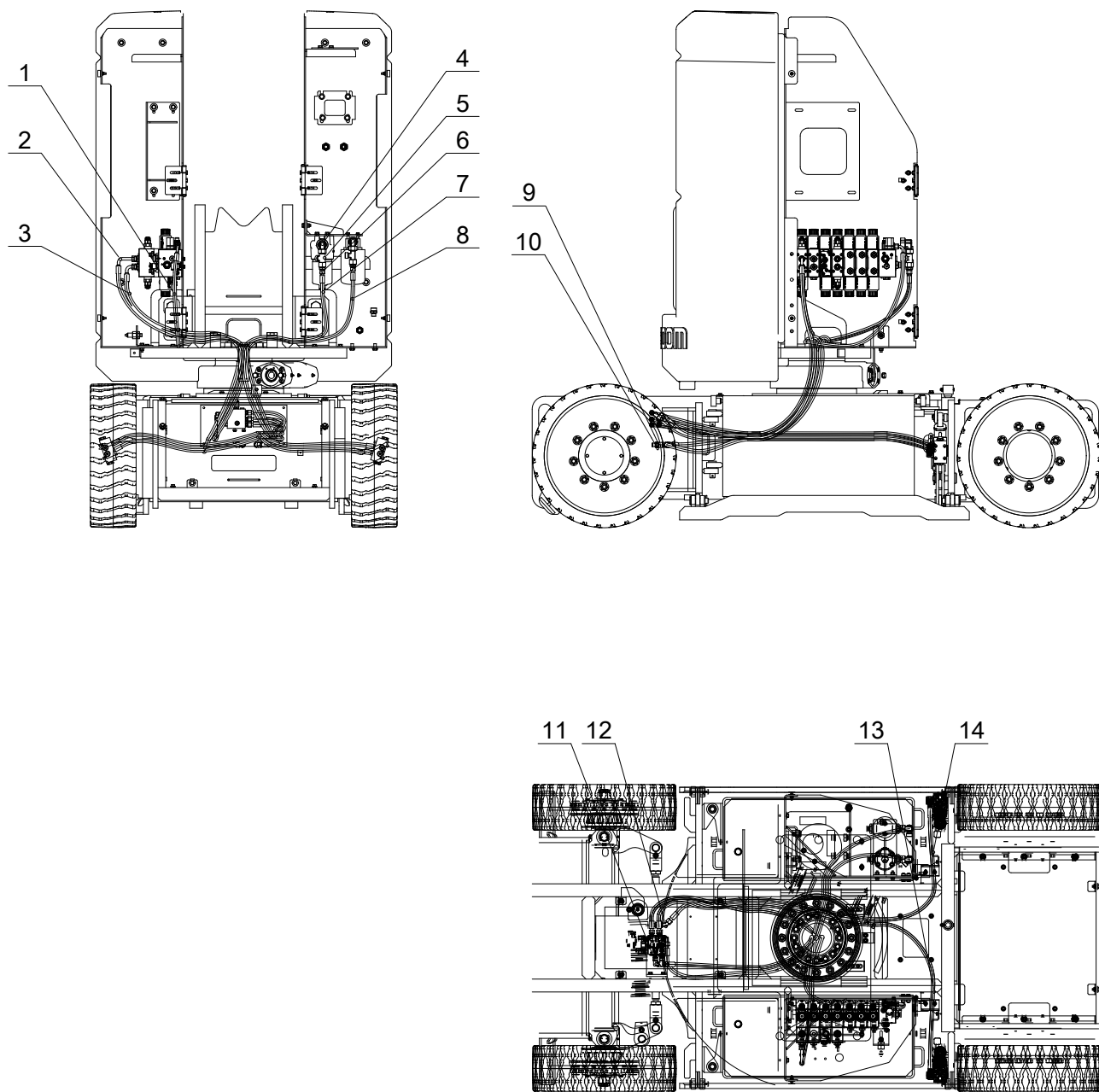
No.	Part No.	Qty.	Description
1	202990003040	2	Counterbalance valve spool
2	207040003049	2	O-ring

5.19 TELESCOPING COUNTERBALANCE VALVE (PN.202040003410)



No.	Part No.	Qty.	Description
1	202990003036	1	Counterbalance valve spool
2	202990003711	1	Counterbalance valve
3	207040003049	2	O-ring

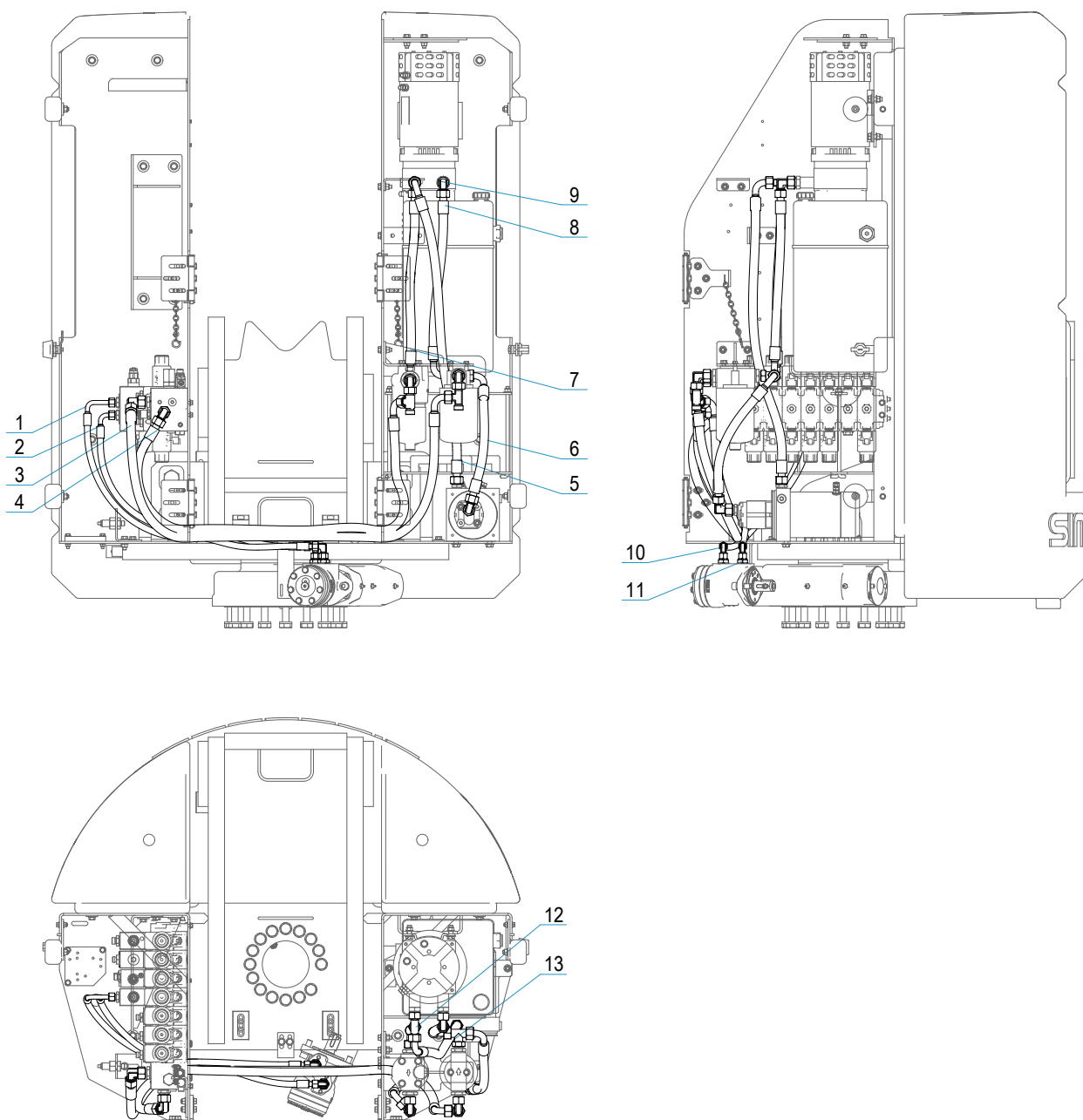
5.20 CHASSIS TUBES LAYOUT (PN.101051053058)



No.	Part No.	Qty.	Description
1	213050011645	1	Hose
2	213050011661	1	Hose

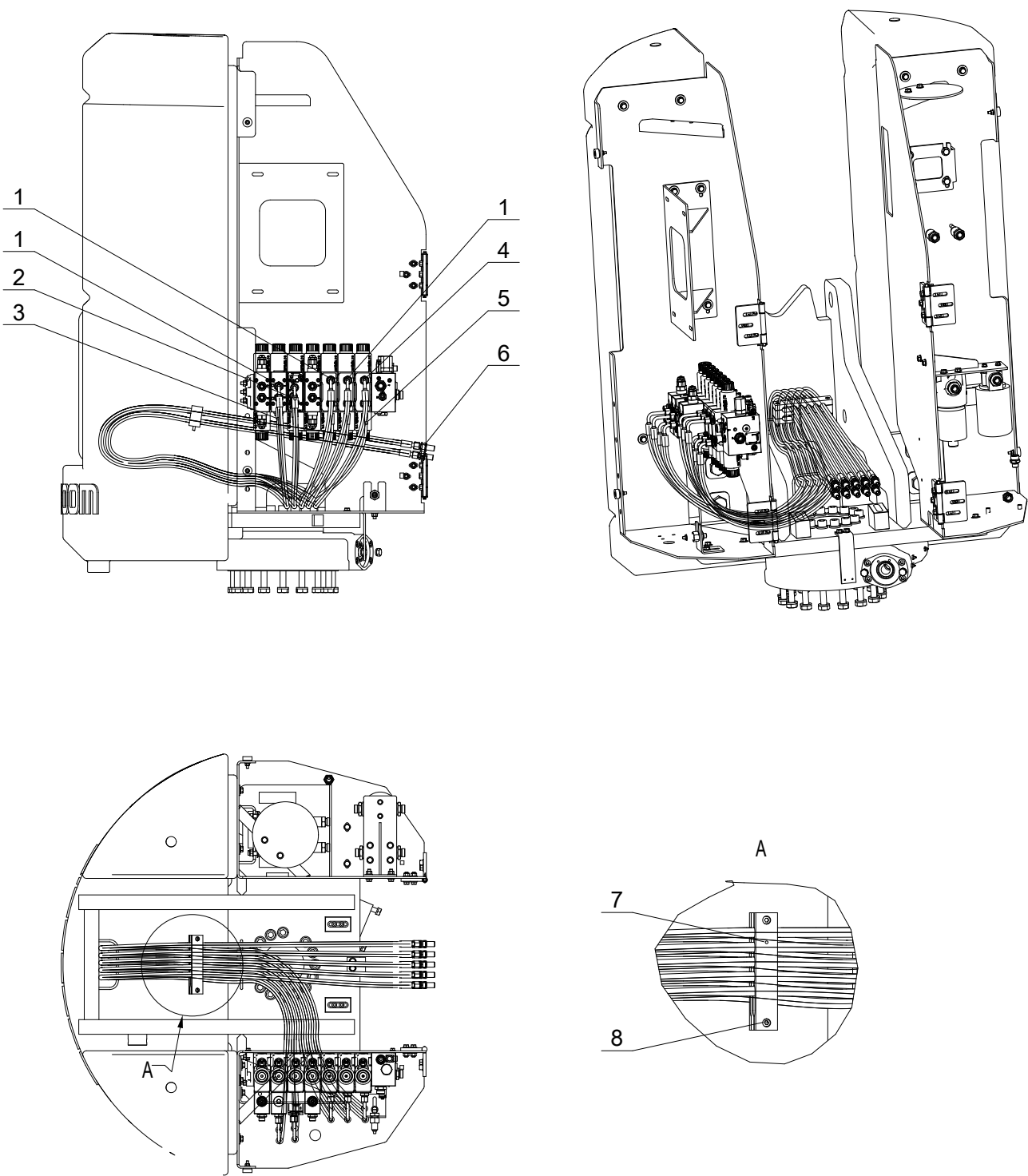
No.	Part No.	Qty.	Description
3	213050000192	1	Hose
4	213010000008	2	Coupler
5	213010000078	2	Coupler
6	213010000160	2	Coupler
7	213050003119	1	Hose
8	213050000464	1	Hose
9	213010000009	1	Coupler
10	213010000012	2	Coupler
11	213010000024	2	Coupler
12	213010000201	1	Coupler
13	213050000266	2	Hose
14	213050000443	2	Hose

5.21 TURNTABLE TUBES LAYOUT (PN.103010053203)



No.	Part No.	Qty.	Description
1	213050011670	1	Hose
2	213050000144	1	Hose
3	213050000519	1	Hose
4	213050000282	1	Hose
5	213050011669	1	Hose
6	213050000074	1	Hose
7	213050018934	1	Hose
8	213050001351	1	Hose
9	213010000008	4	Coupler
10	213010000009	2	Coupler
11	213010000125	2	Fitting
12	213010000078	1	Coupler
13	213010000241	1	Coupler

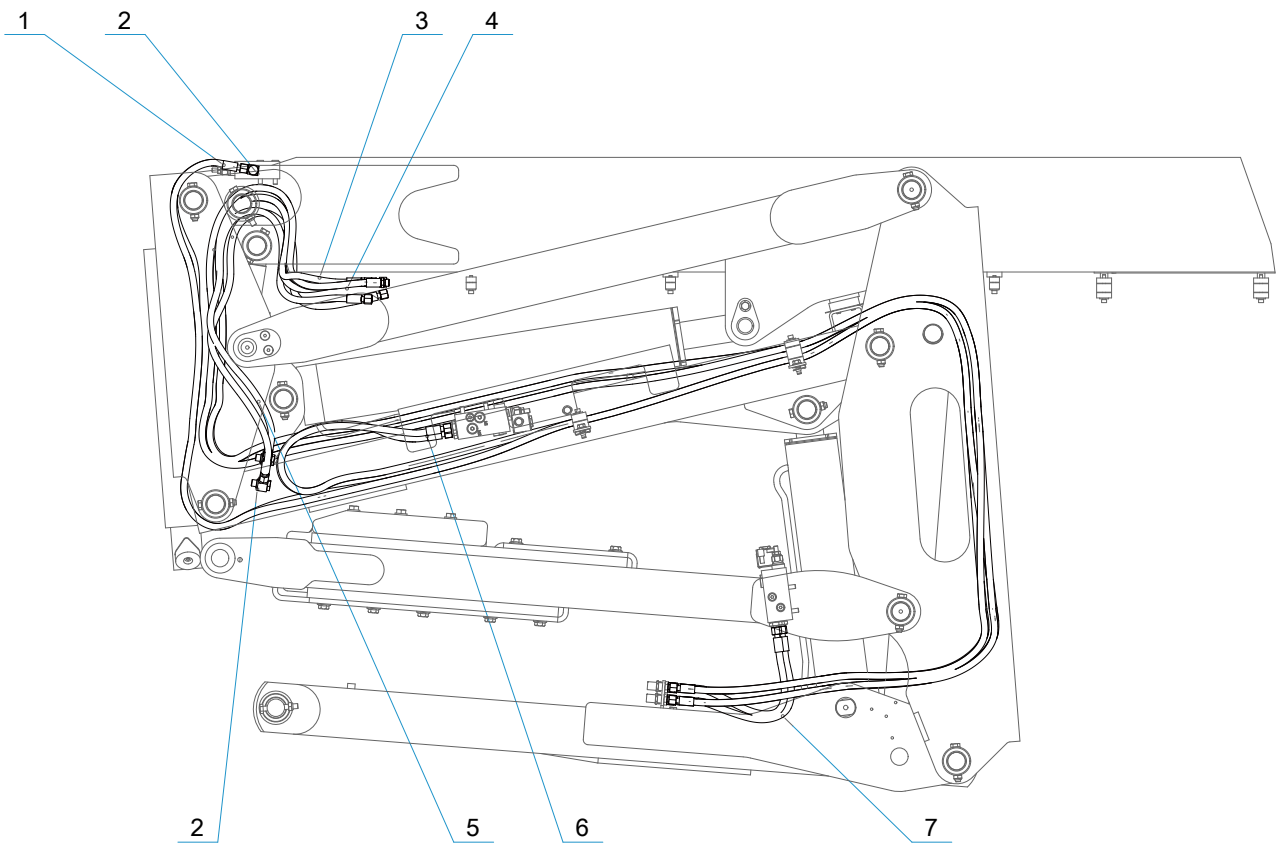
5.22 BOOM-TURNTABLE TUBES LAYOUT (PN.103010053058)



No.	Part No.	Qty.	Description
1	213050013731	3	Hose
2	213050011706	1	Hose

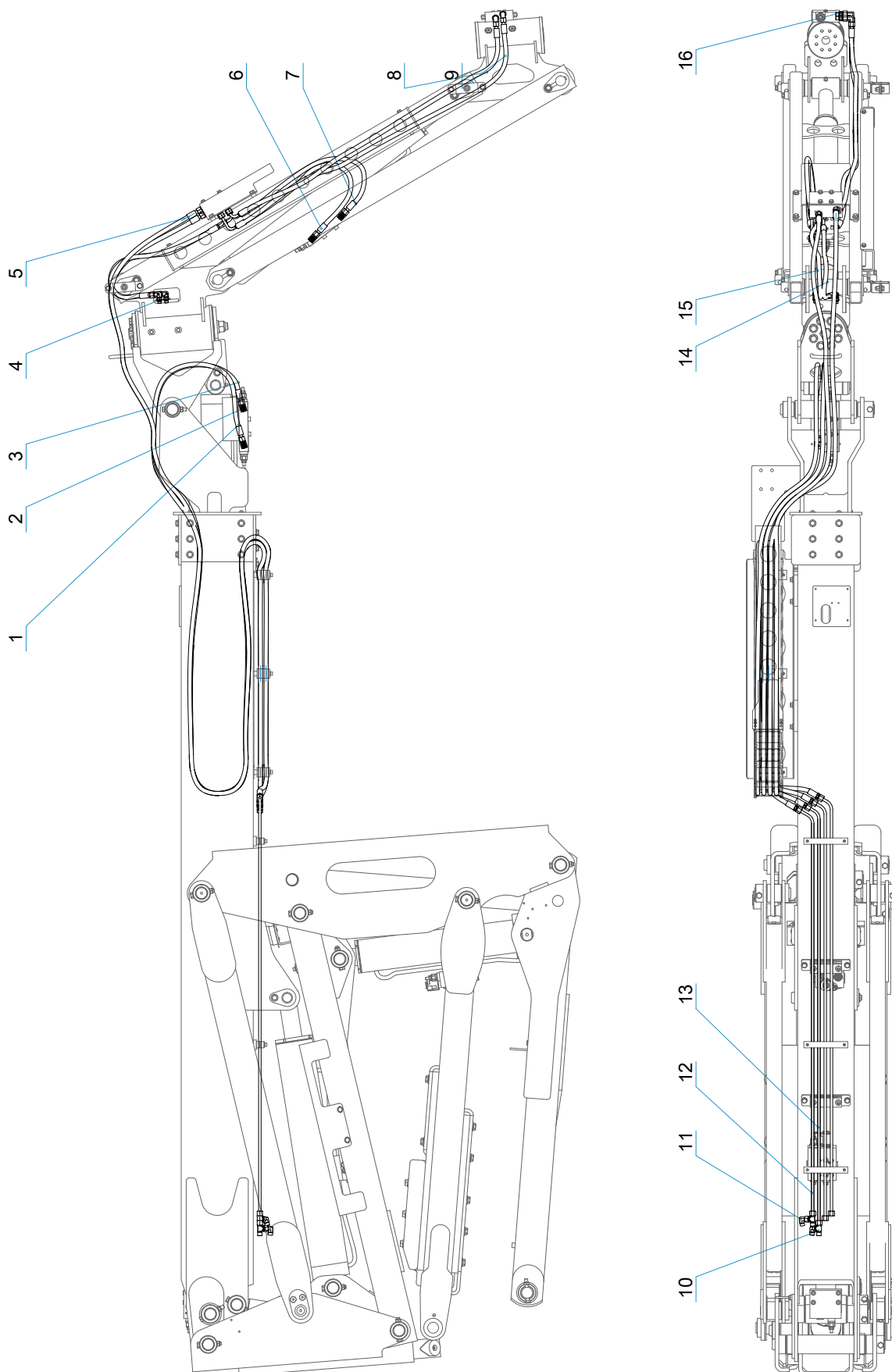
No.	Part No.	Qty.	Description
3	213050011707	4	Hose
4	213050013730	1	Hose
5	213050001584	1	Hose
6	213010000139	10	Coupler
7	103010053032	1	Clamp
8	215020000020	2	Screw M6×60-A2-70 GB/T 70.1

5.23 TOWER BOOM TUBES LAYOUT (PN.PN.103010053132)



No.	Part No.	Qty.	Description
1	213050012277	2	Hose
2	213010000146	4	Coupler
3	213050012799	2	Hose
4	213050013892	2	Hose
5	213050008764	2	Hose
6	213050008847	2	Hose
7	213050003135	2	Hose

5.24 BASE BOOM TUBES LAYOUT (PN.103010053144)

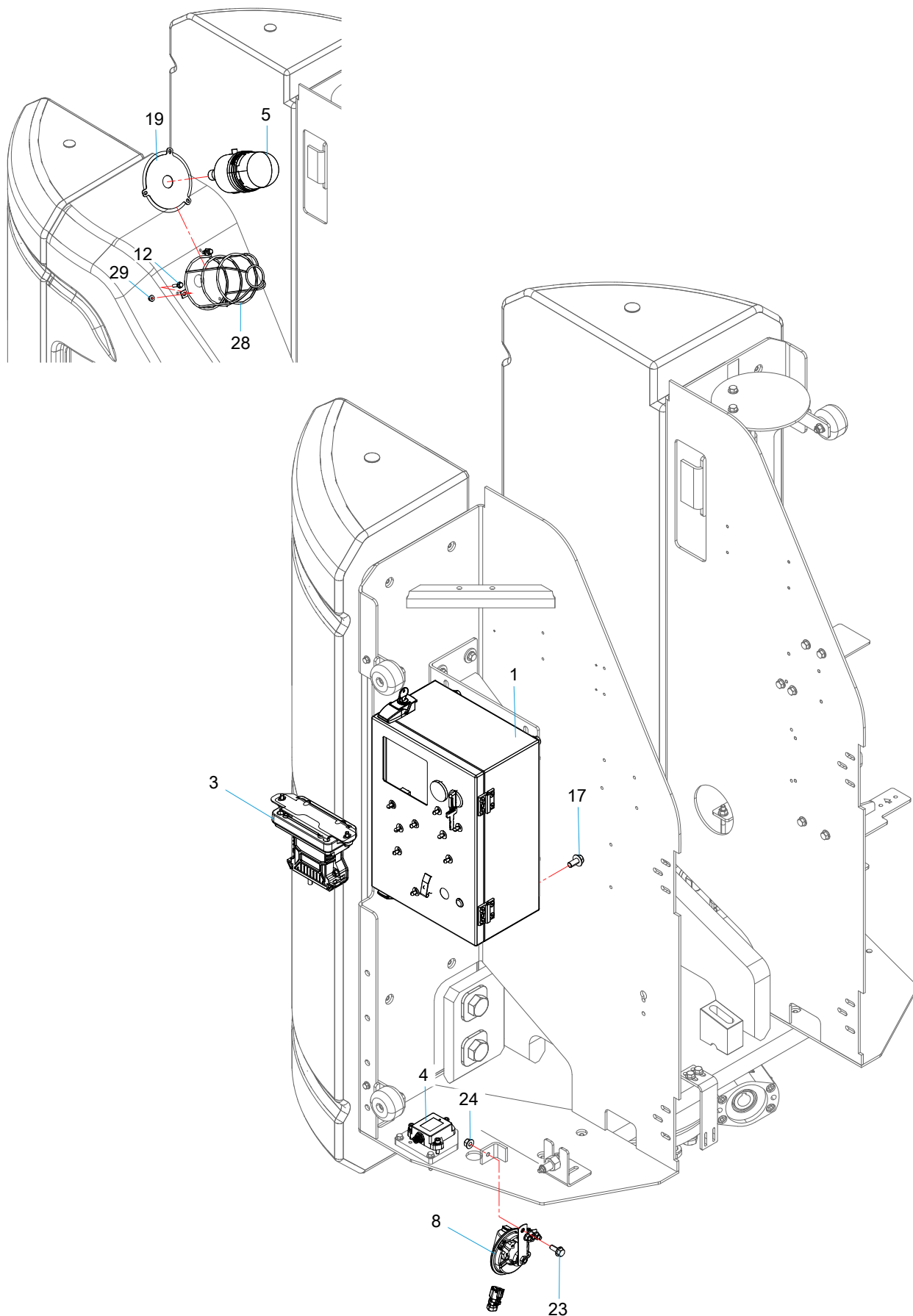


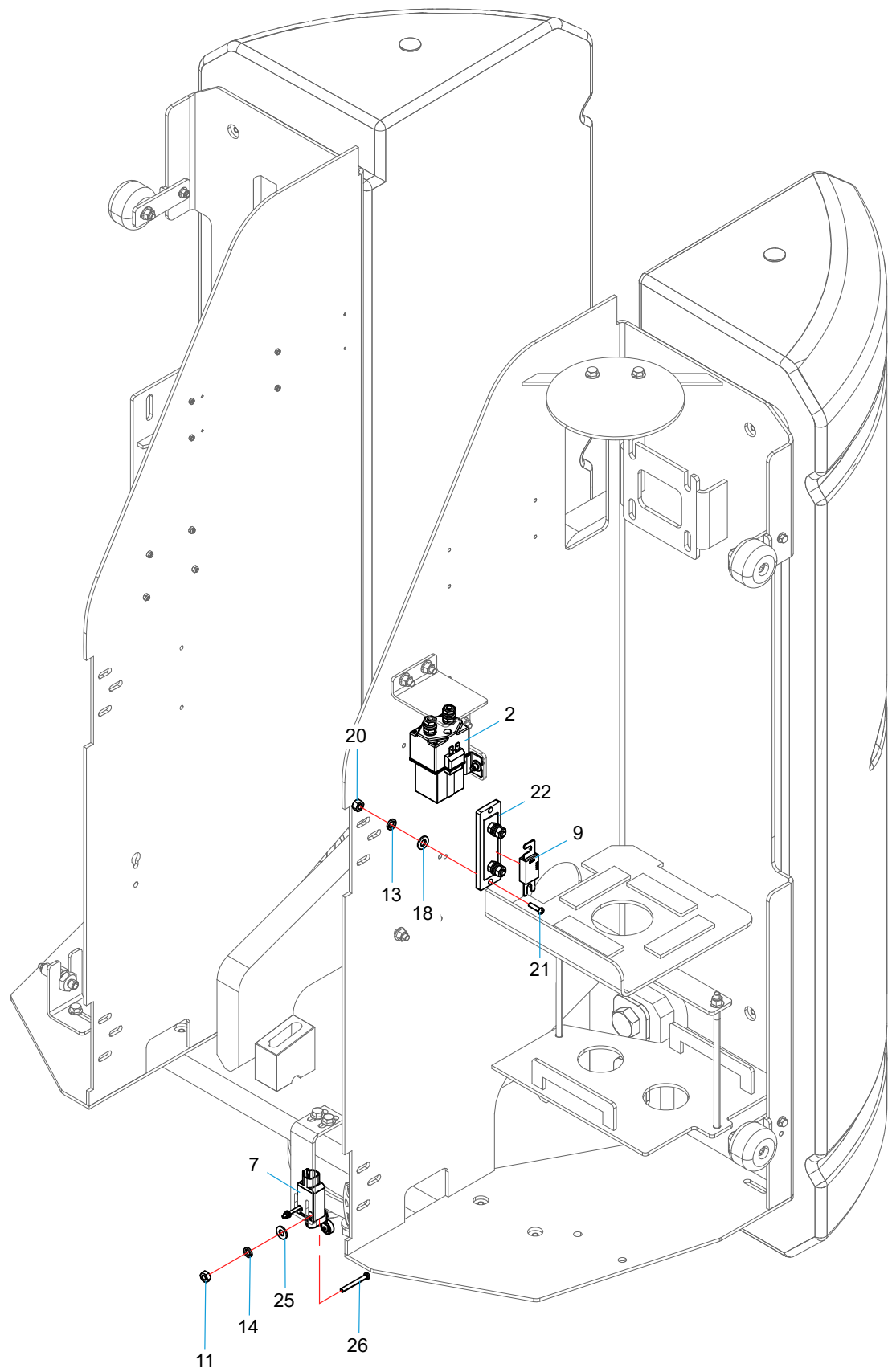
No.	Part No.	Qty.	Description
1	213050015915	1	Hose
2	213010003029	4	Coupler
3	213050015914	1	Hose
4	213010003241	2	Coupler
5	213050013892	2	Hose
6	213050012477	1	Hose
7	213050008478	1	Hose
8	213050008755	1	Hose
9	213050012419	1	Hose
10	213010000035	2	Coupler
11	213010000024	4	Coupler
12	103010053151	1	Steel tube assembly
13	103010053152	3	Steel tube assembly
14	213050003241	1	Hose
15	213050003949	1	Hose
16	213010000013	2	Coupler

6 ELECTRICAL SYSTEM

6.1 TURNTABLE ELECTRICAL SYSTEM

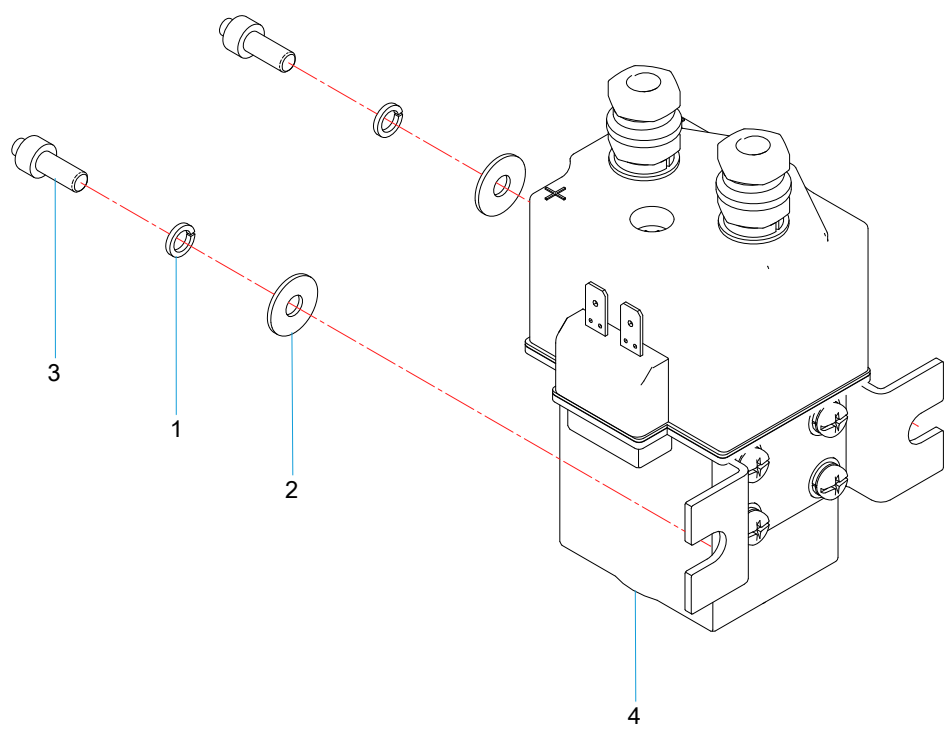
6.1.1 TURNTABLE ELECTRICAL COMPONENTS INSTALLATION





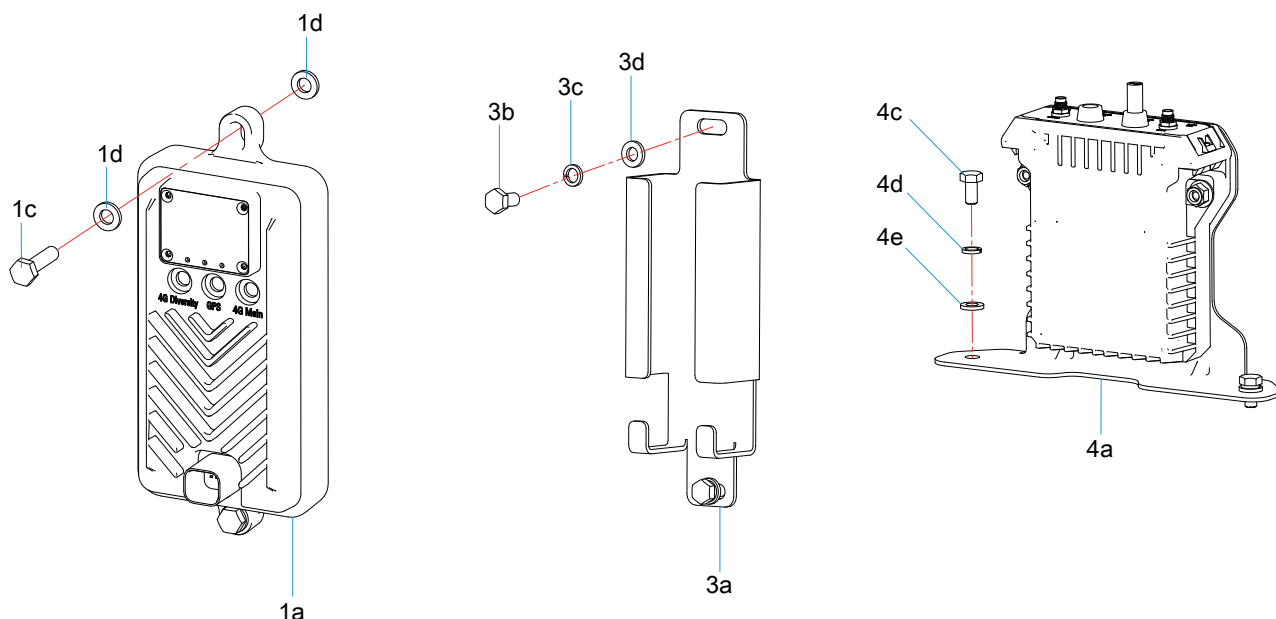
No.	Part No.	Qty.	Description
1	103010063079		OPT, control box ASSY (turntable)
1-1	103010063060	1	Turntable control box assembly
1-2	103010063135	1	Control box ASSY, turntable (Chile logo)
2	114015063047	1	Contactor installation
3	103006063020	1	Options, GPS installation
4	103010063084	1	OPT, sensor (level)
5	114012063080		Caution light option
5-1	203050003017	1	Caution light(Fixed sound volume)
5-2	203050003057	1	Caution light(Adjustable sound volume)
6	203100003163	1	Starting battery
7	203060000146	1	Switch, travel (Schneider)
8	114012063086	1	Horn option
9	114015063049		Fuse option
9-1	203070003000	1	Fuse(CE, 200A)
9-2	203070003054	1	Fuse(UL, 200A)
10	103010063102	1	Harness, turntable(Not shown)
11	215030000002	2	Nut M4-8-A2-70 GB/T 6170
12	215010000232	3	Bolt M6×25-8.8-ZnD GB/T 5789
13	215040000003	2	Washer 5-A2-70 GB/T 93
14	215040000002	2	Washer 4-A2-70 GB/T 93
15	203080000250	1	Connector, battery (positive and negative in pairs)(Not shown)
16	203100000051	1	Sheath, flexible (L, black)(Not shown)
17	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
18	215040000032	2	Washer 5-A2 GB/T 97.1
19	103010023101	1	Plate
20	215030000003	2	Nut M5-A2-70 GB/T 6170
21	215020000112	2	Screw M5×20-A2-70 GB/T 818
22	203070000056	1	Fuse holder
23	215010000234	1	Bolt M8×20-8.8-ZnD GB/T 5789
24	215030000108	1	Nut M8-8-ZnD GB/T 6183.1
25	215040000031	2	Washer 4-A2 GB/T 97.1
26	215020000212	2	Screw M4×35-A2-70 GB/T 818
27	203100000053	1	Sheath, flexible (L, red)(Not shown)
28	105021060024	1	Guard, light (warning)
29	215030000107	3	Nut M6-8-ZnD GB/T 6183.1

6.1.2 CONTACTOR INSTALLATION



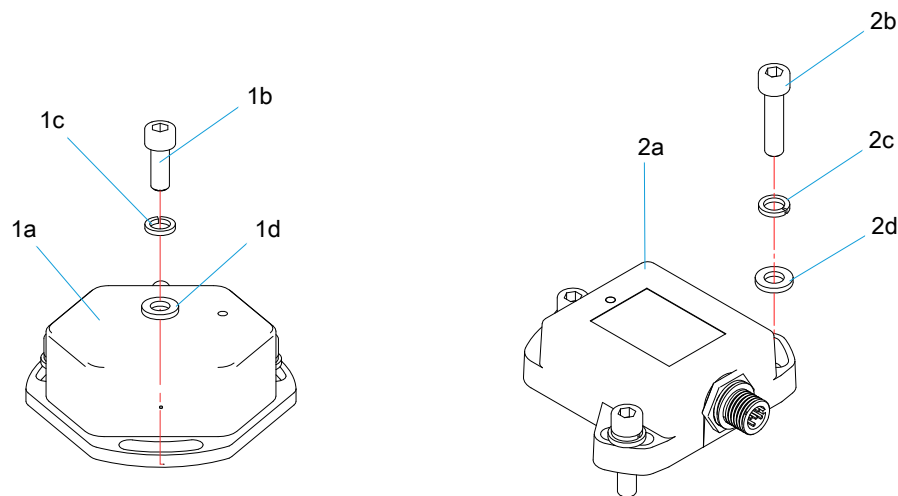
No.	Part No.	Qty.	Description
1	215040000003	2	Washer 5-A2-70 GB/T 93
2	215040000132	2	Washer 5-200HV-A2 GT/B 96.1
3	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
4	203040003002	1	Contactor

6.1.3 GPS INSTALLATION OF TIOJS



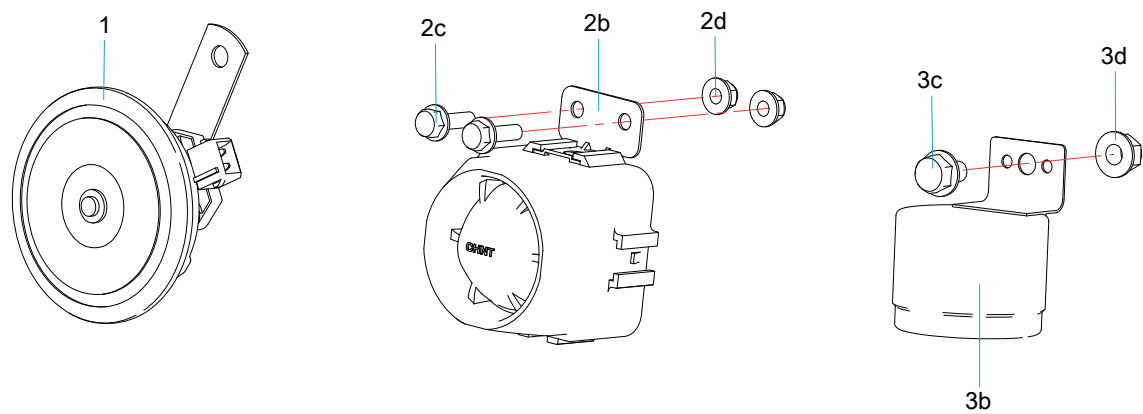
No.	Part No.	Qty.	Description
1	103006063019		GPS installation(SC : 1000577)
1a	203150003021	1	GPS module
1b	203150003022	1	GPS/LTE antenna(Not shown)
1c	215010003054	2	Nylon Bolt M6×25-4.8-PA66
1d	215040003034	4	Nylon Washer 6-PA66
2	105055063004		GPS installation(For Hornet GPS)
2a	105055063003	1	Cable, adapter (Huatie)
2b	203990003077	1	Hornet T-BOX
3	103010063095		INST, GPS (Trackunit)
3a	105071020002	1	Plate
3b	215010000049	2	Bolt M6×12-A2-70 GB/T 5783
3c	215040000004	2	Washer 6-A2-70 GB/T 93
3d	215040000033	2	Washer 6-A2 GB/T 97.1
4	104032060055		INST, GPS(SC:1001036)
4a	203990003066	1	GPS module (4G)
4b	203990003067	1	GPS/LTE antenna(Not shown)
4c	215010000049	2	Bolt M6×12-A2-70 GB/T 5783
4d	215040000004	2	Washer 6-A2-70 GB/T 93
4e	215040000033	2	Washer 6-A2 GB/T 97.1

6.1.4 LEVEL SENSOR OPTIONS



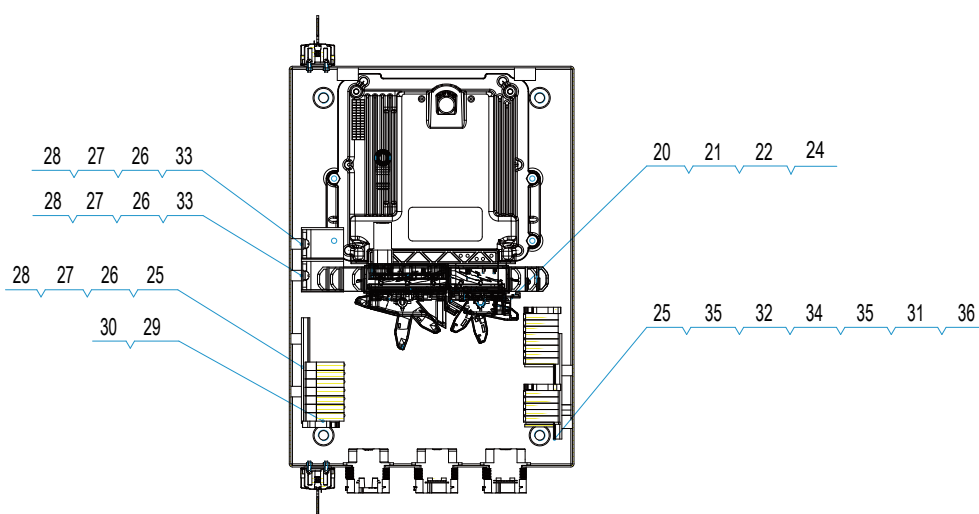
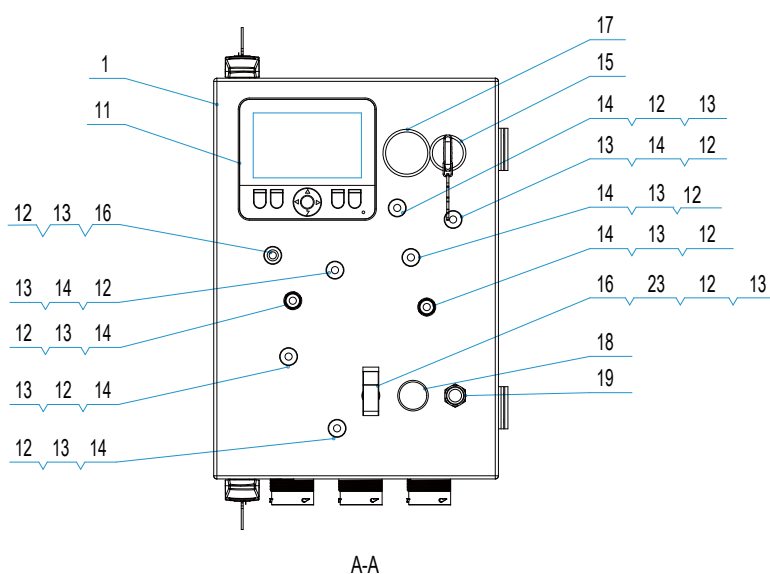
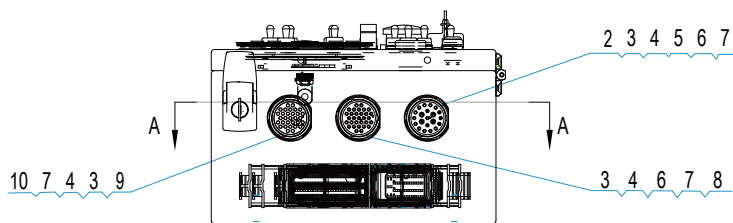
No.	Part No.	Qty.	Description
1	114015063095		INST, sensor (level)
1a	203990003045	1	Angle sensor
1b	215020000011	3	Screw M6×16-A2-70 GB/T 70.1
1c	215040000004	3	Washer 6-A2-70 GB/T 93
1d	215040000033	3	Washer 6-A2 GB/T 97.1
2	114015063104		INST, sensor (level)
2a	203150003084	1	Angle sensor
2b	215020000013	3	Screw M6×25-A2-70 GB/T 70.1
2c	215040000004	3	Washer 6-A2-70 GB/T 93
2d	215040000033	3	Washer 6-A2 GB/T 97.1

6.1.5 HORN OPTION



No.	Part No.	Qty.	Description
1	203050000034	1	Horn(Standard configuration)
2	114006063072		White noise horn installation(Australian specs)
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
3	103009063115		INST, buzzer(Thailand specs)
3a	104019063067	1	Cable, adapter (warning light)(Not shown)
3b	203050000002	1	Reverse buzzer
3c	215010000233	1	Bolt M8×12-8.8-ZnD GB/T 5789
3d	215030000108	1	Nut M8-8-ZnD GB/T 6183.1

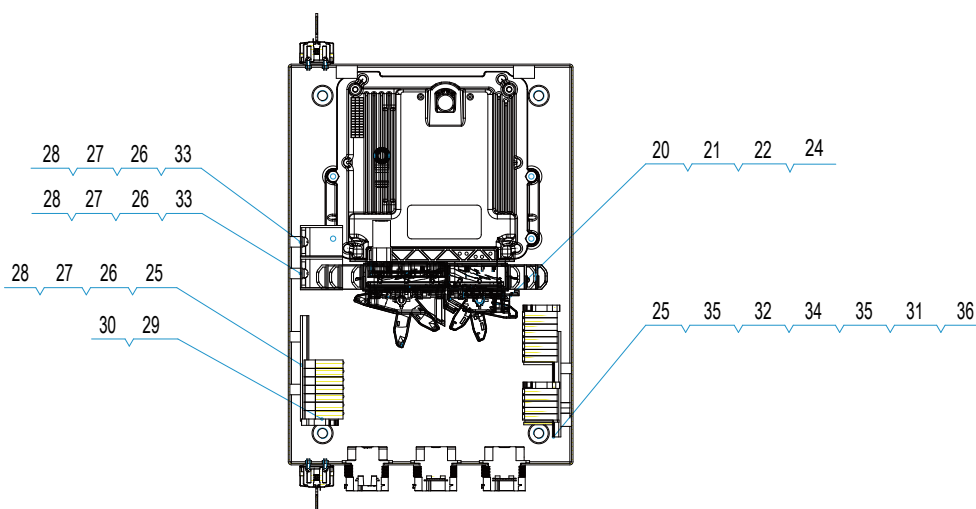
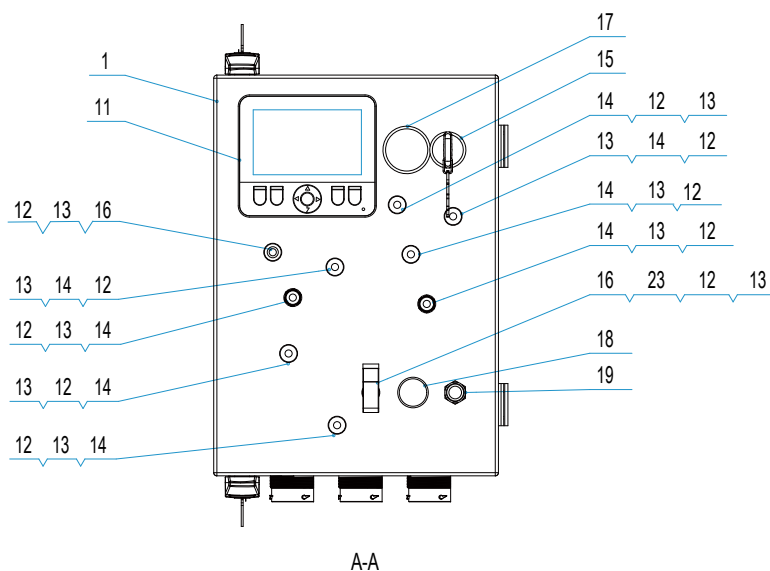
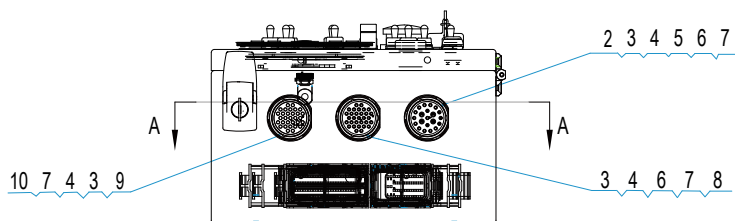
6.1.6 GROUND CONTROLLER ASSEMBLY (PN.103010063060)



No.	Part No.	Qty.	Description
1	103010063061	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	29	Male connector
7	203080000068	31	Blind plug
8	203080000523	1	31-pin male connector sheath
9	203080000516	1	31-pin female connector sheath
10	203080000041	19	Female connector
11	203200000008	1	Screen, display
12	203080000109	9	Nut
13	203080000101	10	Waterproof cap
14	203060000003	8	Toggle switch
15	203060000066	1	Key switch
16	203060000021	2	Toggle switch
17	203060000142	1	Switch, emergency stop
18	203050003021	1	Buzzer
19	203060000020	1	Button
20	203020000038	1	Controller
21	215010003054	4	Nylon Bolt M6×25-4.8-PA66
22	215040003034	4	Nylon Washer 6-PA66
23	203060000150	1	Toggle switch guard
24	203080000378	1	Connector, controller
25	203990000001	2	Guide rail
26	215040000032	6	Washer 5-A2 GB/T 97.1
27	215040000003	6	Washer 5-A2-70 GB/T 93
28	215020000110	6	Screw M5×12-A2-70 GB/T 818
29	203080003057	7	Fuse terminal
30	203080003060	5	Jumper
31	203080003059	1	End plate
32	203080003052	2	End plate
33	203040000003	2	Relay
34	203080003053	3	Terminal block
35	203080003051	13	Common terminal
36	203080003058	4	Jumper
37	103010063022	1	Wiring DIAG, control box (turntable)(Not shown)

No.	Part No.	Qty.	Description
38	103010063069	1	Surface film, control box (turntable)(Not shown)
39	103010063070	1	PC film, control box (turntable)(Not shown)

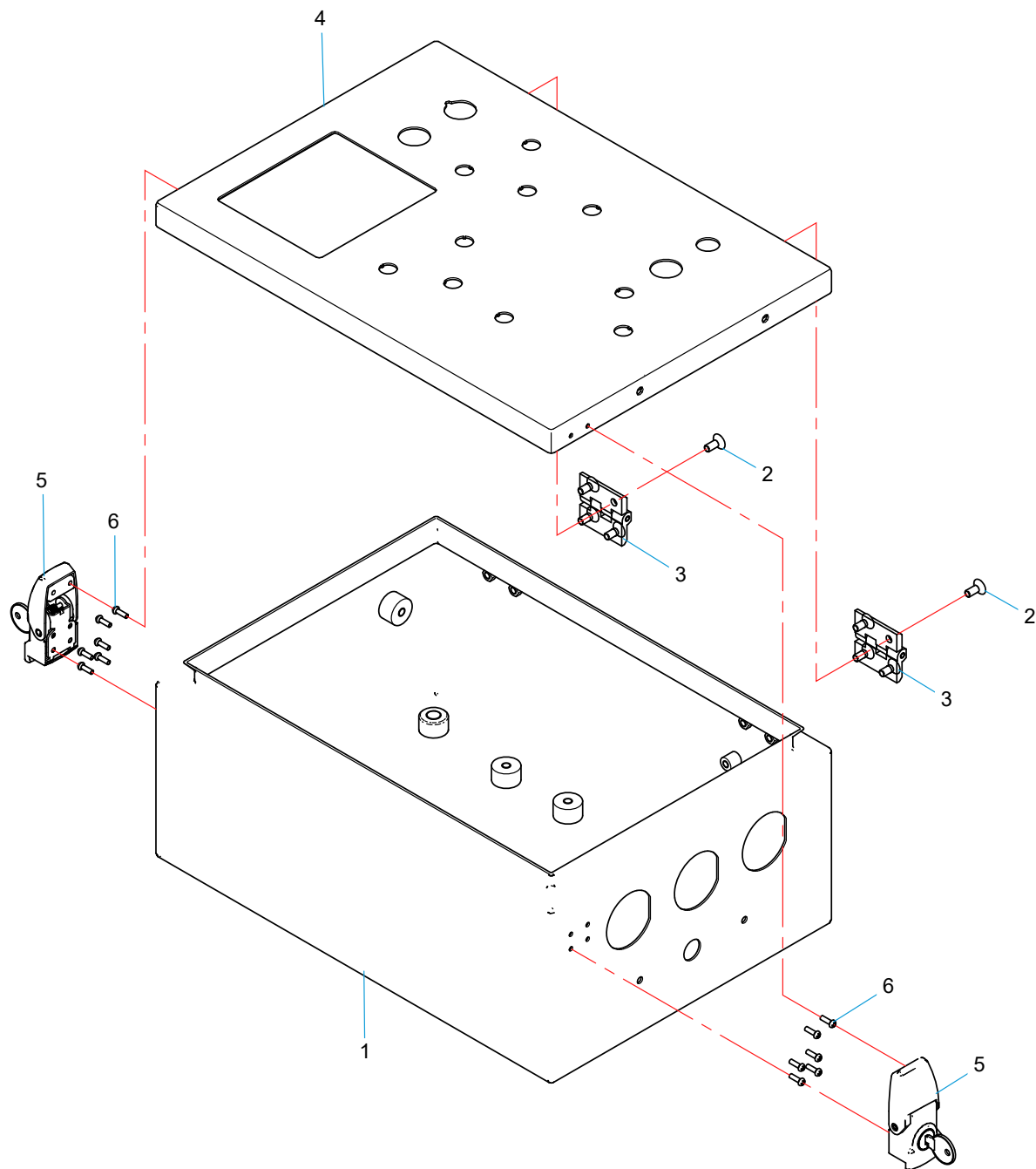
6.1.7 TURNTABLE CONTROLLER ASSEMBLY (PN.103010063135, CHILE LOGO)



No.	Part No.	Qty.	Description
1	103010063061	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	29	Male connector
7	203080000068	31	Blind plug
8	203080000523	1	31-pin male connector sheath
9	203080000516	1	31-pin female connector sheath
10	203080000041	19	Female connector
11	203200000008	1	Screen, display
12	203080000109	9	Nut
13	203080000101	10	Waterproof cap
14	203060000003	8	Toggle switch
15	203060000066	1	Key switch
16	203060000021	2	Toggle switch
17	203060000142	1	Switch, emergency stop
18	203050003021	1	Buzzer
19	203060000020	1	Button
20	203020000038	1	Controller
21	215010003054	4	Nylon Bolt M6×25-4.8-PA66
22	215040003034	4	Nylon Washer 6-PA66
23	203060000150	1	Toggle switch guard
24	203080000378	1	Connector, controller
25	203990000001	2	Guide rail
26	215040000032	6	Washer 5-A2 GB/T 97.1
27	215040000003	6	Washer 5-A2-70 GB/T 93
28	215020000110	6	Screw M5×12-A2-70 GB/T 818
29	203080003057	7	Fuse terminal
30	203080003060	5	Jumper
31	203080003059	1	End plate
32	203080003052	2	End plate
33	203040000003	2	Relay
34	203080003053	3	Terminal block
35	203080003051	13	Common terminal
36	203080003058	4	Jumper
37	103010063022	1	Wiring DIAG, control box (turntable)(Not shown)

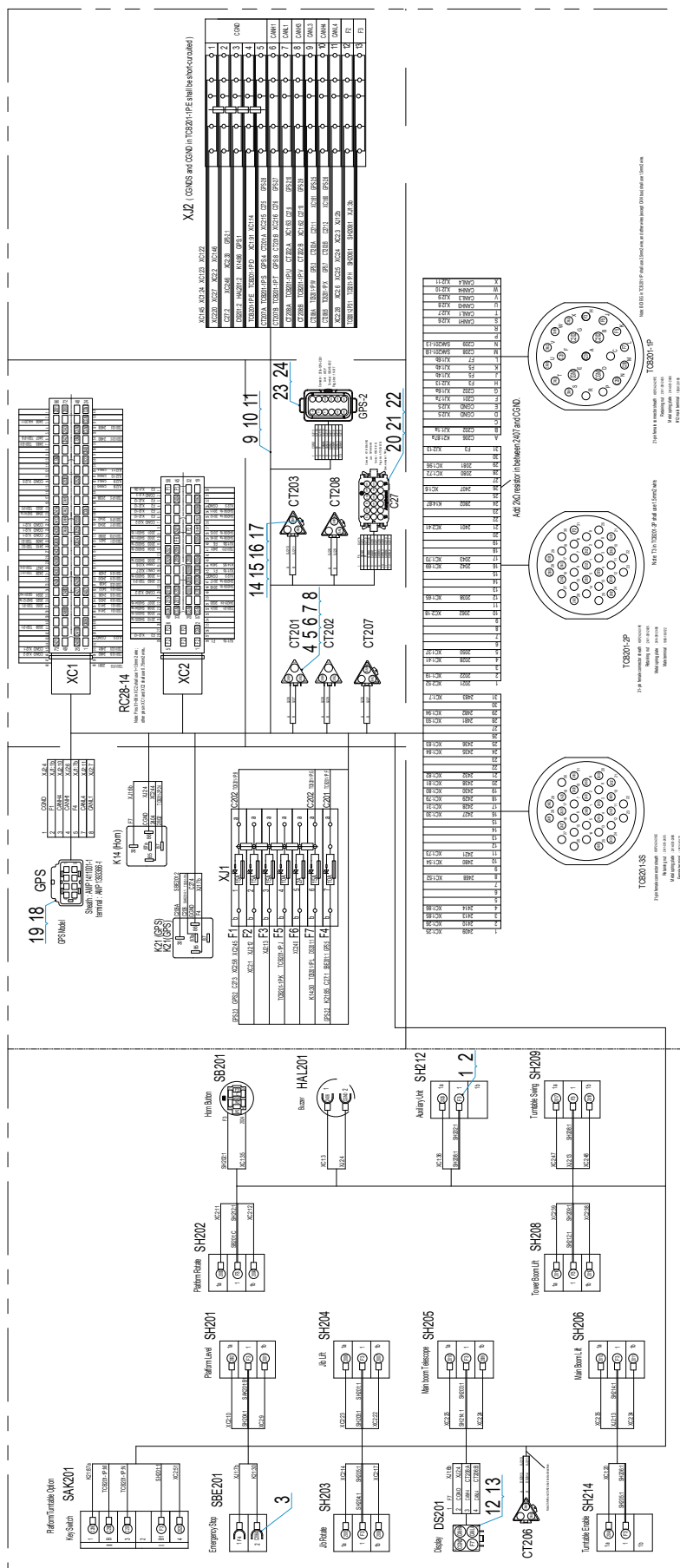
No.	Part No.	Qty.	Description
38	103010063133	1	Surface film, control box (turntable, Chile logo)(Not shown)
39	103010063070	1	PC film, control box (turntable)(Not shown)

6.1.8 TURNTABLE CONTROLLER (PN.103010063061)

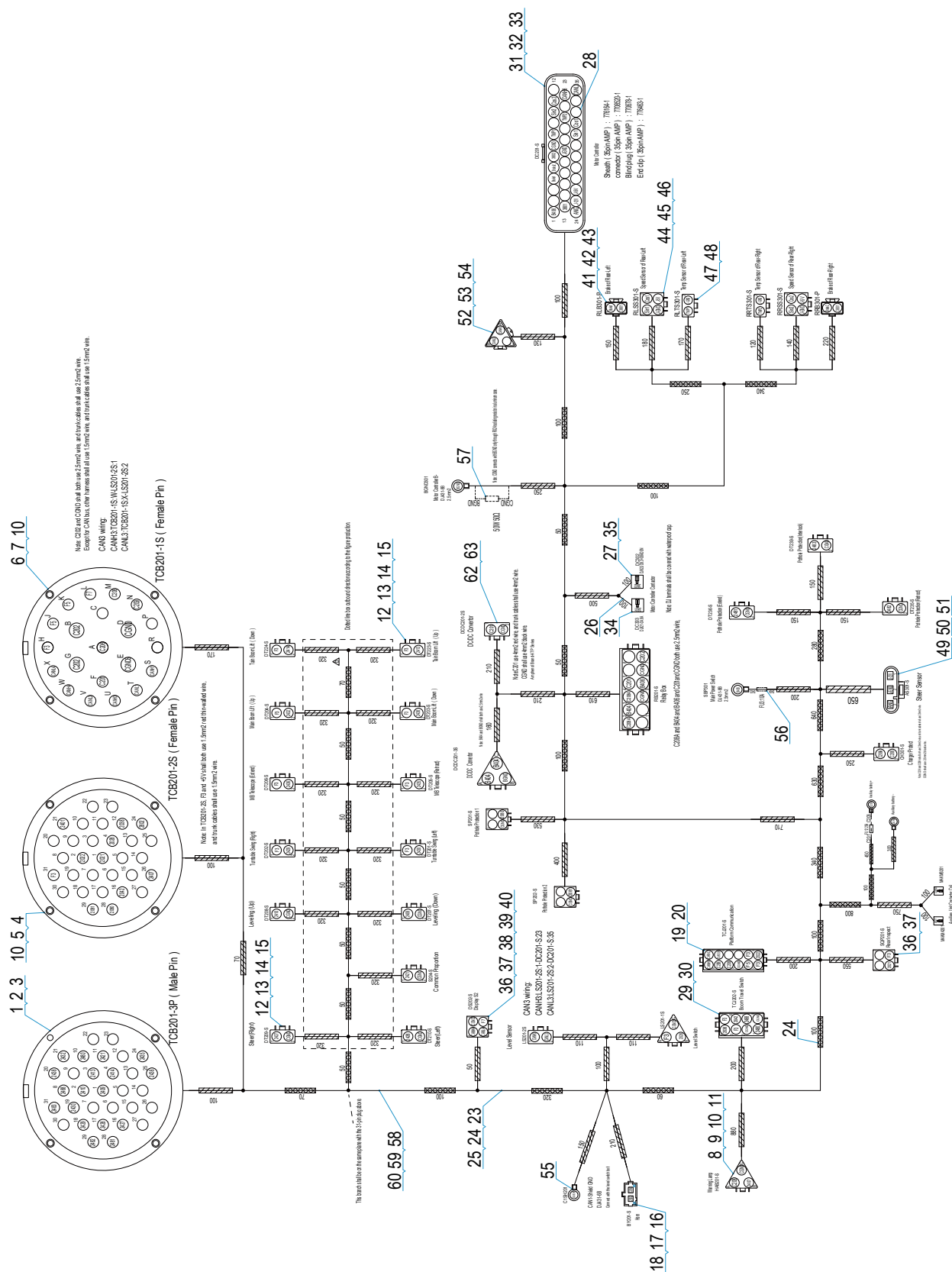


No.	Part No.	Qty.	Description
1	103010063062	1	ASSY, base (control box, turntable)
2	215020000261	8	Screw M5×12-8.8 GB/T 70.3
3	203090003005	2	Hinge
4	103010063064	1	ASSY, panel (control box, turntable)
5	203090003006	2	Latch
6	215020000100	12	Screw M3×10-A2-70 GB/T 818

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No.	Part No.	Qty.	Description
	103010063022	1	Wiring DIAG, control box (turntable)
1	203080003514	33	Terminal, FOT
2	203080000022	1	Heat shrink tube
3	203080000036	4	Cold-pressed terminal
4	203080000404	2	Sheath
5	203080000032	2	Lock
6	203080000041	12	Female connector
7	203080000068	8	Blind plug
8	203080000473	2	Waterproof cover
9	203080000562	5	Thin-wall wire
10	203080000563	7	Thin-wall wire
11	203080000564	15	Thin-wall wire
12	203080000044	2	Sheath
13	203080000020	2	Lock
14	203080000405	4	Sheath
15	203080004379	4	Lock
16	203080000033	17	Male connector
17	203080000086	1	Connector
18	203080003216	1	Sheath
19	203080003218	7	AMP terminal
20	203080004383	1	Connector
21	203080004385	10	Terminal
22	203080004386	8	Plug, blind
23	203080000403	1	Sheath
24	203080000157	1	Lock

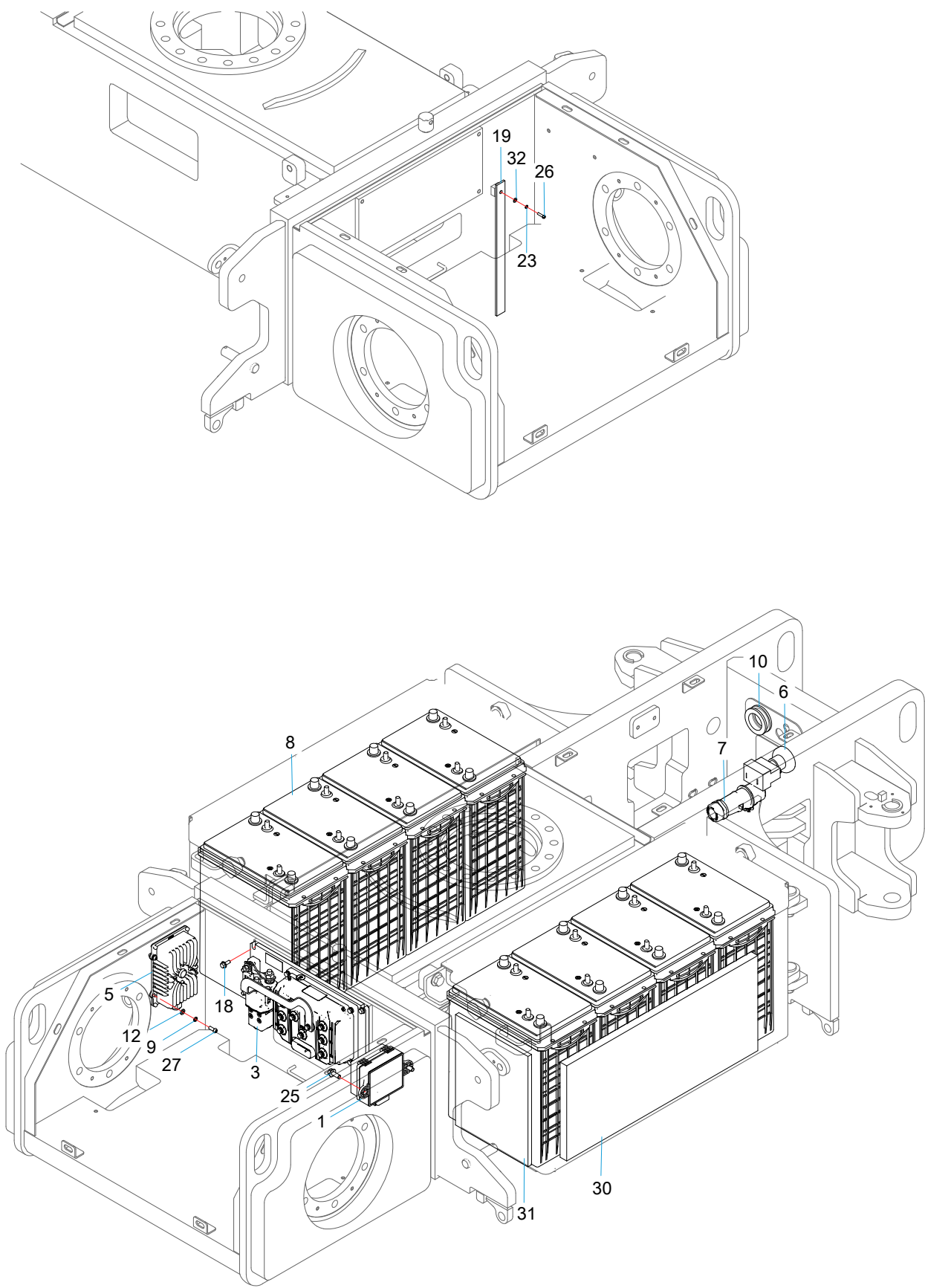


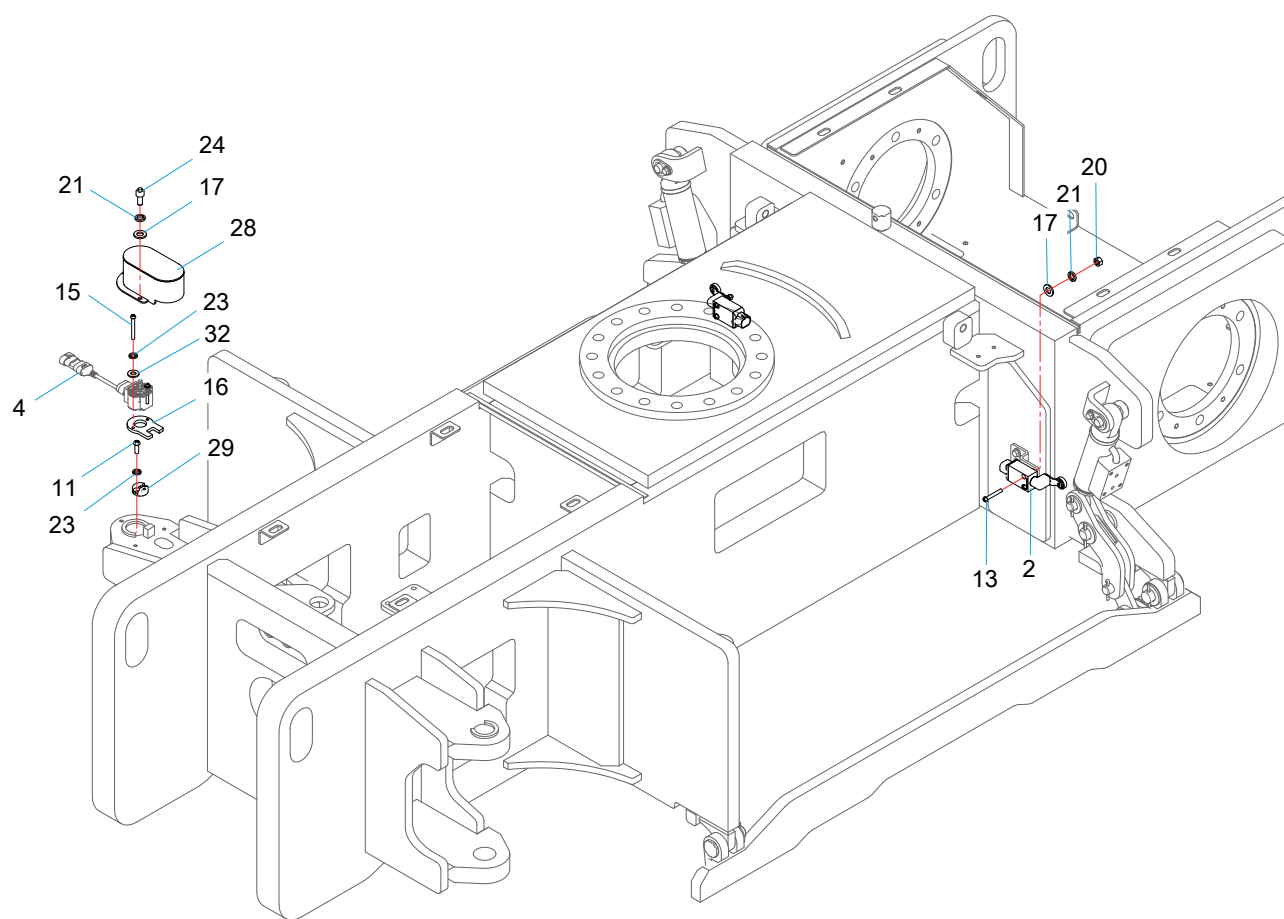
No.	Part No.	Qty.	Description
	103010063102	1	Harness, turntable
1	203080000515	1	31-pin male sheath
2	203060000096	3	180 deg. end clip
3	203080000033	37	Male connector
4	203080000520	1	31-pin female terminal sheath
5	203080000068	1	Blind plug
6	203080000517	1	21-pin female terminal sheath
7	203060000097	9	#12 female terminal
8	203080000404	3	Sheath
9	203080000032	3	Lock
10	203080000041	103	Female connector
11	203080000508	3	End clip
12	203080000410	19	Sheath
13	203080000016	19	Lock
14	203080000437	19	End attachments, 2-pin, female
15	203080000448	19	Rubber part
16	203080000427	1	Sheath
17	203080000428	2	Female pin
18	203080000429	1	Waterproof cap
19	203080000414	2	Sheath
20	203080000159	2	Lock
21	203080000424	10	Nylon hose, closed-end
22	203080000422	8	Nylon hose, closed-end
23	203080000037	4	Corrugated pipe
24	203080000419	1	Nylon hose, closed-end
25	203080000417	1	Nylon hose, closed-end
26	203080000030	3	Heat shrink tube
27	203080000130	4	Terminal
28	203080003215	1	End clip
29	203080000406	1	Sheath
30	203080000112	1	Lock
31	203080003017	1	Sheath
32	203080003021	17	Terminal
33	203080000295	18	Plastic Stopper
34	203080000190	1	Terminal
35	203080000129	1	Jacket, flexible
36	203080000044	4	Sheath
37	203080000020	4	Lock

No.	Part No.	Qty.	Description
38	203080000445	3	End attachments, 4-pin, female
39	203080000446	3	Rubber part
40	203080000492	1	Waterproof cover
41	203080003019	2	Sheath
42	203080003024	2	Lock
43	203060000086	4	#20 male terminal
44	203080003020	2	Sheath
45	203060000085	12	#20 female terminal
46	203080003022	2	Lock
47	203080003018	2	Sheath
48	203080003023	2	Lock
49	203080000298	3	Terminal
50	203080000314	1	Lock
51	203080000315	1	Sheath
52	203080000405	1	Sheath
53	203080000046	1	Lock
54	203080000086	1	Connector
55	203080000133	1	Terminal, blade-hole type
56	203080000018	3	Ring tongue terminal
57	203070003014	1	Fuse
58	203070003055	1	Cooling resistor in aluminum casing
59	203080000562	30	Thin-wall wire
60	203080000563	30	Thin-wall wire
61	203080000564	30	Thin-wall wire
62	203080003726	1	Sheath
63	203080003727	1	lock plate

6.2 CHASSIS ELECTRICAL SYSTEM

6.2.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION

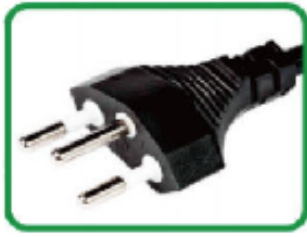
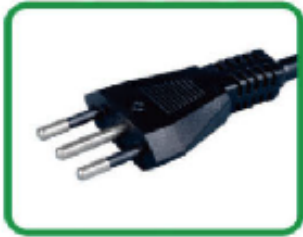
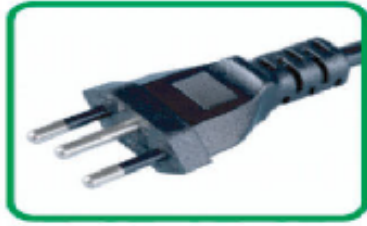




No.	Part No.	Qty.	Description
1	203040003003	1	Relay box
2	203060000146	2	Switch, travel (Schneider)
3	203020003071	1	Motor Controller
4	103007063015	1	Relative Angle Sensor Option
5	203190003026	1	DC/DC coverted
6	114004063040	1	Power switch option
7	103010063197		INST, charger
7a	203100003248	1	Charger
7b	103010063088	1	OPT, cable plug (charger)
7c	103010063240		OPT,decal (charging plug)
7c-1	101065103009	1	Decal-charging plug(100-240V,2KW)
7c-2	103010103022	1	Decal, charging plug (100-240V,2KW)(Standard equipped)
7c-3	103010103038	1	Decal-charging plug(100-240V,1.5KW)(North America)
8	103010063106		OPT, battery (power)
8-1	203100003083	8	Maintenance-free battery(Discover, 48V/330Ah)
8-2	203100003262	8	Maintanance-free Battery(Fullriver, 48V/335Ah)
9	215040000004	4	Washer 6-A2-70 GB/T 93
10	102004030245	1	Rubber grommet
11	215020000105	2	Screw M4×12-A2-70 GB/T 818
12	215040000033	4	Washer 6-A2 GB/T 97.1
13	215020000214	4	Screw M5×35-A2-70 GB/T 818
14	103010063104	1	ELEC wiring DIAG, power harness(Not shown)
15	215020000212	2	Screw M4×35-A2-70 GB/T 818
16	103003030108	1	Detection plate
17	215040000032	7	Washer 5-A2 GB/T 97.1
18	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
19	203160000004	1	Band, conductive (rubber)
20	215030000003	4	Nut M5-A2-70 GB/T 6170
21	215040000003	9	Washer 5-A2-70 GB/T 93
22	215020000110	2	Screw M5×12-A2-70 GB/T 818
23	215040000002	5	Washer 4-A2-70 GB/T 93
24	215020000006	3	Screw M5×12-A2-70 GB/T 70.1
25	215010000234	2	Bolt M8×20-8.8-ZnD GB/T 5789
26	215020000106	1	Screw M4×16-A2-70 GB/T 818
27	215020000116	4	Screw M6×16-A2-70 GB/T 818
28	103002030026	1	Guard
29	101016010062	1	Flange
30	103010033127	2	Subplate

No.	Part No.	Qty.	Description
31	103010033128	2	Subplate
32	215040000031	3	Washer 4-A2 GB/T 97.1

6.2.2 CHARGER PLUG CORD OPTIONS

		
B	E+F	G
		
J	L	M
		
H	I (AS)	I (China)
		
I (Argentina)	N	277 (UK)
		
510		

No.	Part No.	Qty.	Description
	103010063088		OPT, cable plug (charger)
1	203080000173	1	Charger plug cable(Type M, South Africa)
2	203080000174	1	Charger plug cable(Type J, Swiss specs)
3	203080000175	1	Charger plug cable(Type I, New Zealand and Australian specs)
4	203080000176	1	Charger plug cable(Type B, Mexico, America, Thailand, Taiwan, and Philippines specs)
5	203080000177	1	Charger plug cable(Type E+F , Vietnam, Russia, Poland, Turkey, Netherlands, and South Korea specs)
6	203080000178	1	Charger plug cable(Type G,HongKong, Macau, Malaysia and Middle East specsao)
7	203080000319	1	Charger plug cable(Type L, Chile, Italy specs)
8	203080004132	1	Cable,plug(charger)(Type N, Brazil)
9	203080004159	1	Cable,plug(charger)(Type I, China)
10	203080004160	1	Cable,plug(charger)(Type I, Argentina)
11	203080004161	1	Cable,plug(charger)(Type H, Israel)
12	203080004393	1	Cable, plug (charger)(277 Industrial Plug, UK)

6.2.3 POWER SWITCH OPTIONS

No.	Part No.	Qty.	Description
1	203060003186	1	Power switch (with lock)(SC : 1000077, with lock)
2	203060003167	1	Power switch(SC : 1000200, with lock)
3	203060000024	1	Power switch(SC : 1000110)
4	203060003137	1	Power switch(SC : 1000604)
5	203060003120	1	Power switch(SC : 1000200)
6	203060000124	1	Power switch(SC : 1000077)

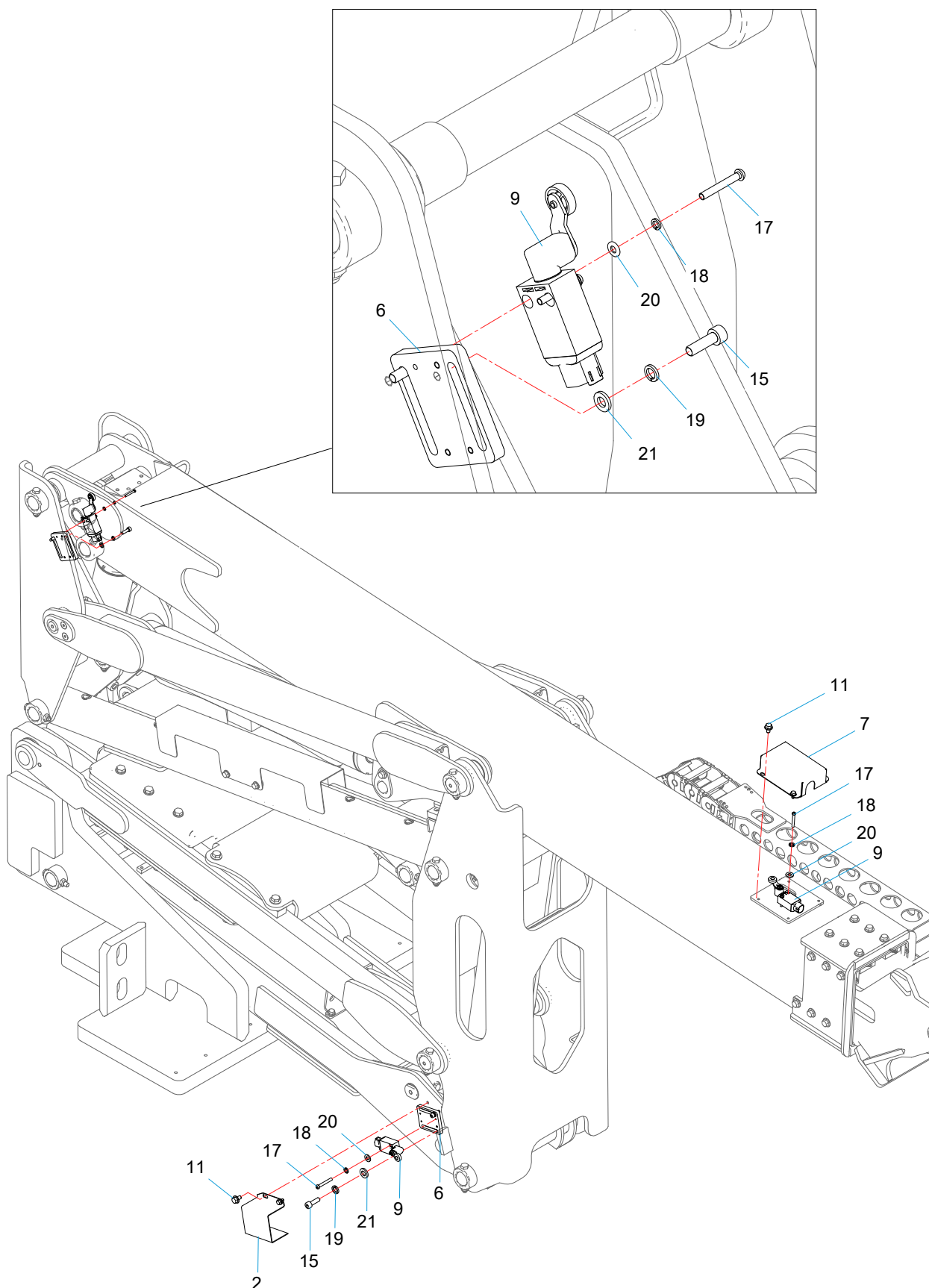
6.2.4 RELATIVE ANGLE SENSOR OPTIONS

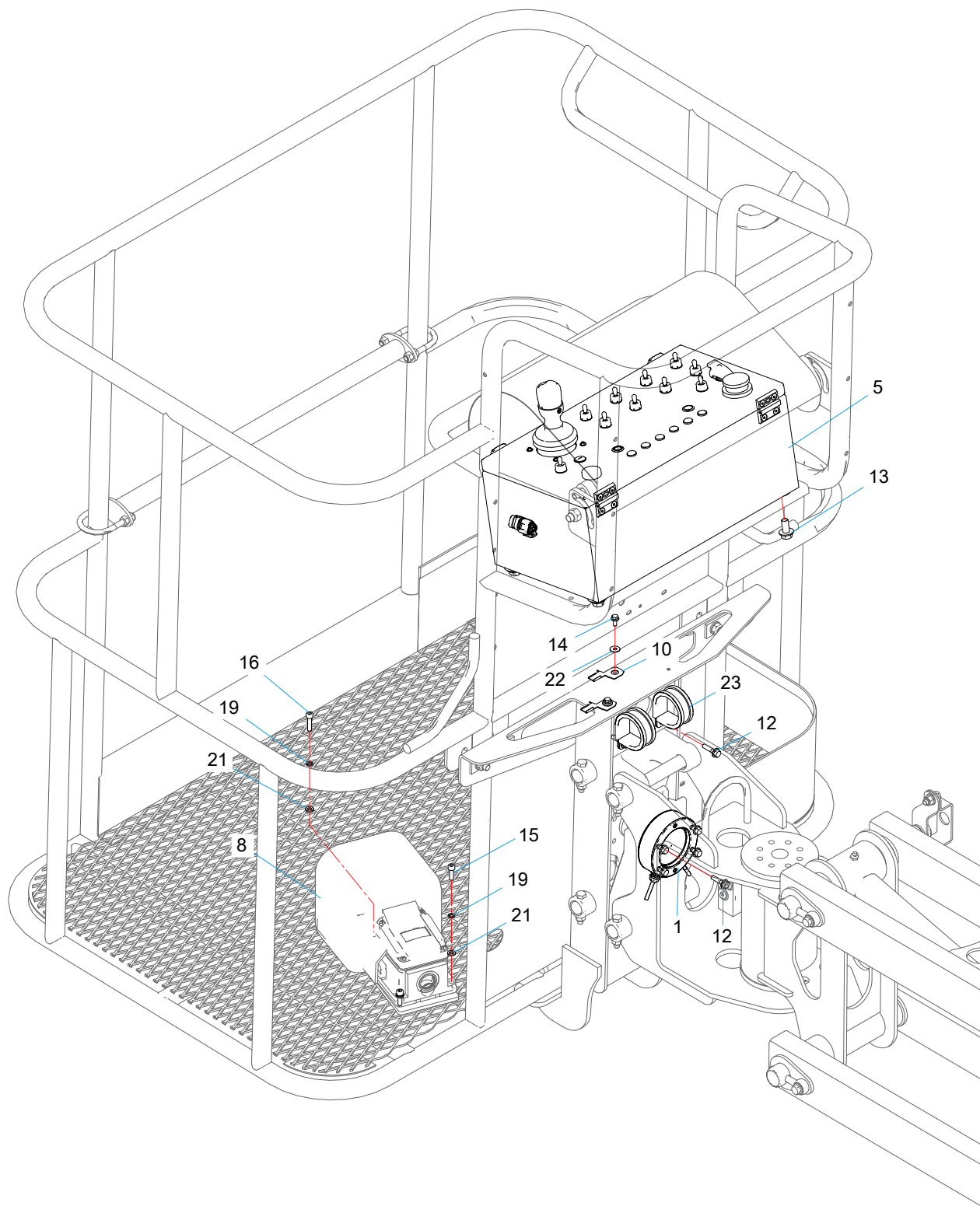
No.	Part No.	Qty.	Description
1	203150003049	1	Angle sensor(SC : 1000276)
2	203150003091	1	Angle sensor(SC : 1000707)
3	203150003083	1	Angle sensor(SC : 1000787)

No.	Part No.	Qty.	Description
	103010063104	1	ELEC wiring DIAG, power harness
1	203230000244	6	Power line
2	203230000844	1	Power line
3	203230000564	1	Power line
4	203230000562	1	Power line
5	203230000100	1	Power line
6	203230003321	1	Power line
7	203230001025	1	Power line
8	203230001050	1	Power line
9	203230000573	1	Power line
10	203230003465	1	Power line
11	203230003267	1	Power line
12	203080000004	34	PVC sheath

6.3 BOOM ELECTRICAL SYSTEM

6.3.1 BOOM ELECTRICAL COMPONENTS INSTALLATION



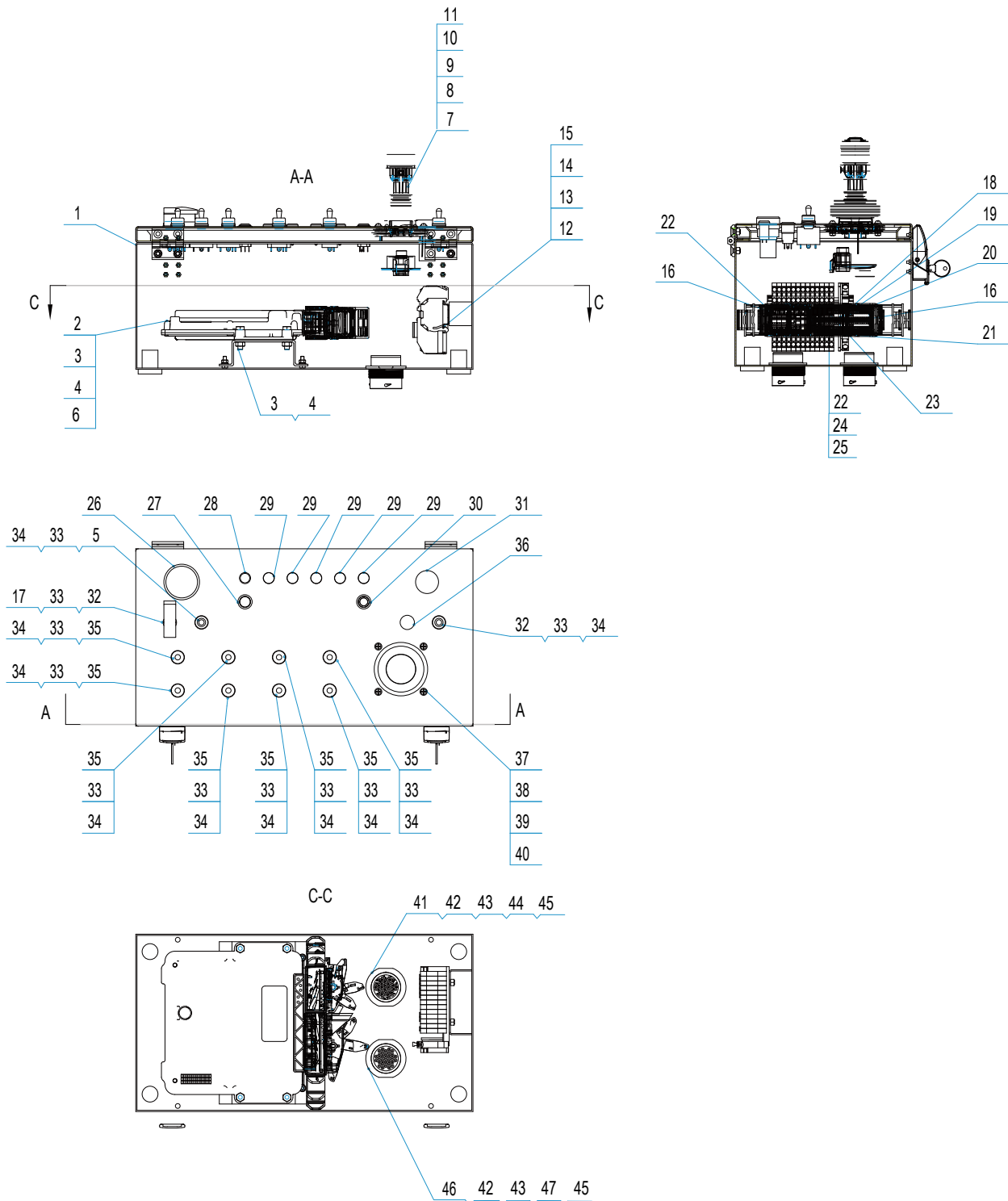


No.	Part No.	Qty.	Description
1	103006060034	1	Load sensor options
2	103010013549	1	Cover, travel switch
3	103010063076	1	Harness, platform(Not shown)
4	103010063077	1	Cables DIAG, drag chain(Not shown)
5	103010063080		OPT, control box ASSY (platform)
5-1	103010063005	1	Platform controller assembly
5-2	103010063136	1	Control box ASSY, platform (Chile logo)
6	104009060027	2	Mounting plate, travel switch
7	104011060052	1	Travel switch cover
8	114015063052		Foot switch options
8-1	203060000009	1	Heavy-duty foot switch(SC : 1000094)
8-2	203060003146	1	Foot Switch(SC : 1000077)
9	203060000146	3	Switch, travel (Schneider)
10	203080000525	2	Fixture, metal (Deutsch)
11	215010000229	6	Bolt M6×10-8.8-ZnD GB/T 5789
12	215010000232	6	Bolt M6×25-8.8-ZnD GB/T 5789
13	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
14	215010000279	2	Bolt M5×12-8.8-ZnD GB/T 5789
15	215020000012	6	Screw M6×20-A2-70 GB/T 70.1
16	215020000013	1	Screw M6×25-A2-70 GB/T 70.1
17	215020000211	6	Screw M4×30-A2-70 GB/T 818
18	215040000002	6	Washer 4-A2-70 GB/T 93
19	215040000004	7	Washer 6-A2-70 GB/T 93
20	215040000031	6	Washer 4-A2 GB/T 97.1
21	215040000033	7	Washer 6-A2 GB/T 97.1
22	215040000132	2	Washer 5-200HV-A2 GT/B 96.1
23	216020000025	2	Ring, fixing (SSG)

6.3.2 LOAD SENSOR OPTIONS

No.	Part No.	Qty.	Description
1	103006060026	1	Dual channel load sensor
1a	203150000070	1	Load sensor
1b	215010000232	6	Bolt M6×25-8.8-ZnD GB/T 5789
2	103006060029	1	Single channel load sensor
2a	203150000069	1	Load sensor
2b	215010000232	6	Bolt M6×25-8.8-ZnD GB/T 5789
3	103006063056	1	Dual channel load sensor
3a	203150003038	1	Load sensor
3b	215010000232	4	Bolt M6×25-8.8-ZnD GB/T 5789
4	103006063057	1	Single channel load sensor
4a	203150003039	1	Load sensor
4b	215010000232	4	Bolt M6×25-8.8-ZnD GB/T 5789
5	103006063058	1	Single channel load sensor
5a	203150003041	1	Load sensor
5b	215010000232	4	Bolt M6×25-8.8-ZnD GB/T 5789

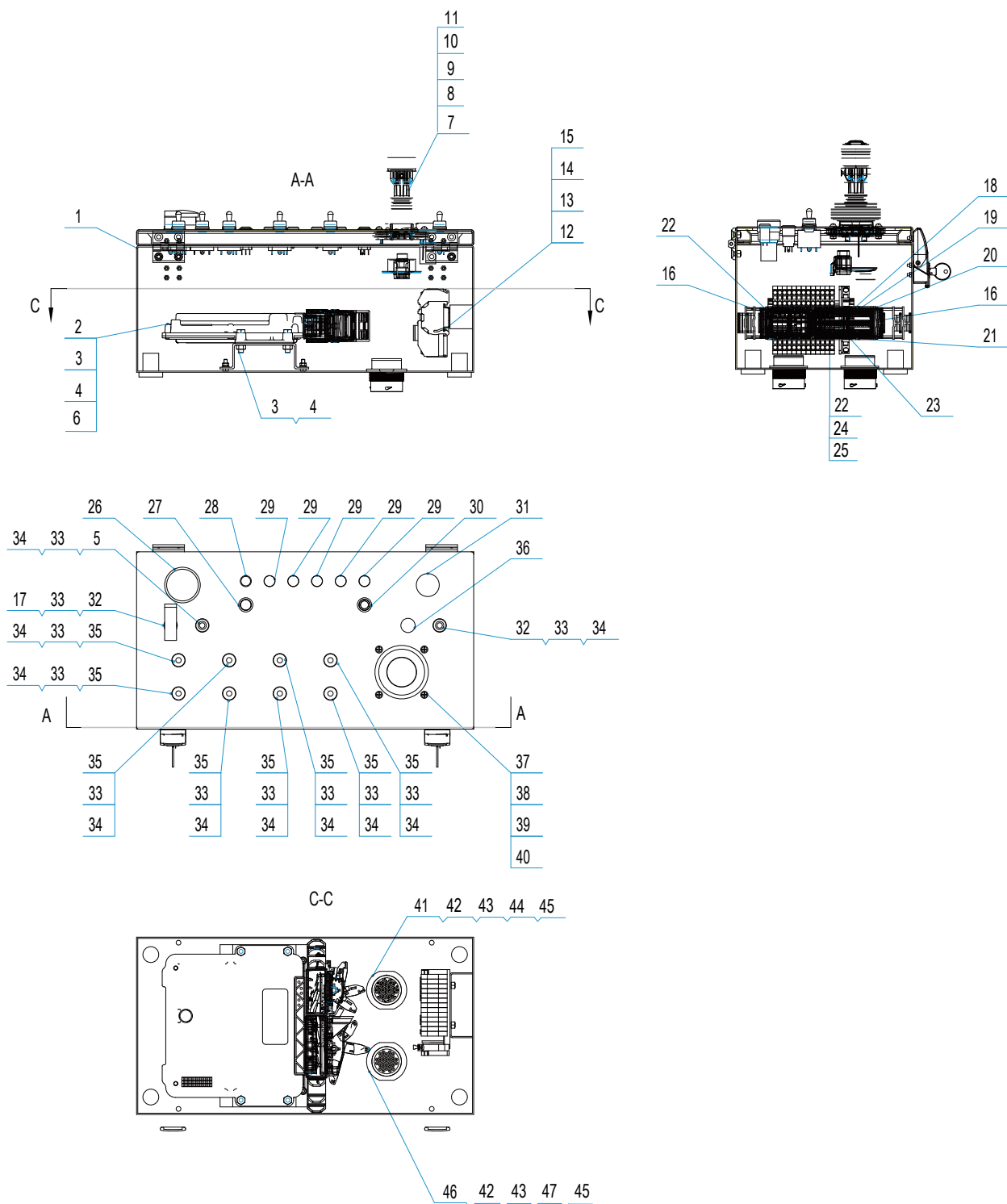
6.3.3 PLATFORM CONTROLLER ASSEMBLY (PN.103010063005)



No.	Part No.	Qty.	Description
1	103010063002	1	Box, control (platform)
2	203020000038	1	Controller
3	215010003054	4	Nylon Bolt M6×25-4.8-PA66
4	215040003034	4	Nylon Washer 6-PA66
5	203060000035	1	Toggle switch
6	203080000378	1	Connector, controller
7	203060003081	1	Single-axis joystick
8	203060000014	1	Handle connector
9	203080000099	4	Terminal
10	203080000085	2	Blind plug
11	203080000019	1	6-pin socket lock
12	203990000001	1	Guide rail
13	215020000109	2	Screw M5×10-A2-70 GB/T 818
14	215040000003	2	Washer 5-A2-70 GB/T 93
15	215040000032	2	Washer 5-A2 GB/T 97.1
16	203080003053	2	Terminal block
17	203060000150	1	Toggle switch guard
18	203080003052	1	End plate
19	203080003059	1	End plate
20	203080003057	1	Fuse terminal
21	203070000053	1	Plug-in fuse
22	203080003051	14	Common terminal
23	203080003058	8	Jumper
24	203080003056	1	Terminal label 1-10
25	203080003055	1	Terminal label 11-20
26	203060000142	1	Switch, emergency stop
27	203060003073	1	Button
28	203050003047	1	Green indicator light
29	203050003046	5	Red indicator light
30	203060003074	1	Button
31	203050003021	1	Buzzer
32	203060000021	2	Toggle switch
33	203080000109	11	Nut
34	203080000101	10	Waterproof cap
35	203060000003	8	Toggle switch
36	105045060004	1	Controller plug
37	215020000106	4	Screw M4×16-A2-70 GB/T 818
38	215040000002	4	Washer 4-A2-70 GB/T 93

No.	Part No.	Qty.	Description
39	215040000031	8	Washer 4-A2 GB/T 97.1
40	215030000002	4	Nut M4-8-A2-70 GB/T 6170
41	203080000516	1	31-pin female connector sheath
42	203060000098	2	Metal spring plate
43	203060000101	2	Retaining nut
44	203080000041	16	Female connector
45	203080000068	35	Blind plug
46	203080000523	1	31-pin male connector sheath
47	203080000033	11	Male connector
48	103010063026	1	Surface film, control box (platform)(Not shown)
49	103010063027	1	PC film, control box (platform)(Not shown)
50	103010063025	1	Wiring DIAG, control box (platform)(Not shown)

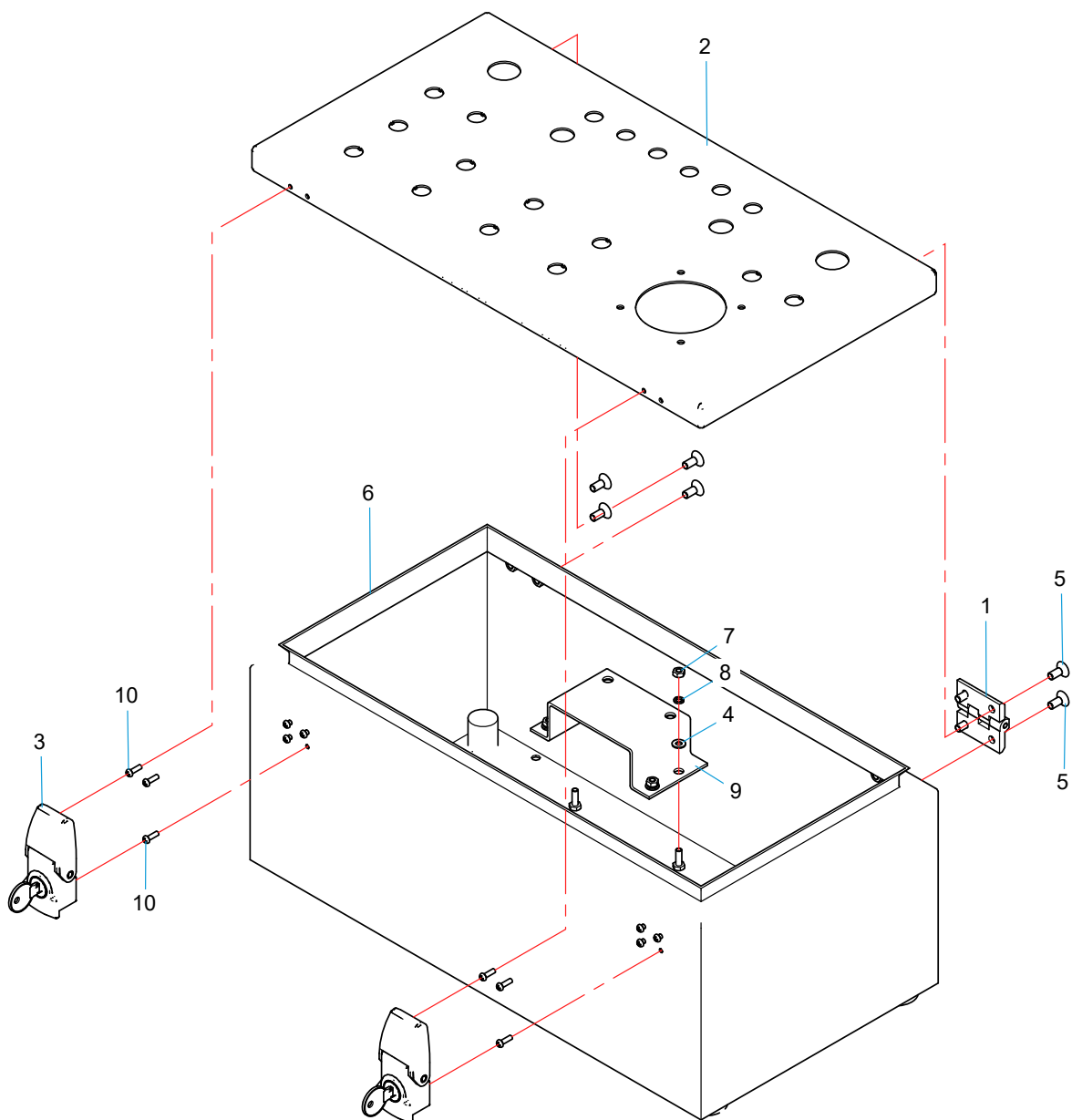
6.3.4 PLATFORM CONTROLLER ASSEMBLY (PN.103010063136, CHILE LOGO)



No.	Part No.	Qty.	Description
1	103010063002	1	Box, control (platform)
2	203020000038	1	Controller
3	215010003054	4	Nylon Bolt M6×25-4.8-PA66
4	215040003034	4	Nylon Washer 6-PA66
5	203060000035	1	Toggle switch
6	203080000378	1	Connector, controller
7	203060003081	1	Single-axis joystick
8	203060000014	1	Handle connector
9	203080000099	4	Terminal
10	203080000085	2	Blind plug
11	203080000019	1	6-pin socket lock
12	203990000001	1	Guide rail
13	215020000109	2	Screw M5×10-A2-70 GB/T 818
14	215040000003	2	Washer 5-A2-70 GB/T 93
15	215040000032	2	Washer 5-A2 GB/T 97.1
16	203080003053	2	Terminal block
17	203060000150	1	Toggle switch guard
18	203080003052	1	End plate
19	203080003059	1	End plate
20	203080003057	1	Fuse terminal
21	203070000053	1	Plug-in fuse
22	203080003051	14	Common terminal
23	203080003058	8	Jumper
24	203080003056	1	Terminal label 1-10
25	203080003055	1	Terminal label 11-20
26	203060000142	1	Switch, emergency stop
27	203060003073	1	Button
28	203050003047	1	Green indicator light
29	203050003046	5	Red indicator light
30	203060003074	1	Button
31	203050003021	1	Buzzer
32	203060000021	2	Toggle switch
33	203080000109	11	Nut
34	203080000101	10	Waterproof cap
35	203060000003	8	Toggle switch
36	105045060004	1	Controller plug
37	215020000106	4	Screw M4×16-A2-70 GB/T 818
38	215040000002	4	Washer 4-A2-70 GB/T 93

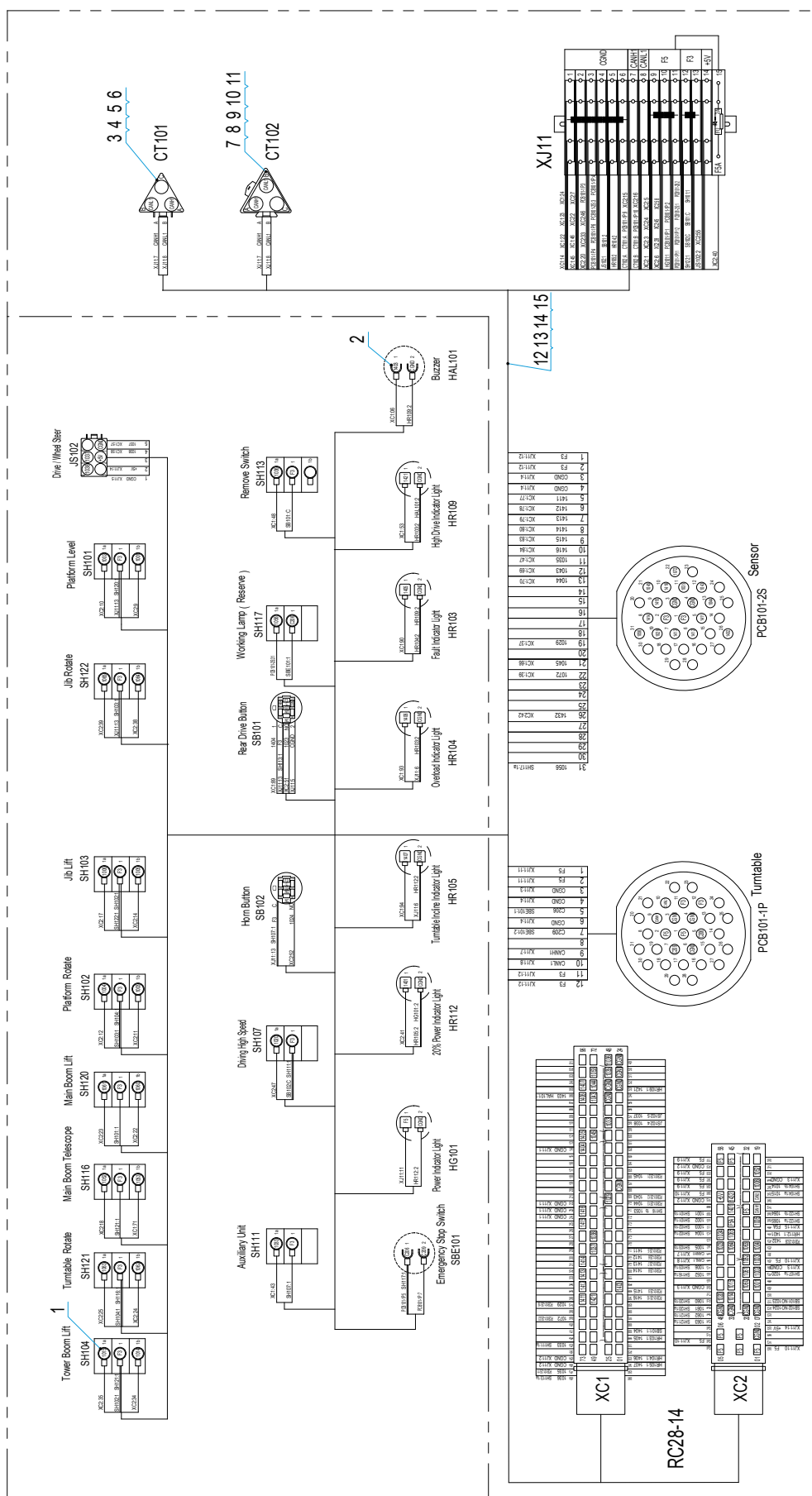
No.	Part No.	Qty.	Description
39	215040000031	8	Washer 4-A2 GB/T 97.1
40	215030000002	4	Nut M4-8-A2-70 GB/T 6170
41	203080000516	1	31-pin female connector sheath
42	203060000098	2	Metal spring plate
43	203060000101	2	Retaining nut
44	203080000041	16	Female connector
45	203080000068	35	Blind plug
46	203080000523	1	31-pin male connector sheath
47	203080000033	11	Male connector
48	103010063134	1	Surface film, control box (platform, Chile logo)(Not shown)
49	103010063027	1	PC film, control box (platform)(Not shown)
50	103010063025	1	Wiring DIAG, control box (platform)(Not shown)

6.3.5 PLATFORM CONTROLLER (PN.103010063002)



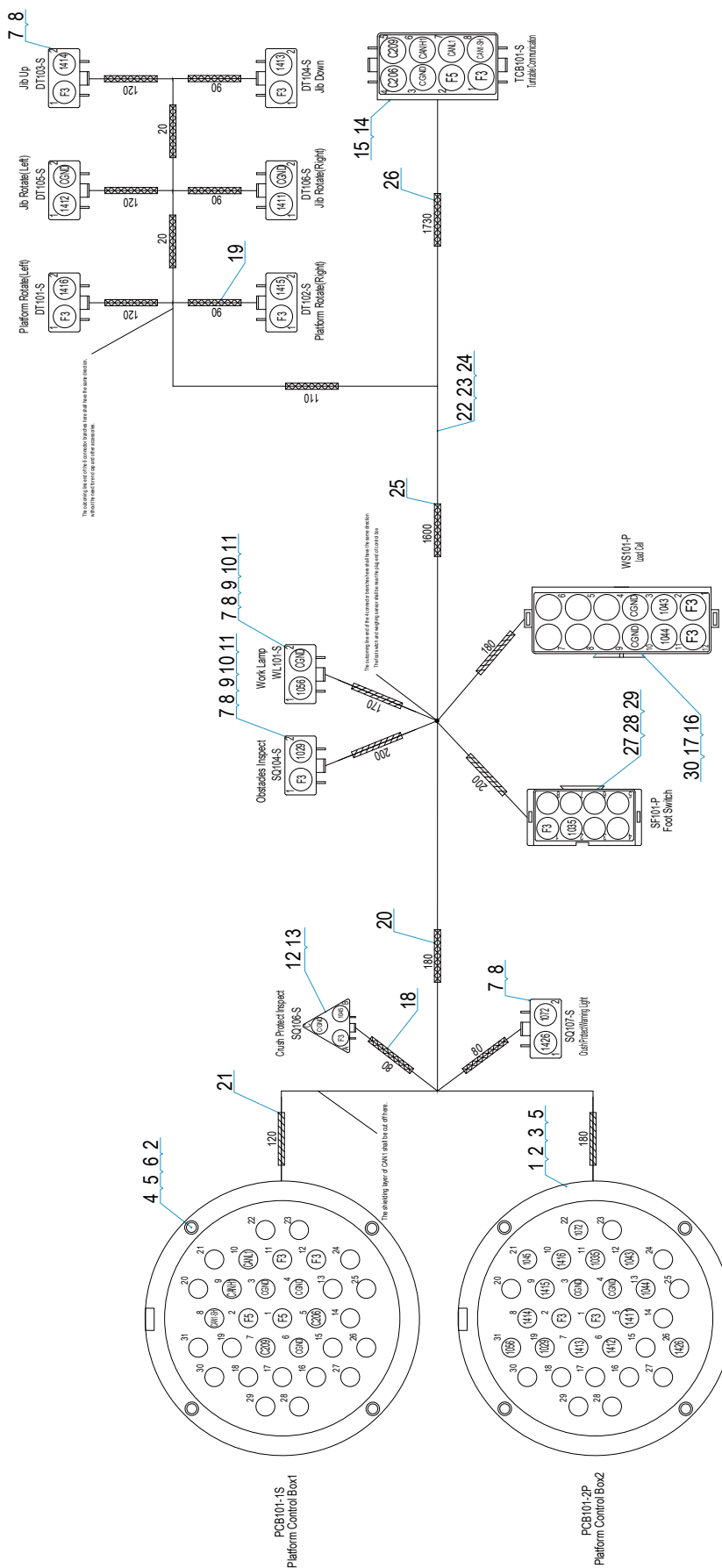
No.	Part No.	Qty.	Description
1	203090003005	2	Hinge
2	103010063001	1	Platform controller panel assembly
3	203090003006	2	Latch
4	215040000031	8	Washer 4-A2 GB/T 97.1
5	215020000261	8	Screw M5×12-8.8 GB/T 70.3
6	103010063000	1	Platform controller base assembly
7	215030000002	8	Nut M4-8-A2-70 GB/T 6170
8	215040000002	8	Washer 4-A2-70 GB/T 93
9	103006060005	2	Holder assembly
10	215020000100	12	Screw M3×10-A2-70 GB/T 818

6.3.6 PLATFORM CONTROLLER HARNESS (PN.103010063025)



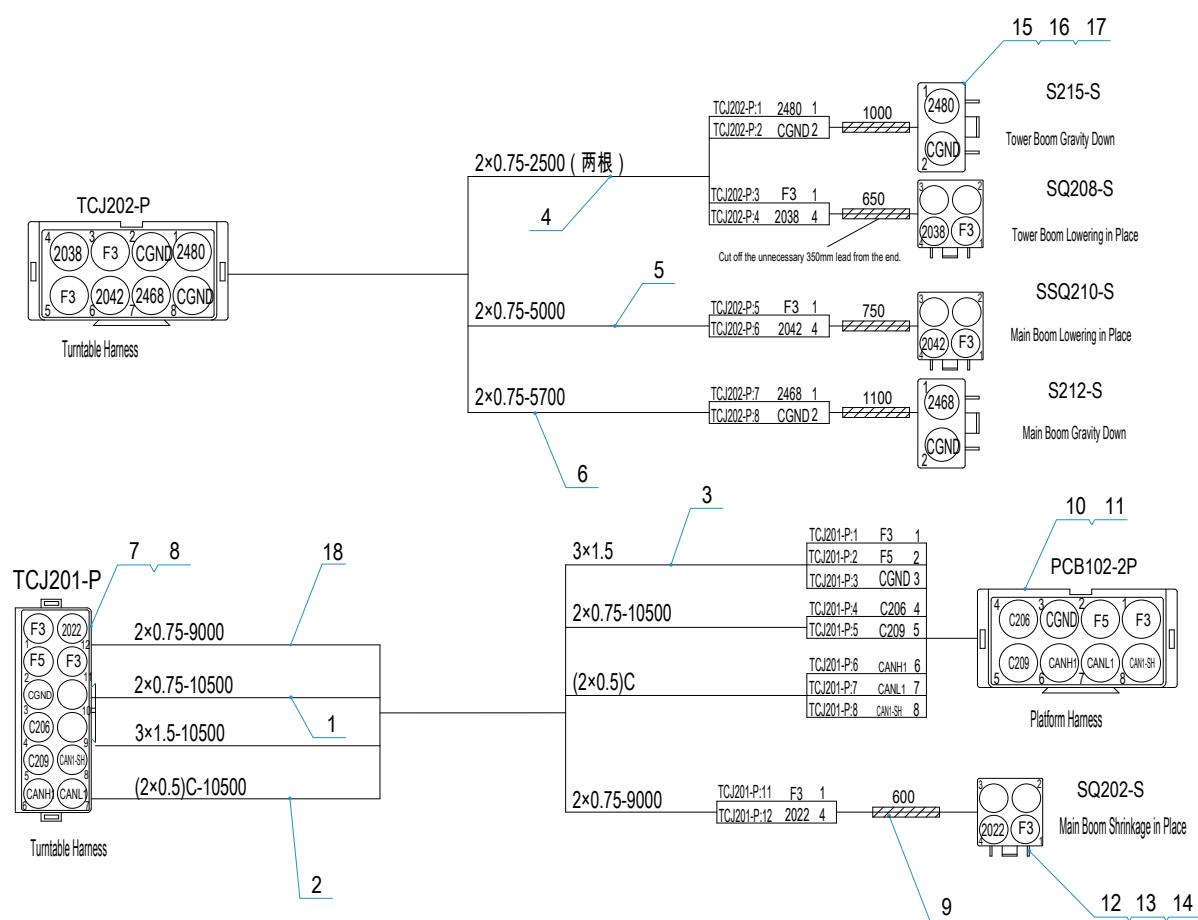
No.	Part No.	Qty.	Description
	103010063025	1	Wiring DIAG, control box (platform)
1	203080003514	32	Terminal, FOT
2	203080000036	4	Cold-pressed terminal
3	203080000404	1	Sheath
4	203080000032	1	Lock
5	203080000041	1	Female connector
6	203080000473	1	Waterproof cover
7	203080000405	1	Sheath
8	203080000046	1	Lock
9	203080000033	2	Male connector
10	203080000068	2	Blind plug
11	203080000086	2	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

6.3.7 PLATFORM HARNESS (PN.103010063076)



No.	Part No.	Qty.	Description
	103010063076	1	Harness, platform
1	203080000515	1	31-pin male sheath
2	203080000068	24	Blind plug
3	203080000033	26	Male connector
4	203080000520	1	31-pin female terminal sheath
5	203060000096	2	180 deg. end clip
6	203080000041	41	Female connector
7	203080000410	9	Sheath
8	203080000016	9	Lock
9	203080000437	2	End attachments, 2-pin, female
10	203080000448	2	Rubber part
11	203080000474	2	Waterproof cover
12	203080000404	1	Sheath
13	203080000032	1	Lock
14	203080000406	1	Sheath
15	203080000112	1	Lock
16	203080000403	1	Sheath
17	203080000157	1	Lock
18	203080003297	2	Corrugated pipe
19	203080003291	1	Corrugated pipe
20	203080003286	0.5	Corrugated pipe
21	203080003300	0.5	Corrugated pipe
22	203080000562	15	Thin-wall wire
23	203080000563	20	Thin-wall wire
24	203080000564	12	Thin-wall wire
25	203080003287	3	Corrugated pipe
26	203080003289	2	Corrugated pipe
27	203080000413	1	Sheath
28	203080000126	1	Lock
29	203080000447	1	End clip
30	203080000459	1	End clip

6.3.8 CABLE TRACK DIAGRAM (PN.103010063077)

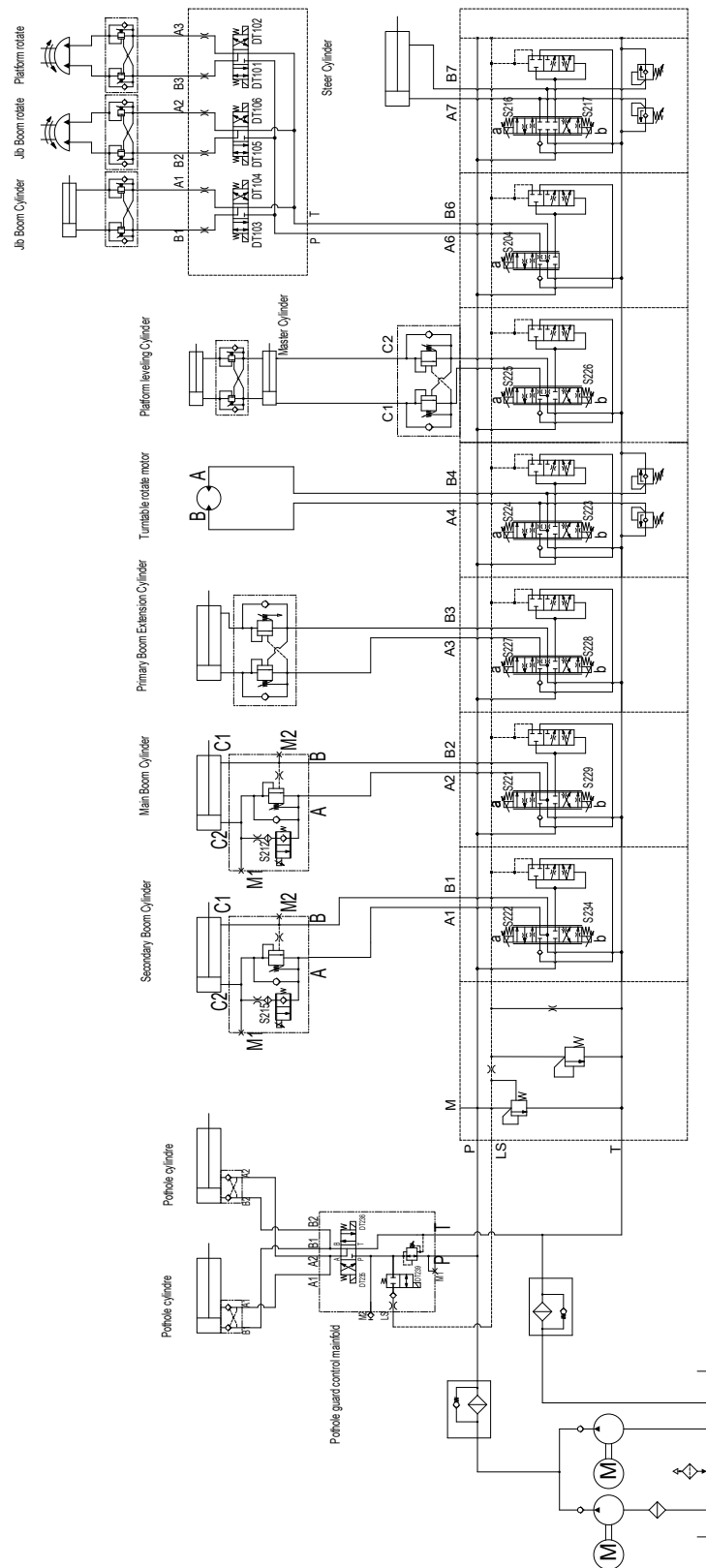


No.	Part No.	Qty.	Description
	103010063077	1	Cables DIAG, drag chain
1	203080003759	1	Drag chain cable
2	203080003763	1	Drag chain cable (CAN Bus)
3	203080003765	1	Drag chain cable
4	203230000836	2	Drag chain cable
5	203080003779	1	Drag chain cable
6	203080004054	1	Cable,drag chain
7	203080000403	1	Sheath
8	203080000157	1	Lock
9	203080000424	1	Nylon hose, closed-end
10	203080000413	2	Sheath
11	203080000126	2	Lock
12	203080000044	3	Sheath
13	203080000020	3	Lock
14	203080000446	3	Rubber part
15	203080000410	2	Sheath
16	203080000016	2	Lock
17	203080000448	2	Rubber part
18	203080003780	1	Drag chain cable

7 SCHEMATIC DIAGRAM

7.1 HYDRAULIC SCHEMATIC DIAGRAM

Hydraulic Schematic Diagram



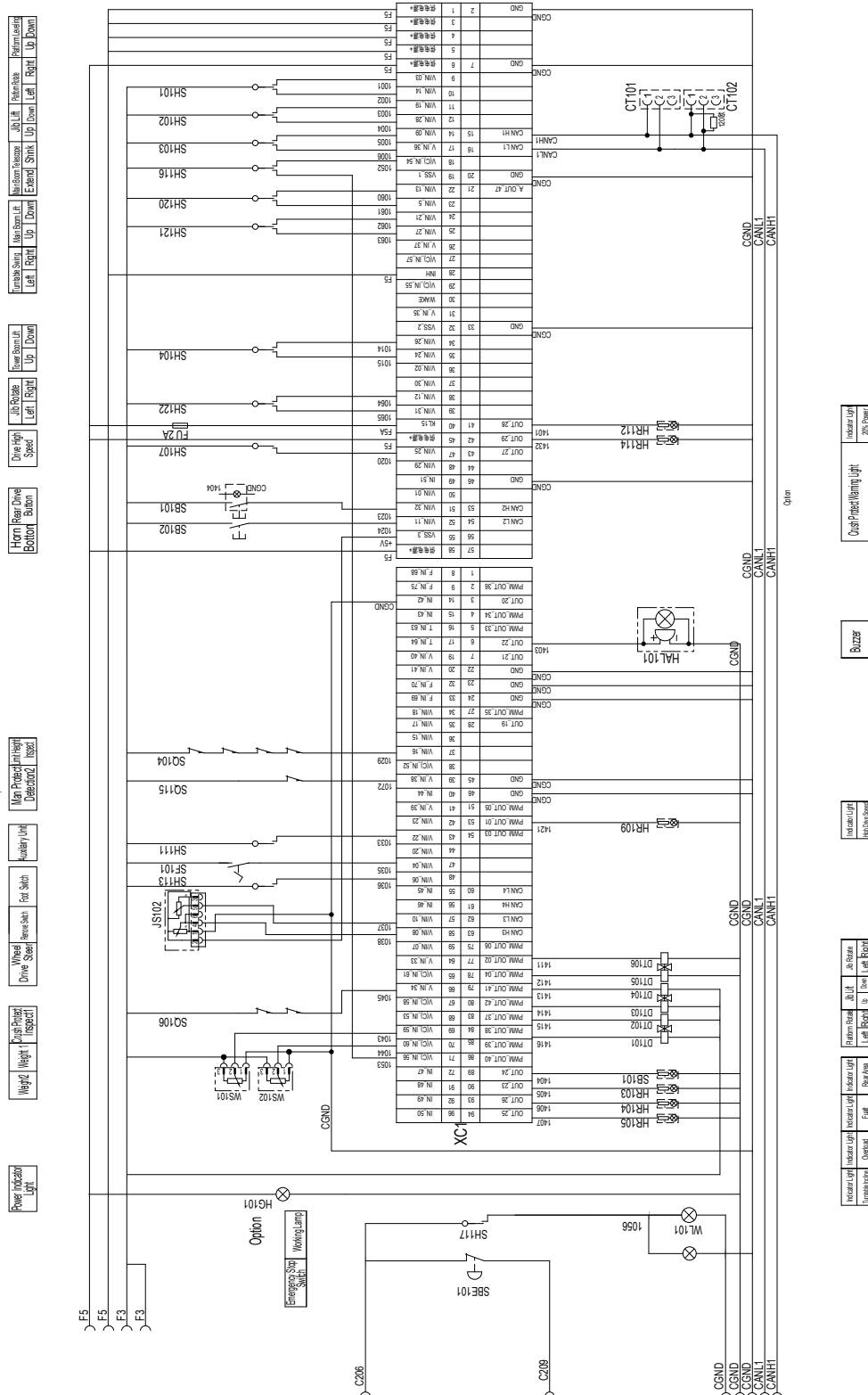
7.2 ELECTRICAL SCHEMATIC DIAGRAM

103010063101A

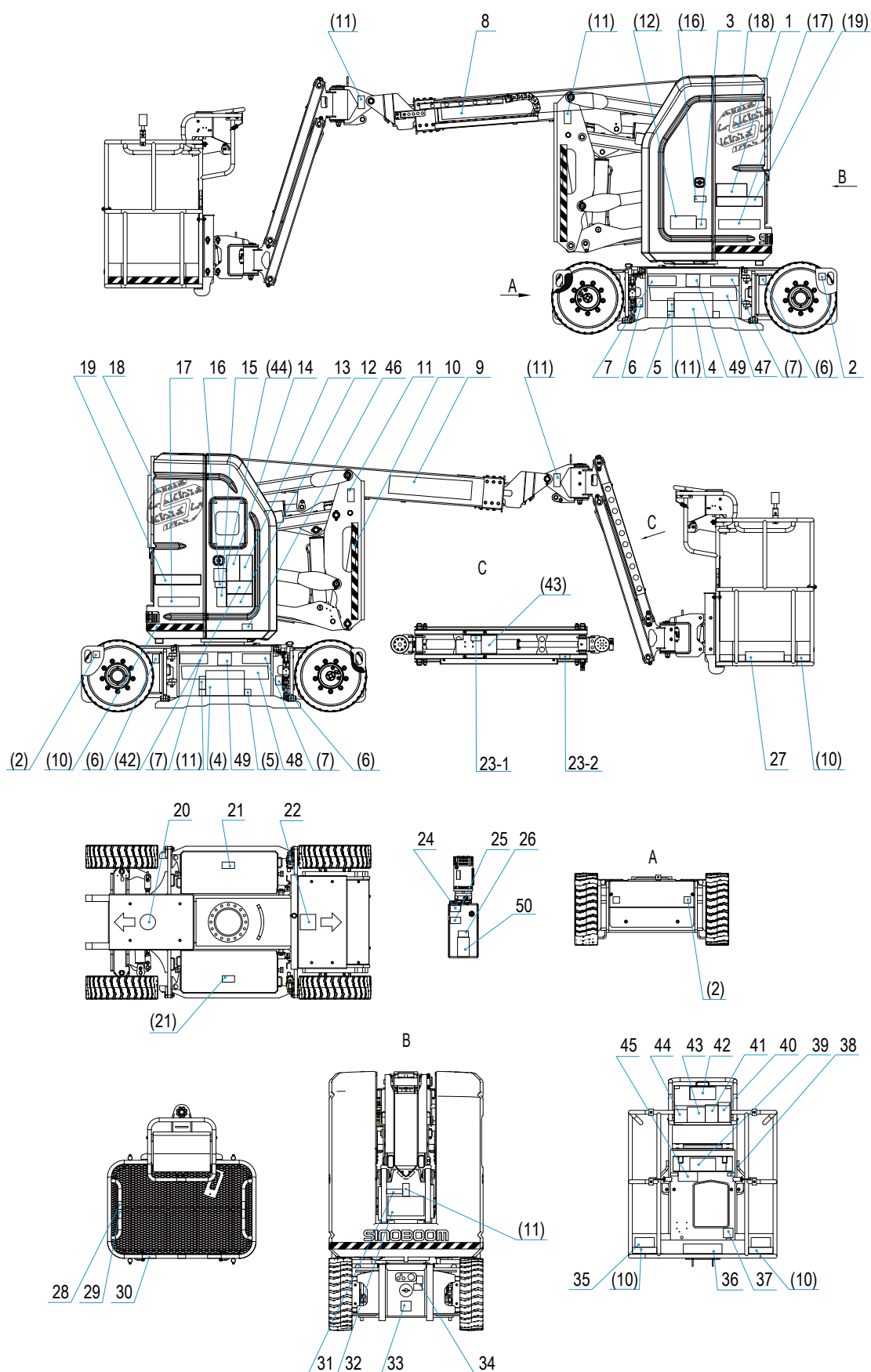


Note: CGND are ground wire of 12V, GGND are control line of Trackunt;

XC2



8 DECALS DIAGRAM



No.	GB	CE-Metric	CE-Imperial	AS	ANSI&CSA	Note	Qty.
	103010103005	103010103007	103010103009	103010103010	103010103006	General diagram of decals positions	1
1	103013100016	/	/	/	/	Decal-IPAF	1
2	104011100002	104011100002	104011100002	104011100002	104011100002	Decal-Lifting point	4
3	101016100034	101016100034	101016100034	101016100034	101016100034	Decal-Noise level of 72dB	1
4	103010103026	/	/	/	/	Decal-Contact information (Lead acid)	2
5	103010103033	103010103033	103010103033	103010103033	103010103033	Decal-No Forklifting from This Point	4
6	103006103022	103006103022	103006103022	103006103022	103006103022	Decal-Load on ground 3580kg	4
7	104011100001	104011100001	104011100001	104011100001	104011100001	Decal-Tipping hazard	4
8	114015103036	105058103003	105058103003	105058103003	105058103003	LOGO-SINOBOOM (small)	1
9	103010103003	103010103003	103010103011	103010103003	103010103011	Decal-Trade ID (big)	1
10	216060000002	216060000002	216060000002	216060000002	216060000002	Yellow & black hazard warning stripe tape	7
11	103009103009	103009103009	103009103009	103009103009	103009103009	Decal-Crushing hazard	7
12	104011100006	104011100006	104011100006	104011100006	104011100006	Decal-Compartment overhaul	2
13	104023103025	104023103025	104023103025	104023103025	104023103025	Decal-Emergency lowering (Articulating Boom)	1
14	105085100022	105085100022	105085100022	105085100022	105085100022	Decal-Maintenance Warning	1
15	103010103000	103010103000	103010103000	103010103000	103010103000	Decal-General safety instructions	1
16	103010103015	/	/	/	/	Decal-Rotation is prohibited with the turntable cover opened	2
17	103010103002	103010103002	103010103012	103010103002	103010103012	Decal-Trade ID (small)	2
18	103008103006	103008103006	103008103006	103008103006	103008103006	LOGO-Symbol (small)	2
19	105068103021	/	/	/	/	Decal-NEO (small)	2
20	103006103011	103006103011	103006103011	103006103011	103006103011	Decal-Direction marking	1
21	101012100001	101012100001	101012100001	101012100001	101012100001	Decal-No smoking or fire	2

No.	GB	CE-Metric	CE-Imperial	AS	ANSI&CSA	Note	Qty.
22	103003100010	103003100010	103003100010	103003100010	103003100010	Decal-Direction marking	1
23-1	103010103001	/	/	/	/	Decal-Fall hazard	1
23-2	/	103010103001	103010103001	103010103001	103010103001	Decal-Fall hazard	1
24	104011100010	104011100010	104011100010	104011100010	104011100010	Decal-Hydraulic oil level	1
25	104011100003	104011100003	104011100003	104011100003	104011100003	Decal-Hydraulic oil level	1
26	104009100018	102012103009	102012103009	102012103009	102012103009	Decal-Hydraulic oil marking	1
27	103007103002	103007103002	103007103002	103007103002	103007103002	Decal-Tipping hazard	1
28	105085100021	/	/	/	103010103014	Decal-Non-insulated	3
29	101079103034	101079103034	101079103034	101079103034	101079103034	Decal-Hand-hold position	3
30	104011100021	104011100021	104011100021	104011100021	104011100021	Decal-Crushing hazard	2
31	101014100032	101014100032	101014100032	101014100032	101014100032	Decal-Serial number	1
32	215050000001	215050000001	215050000001	215050000001	215050000001	Blind rivet	4
33	115008100017	115008100017	115008100017	104024103001	104024103001	Decal-Emergency stop button	1
34	101012100010	101012100010	101012100010	101012100010	101012100010	Decal-Electrocution hazard	1
35	104011100019	104011100019	104011100019	104011100019	104011100019	Decal-Crushing hazard	2
36	103007103001	103007103001	103007103001	103007103001	103007103001	Decal-Rated platform capacity of 230kg	1
37	105064103022	105064103022	105064103022	105064103022	105064103022	Decal-Foot switch	1
38	103006103014	103006103014	103006103014	103006103014	103006103014	Decal-Anchor point	2
39	104011100015	104011100015	104011100015	104011100015	104011100015	Decal-Tipping hazard	1
40	103015100012	/	/	/	105029103023	Decal-Operation instructions (articulated arm)	1
41	103010103004	103010103004	103010103004	103010103004	103010103004	Decal-Diagram of working envelope	1
42	104011100013	104011100013	104011100013	104011100013	104011100013	Decal-Electrocution hazard	2
43	103010103047	/	/	/	/	Decal - Never let platform touch ground	2

No.	GB	CE-Metric	CE-Imperial	AS	ANSI&CSA	Note	Qty.
44	103010103023	/	/	/	/	Decal-Tipping hazard	2
	/	103010103023	103010103023	103010103023	103010103023	Decal-Tipping hazard	1
45	104011100009	104011100009	104011100009	104011100009	104011100009	Decal-Read manuals	1
46	/	/	/	/	101072103061	Decal-Annual inspection date	1
47	/	103003100009	103003100009	103003100009	103003100009	Decal-Contact information	1
48	/	105032103020	105032103020	105032103020	105032103020	Decal-Contact information	1
49	/	103010103017	103010103017	103010103017	/	Decal-Lead acid battery	2
50	/	/	/	/	105084100019	Decal-Hydraulic oil selection instructions	1

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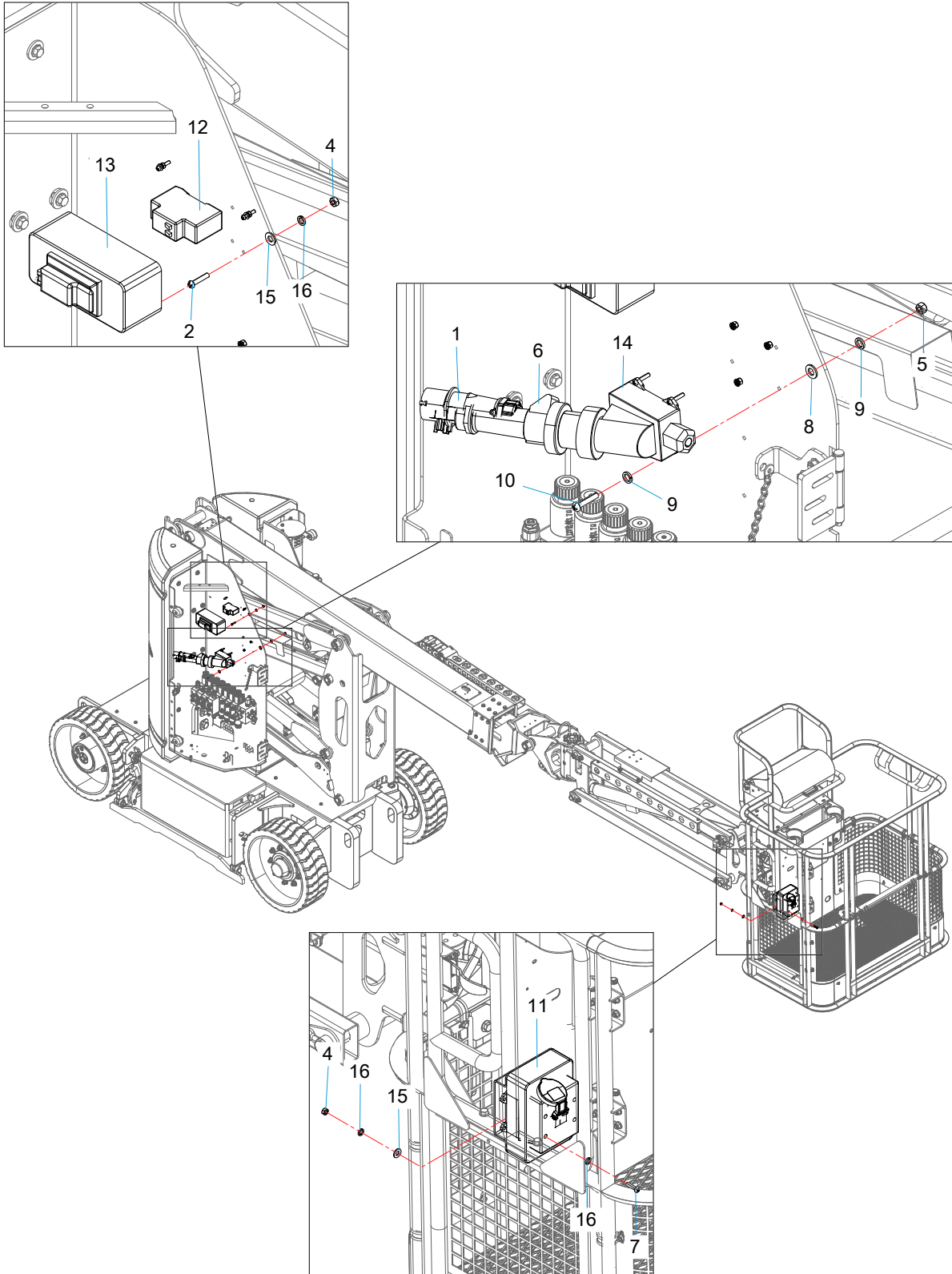
9 OPTIONS

9.1 AC POWER INSTALLATION

9.1.1 AC POWER INSTALLATION

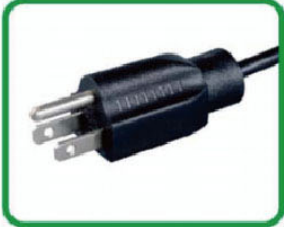
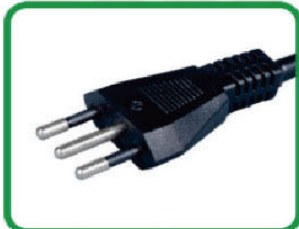
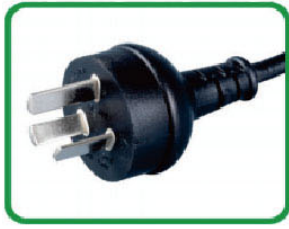
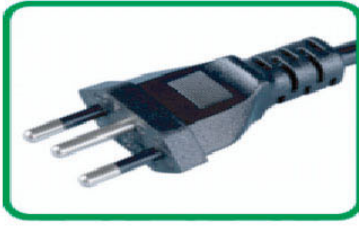
No.	Part No.	Qty.	Description
1	103010063242	1	OPT, INST (ELEC, AC power)
1-1	103010063087	1	AC mains electrical installation
1-2	103010063243	1	INST, AC supply (mains)(Australia)
2	203230003381	1	Drag chain cable
3	203230003382	1	Drag chain cable
4	103010063241	1	ELEC harness DIAG, AC supply (Australia)
5	103016060011	1	OPT, ELEC schematic (AC supply)

9.1.2 AC POWER ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	105074063065	1	Charger plug option
2	215020000107	4	Screw M4×20-A2-70 GB/T 818
3	203080000415	3	Terminal
4	215030000002	8	Nut M4-8-A2-70 GB/T 6170
5	215030000003	4	Nut M5-A2-70 GB/T 6170
6	203080003078	1	3P16A IP67 plug (female terminal)
7	215020000106	4	Screw M4×16-A2-70 GB/T 818
8	215040000032	4	Washer 5-A2 GB/T 97.1
9	215040000003	8	Washer 5-A2-70 GB/T 93
10	215020000113	4	Screw M5×25-A2-70 GB/T 818
11	103011063061	1	Socket, waterproof Options
12	203160000002	1	Leakage protector
13	203090000002	1	RCBO waterproof box
14	203080003079	1	3P16A IP67 surface mounted socket (male terminal)
15	215040000031	8	Washer 4-A2 GB/T 97.1
16	215040000002	12	Washer 4-A2-70 GB/T 93

9.1.3 POWER PLUG CORD OPTIONS

		
B	E+F	G
		
J	L	M
		
H	I (AS)	I (China)
		
I (Argentina)	N	277 (UK)
		
510		

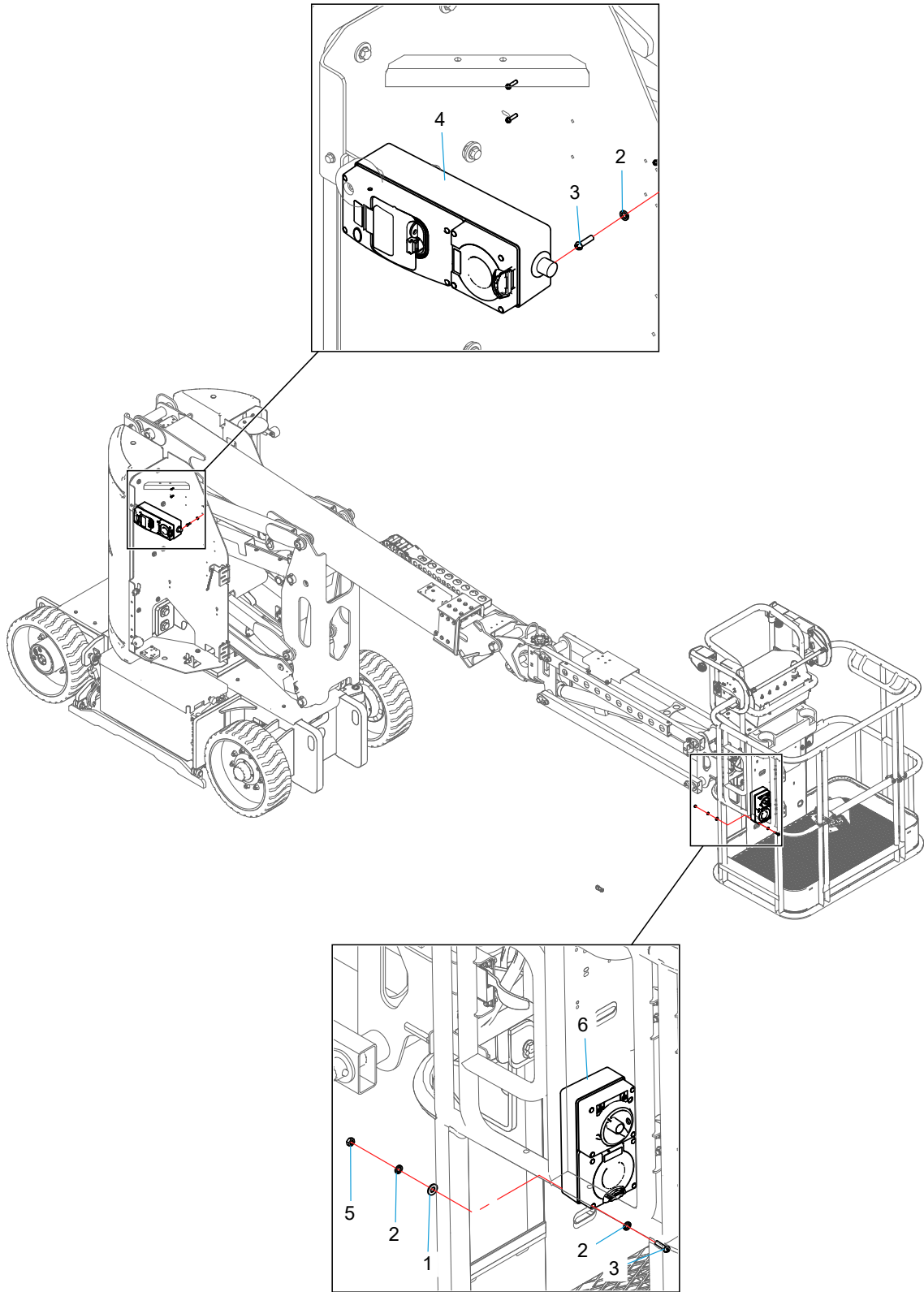
No.	Part No.	Qty.	Description
1	203080003964	1	Cable, plug (AC power)(Type L, Chile and Italy)
2	203080004037	1	Cable, plug (AC power)(Type I, Argentina)
3	203080003959	1	Cable, plug (AC power)(Type G, Hong Kong, Macau, Malaysia and the Middle East)
4	203080003961	1	Cable, plug (AC power)(Type M, South Africa and India)
5	203080004036	1	Cable, plug (AC power)(Type I, China)
6	203080003963	1	Cable, plug (AC power)(Type J, Switzerland)
7	203080003960	1	Cable, plug (AC power)(Type B, Mexico, the United States, Thailand, Taiwan, and the Philippines)
8	203080003970	1	Cable, plug (AC power)(Type H, Israel)
9	203080003962	1	Cable, plug (AC power)(Type E+F, Vietnam, Russia, Poland, Turkey, the Netherlands, and South Korea)
10	203080003958	1	Cable, plug (AC power)(Type I, New Zealand and Australia)
11	203080004035	1	Cable, plug (AC power)(Type N, Brazil)
12	203080004391	1	Cable, plug (AC power)(Type 277+1193, UK)

9.1.4 SOCKET, WATERPROOF OPTIONS

					
B	E F	G	H	I (China)	I (New Zealand)
					
M	N	L (Chile, Italy)	277/1193(Britain)		

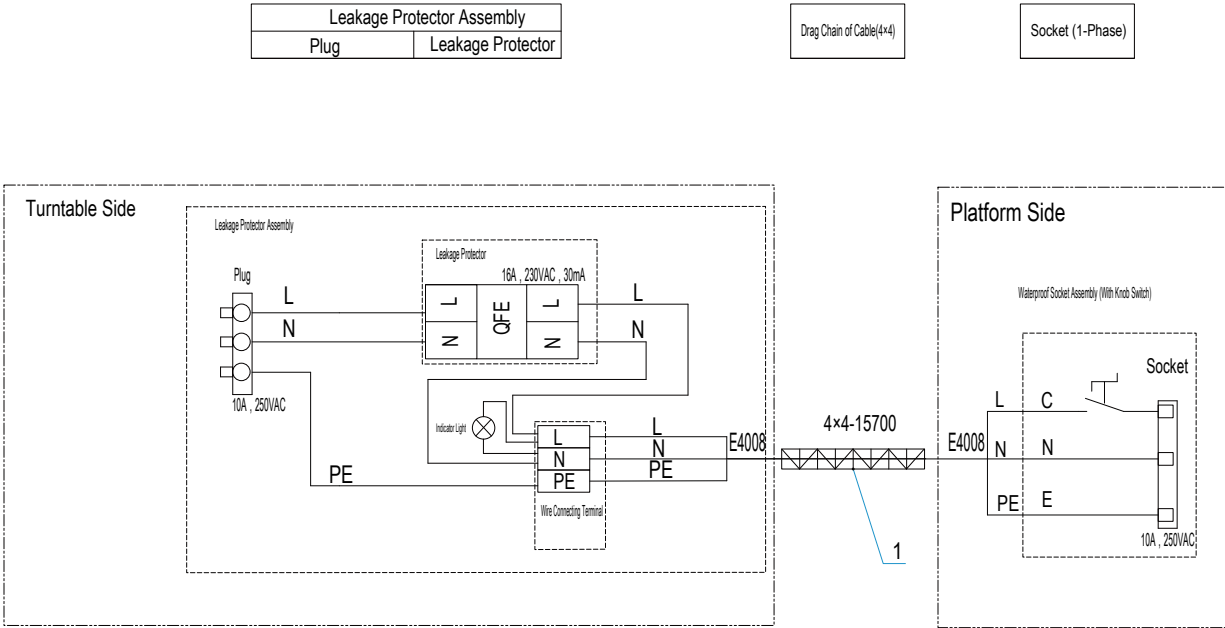
No.	Part No.	Qty.	Description
1	203080000278	1	Waterproof socket(EN)(Type E+F, European)
2	105074063062	1	American standard socket assembly(Type B, the United States and South America)
2a	203080000472	1	American standard socket assembly
2b	203080003824	3	Terminal
2c	105050040001	1	Plate, grooved
3	203080000249	1	Waterproof socket(Type I, New Zealand)
4	203080004216	1	Socket, waterproof(Type G, UK, Hongkong/Macau and Malaysia)
5	203080004220	1	Socket, waterproof(Type M, South Africa and India)
6	203080004219	1	Socket, waterproof(Type H, Israel)
7	203080004218	1	Socket, waterproof(Type N, Brazil)
8	203080004241	1	Socket, waterproof(Type I, China specs)
9	203080004376	1	Socket, waterproof(Type L, Chile, Italy)
10	203080000057	1	Waterproof socket(Type 277+1193, UK)

9.1.5 AC POWER ELECTRICAL COMPONENTS INSTALLATION (AUSTRALIA)



No.	Part No.	Qty.	Description
1	215040000031	4	Washer 4-A2 GB/T 97.1
2	215040000002	12	Washer 4-A2-70 GB/T 93
3	215020000106	8	Screw M4×16-A2-70 GB/T 818
4	203070003103	1	ASSY, protector (leakage)
5	215030000002	4	Nut M4-8-A2-70 GB/T 6170
6	203080004318	1	Socket, waterproof (with knob switch)

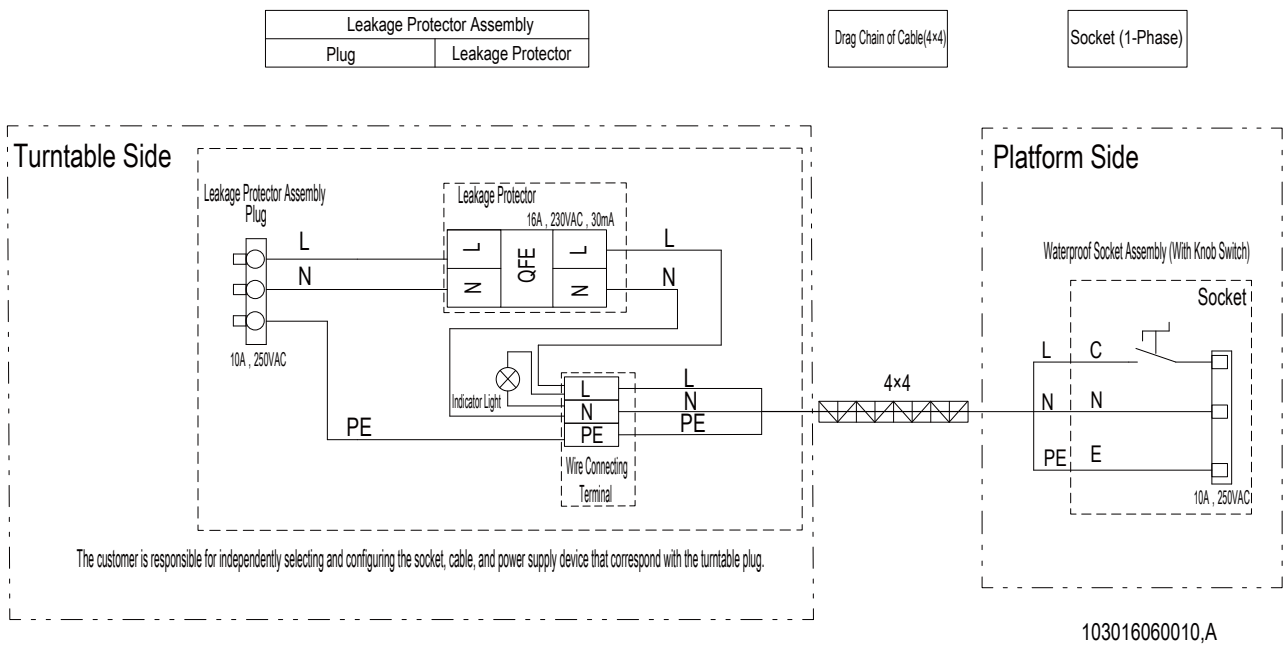
9.1.6 ELECTRICAL SCHEMATIC DIAGRAM OF AC POWER
(PN.103010063241, AUSTRALIA)



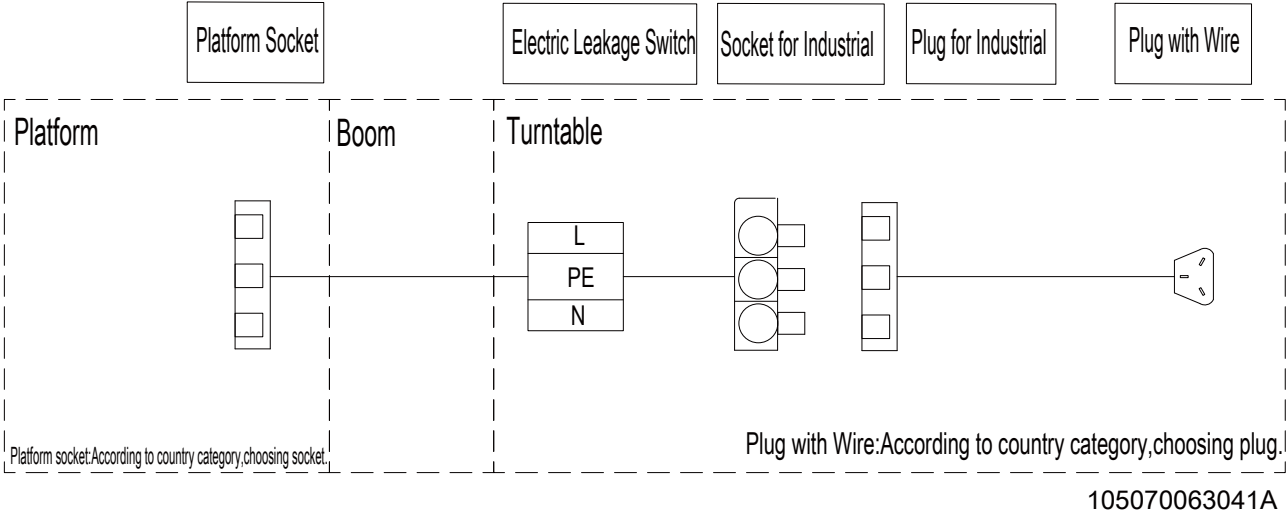
No.	Part No.	Qty.	Description
	103010063241	1	ELEC harness DIAG, AC supply (Australia)
1	203230003640	1	Cable, drag chain

9.1.7 ELECTRICAL SCHEMATIC DIAGRAM OF AC POWER (AUSTRALIA)

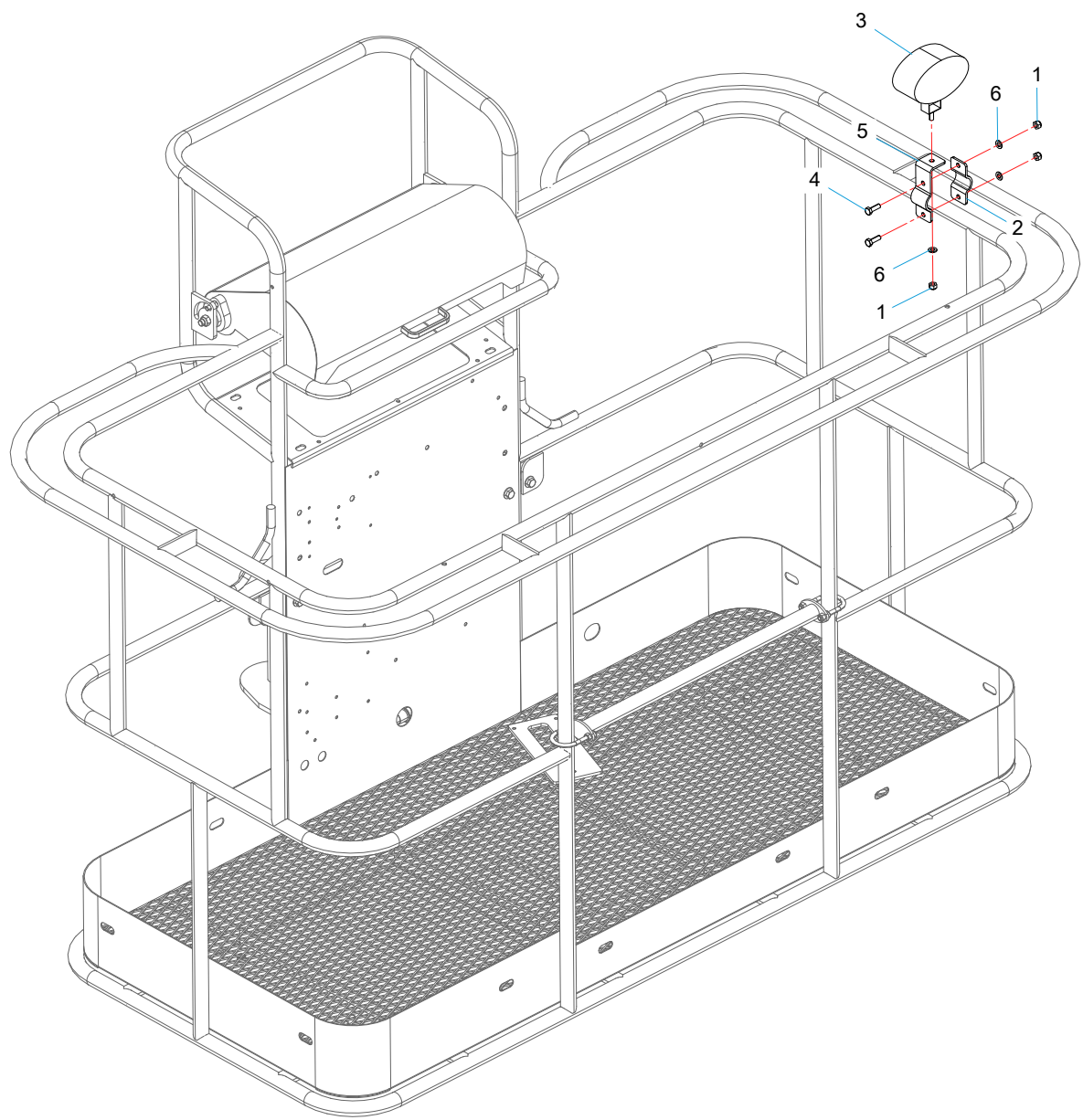
Electrical Schematic Diagram of AC Power (Australia)



9.1.8 ELECTRICAL SCHEMATIC DIAGRAM OF AC POWER



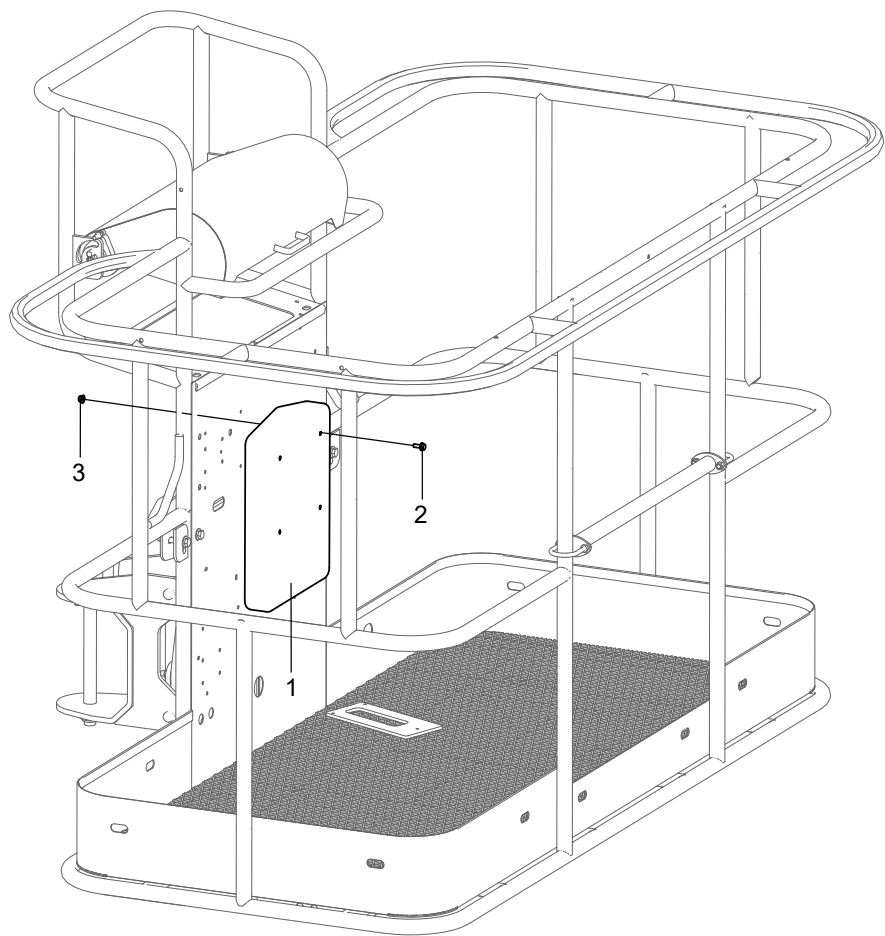
9.1 WORKLIGHT INSTALLATION



No.	Part No.	Qty.	Description
	105017060065	1	Worklight installation
1	215030000026	3	Nut M8-8-ZnD GB/T889.1
2	105017060067	1	Plate
3	203050000059	1	Lamp,illuminating
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)

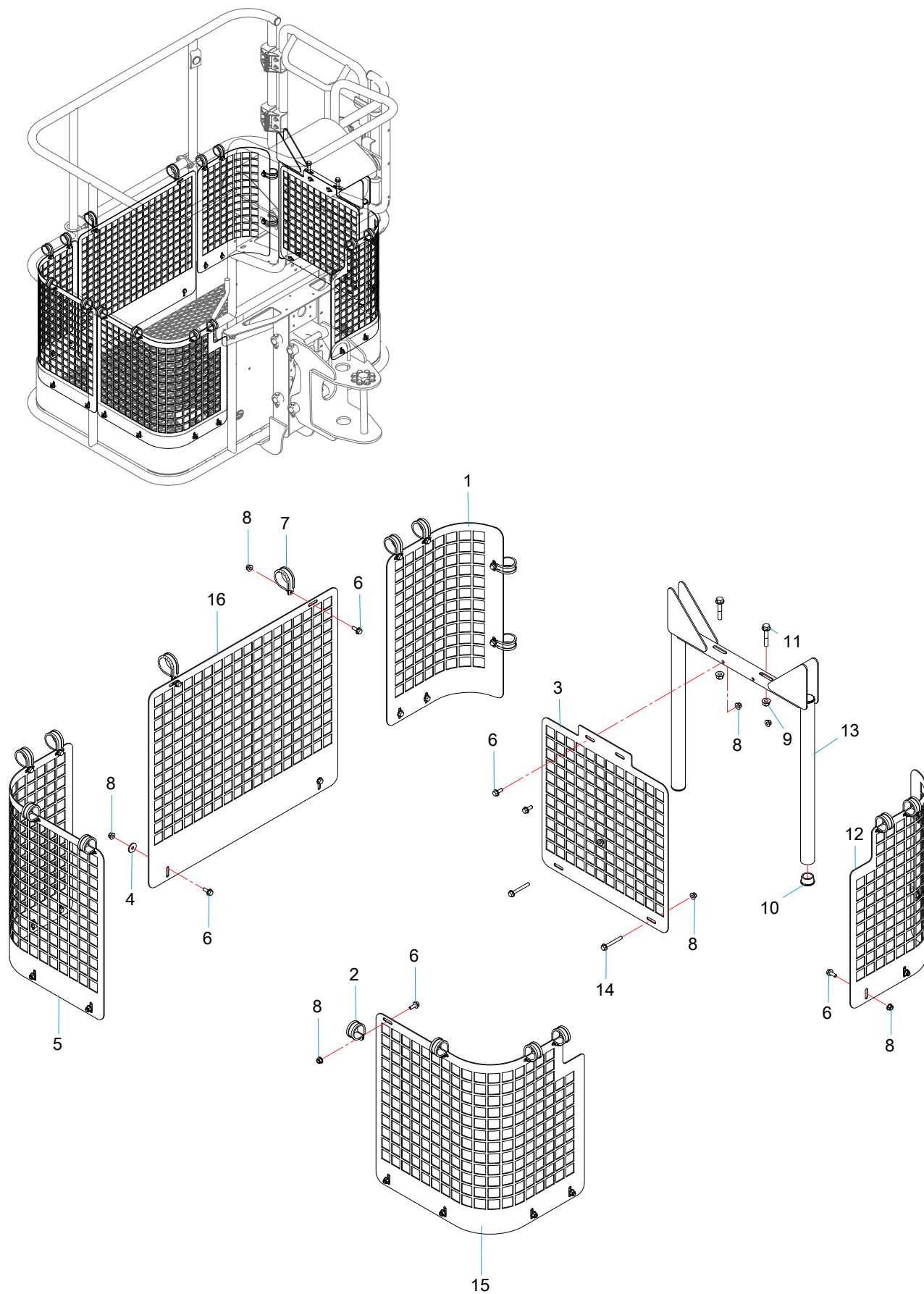
No.	Part No.	Qty.	Description
9	203080000021	1	Lock(Not shown)
10	203080000011	1	Sheath(Not shown)

9.2 MANUAL STORAGE CONTAINER INSTALLATION



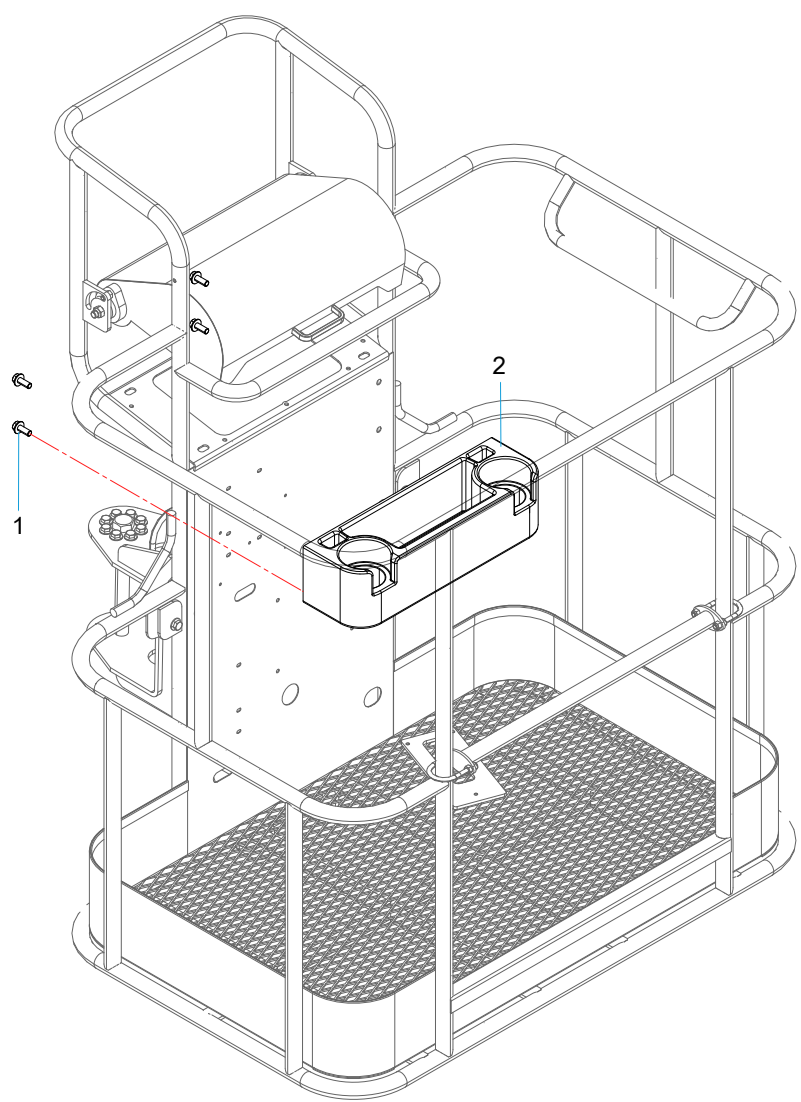
No.	Part No.	Qty.	Description
1	216070000001	1	Manual storage container
2	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
3	215030000107	4	Nut M6-8-ZnD GB/T 6183.1

9.3 INST, PLF MESH (HALF-H, 1.15 SWING GATE)



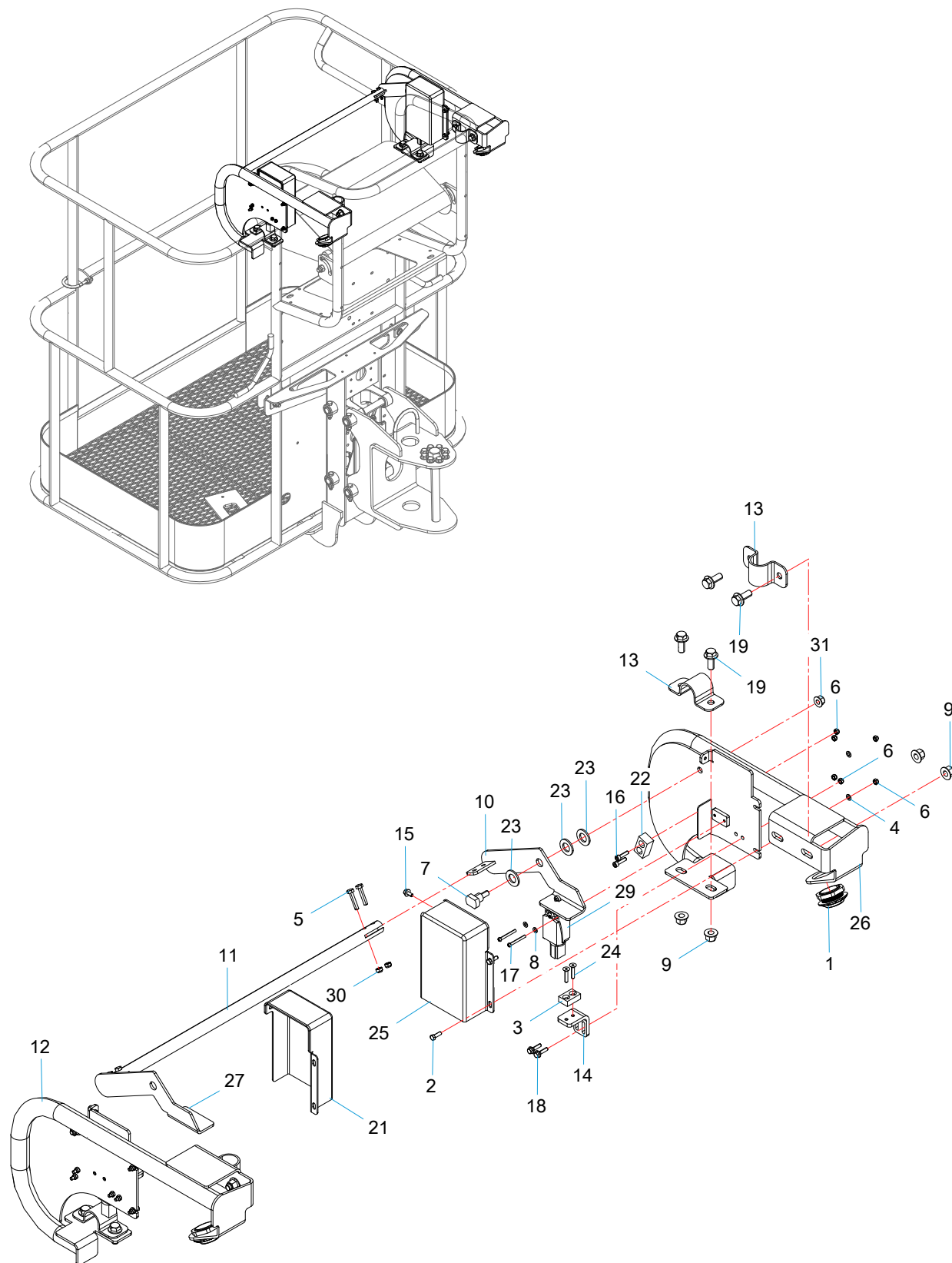
No.	Part No.	Qty.	Description
1	103010043330	1	Mesh I
2	201051063041	16	Clamp
3	103010043334	1	Mesh, lower (side)
4	215040000129	2	Washer 6-100HV-ZnD GB/T 5287
5	103010043333	1	Mesh IV
6	215010000230	34	Bolt M6×16-8.8-ZnD GB/T 5789
7	216020003014	2	Retaining ring
8	215030000107	36	Nut M6-8-ZnD GB/T 6183.1
9	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
10	105064043177	4	Tube cap
11	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
12	103010043338	1	Mesh II
13	103010043332	1	Frame WELD, gate (lower)
14	215010000283	2	Bolt M6×50-8.8-ZnD GB/T 5789
15	103010043328	1	Mesh III
16	103010043336	1	Mesh V

9.4 TOOL BOX INSTALLATION



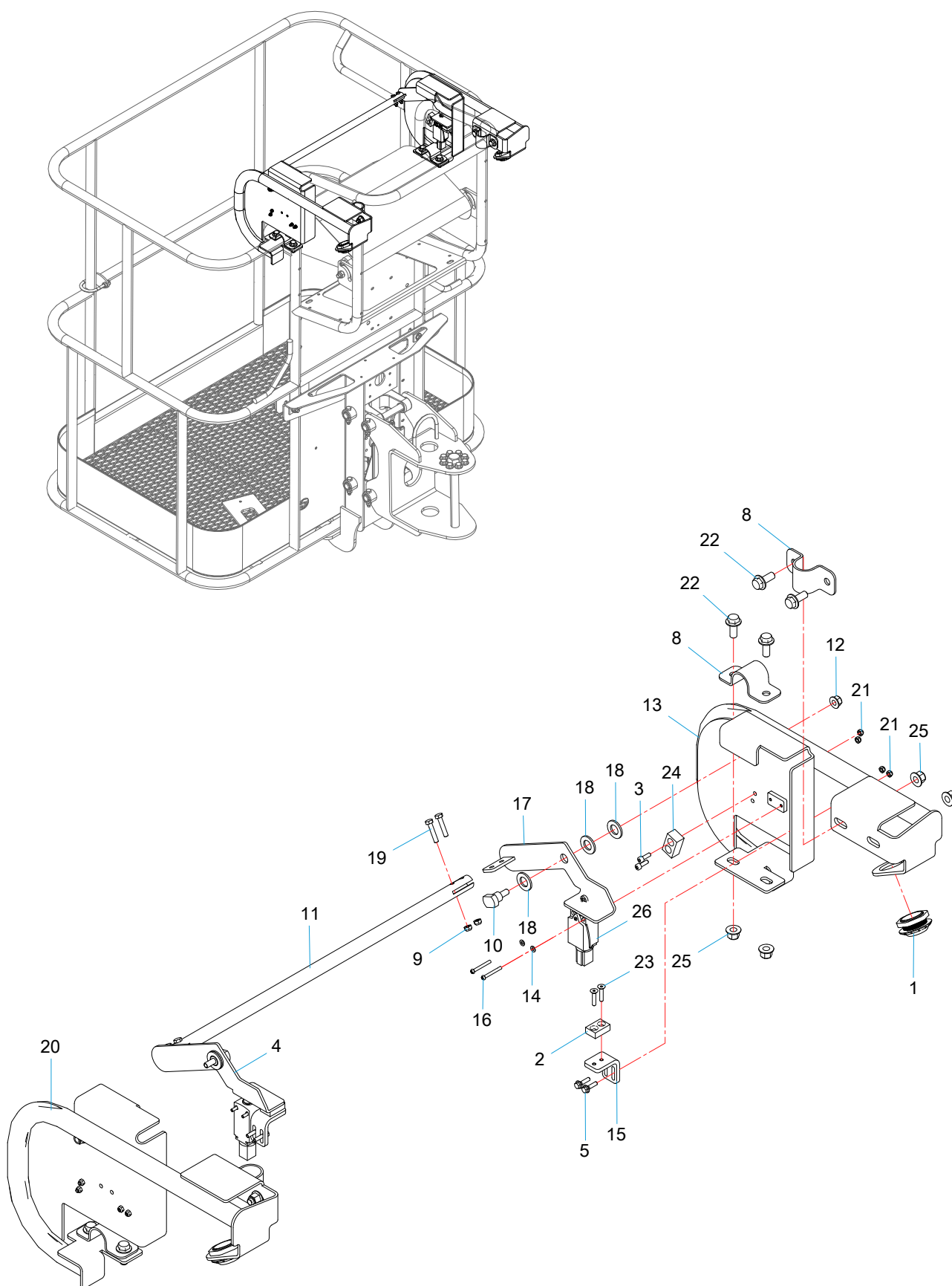
No.	Part No.	Qty.	Description
1	215010000267	4	Bolt M10×25-10.9-DKL GB/T 5789
2	103010043261	1	Tool box

9.5 SECONDARY GUARDING INSTALLATION



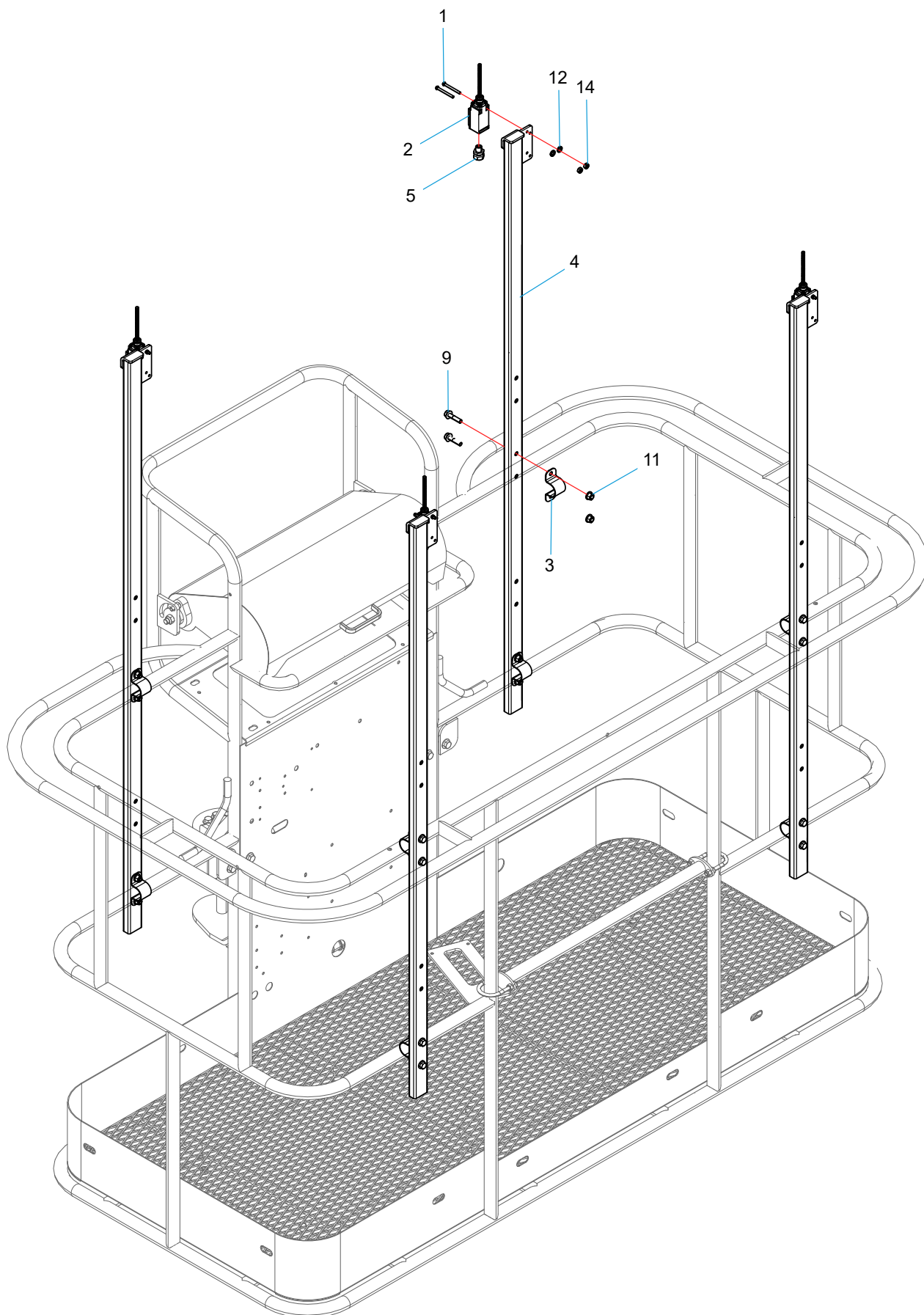
No.	Part No.	Qty.	Description
1	103007063029		Beacon light option
1-1	203050003058	2	Light, warning (strobe)(Amber)
1-2	203050003065	2	Beacon light (Blue)(Blue)
2	215010000042	4	Bolt M5×16-A2-70 GB/T 5783
3	209990003011	2	Magnet
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	215010000053	4	Bolt M6×30-A2-70 GB/T 5783
6	215030000091	12	Nut M5-A2-70 GB/T 6184
7	114015013217	2	Bolt
8	215040000031	4	Washer 4-A2 GB/T 97.1
9	215030000109	8	Nut M10-8-ZnD GB/T 6183.1
10	114015013250	1	Plate, bending left
11	103010043275	1	Round rod
12	114015040008	1	Bracket
13	114015040004	4	Plate
14	105070043028	2	Plate, folded
15	215010000353	2	Bolt M5×10-8.8-ZnD GB/T 5789
16	215020000008	4	Screw M5×20-A2-70 GB/T 70.1
17	215020000212	4	Screw M4×35-A2-70 GB/T 818
18	215010000256	4	Bolt M5×20-8.8-ZnD GB/T 5789
19	215010000238	8	Bolt M10×25-8.8-ZnD GB/T 5789
20	105078063082	1	Anti-pinch Electrical schematic(Not shown)
21	114015040007	1	Cover
22	103010013495	2	Pad
23	215040000123	6	Washer 14-100HV-ZnD GB/T 95
24	215020000321	4	Screw M5×25-A2-70 GB/T 70.3
25	114015040011	1	Cover
26	114015040009	1	Bracket
27	114015013248	1	Plate, bending right
28	105078063081	1	Harness, anti-pinch device(Not shown)
29	203060003031	2	Switch, travel(Schneider)
30	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
31	215030000108	2	Nut M8-8-ZnD GB/T 6183.1

9.6 SECONDARY GUARDING INSTALLATION (STANDARD)



No.	Part No.	Qty.	Description
1	103007063029		Beacon light option
1-1	203050003058	2	Light, warning (strobe)(Amber)
1-2	203050003065	2	Beacon light (Blue)(Blue)
2	209990003011	2	Magnet
3	215020000007	4	Screw M5×16-A2-70 GB/T 70.1
4	114015013248	1	Plate, bending right
5	215010000256	4	Bolt M5×20-8.8-ZnD GB/T 5789
6	103010063086	1	Anti-pinch harness
7	105078063082	1	Anti-pinch Electrical schematic
8	114015040004	4	Plate
9	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
10	114015013217	2	Bolt
11	103010043275	1	Round rod
12	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
13	114015013254	1	bracket
14	215040000031	4	Washer 4-A2 GB/T 97.1
15	105070043028	2	Plate, folded
16	215020000212	4	Screw M4×35-A2-70 GB/T 818
17	114015013250	1	Plate, bending left
18	215040000123	6	Washer 14-100HV-ZnD GB/T 95
19	215010000053	4	Bolt M6×30-A2-70 GB/T 5783
20	114015013253	1	bracket
21	215030000091	8	Nut M5-A2-70 GB/T 6184
22	215010000238	8	Bolt M10×25-8.8-ZnD GB/T 5789
23	215020000321	4	Screw M5×25-A2-70 GB/T 70.3
24	103010013495	2	Pad
25	215030000109	8	Nut M10-8-ZnD GB/T 6183.1
26	203060003031	2	Switch, travel(Schneider)

9.7 OVERHEAD PROTECTION INSTALLATION



No.	Part No.	Qty.	Description
	105017060062	1	Limit device installation
1	215020000213	8	Screw M4×40-A2-70 GB/T 818
2	203060000056	4	Travel switch
3	103011043003	8	Plate
4	105064043216	4	Height Limit Pole
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)

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

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

PARTNERS IN ACCESS



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