

Manual No: 503010120002

REV: A

April 2023

Translated version

Parts Manual

AB10ERJN/AB320ERJN



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 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 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.cn 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

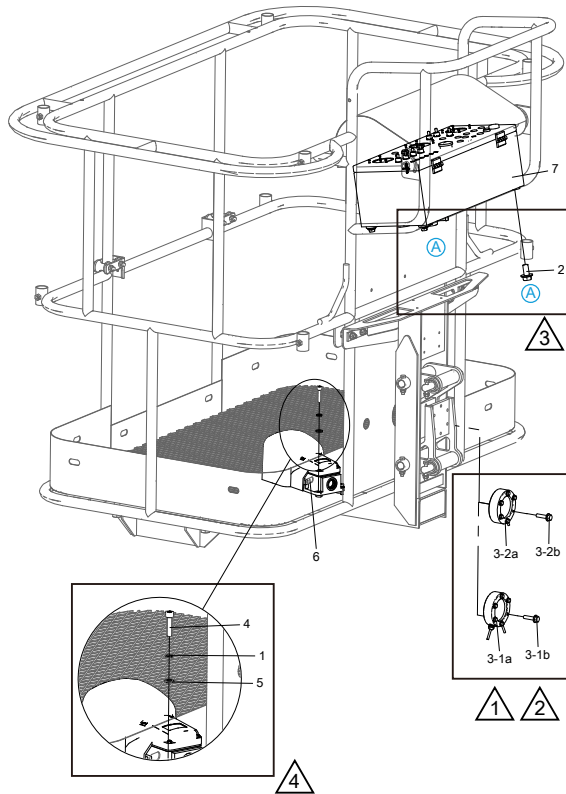
The manual is applicable to machines with the following models and serial numbers:

Model	Metric Trade ID	Imperial Trade ID	Serial No.
AB10ERJN	AB10ERJN	AB320ERJN	0301000100 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 is indicated on the nameplate for distinction of products with different main 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



序号	编号	数量	说明
1	215040000004	3	垫圈 6-A2-70 GB/T 93
2	215010000237	4	螺栓 M10×20-8.8-ZnD GB/T 5789
3	103006060034		称重传感器选配
3-1	103006060026	1	双通道称重传感器
3-1a	203150000070	1	称重传感器
3-1b	215010000232	6	螺栓 M6×25-8.8-ZnD GB/T 5789
3-2	103006060029	1	单通道称重传感器
3-2a	203150000069	1	称重传感器
3-2b	215010000232	6	螺栓 M6×25-8.8-ZnD GB/T 5789
4	215020000013	3	螺钉 M6×25-A2-70 GB/T 70.1
5	215040000033	3	垫圈 6-A2 GB/T 97.1
6	203060000009	1	重载荷脚踏开关
6	105002040001	1	平台控制箱总成

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.

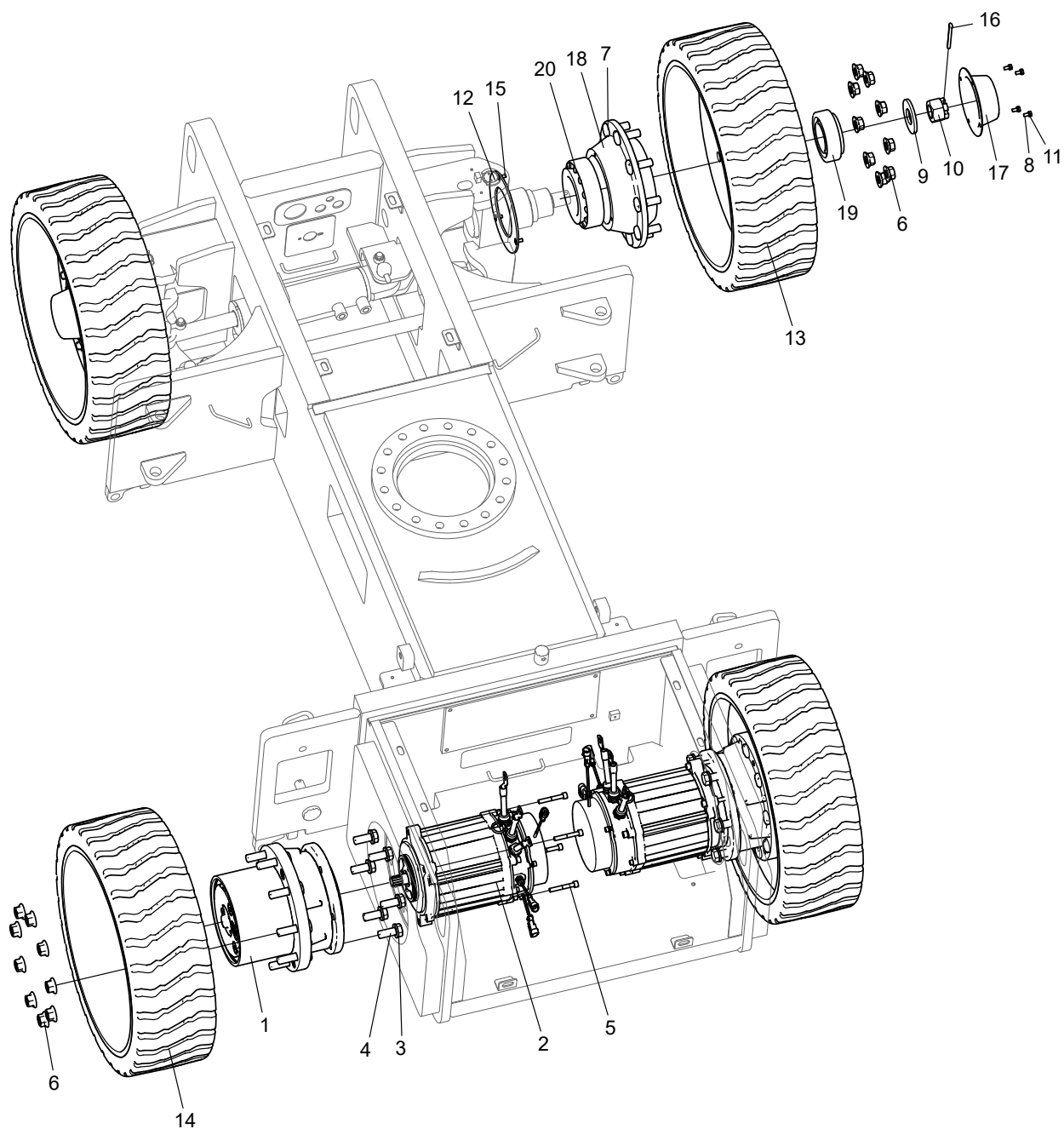
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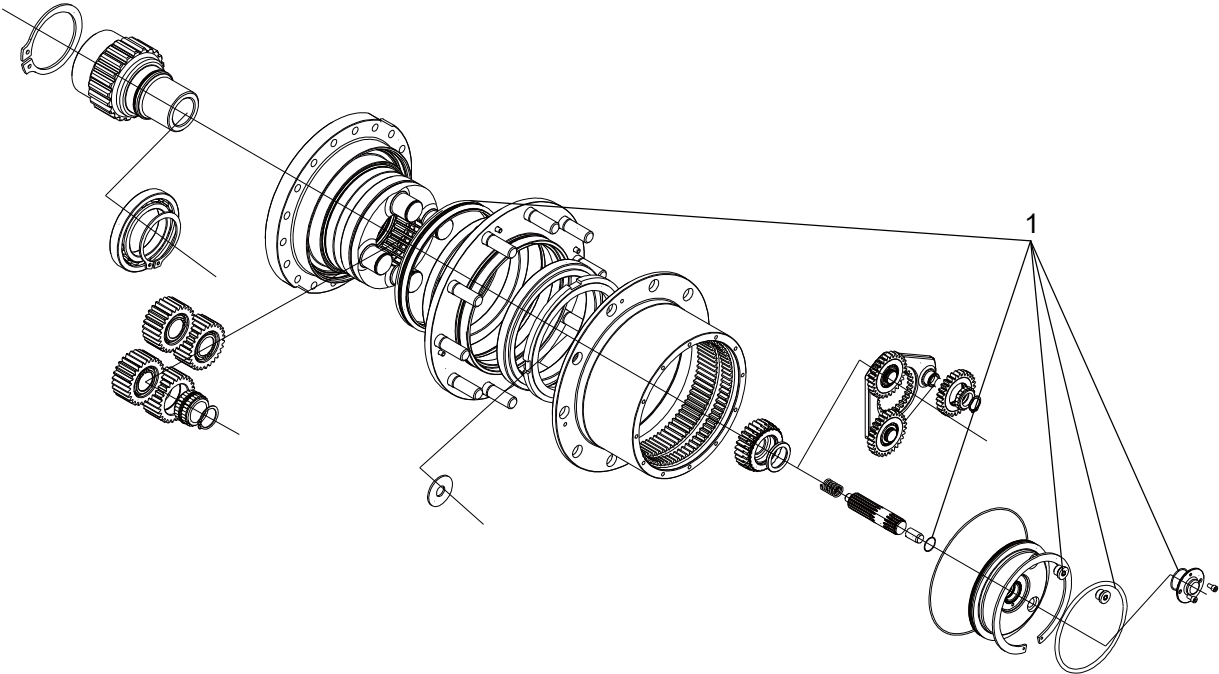
1 CHASSIS ASSEMBLY

1.1 DRIVE INSTALLATION



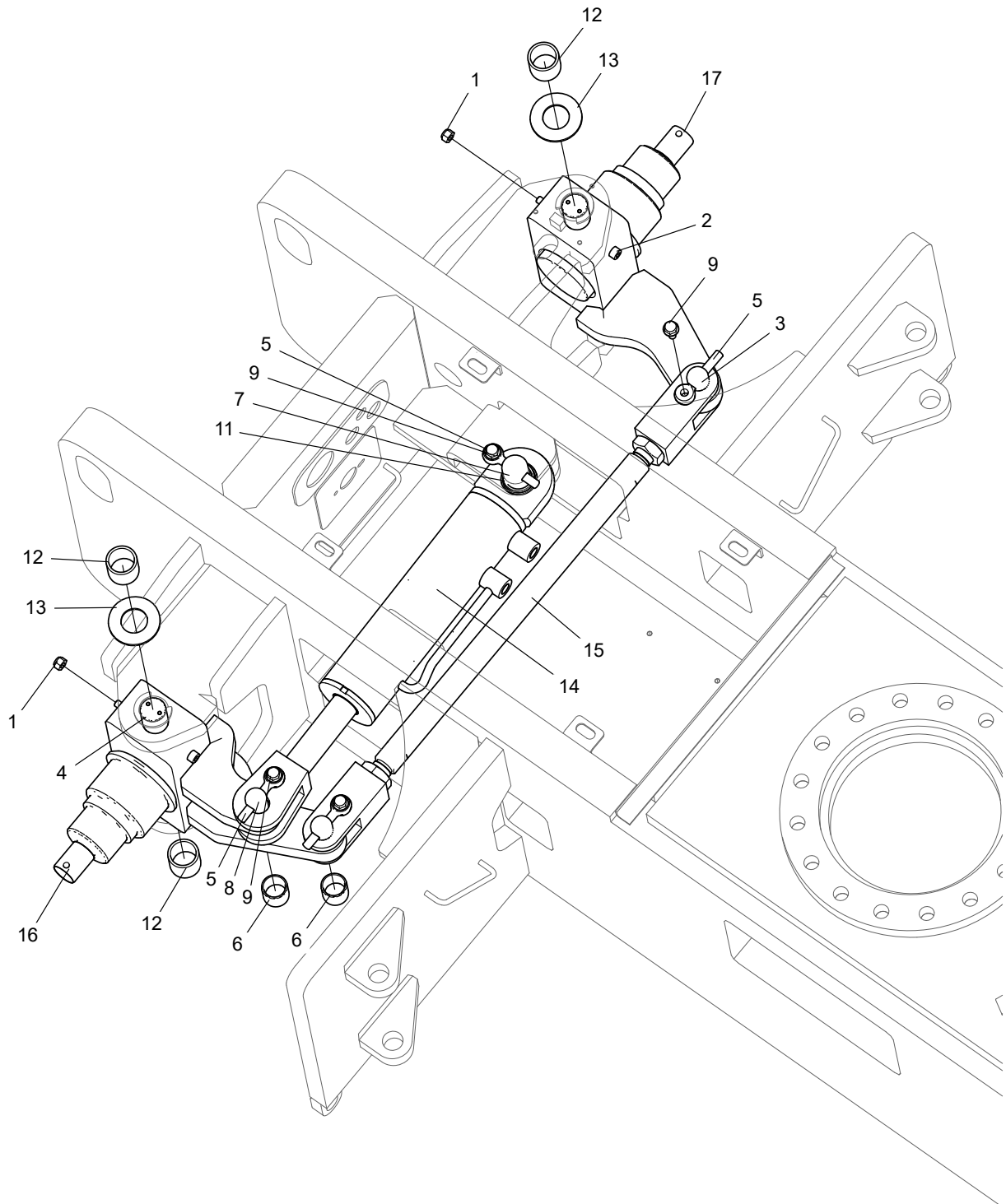
No.	Part No.	Qty.	Description
1	204020003019	2	Drive reducer
2	203010003057	2	Travel motor
3	215040000039	12	Washer 16-200HV-ZnD GB/T 97.1
4	215010000111	12	Bolt M16×40-10.9-DKL GB/T 5783
5	215020000036	8	Screw M8×55-10.9-DKL GB/T 70.1
6	215030000063	36	Nut M16×1.5-10-DKL DTF 6177.2
7	105001030059	18	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	Dust cover
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)



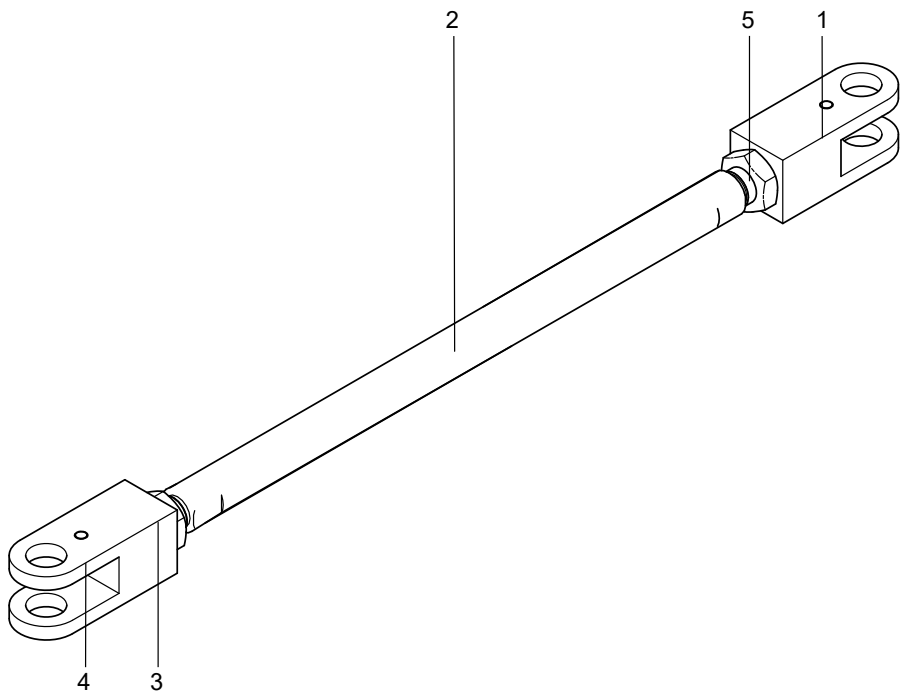
No.	Part No.	Qty.	Description
1	207040003136	1	Seal kit

1.3 STEER INSTALLATION



No.	Part No.	Qty.	Description
1	215030000026	4	Nut M8-8-ZnD GB/T889.1
2	215020000239	4	Screw M8×110-8.8-ZnD GB/T 70.1
3	104009030049	2	Pin XGΦ25-65[Z]
4	103010033121	2	Pin XGΦ30-285
5	101012010044	4	Keeper pin
6	214030000035	3	Bearing, self-lubricating
7	103010033147	1	Pin XGΦ30-80
8	103010033126	1	Pin XGΦ25-70
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	Sleeve
12	214030000006	4	Bearing, self-lubricating
13	103006030010	2	Shim
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

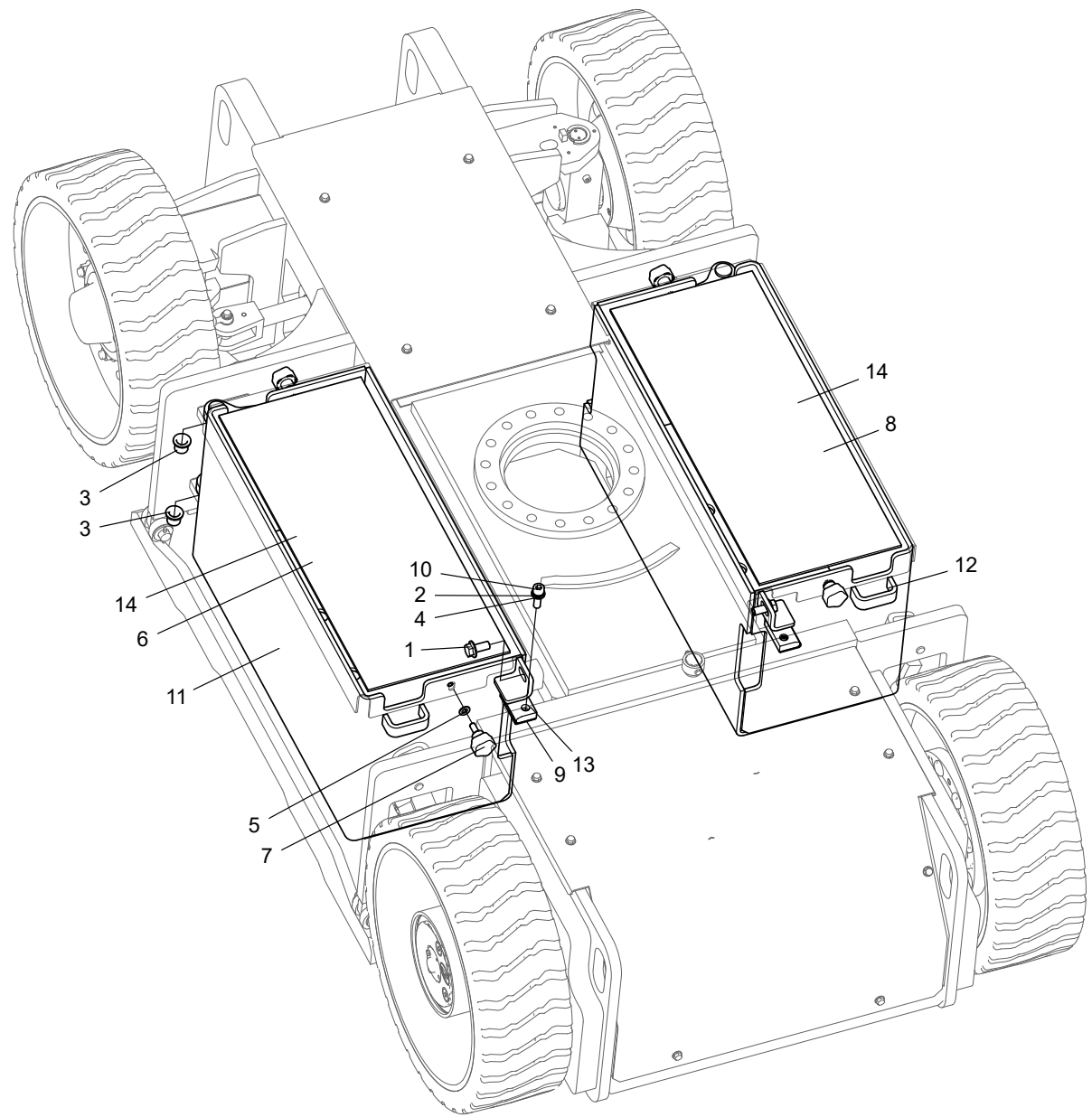


No.	Part No.	Qty.	Description
1	104009030062	1	Mounting head 2
2	103010033119	1	Connecting rod
3	215030000076	1	Nut M24×2-8-ZnD GB/T6173
4	104009030042	1	Mounting head 1
5	215030000077	1	Nut M24×2-LH-8 GB/T6173

This technical drawing is an exploded view of a mechanical assembly, likely a door hinge or latch mechanism. The main components are shown in their relative positions as they would be assembled. The central part is a large rectangular plate with a circular opening in the middle. To the left and right of this plate are two long, angled brackets (16 and 9 respectively) that serve as the main support structure. At the top of each bracket is a complex hinge assembly (11 and 10 on the left; 17 and 8 on the right). These assemblies include various pins, washers, and bushings. A central latch mechanism (3 and 6) is shown below the main plate. Numerous small fasteners, including screws (1, 2, 4, 5, 6, 7, 8, 12, 13, 14, 15, 17, 18) and pins (1, 2, 7, 8, 12, 14, 15, 17, 18), are shown in their respective assembly locations. The diagram is a line drawing with no shading, emphasizing the geometric relationships and assembly points of the parts.

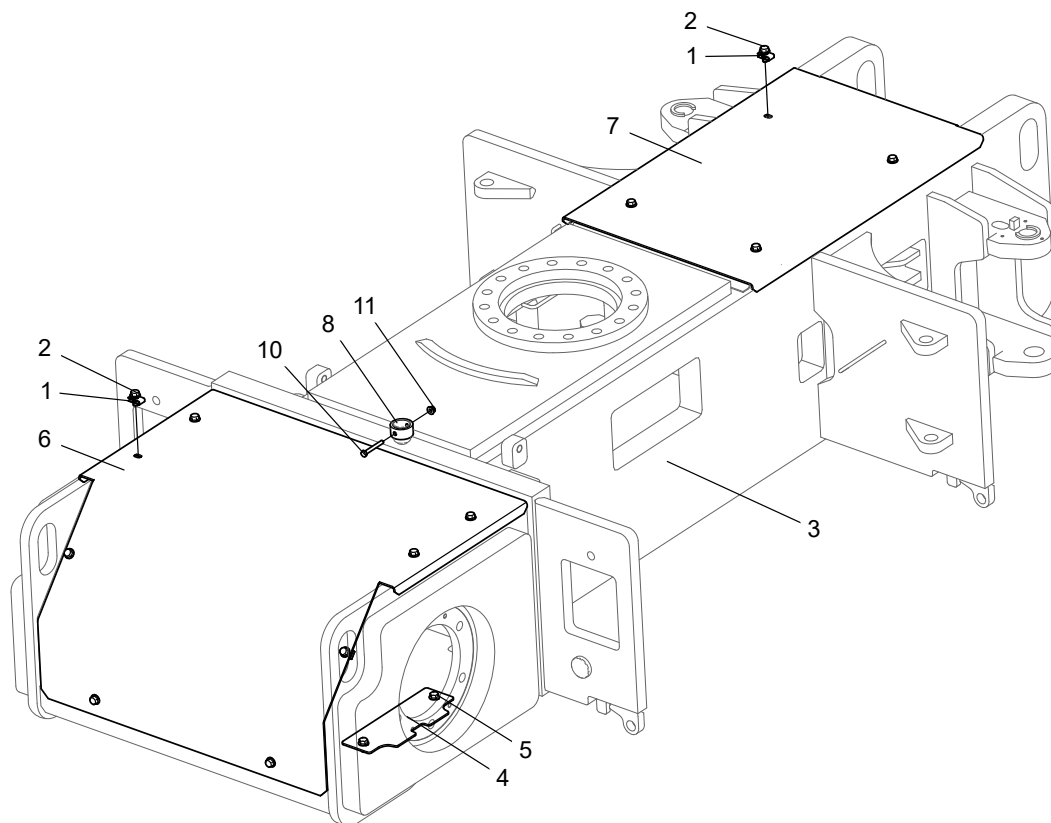
No.	Part No.	Qty.	Description
1	215040000039	6	Washer 16-200HV-ZnD GB/T 97.1
2	215040000041	6	Washer 20-200HV-ZnD GB/T 97.1
3	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
4	103010033185	2	Plate, bending
5	215010000281	6	Bolt M6×12-8.8-ZnD GB/T 5789
6	103010033176	1	Plate, bending
7	109002030062	1	Connecting 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 Φ16×83
12	214030000024	4	Bearing 20×23×16.5 SF-1F
13	109002030072	2	Cylinder, pothole guard(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	Clevis pin XJΦ20×92[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

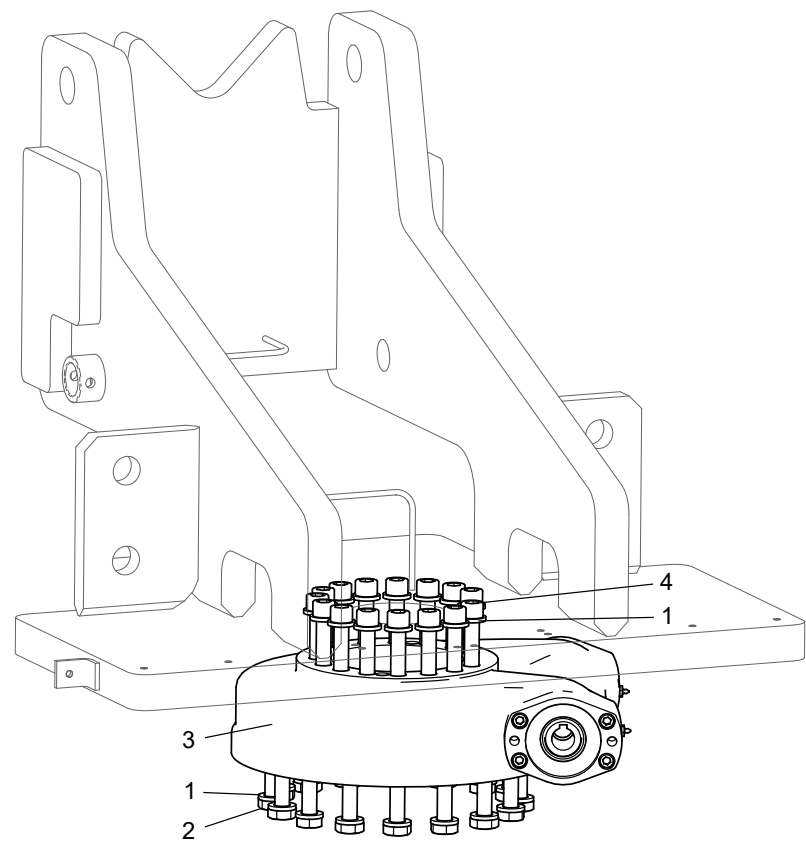
1.7 CHASSIS ACCESSORY INSTALLATION



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	Mount structure
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	103010033131	1	Rubber grommet
9	216030000009	2	Seal strip
10	215010000055	1	Bolt M6×50-A2-70 GB/T 5783
11	215030000107	1	Nut M6-8-ZnD GB/T 6183.1

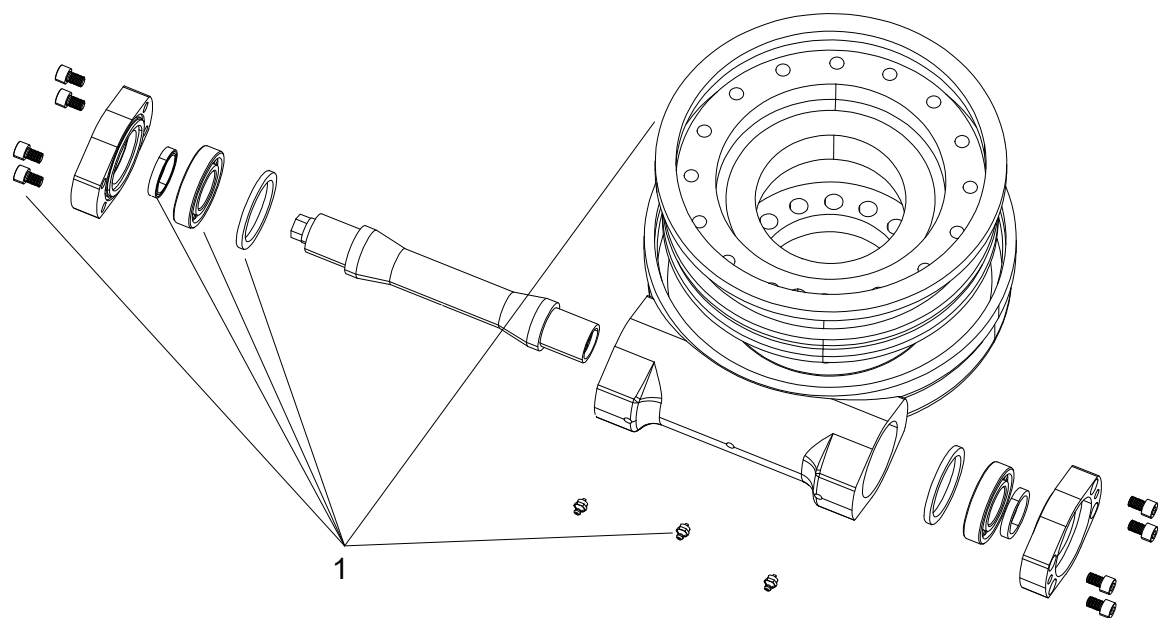
2 **TURNTABLE ASSEMBLY**

2.1 SLEWING MECHANISM



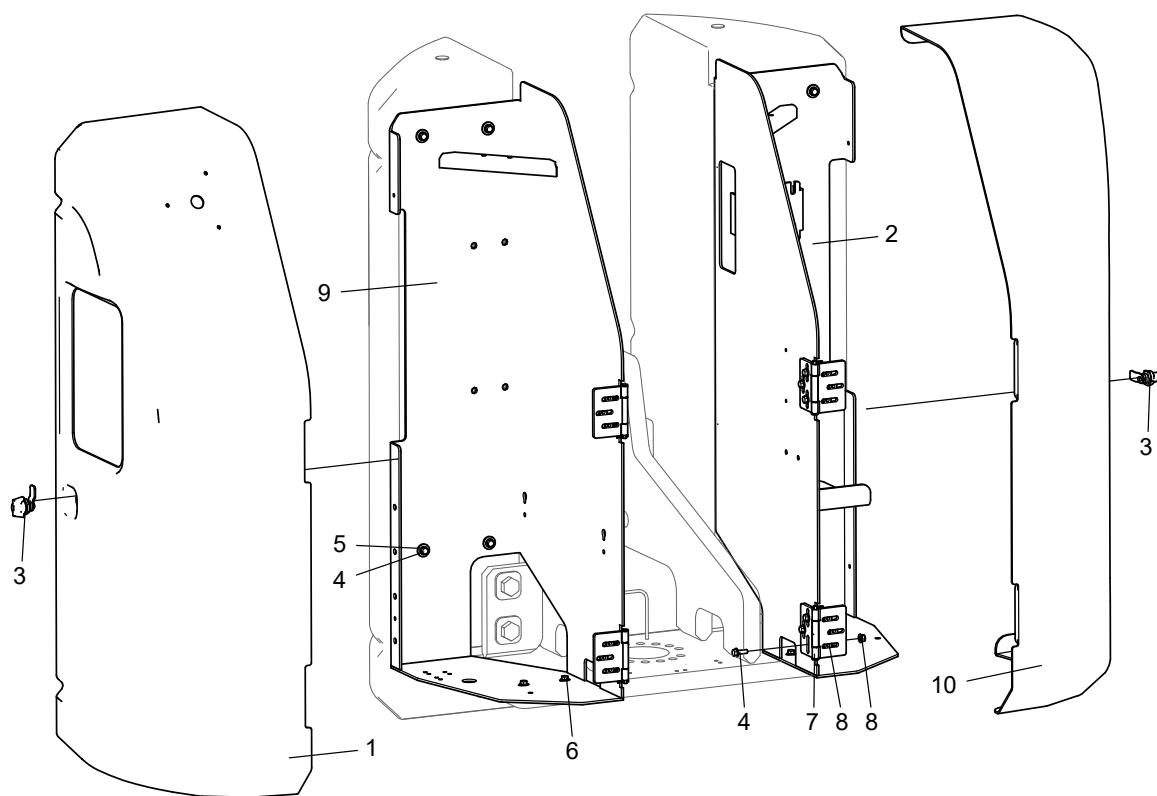
No.	Part No.	Qty.	Description
1	215040000052	31	Washer 16-DKL GB/T 1230
2	215010000151	16	Bolt M16×80-10.9-DKL GB/T 1228
3	204020003035	1	Slewing reducer
4	215020000292	15	Screw M16×115-10.9-DKL GB/T 70.1

2.2 SLEWING REDUCER (PN.204020003035)



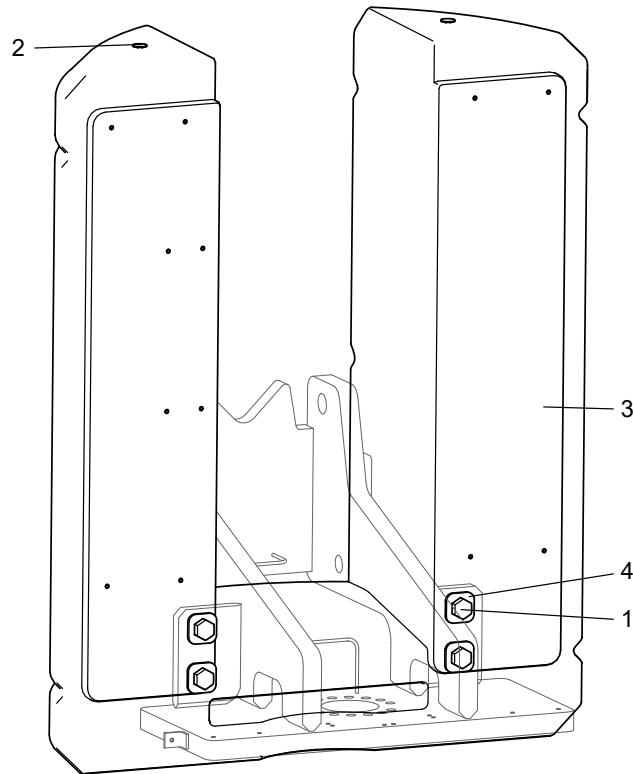
No.	Part No.	Qty.	Description
1	204120003009	1	Seal kit, slewing reducer

2.3 TURNTABLE COVER INSTALLATION



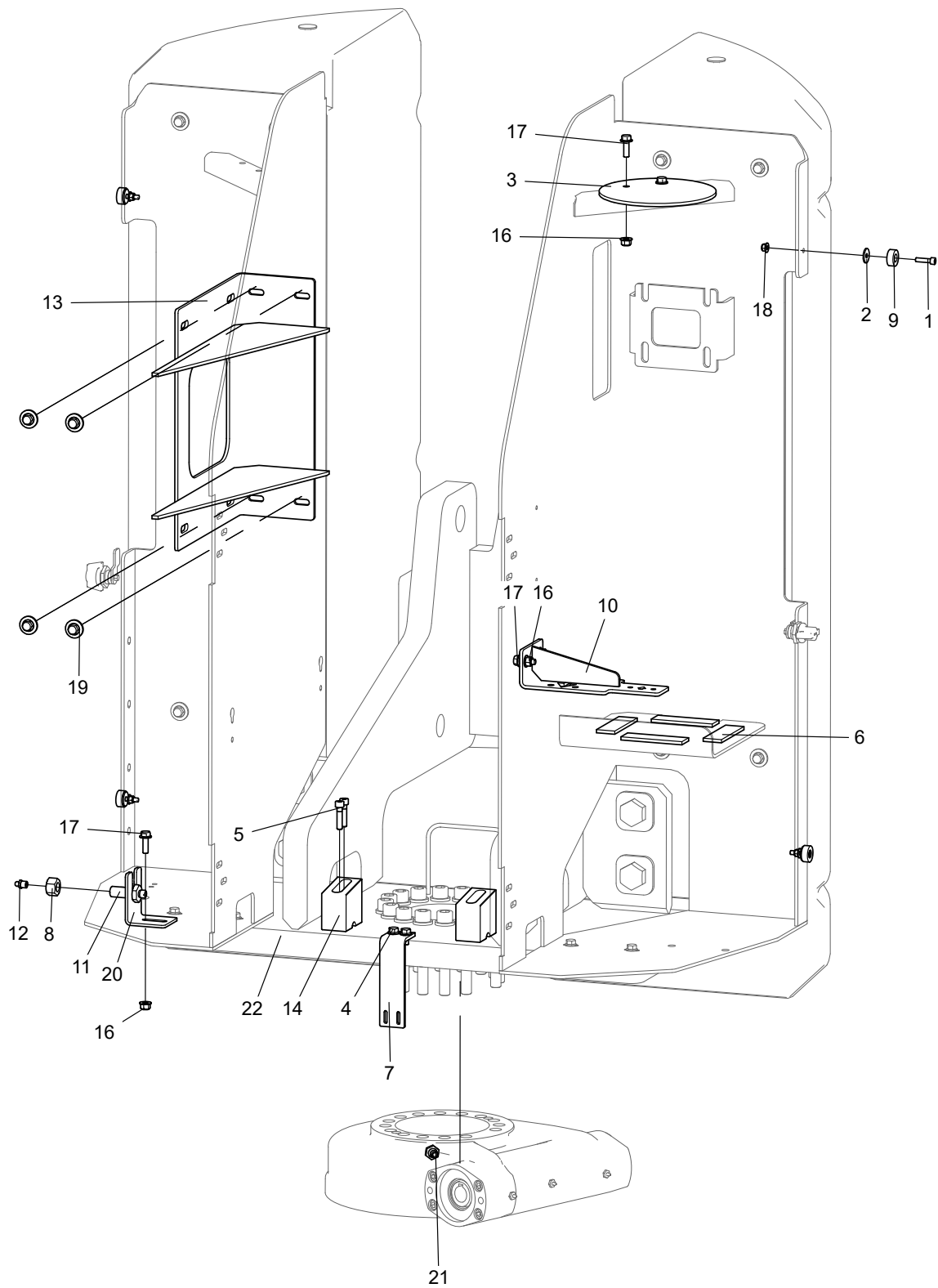
No.	Part No.	Qty.	Description
1	103010023040	1	Left turntable cover
2	103010023026	1	Right turntable cover installation
3	209050000011	2	Door latch, swing tongue
4	215010000235	20	Bolt M8×25-8.8-ZnD GB/T 5789
5	215040000103	8	Washer 8-100HV-ZnD GB/T 5287
6	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
7	105001020118	4	Hinge
8	215030000108	24	Nut M8-8-ZnD GB/T 6183.1
9	103010023021	1	Turntable cover installation
10	103010023041	1	Turntable cover, right

2.4 COUNTERWEIGHT INSTALLATION



No.	Part No.	Qty.	Description
1	215010000030	4	Bolt M24×90-8.8-ZnD GB/T 5782
2	213060003001	2	Choke plug
3	103010023043	1	Counterweight
4	105001020138	4	Pad

2.5 TURNTABLE ACCESSORY INSTALLATION

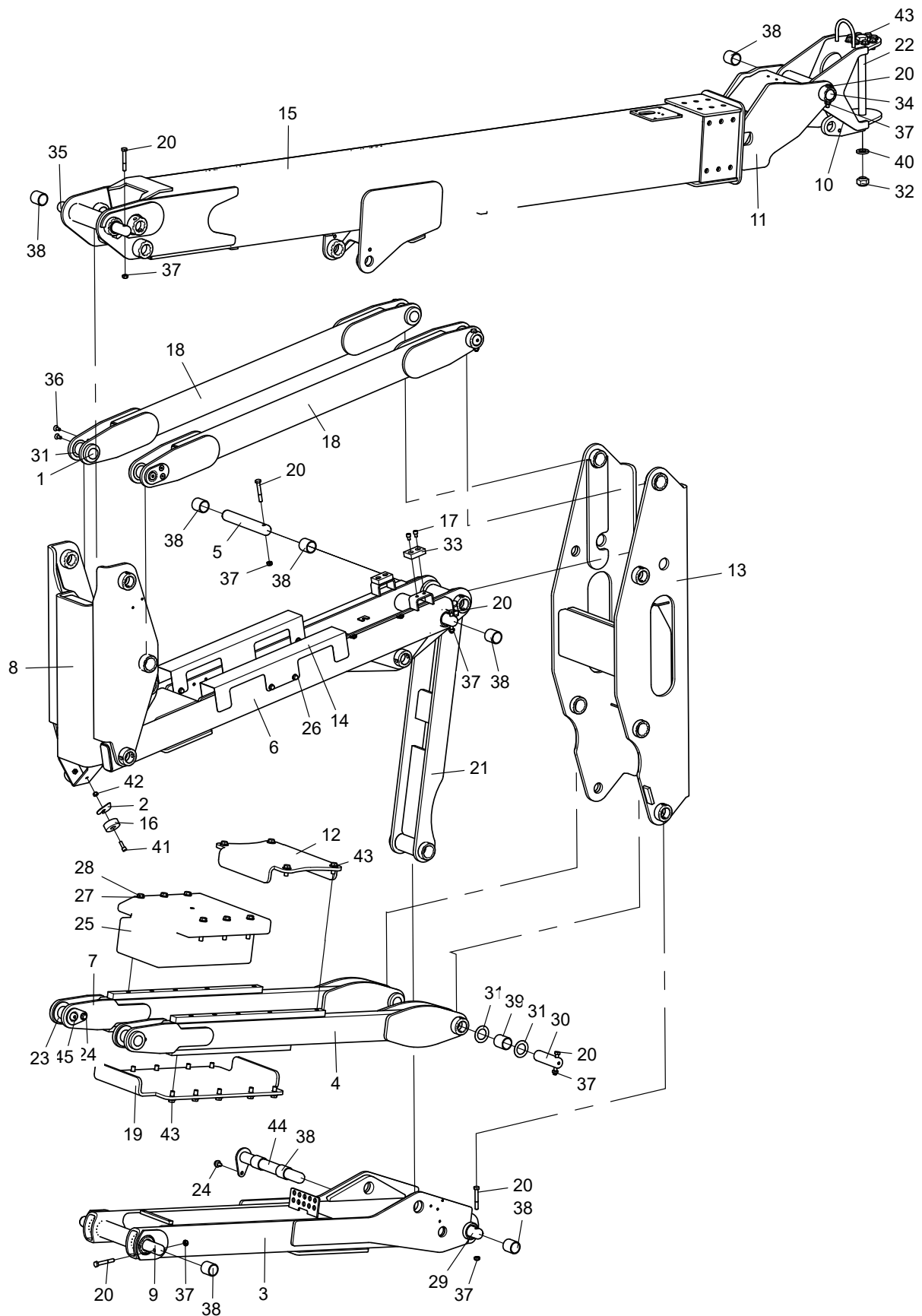


No.	Part No.	Qty.	Description
1	215020000013	4	Screw M6×25-A2-70 GB/T 70.1
2	215040000129	4	Washer 6-100HV-ZnD GB/T 5287
3	103010023055	1	PLATE
4	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
5	215020000026	4	Screw M8×35-8.8-ZnD GB/T 70.1
6	207070000004	4	Seal, self-adhesive
7	103010023042	1	plate
8	215030000010	1	Nut M16-8-ZnD GB/T 6170
9	109001020019	4	Gasket, rubber
10	103010023048	1	plate
11	105001020225	1	Fitting
12	207010000003	1	Grease nipple M10×1 GB/T 1152
13	103010023050	1	Bracket, ground controller
14	103010023023	2	Nylon block
15	213050000088	1	Hose
16	215030000108	5	Nut M8-8-ZnD GB/T 6183.1
17	215010000235	9	Bolt M8×25-8.8-ZnD GB/T 5789
18	215030000107	4	Nut M6-8-ZnD GB/T 6183.1
19	215040000103	4	Washer 8-100HV-ZnD GB/T 5287
20	105001020226	1	Plate
21	213010000060	1	Fitting
22	103010023005	1	Turntable weldment

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3 BOOM ASSEMBLY

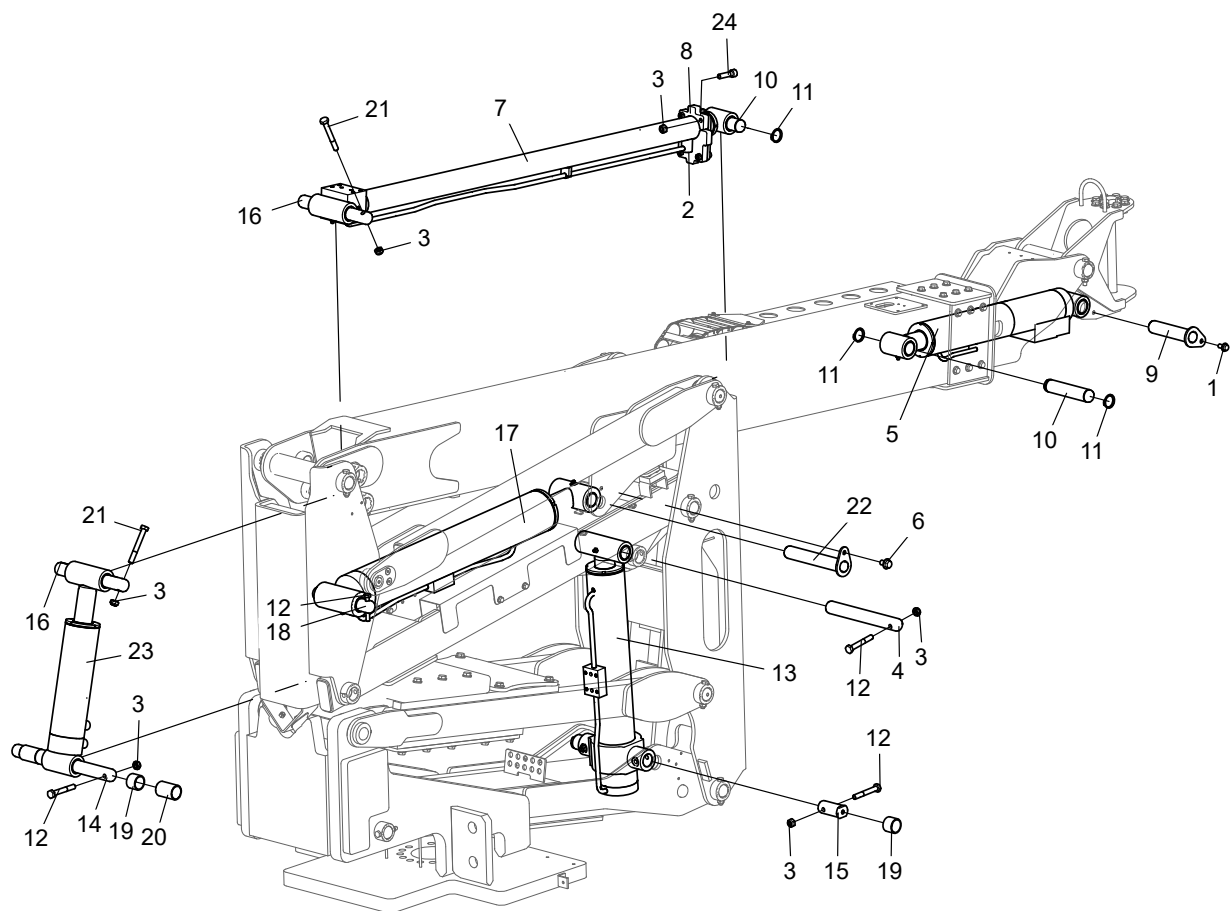
3.1 BOOM INSTALLATION



No.	Part No.	Qty.	Description
1	103010013461	2	Pin assembly $\Phi 35-90$
2	103010023054	2	Plate
3	103010013396	1	Articulating boom, lower
4	103010013398	1	Link, lower
5	103010013455	1	Clevis pin XJ $\Phi 35-225$
6	103010013351	1	Tower boom, upper
7	103010013354	1	Link, lower
8	103010013352	1	Upright, upper
9	103010013210	1	pin XG $\Phi 35-418$
10	103010013162	1	Connector
11	103010013367	1	Telescopic boom
12	103010013463	1	Plate
13	103010013492	1	Upright, lower
14	103010013468	2	Mounting hood
15	103010013347	1	Main boom
16	103010013289	2	Pad
17	215020000021	4	Screw M8 $\times$ 12-8.8-ZnD GB/T 70.1
18	103010013400	2	Link, upper
19	103010013460	1	Plate
20	215010000011	10	Bolt M10 $\times$ 70-8.8-ZnD GB/T 5782
21	103010013322	1	Tie rod
22	105026013305	1	Clevis pin XJ $\Phi 24-302$
23	103010013449	4	Plate
24	215010000245	3	Bolt M10 $\times$ 16-8.8-ZnD GB/T 5789
25	103010013446	1	Counterweight
26	215010000233	8	Bolt M8 $\times$ 12-8.8-ZnD GB/T 5789
27	215040000037	6	Washer 12-200HV-ZnD GB/T 97.1
28	215010000106	6	Bolt M12 $\times$ 70-8.8-ZnD GB/T 5783
29	103010013444	2	Pin XG $\Phi 35-400$
30	103010013458	4	Pin XG $\Phi 35-115$
31	103010013447	12	Shim
32	215030000104	1	Nut M22-8-ZnD GB/T 6184
33	103010013459	2	Pad
34	103010013223	1	pin XG $\Phi 35-300$
35	103010013456	1	Pin XG $\Phi 35-360$
36	215020000226	4	Screw M8 $\times$ 20-8.8-ZnD GB/T 70.3
37	215030000027	11	Nut M10-8-ZnD GB/T 6184

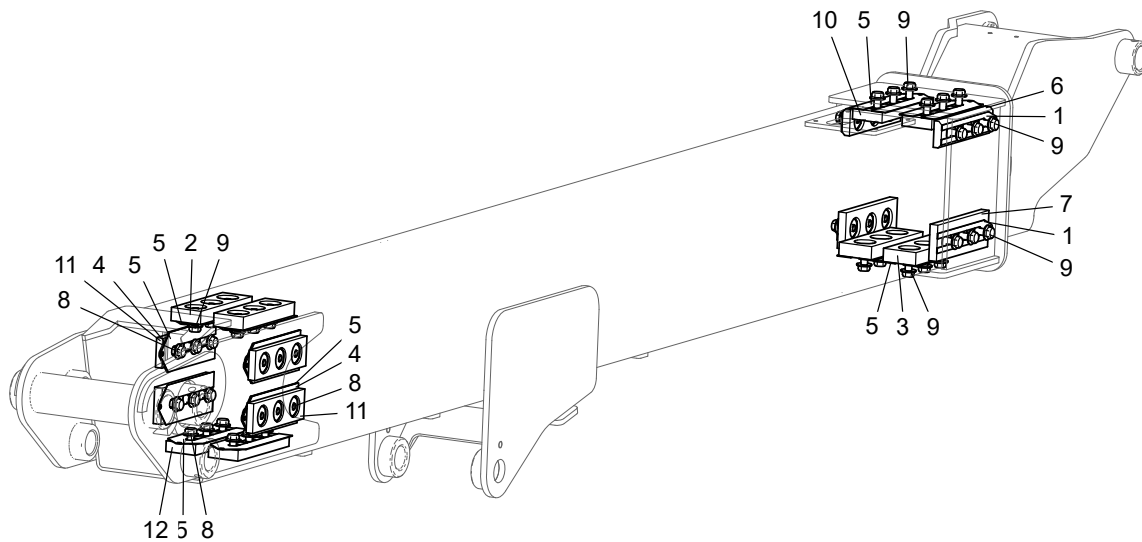
No.	Part No.	Qty.	Description
38	214030000004	16	Bearing, self-lubricating
39	214030003049	6	self-lubricating bearing
40	215040000108	1	Washer 22-DKL GB/T 1230
41	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
42	215030000026	2	Nut M8-8-ZnD GB/T889.1
43	215010000242	22	Bolt M12×25-8.8-ZnD GB/T 5789
44	103010013445	1	Pin assembly Φ35-310
45	103010013448	2	Pin assembly Φ35-90

3.2 BOOM CYLINDER INSTALLATION



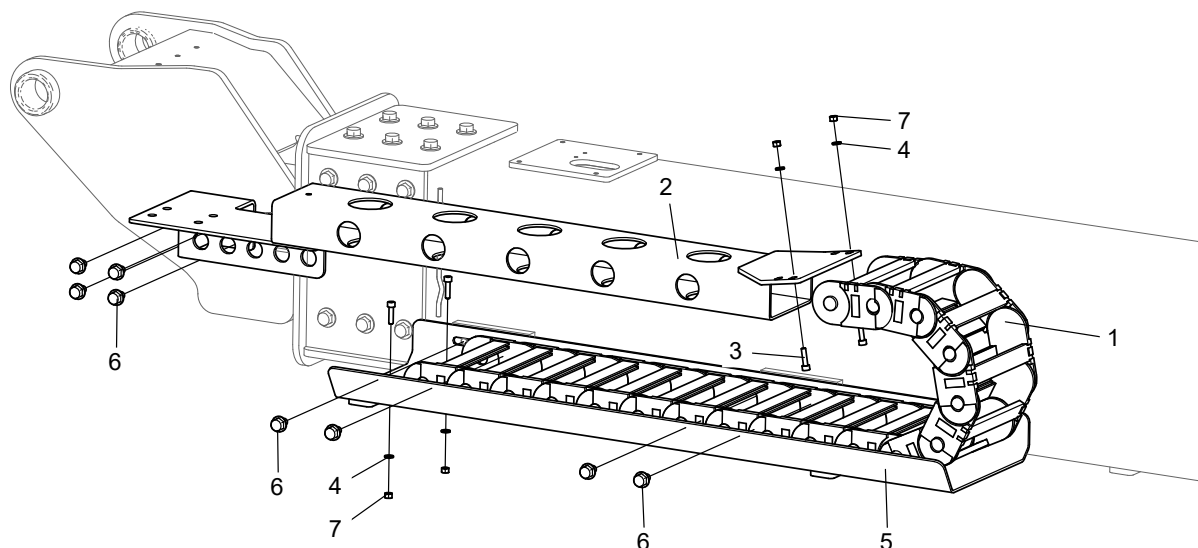
No.	Part No.	Qty.	Description
1	215010000237	1	Bolt M10×20-8.8-ZnD GB/T 5789
2	103010013237	1	Wear pad
3	215030000027	10	Nut M10-8-ZnD GB/T 6184
4	103010013453	1	Pin XJΦ35-265
5	103010053021	1	Leveing cylinder
6	215010000245	1	Bolt M10×16-8.8-ZnD GB/T 5789
7	103010053003	1	Primary Boom Extension Cylinder
8	103010013236	1	Wear pad
9	103010013273	1	pin assembly Φ35-150
10	103010013254	2	pin XGΦ35-162
11	215040000124	4	Retaining ring 35-DKL JB/ZQ 4342
12	215010000011	5	Bolt M10×70-8.8-ZnD GB/T 5782
13	103010053002	1	Secondary Boom Cylinder
14	103010013464	1	Pin XGΦ35-370
15	103010013242	2	pin XJΦ35-80
16	103010013247	2	pin XJΦ35-245[Z]
17	103010053009	1	Main Boom Cylinder
18	103010013462	1	Pin XJΦ35-210
19	214030000069	4	Bushing, self-lubricating
20	214030003048	2	self-lubricating bearing
21	215010000012	2	Bolt M10×80-8.8-ZnD GB/T 5782
22	103010013274	1	pin assembly
23	103010053022	1	Master cylinder
24	215020000053	4	Screw M10×40-8.8-ZnD GB/T 70.1

3.3 TELESCOPIC BOOM INSTALLATION



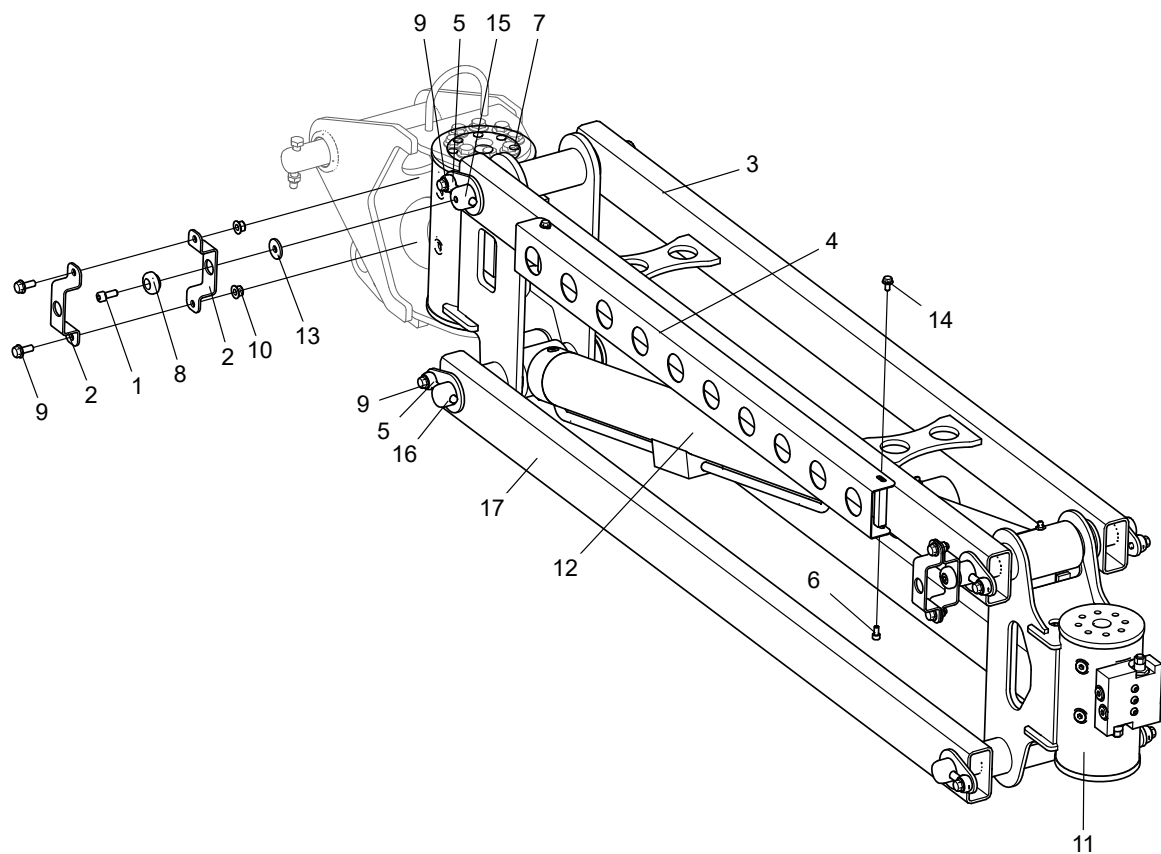
No.	Part No.	Qty.	Description
1	103010013504	4	Shim
2	104009010112	2	Wear pad assembly
3	103010013268	2	Wear pad assembly
4	104011010072	3	Shim
5	104009010103	12	Shim
6	103010013502	2	Wear pad assembly
7	104008010106	3	Wear pad assembly
8	215010000237	18	Bolt M10×20-8.8-ZnD GB/T 5789
9	215010000238	30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

3.4 CABLE TRACK INSTALLATION



No.	Part No.	Qty.	Description
1	204190003106	1	drag chain
2	103010013230	1	Tube, push
3	215020000008	4	Screw M5×20-A2-70 GB/T 70.1
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	103010013231	1	Tube, carrier
6	215010000233	8	Bolt M8×12-8.8-ZnD GB/T 5789
7	215030000003	4	Nut M5-A2-70 GB/T 6170

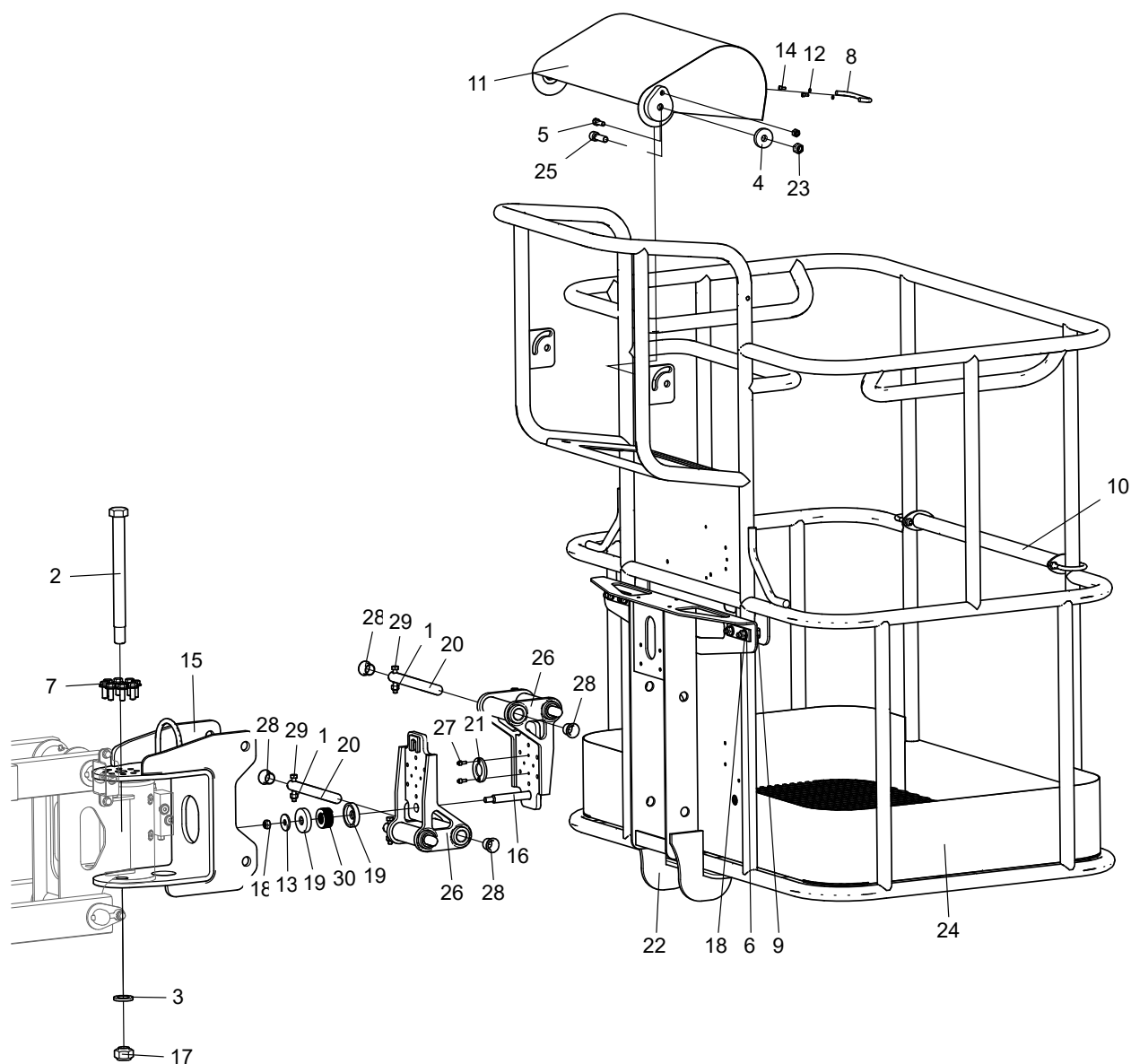
3.5 JIB BOOM ASSEMBLY



No.	Part No.	Qty.	Description
1	215020000023	2	Screw M8×20-8.8-ZnD GB/T 70.1
2	112001013051	4	Plate, bending
3	103010013485	1	Boom tube
4	103010013486	1	Plate, bending
5	101012010044	8	Keeper pin
6	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
7	202020003051	1	swing cylinder
8	112001013052	2	Plate, bending
9	215010000234	12	Bolt M8×20-8.8-ZnD GB/T 5789
10	215030000108	4	Nut M8-8-ZnD GB/T 6183.1
11	202020003050	1	swing cylinder
11a	207990003890	1	Seal kit,Orbital motor(188700)
12	103010053007	1	Lift cylinder, jib
13	215040000103	2	Washer 8-100HV-ZnD GB/T 5287
14	215010000281	2	Bolt M6×12-8.8-ZnD GB/T 5789
15	103010013481	2	Pin XGφ32-285
16	103010013477	2	Pin XGφ32-325
17	103010013478	2	Level arm

4 PLATFORM ASSEMBLY

4.1 PLATFORM INSTALLATION

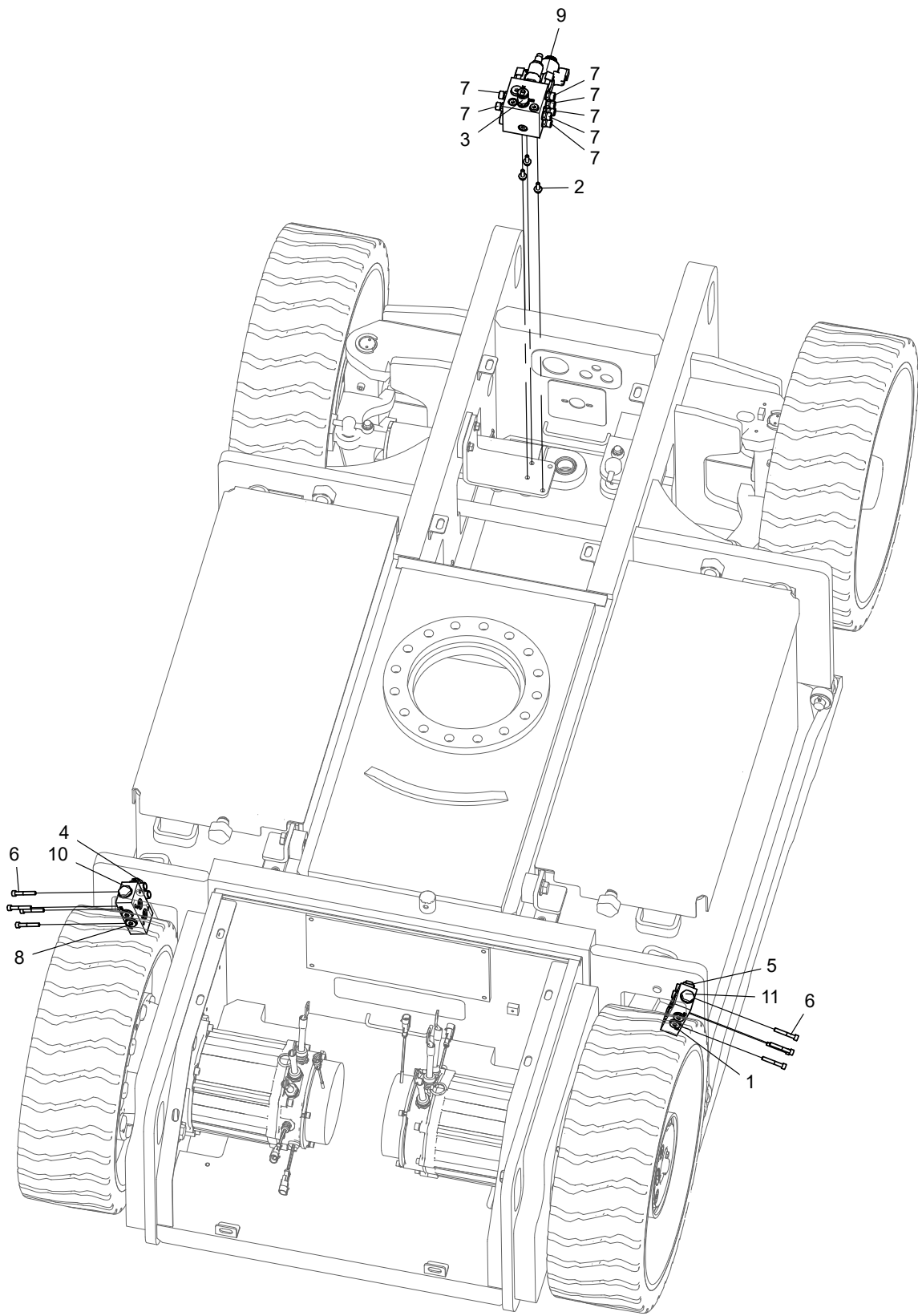


No.	Part No.	Qty.	Description
1	215030000026	6	Nut M8-8-ZnD GB/T889.1
2	105001040032	1	Bolt, swing motor
3	215040000108	1	Washer 22-DKL GB/T 1230
4	105001040055	2	Plate
5	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
6	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
7	215010000267	8	Bolt M10×25-10.9-DKL GB/T 5789
8	209030000001	1	Handle, C.C.96mm
9	215010000258	4	Bolt M10×55-8.8-ZnD GB/T 5789
10	105064043183	1	Bar, drop
11	103010043260	1	Shield
12	215040000002	2	Washer 4-A2-70 GB/T 93
13	215040000125	1	Washer 10-100HV-ZnD GB/T 5287
14	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
15	103010043230	1	Stents
16	105029013067	1	Screw, self-build
17	215030000104	1	Nut M22-8-ZnD GB/T 6184
18	215030000027	5	Nut M10-8-ZnD GB/T 6184
19	105029013045	2	Retaining ring
20	105001040034	4	Pin XGΦ20-195
21	103006060038	1	Support plate
22	103010043227	1	Brace
23	215030000029	2	Nut M12-8-ZnD GB/T 6184
24	103010043238	1	Platform
25	215020000208	2	Screw M12×40-8.8-ZnD GB/T 70.1
26	105029013046	2	Load support
27	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
28	214080000001	8	Bearing 20×23×21.5 SF-1F
29	215010000163	4	Bolt M8×50-8.8-ZnD GB/T 5782
30	210110000001	1	Spring, compression

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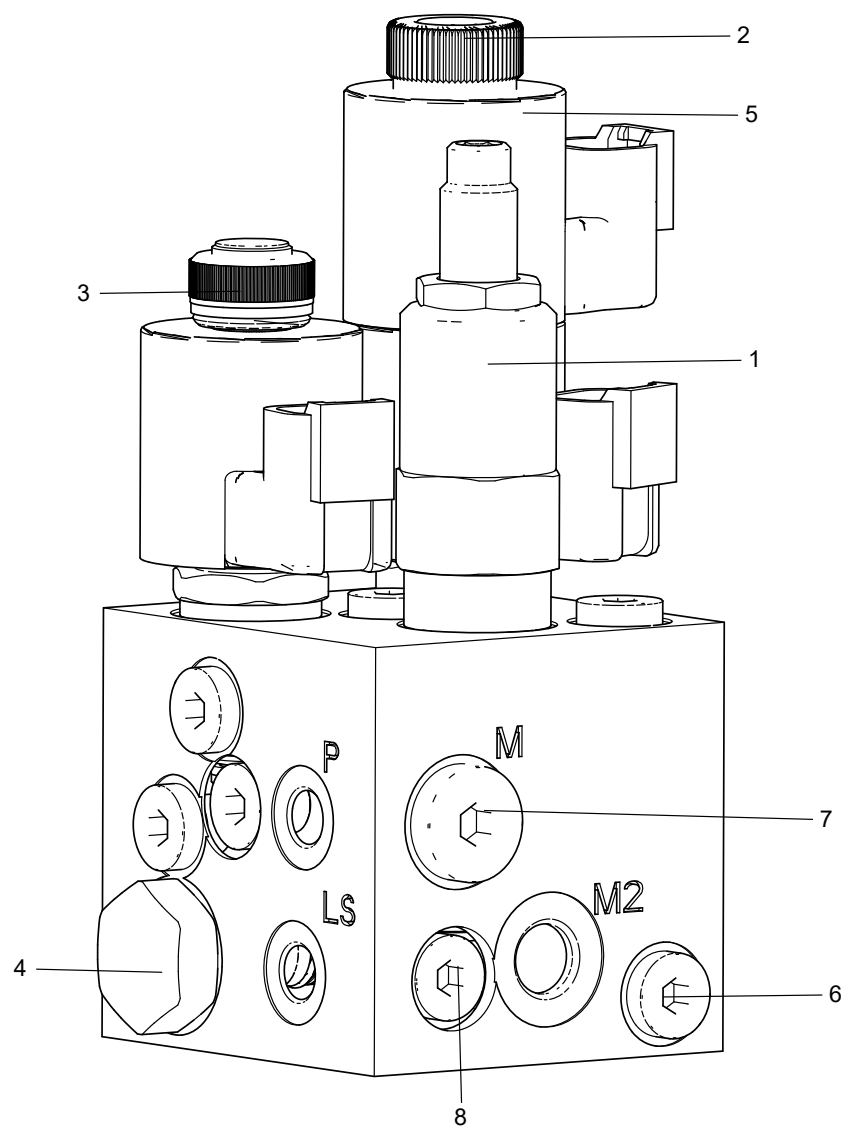
5 HYDRAULIC SYSTEM

5.1 CHASSIS HYDRAULIC COMPONENTS INSTALLATION



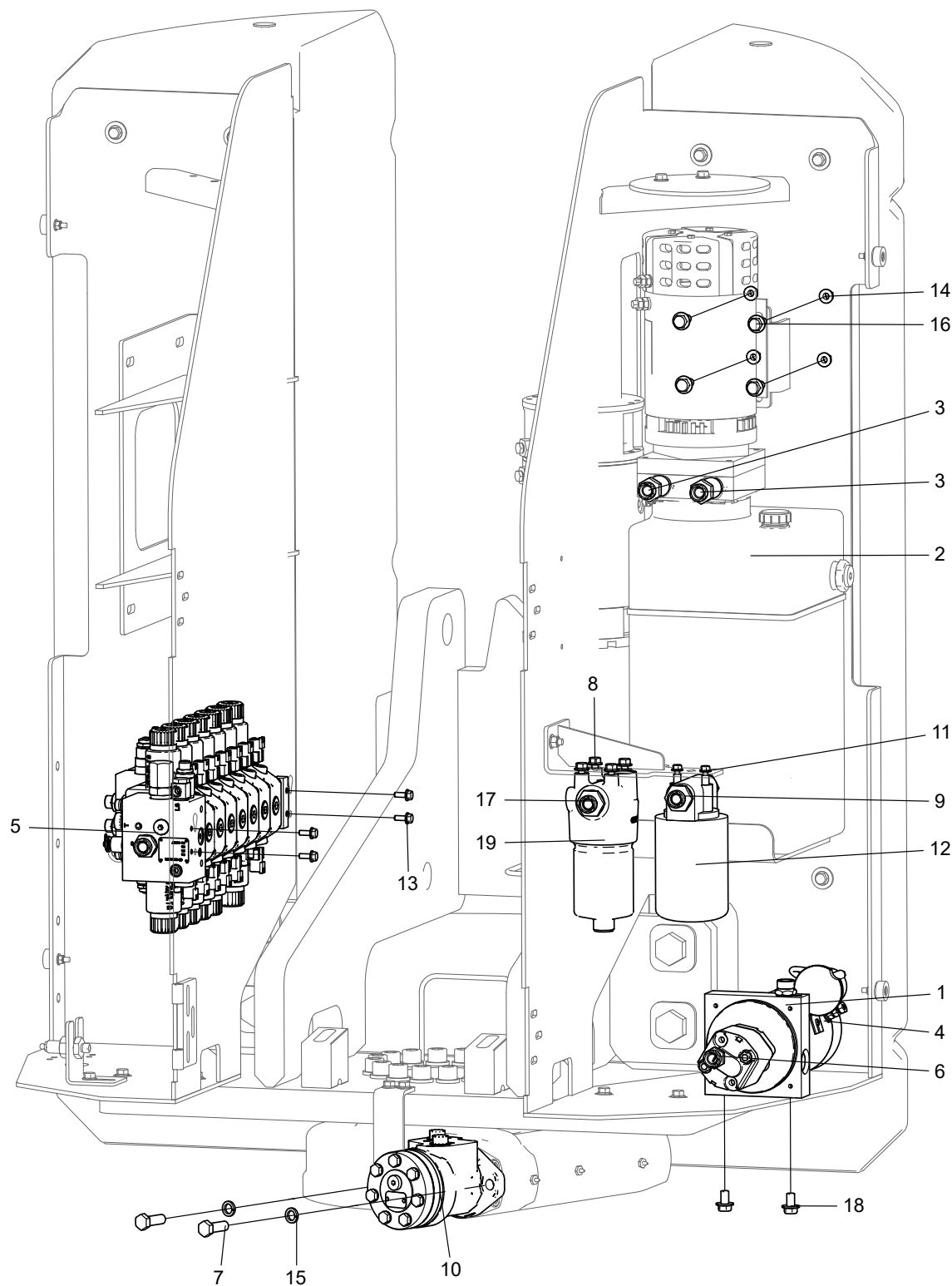
No.	Part No.	Qty.	Description
1	213060000003	2	Plug
2	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
3	213010000010	1	Fitting
4	213010000146	2	Fitting
5	213010000146	2	Fitting
6	215020000016	8	Screw M6×40-A2-70 GB/T 70.1
7	213010000068	7	Fitting
8	213060000003	2	Plug
9	202040003546	1	Pothole control valve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

5.2 POTHOLE CONTROL VALVE (PN.202040003546)



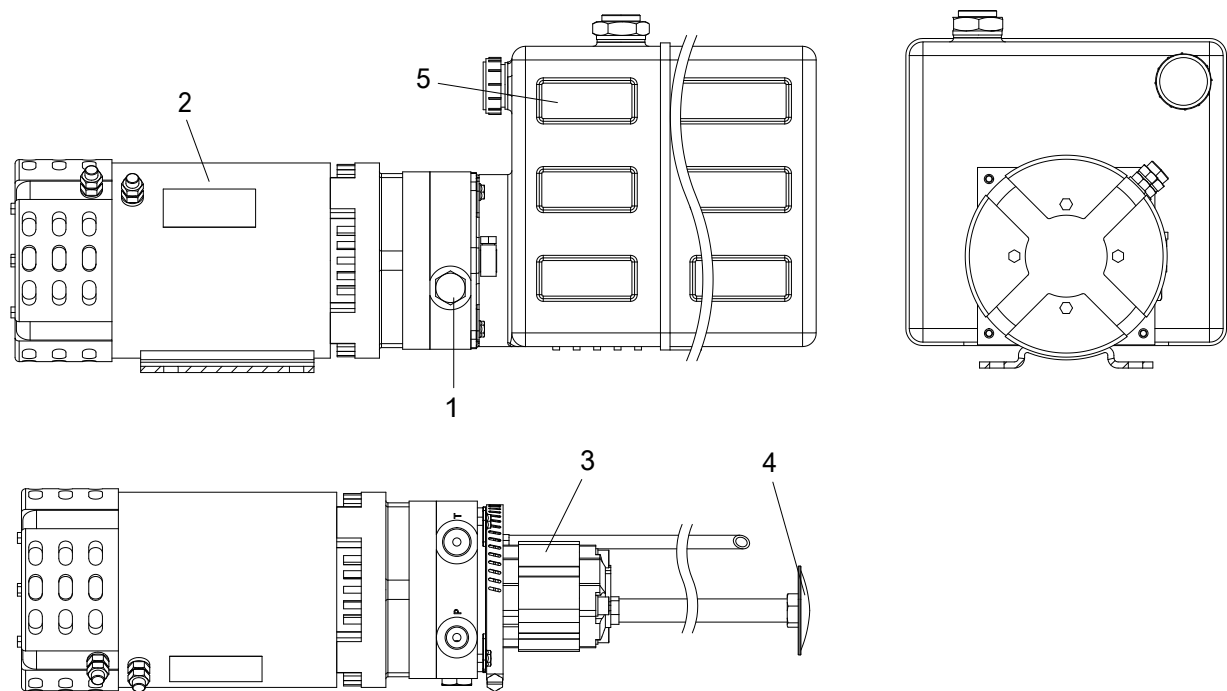
No.	Part No.	Qty.	Description
1	202990003068	1	Reducing valve
2	202040003371	1	Electric valve
3	202990003313	1	Switch solenoid valve
4	202990003071	1	Check valve
5	202990003144	3	Coil
6	213060003015	8	Plug
7	213060003016	1	Plug
8	202130003003	1	Damper

5.3 TURNTABLE HYDRAULIC COMPONENTS INSTALLATION



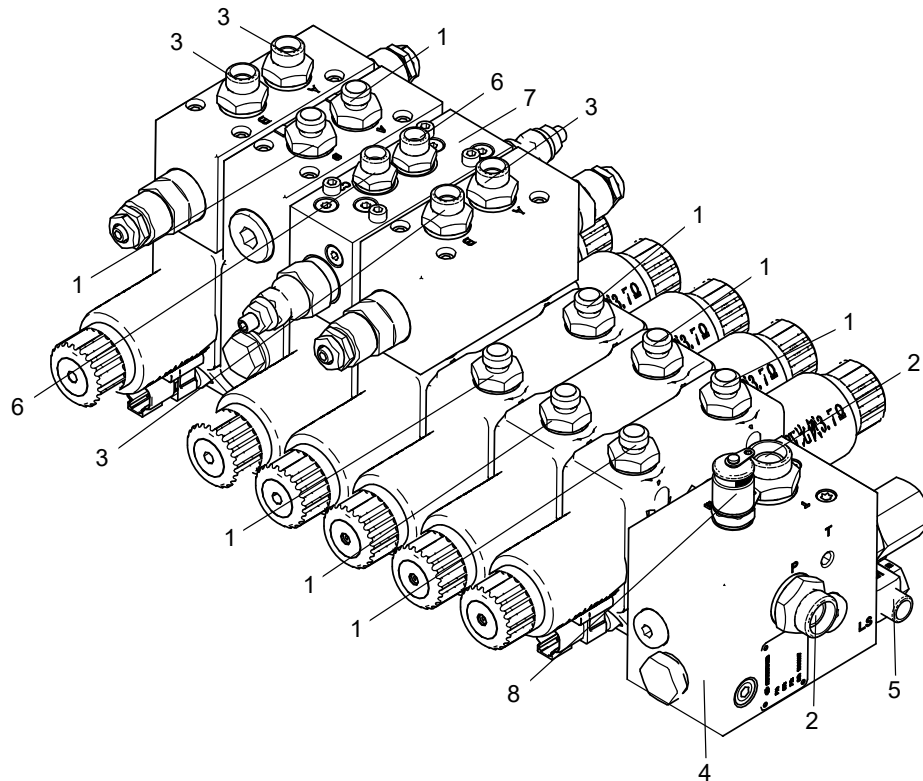
No.	Part No.	Qty.	Description
1	213010000065	1	Fitting
2	202010003076	1	Primary Pmup
3	213010003182	2	Fitting
4	202010003077	1	Auxiliary pump
5	103010053030	1	Multitandem Valve conn fabricated
6	213010000003	1	Fitting
7	215010000092	2	Bolt M12×35-8.8-ZnD GB/T 5783
8	215010000286	4	Bolt M8×16-8.8-ZnD GB/T 5789
9	213010000014	2	Fitting
10	202020000014	1	Swing motor
11	215010000281	2	Bolt M6×12-8.8-ZnD GB/T 5789
12	202080000001	1	Filter
12a	202080000024	1	Filter element, spin-on type
13	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
14	215030000108	4	Nut M8-8-ZnD GB/T 6183.1
15	215040000007	2	Washer 12-ZnD GB/T 93
16	215010000238	4	Bolt M10×25-8.8-ZnD GB/T 5789
17	213010000014	2	Fitting
18	215010000245	2	Bolt M10×16-8.8-ZnD GB/T 5789
19	202080000046	1	High pressure filter
19a	202080000048	1	Filter element

5.4 POWER UNIT (PN.202010003076)



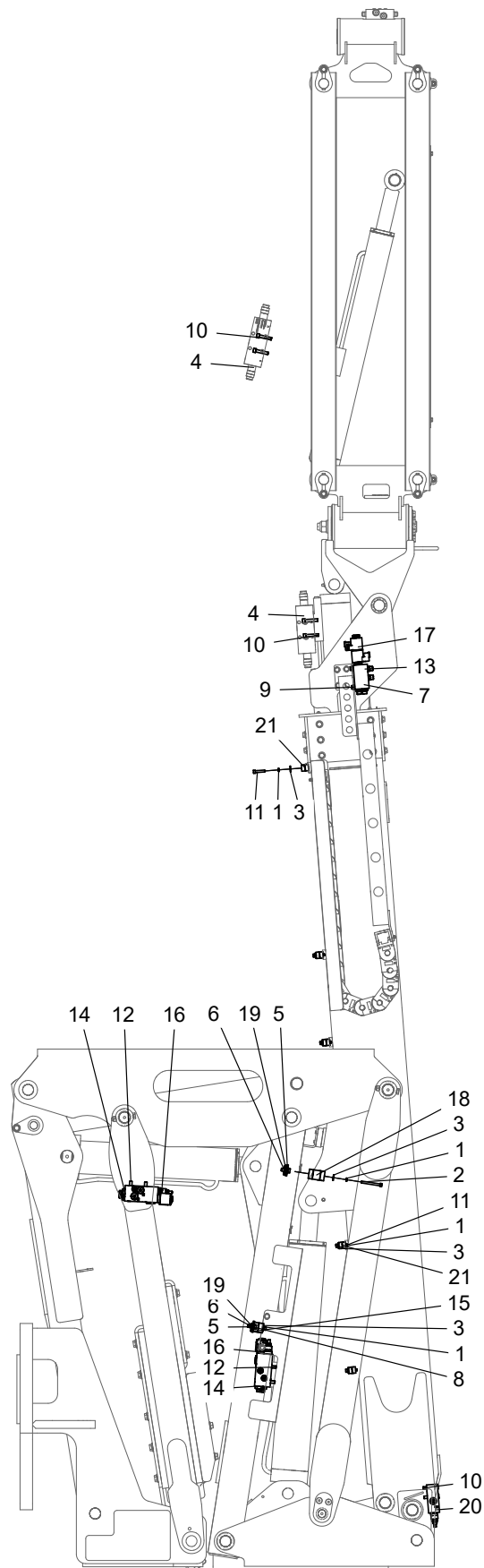
No.	Part No.	Qty.	Description
1	202990003123	1	Check valve
2	203010003122	1	Gear pump DC motor
2a	203990003075	1	Carbon brush
3	202010003111	1	Gear pump
3a	207990003492	1	Seal kit, gear pump
4	202080003005	1	Filter screen
5	202110003017	1	Hydraulic tank assembly

5.5 MULTITANDEM VALVE AND FITTINGS INSTALLATION



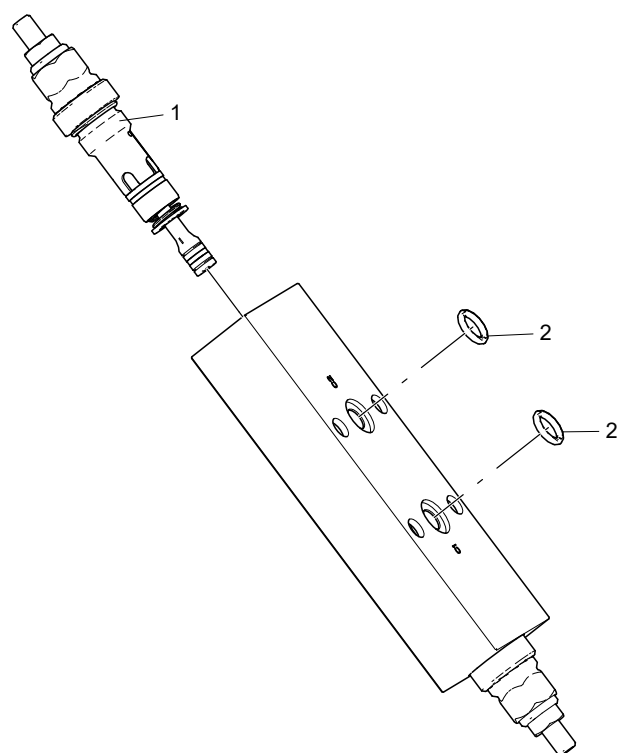
No.	Part No.	Qty.	Description
1	213010000047	8	Fitting
2	213010000039	2	Fitting
3	213010000006	4	Fitting
4	202040003369	1	Multitandem Valve
5	213010000146	1	Fitting
6	213010000007	2	Fitting
7	202040003368	1	Counterbalance valve
8	213010000010	1	Fitting

5.6 BOOM HYDRAULIC COMPONENTS INSTALLATION



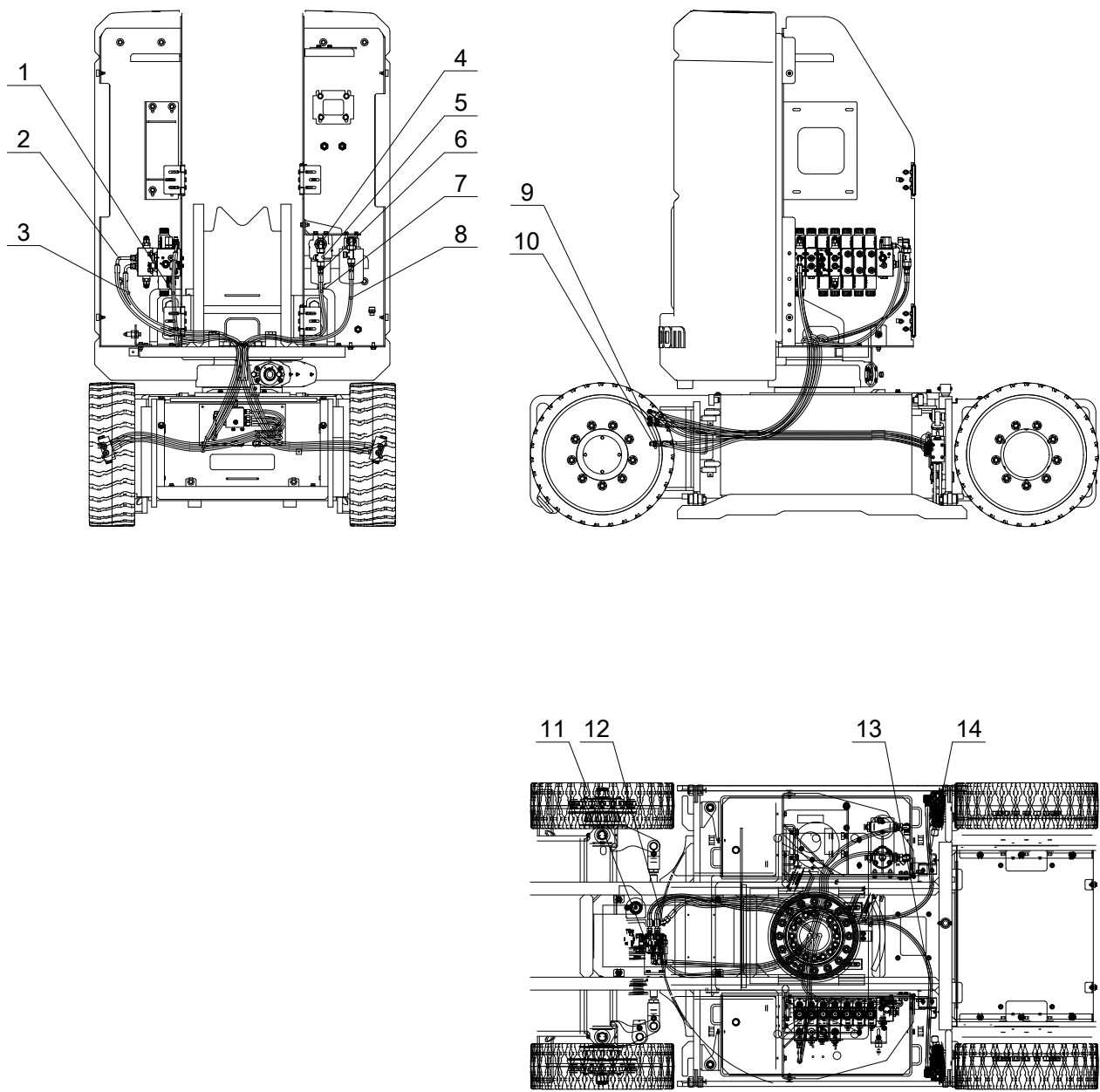
No.	Part No.	Qty.	Description
1	215040000004	14	Washer 6-A2-70 GB/T 93
2	215020000020	2	Screw M6×60-A2-70 GB/T 70.1
3	215040000133	14	Washer 6-200HV-A2 GT/B 96.1
4	202040000011	2	Counterbalance valve, leveling
5	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
6	215030000106	4	B type spring nuts
7	213010000007	2	Fitting
8	215020000016	2	Screw M6×40-A2-70 GB/T 70.1
9	215010000229	4	Bolt M6×10-8.8-ZnD GB/T 5789
10	215020000029	12	Screw M8×40-10.9-DKL GB/T 70.1
11	215020000014	10	Screw M6×30-A2-70 GB/T 70.1
12	215020000036	8	Screw M8×55-10.9-DKL GB/T 70.1
13	213010000068	6	Fitting
14	213010000047	4	Fitting
15	103010053115	1	Clamp, self-build
16	202040003366	2	Lift counterbalance valve
17	202040003367	1	Platform control valve
18	103010053042	1	Clamp, self-build
19	103010053041	2	Plate
20	202040003410	1	Telescope counterbalance valve
21	103011053081	5	Clamp, self-build

5.7 LEVELING COUNTERBALANCE VALVE (PN.20204000011)



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

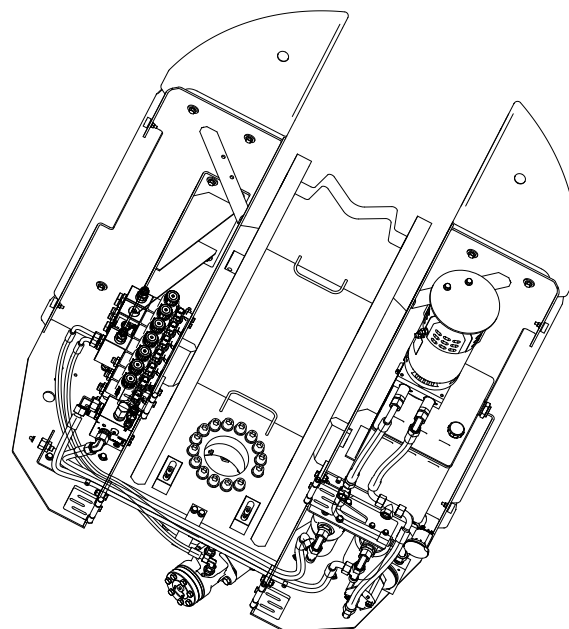
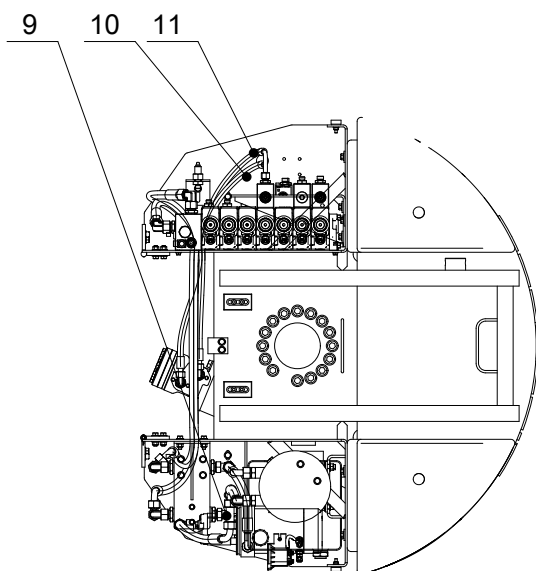
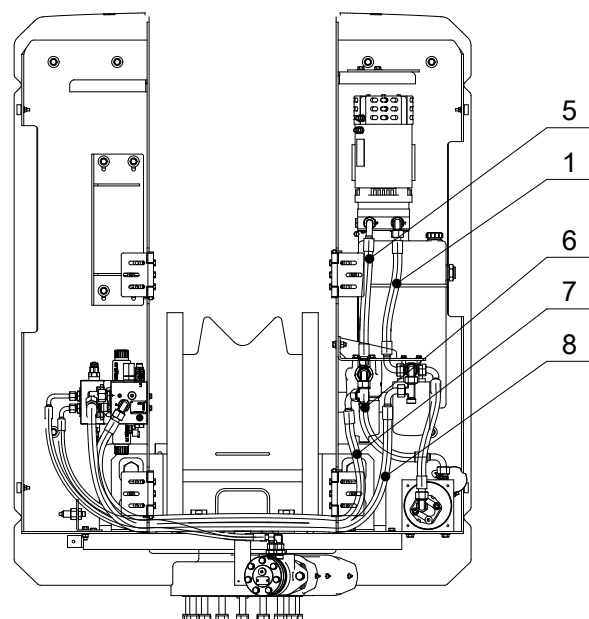
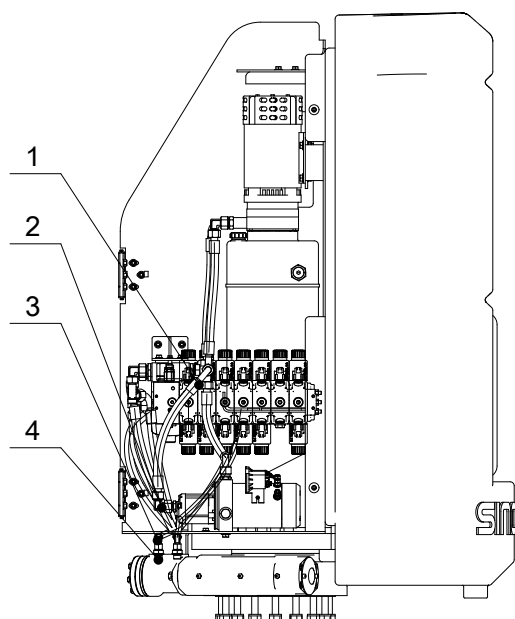
5.8 CHASSIS TUBES LAYOUT



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

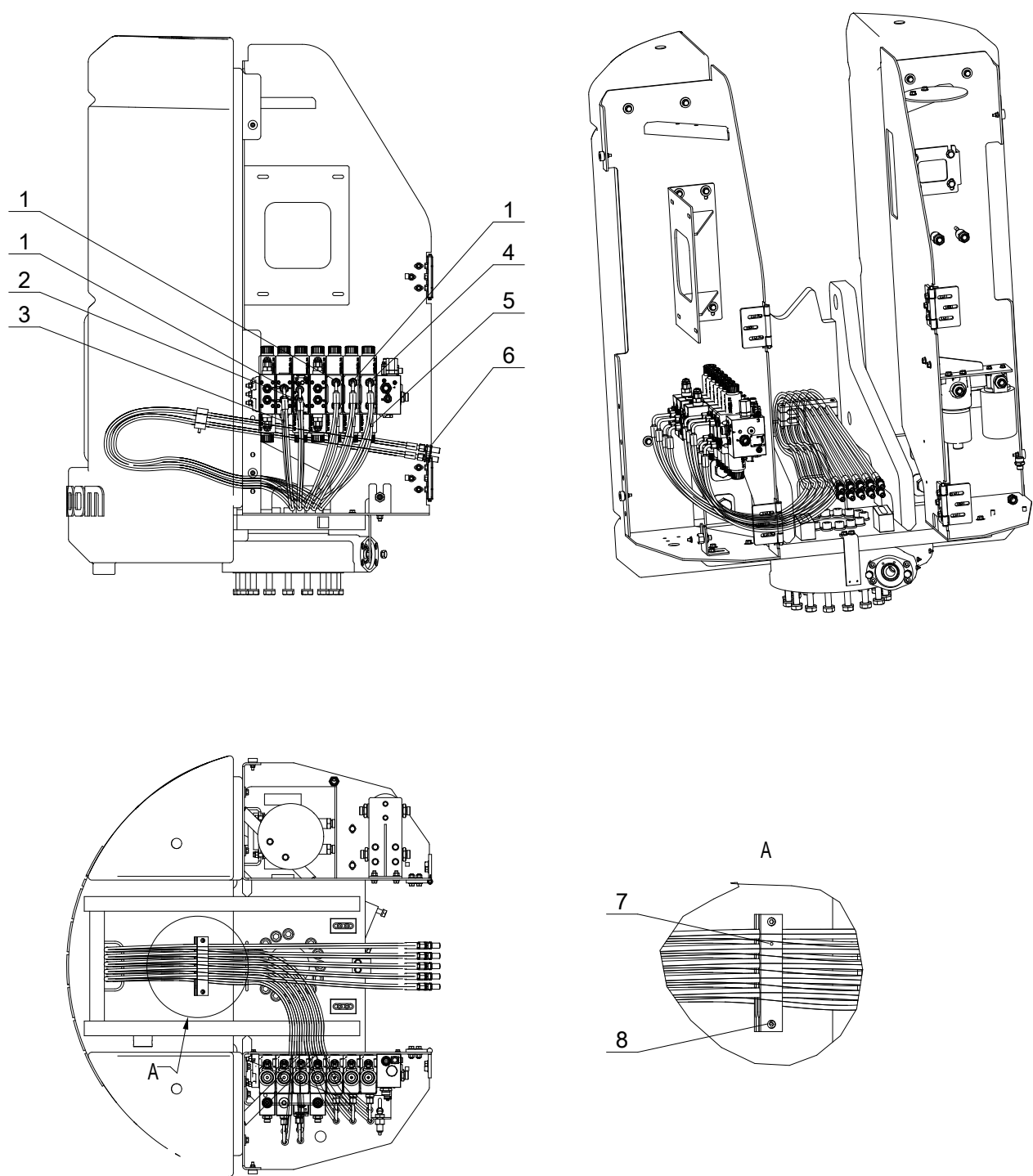
No.	Part No.	Qty.	Description
3	213050000192	1	Hose
4	213010000008	2	Fitting
5	213010000078	2	Fitting
6	213010000160	2	Fitting
7	213050003119	1	Hose
8	213050000464	1	Hose
9	213010000009	1	Fitting
10	213010000012	2	Fitting
11	213010000024	2	Fitting
12	213010000201	1	Fitting
13	213050000266	2	Hose
14	213050000443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

5.9 TURNTABLE TUBES LAYOUT



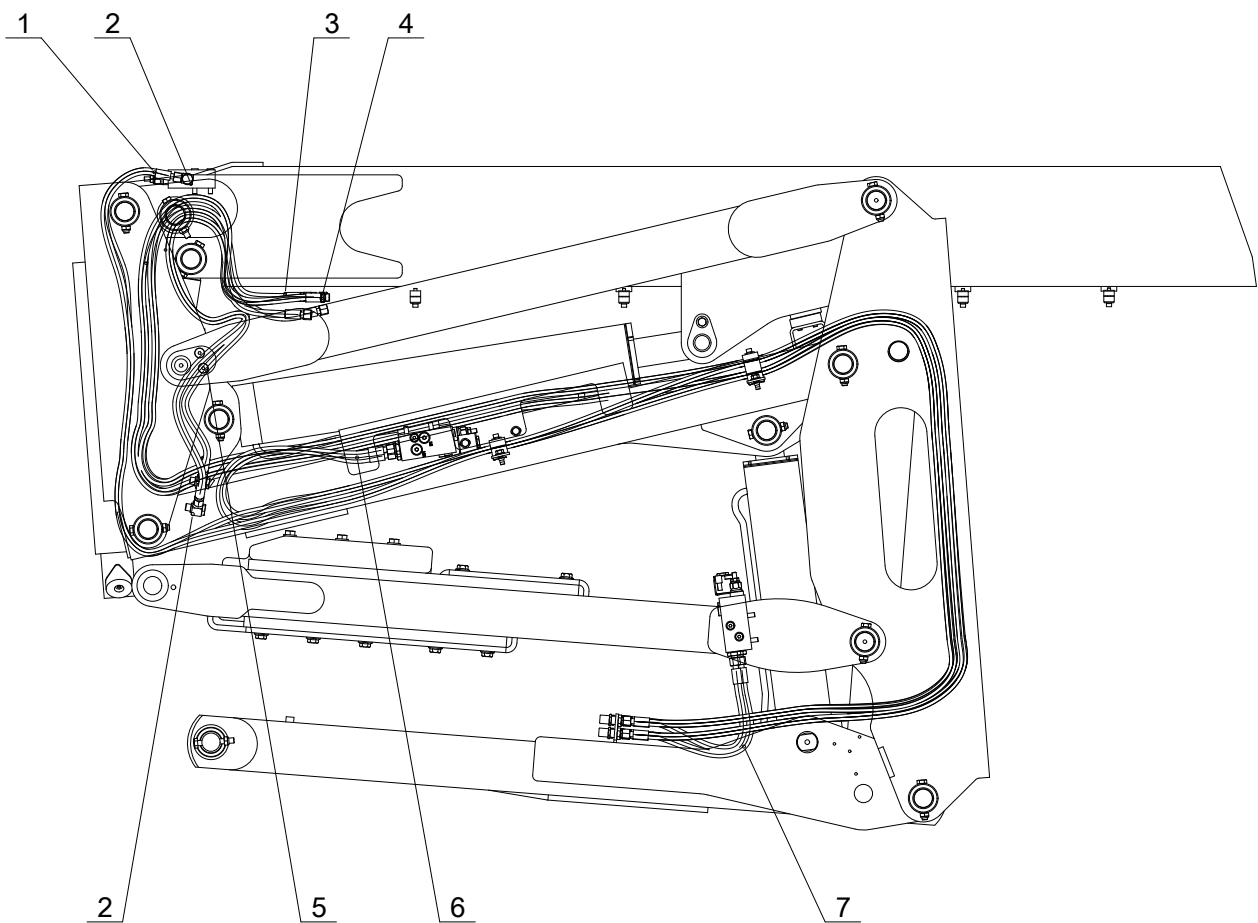
No.	Part No.	Qty.	Description
1	213050000074	2	Hose
2	213010000008	4	Fitting
3	213010000009	2	Fitting
4	213010000125	2	Fitting
5	213050001353	1	Hose
6	213050001352	1	Hose
7	213050000282	1	Hose
8	213050000519	1	Hose
9	213010000241	2	Fitting
10	213050000144	1	Hose
11	213050011670	1	Hose

5.10 BOOM-TURNTABLE TUBES LAYOUT



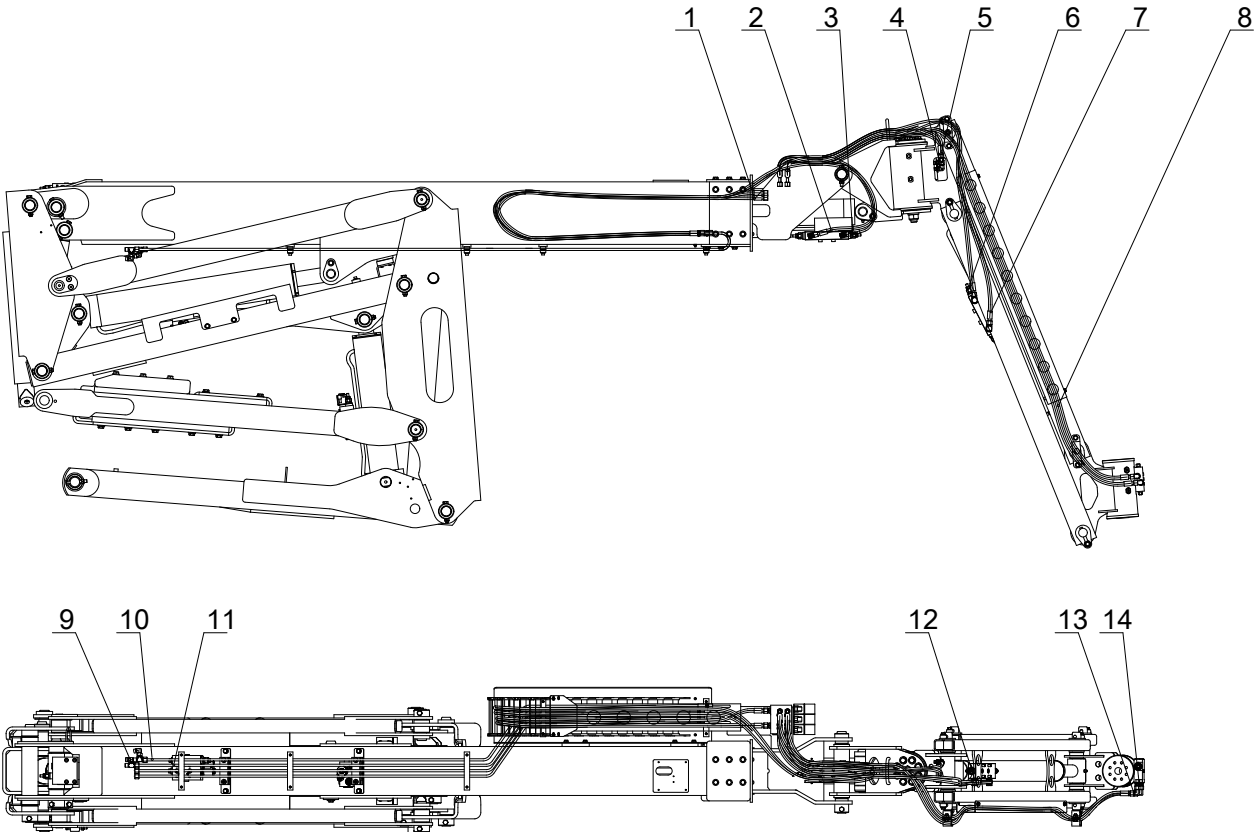
No.	Part No.	Qty.	Description
1	213050013731	3	Hose
2	213050011706	1	Hose
3	213050011707	4	Hose
4	213050013730	1	Hose
5	213050001584	1	Hose
6	213010000139	10	Fitting
7	103010053032	1	Pipe clamp
8	215020000020	2	Screw M6×60-A2-70 GB/T 70.1

5.11 TOWER BOOM TUBES LAYOUT



No.	Part No.	Qty.	Description
1	213050012271	2	Hose
2	213010000146	4	Fitting
3	213050012799	2	Hose
4	213050013892	2	Hose
5	213050008764	2	Hose
6	213050013790	2	Hose
7	213050003135	2	Hose

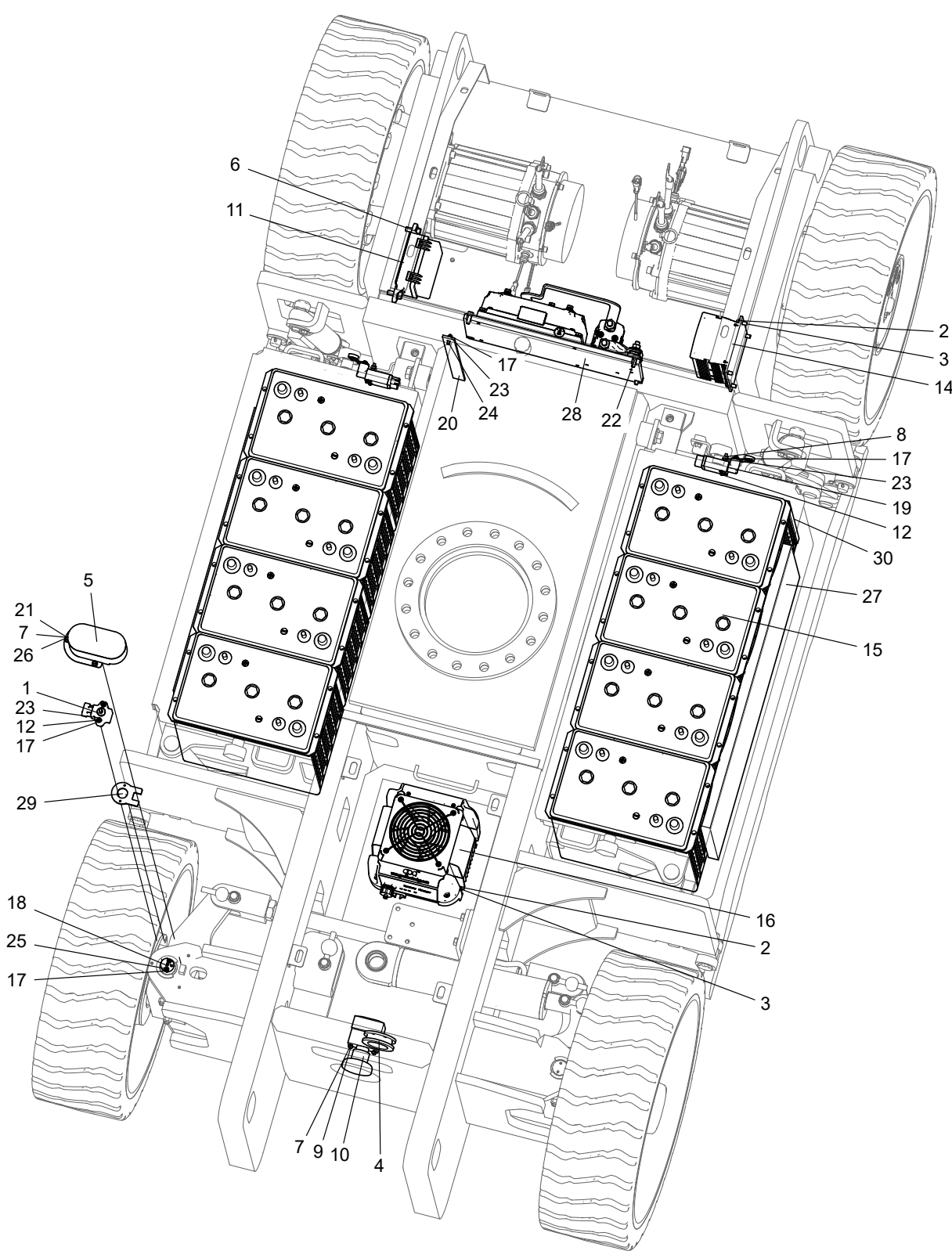
5.12 BASE BOOM TUBES LAYOUT



No.	Part No.	Qty.	Description
1	213050013779	2	Hose
2	213050008874	1	Hose
3	213050008875	1	Hose
4	213010003241	2	Fitting
5	213050001495	2	Hose
6	213050014333	1	Hose
7	213050008876	1	Hose
8	213050008878	2	Hose
9	213010000035	2	Fitting
10	103010053098	1	Steel tube assembly
11	103010053097	3	Steel tube assembly
12	213010003029	4	Fitting
13	213010000024	4	Fitting
14	213010000013	2	Fitting

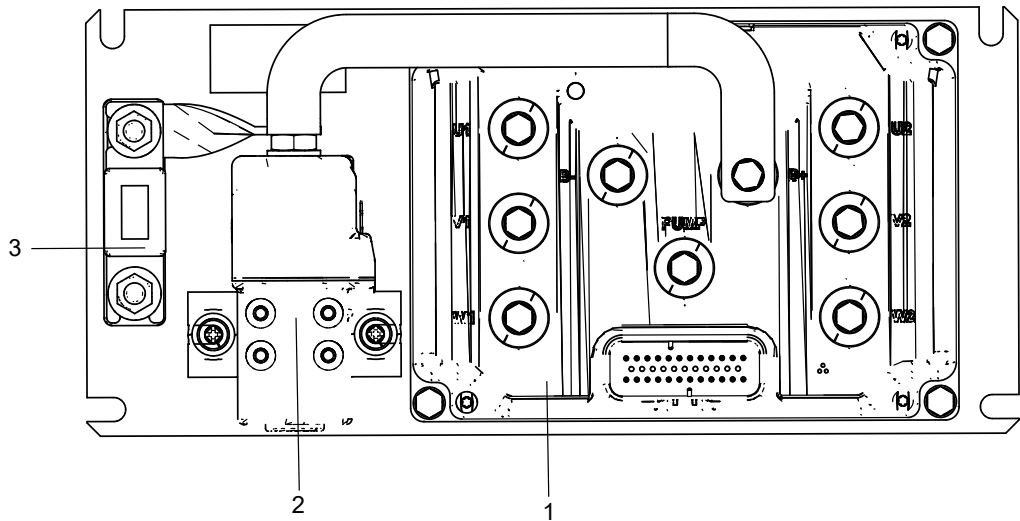
6 ELECTRICAL SYSTEM

6.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



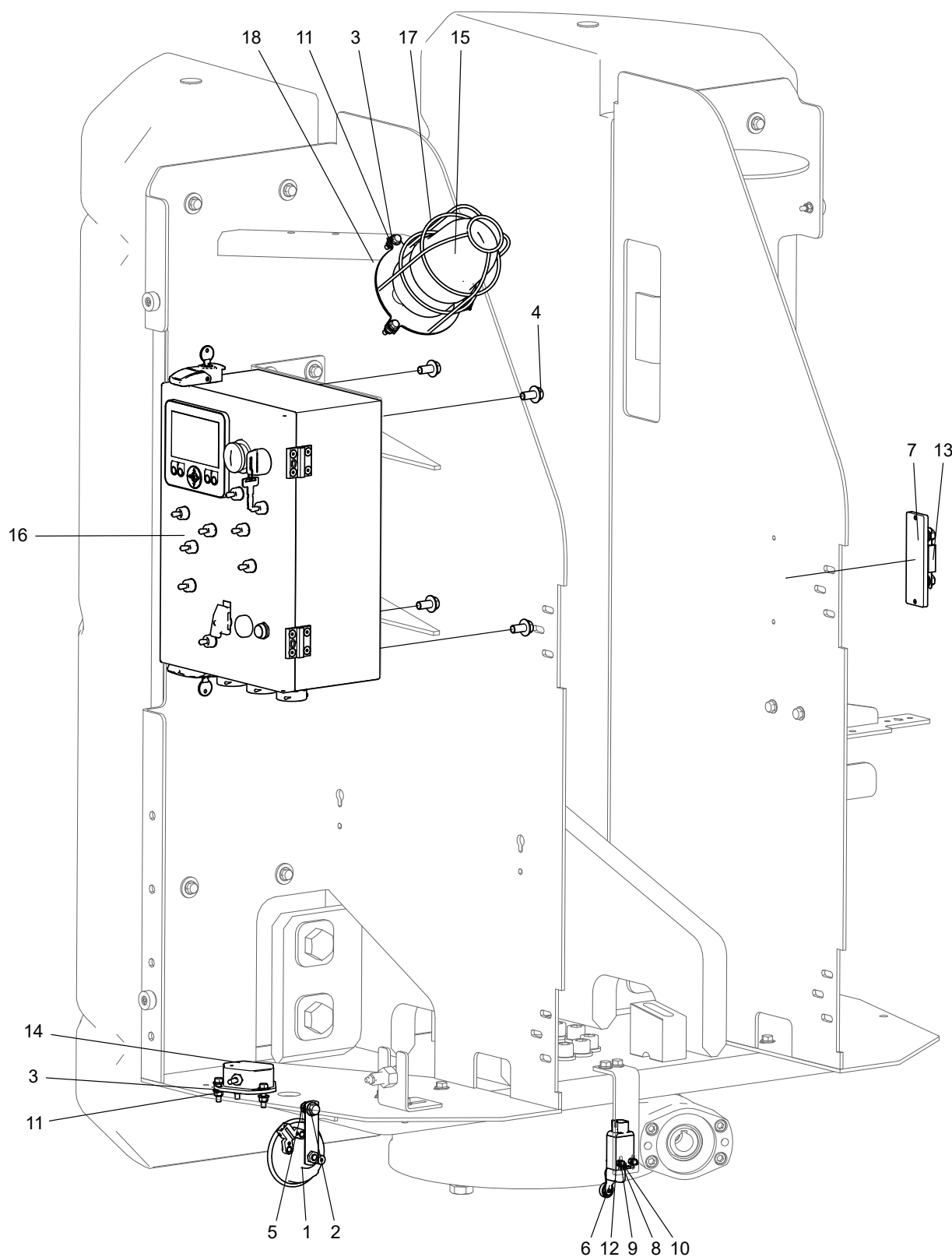
No.	Part No.	Qty.	Description
1	103007063015	1	Relative Angle Sensor Option
1-1	203150000046	1	Angle sensor
1-2	203150003049	1	Angle sensor(1000276)
2	215040000033	8	Washer 6-A2 GB/T 97.1
3	215020000116	8	Screw M6×16-A2-70 GB/T 818
4	102004030245	1	Rubber grommet
5	103002030026	1	Guard
6	215010000234	2	Bolt M8×20-8.8-ZnD GB/T 5789
7	215040000003	5	Washer 5-A2-70 GB/T 93
8	215030000002	4	Nut M4-8-A2-70 GB/T 6170
9	215020000110	2	Screw M5×12-A2-70 GB/T 818
10	203060000024	1	Power switch
11	203040003003	1	Relay box
12	215020000212	6	Screw M4×35-A2-70 GB/T 818
13	215040000004	8	Washer 6-A2-70 GB/T 93
14	203190003008	1	DC/DC convertor
15	203100003083	8	Lead acid battery, maintenance-free
16	203100000042	1	Charger
17	215040000002	9	Washer 4-A2-70 GB/T 93
18	101016010062	1	Flange
19	203060000146	2	Travel switch
20	203160000004	1	Rubber strap, anti-static
21	215020000006	3	Screw M5×12-A2-70 GB/T 70.1
22	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
23	215040000031	7	Washer 4-A2 GB/T 97.1
24	215020000106	1	Screw M4×16-A2-70 GB/T 818
25	215020000105	2	Screw M4×12-A2-70 GB/T 818
26	215040000032	3	Washer 5-A2 GB/T 97.1
27	103010033127	2	Support plate
28	203020003071	1	Motor Controller
29	103003030108	1	Detection plate
30	103010033128	2	Support plate

6.2 MOTOR CONTROLLER (2AC+1DC) (PN.203020003071)



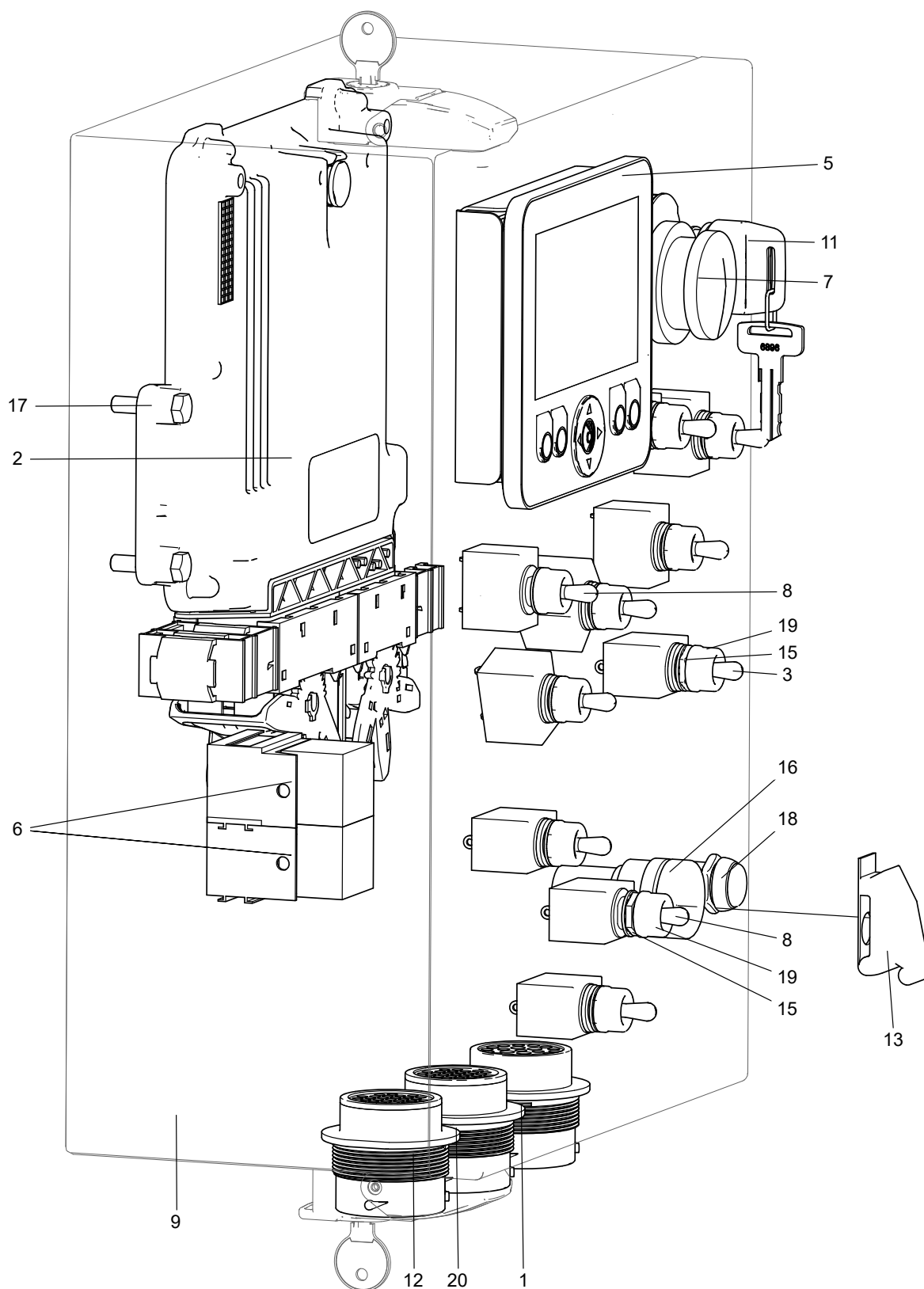
No.	Part No.	Qty.	Description
1	203030003026	1	Motor Controller
2	203040003036	1	Contactor
3	203070003039	1	Fuse

6.3 TURNTABLE ELECTRICAL COMPONENTS INSTALLATION



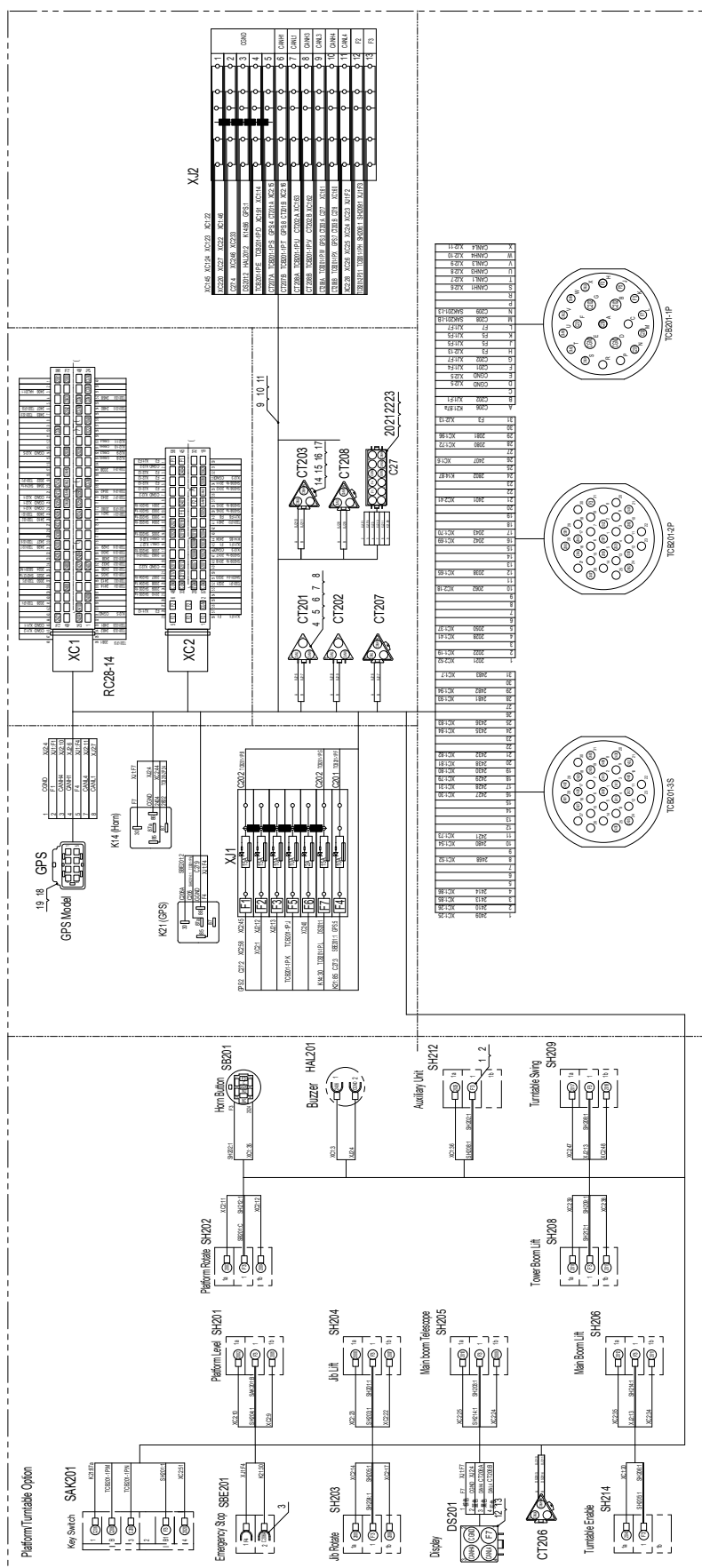
No.	Part No.	Qty.	Description
1	203050000034	1	Horn
2	215010000234	1	Bolt M8×20-8.8-ZnD GB/T 5789
3	215010000232	6	Bolt M6×25-8.8-ZnD GB/T 5789
4	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
5	215030000108	1	Nut M8-8-ZnD GB/T 6183.1
6	203060000146	1	Travel switch
7	203070000056	1	Fuse holder
8	215040000002	2	Washer 4-A2-70 GB/T 93
9	215040000031	2	Washer 4-A2 GB/T 97.1
10	215030000002	2	Nut M4-8-A2-70 GB/T 6170
11	215030000107	6	Nut M6-8-ZnD GB/T 6183.1
12	215020000212	2	Screw M4×35-A2-70 GB/T 818
13	203070003042	1	Fuse
14	203990003045	1	Angle sensor
15	114012063080		caution light option
15-1	203050003017	1	Caution light
15-2	203050003057	1	Caution light
16	103010063060	1	Turntable control box assembly
17	105021060024	1	Guard, beacon light
18	103010023101	1	Plate

6.4 GROUND CONTROLLER ASSEMBLY (PN.103010063060)



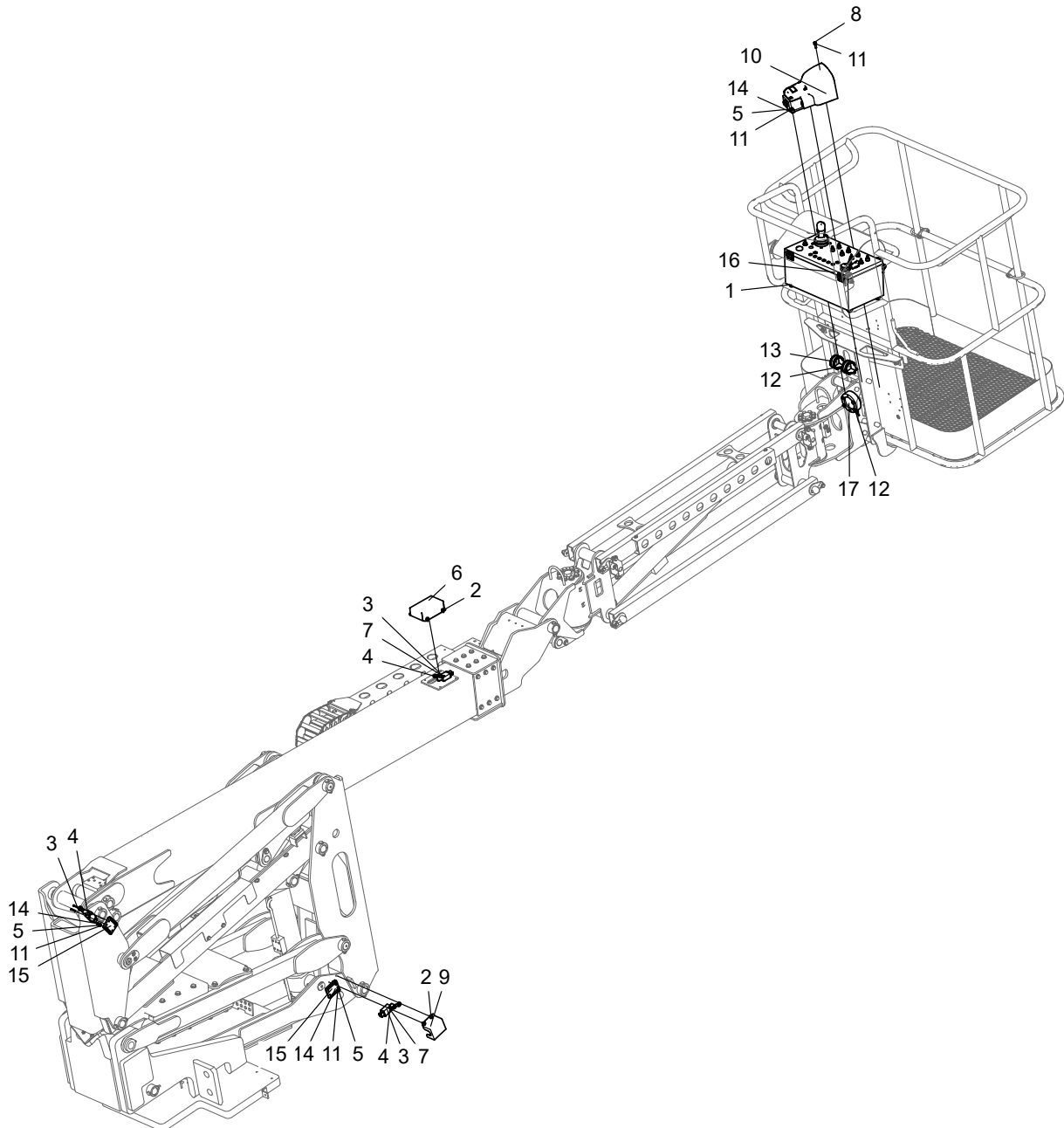
No.	Part No.	Qty.	Description
1	203080000518	1	21-pin male connector sheath
2	203020000038	1	Controller
3	203060000003	8	Toggle switch
4	203080000378	1	Controller connector(Not shown)
5	203200003001	1	Display screen
6	203040000003	2	Relay
7	203060000142	1	Emergency stop switch
8	203060000021	2	Toggle switch
9	103010063061	1	Ground controller box
10	103010063069	1	Membrane, ground controller(Not shown)
11	203060000066	1	Key switch
12	203080000516	1	31-pin female connector sheath
13	203060000150	1	Toggle switch guard
14	103010063070	1	PC film, ground controller(Not shown)
15	203080000109	9	Nut
16	203050003021	1	Buzzer
17	215010003054	4	Nylon Bolt M6×25-4.8-PA66
18	203060000020	1	Button
19	203080000101	10	Waterproof cap
20	203080000523	1	31-pin male connector sheath
21	215040003034	4	Washer 6-PA66 GB/T 97.1

6.5 TURNTABLE CONTROLLER HARNESS (PN.103010063022)



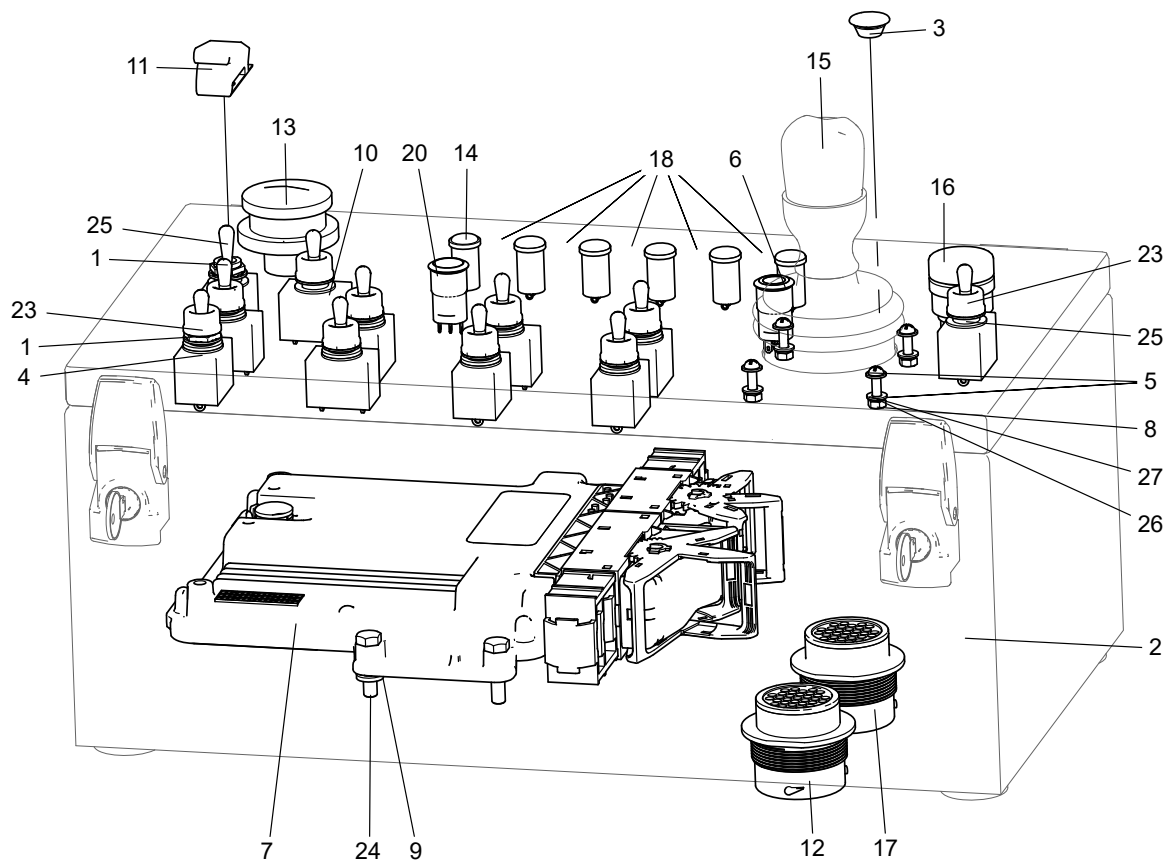
No.	Part No.	Qty.	Description
1	203080003514	33	Terminal
2	203080000022	1	Heat shrink tube
3	203080000036	4	Terminal
4	203080000404	2	Sheath
5	203080000032	2	Lock
6	203080000041	12	Female connector
7	203080000068	5	Blind plug
8	203080000473	2	Cover, waterproof
9	203080000562	5	Cable, thin wall (red)
10	203080000563	7	Cable, thin wall (black)
11	203080000564	15	Cable, thin wall (white)
12	203080000044	2	Sheath
13	203080000020	2	Lock
14	203080000405	4	Sheath
15	203080000046	4	Lock
16	203080000033	8	Male connector
17	203080000086	1	Sheath
18	203080003216	1	Sheath
19	203080003218	7	Terminal AMP
20	203080003532	1	Sheathed
21	203080003533	1	Lock
22	203060000085	6	Terminal, female
23	203080000085	6	Blind plug

6.6 BOOM ELECTRICAL COMPONENTS INSTALLATION



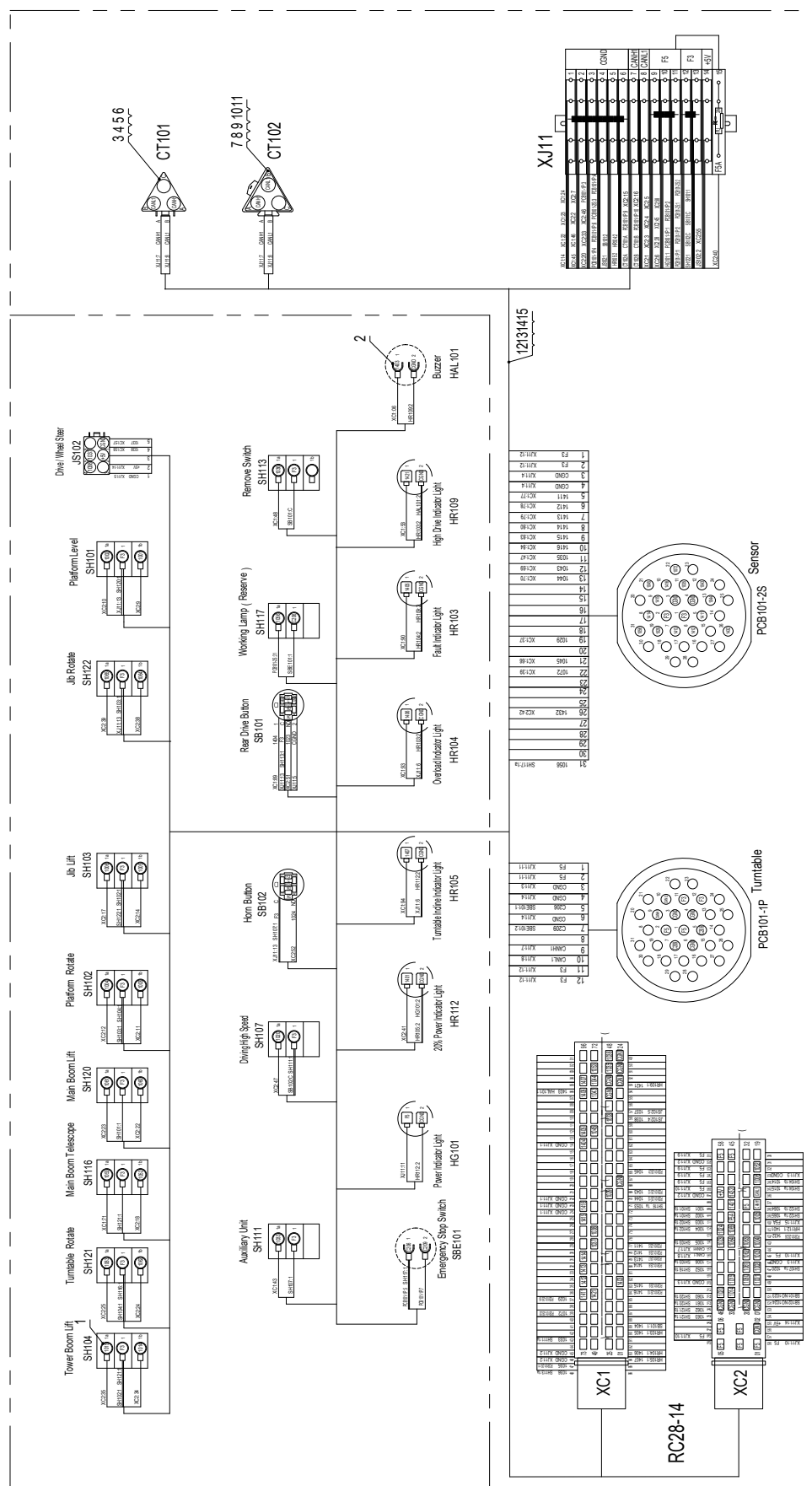
No.	Part No.	Qty.	Description
1	215010000237	4	Bolt M10×20-8.8-ZnD GB/T 5789
2	215010000229	6	Bolt M6×10-8.8-ZnD GB/T 5789
3	215020000108	6	Screw M4×25-A2-70 GB/T 818
4	203060000146	3	Travel switch
5	215040000004	7	Washer 6-A2-70 GB/T 93
6	104011060052	1	Cover, travel switch
7	215040000002	6	Washer 4-A2-70 GB/T 93
8	215020000013	1	Screw M6×25-A2-70 GB/T 70.1
9	104009060078	1	Cover, travel switch
10	203060000009	1	Heavy-duty foot switch
11	215040000033	7	Washer 6-A2 GB/T 97.1
12	215010000232	6	Bolt M6×25-8.8-ZnD GB/T 5789
13	216020000025	2	Retaining ring, SSG
14	215020000012	6	Screw M6×20-A2-70 GB/T 70.1
15	104009060027	2	Mounting plate, travel switch
16	103010063005	1	Platform controller assembly
17	103006060034		Load sensor options
17-1	203150003039	1	Load sensor(single-channel, 1000805)
17-2	203150003038	1	Load sensor(dual-channel, 1000805)
17-3	203150000069	1	Load sensor(single-channel, 1000232)
17-4	203150003041	1	Load sensor(single-channel, 1000086)
17-5	203150000070	1	Load sensor(dual-channel, 1000232)

6.7 PLATFORM CONTROLLER ASSEMBLY (PN.103010063005)



No.	Part No.	Qty.	Description
1	203080000109	11	Nut
2	103010063002	1	Platform controller assembly
3	105045060004	1	Controller plug
4	203060000003	8	Toggle switch
5	215040000031	8	Washer 4-A2 GB/T 97.1
6	203060003074	1	Button (with light)
7	203020000038	1	Controller
8	215020000106	4	Screw M4×16-A2-70 GB/T 818
9	215040003034	4	Washer 6-PA66 GB/T 97.1
10	203060000035	1	Toggle switch
11	203060000150	1	Toggle switch guard
12	203080000523	1	31-pin male connector sheath
13	203060000142	1	Emergency stop switch
14	203050003047	1	Indicator light
15	203060003082	1	Joystick
16	203050003021	1	Buzzer
17	203080000516	1	31-pin female connector sheath
18	203050003046	5	Indicator light
19	103010063027	1	PC film, platform controller(Not shown)
20	203060003073	1	Button
21	203060000014	1	Handle connector(Not shown)
22	203080000378	1	Controller connector(Not shown)
23	203080000101	10	Waterproof cap
24	215010003054	4	Nylon Bolt M6×25-4.8-PA66
25	203060000021	2	Toggle switch
26	215030000002	4	Nut M4-8-A2-70 GB/T 6170
27	215040000002	4	Washer 4-A2-70 GB/T 93
28	103010063026	1	Platform control box assembly(Not shown)

6.8 PLATFORM CONTROLLER HARNESS (PN.103010063025)

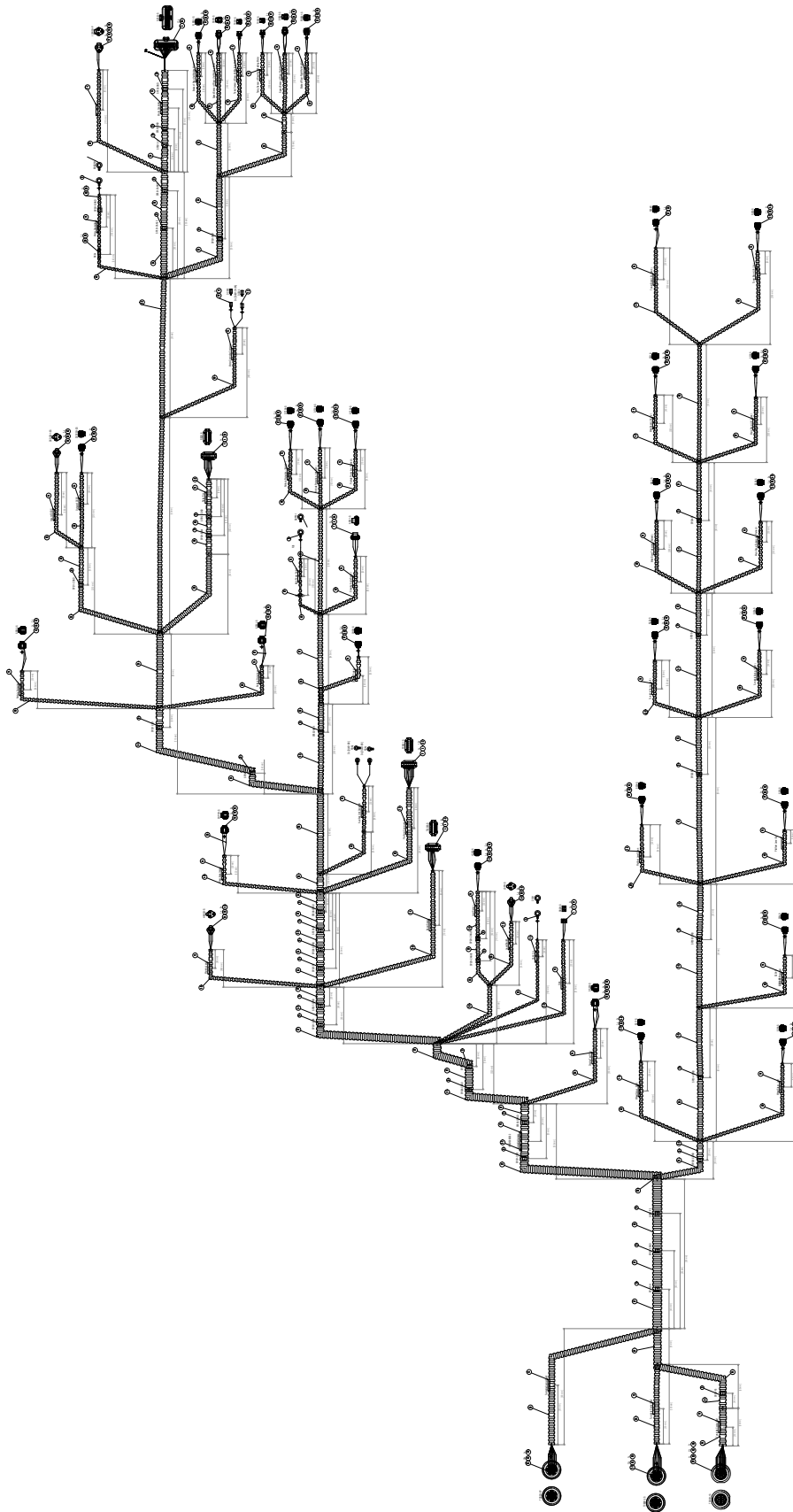


No.	Part No.	Qty.	Description
1	203080003514	32	Terminal
2	203080000036	4	Terminal
3	203080000404	1	Sheath
4	203080000032	1	Lock
5	203080000041	1	Female connector
6	203080000473	1	Cover, waterproof
7	203080000405	1	Sheath
8	203080000046	1	Lock
9	203080000033	2	Male connector
10	203080000068	2	Blind plug
11	203080000086	2	Sheath
12	203080000562	4	Cable, thin wall (red)
13	203080000563	3	Cable, thin wall (black)
14	203080000133	2	Terminal, blade-hole type
14	203080000564	10	Cable, thin wall (white)
15	216020000020	30	Cable tie, nylon

6.9 ELECTRICAL HARNESS ASSEMBLY

No.	Part No.	Qty.	Description
1	103010063032	1	Turntable Harness
2	103010063039	1	Towline Cable
3	103010063034	1	Platform Harness
4	103010063040	1	Sensors Harness

6.10 TURNTABLE HARNESS (PN.103010063032)

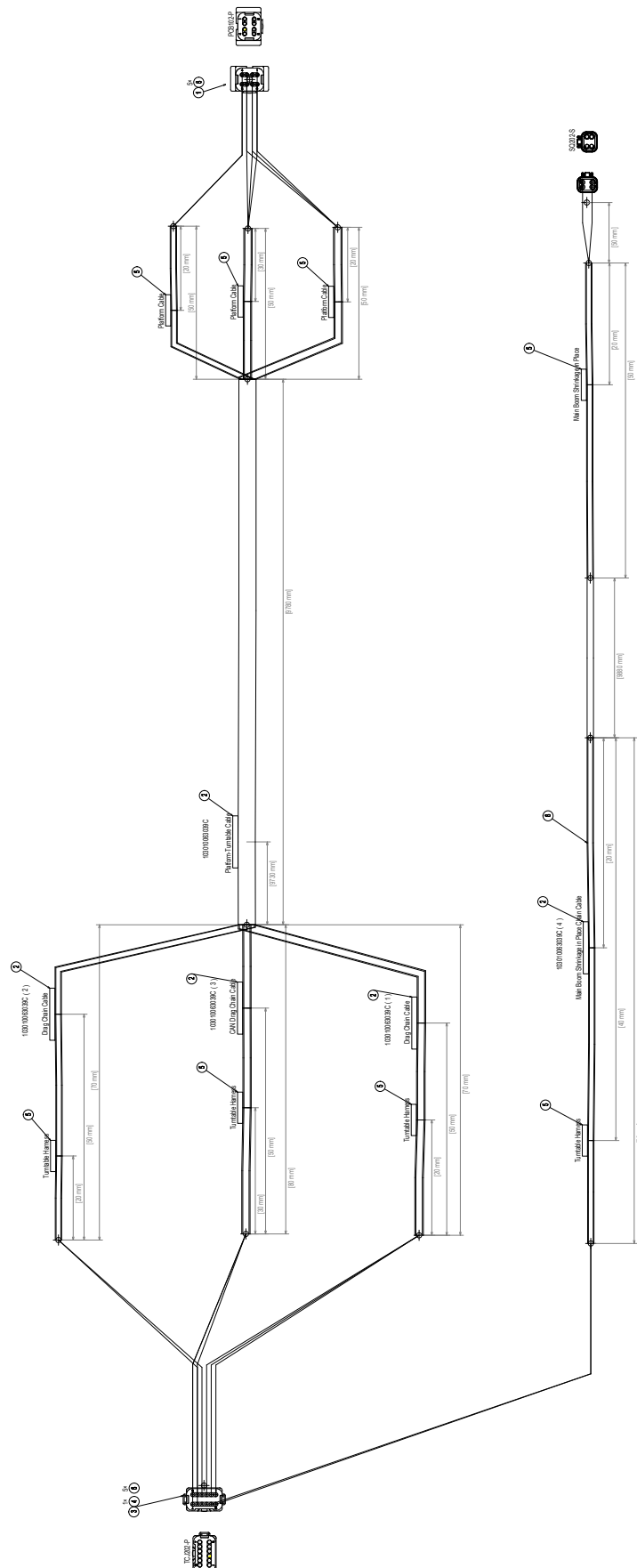


No.	Part No.	Qty.	Description
	103010063032	1	Turntable Harness
1	203080000427	1	Sheath
2	203080000429	1	Cap, waterproof
3	203080000414	3	Sheath
4	203080000159	3	Lock
5	203080003017	1	Sheath
6	203080000018	3	Terminal, blade-hole type
7	203080000315	1	Sheath
8	203080000496	1	Seal
9	203080003277	35	Splitter
10	203080000130	1	Terminal
11	203080000129	1	Jacket, flexible
12	203080000190	1	Terminal
13	203240000002	1	Main label
14	203240000001	47	Function label
15	203080000044	4	Sheath
16	203080000020	4	Lock
17	203080000405	1	Sheath
18	203080000046	1	Lock
19	203080000086	1	Sheath
20	203070000008	1	Fuse
21	203080003019	2	Sheath
22	203080003024	2	Lock
23	203080003020	2	Sheath
24	203080003022	2	Lock
25	203080003018	2	Sheath
26	203080003023	2	Lock
27	203080000410	19	Sheath
28	203080000016	19	Lock
29	203080000517	1	Connector, 21-pin, female
30	203060000096	3	End clip, 180 deg.
31	203080000520	1	Connector, 31P, female
32	203080000515	1	Connector, 31P, male
33	203070000018	2	Fuse
34	203080000404	3	Sheath
35	203080000032	3	Lock
36	203080000134	2	Terminal, blade-hole type
37	203070003014	1	Fuse

No.	Part No.	Qty.	Description
38	203080000492	1	Cover, waterproof
39	203070003055	1	Aluminum shell heat dissipation resistance
40	203080000474	1	Cover, waterproof
41	203080000428	2	Pin, female
42	203080000041	101	Female connector
43	203080003021	17	Terminal, 35P, AMP
44	203080000298	3	Terminal
45	203080000033	20	Male connector
46	203060000086	4	Terminal, male
47	203060000085	12	Terminal, female
48	203060000097	7	Terminal, #12, female
49	203080003296	32	Corrugated pipe
50	203080003291	1	Corrugated pipe
51	203080003290	4	Corrugated pipe
52	203080003289	11	Corrugated pipe
53	203080003288	10	Corrugated pipe
54	203080003287	14	Corrugated pipe
55	203080003297	10	Corrugated pipe
56	203080003300	7	Corrugated pipe
57	203080003286	13	Corrugated pipe
58	203080003285	2	Corrugated pipe
59	203080003273	19	Cable
60	203080000564	30	Cable, thin wall (white)
61	203080003313	2	Cable, thin wall
62	203080003267	19	Cable
63	203080000562	27	Cable, thin wall (red)
64	203080003399	7	Cable
65	203080003400	2	Cable, thin wall
66	203080003269	19	Cable
67	203080000563	26	Cable, thin wall (black)
68	203080003298	2	Corrugated pipe

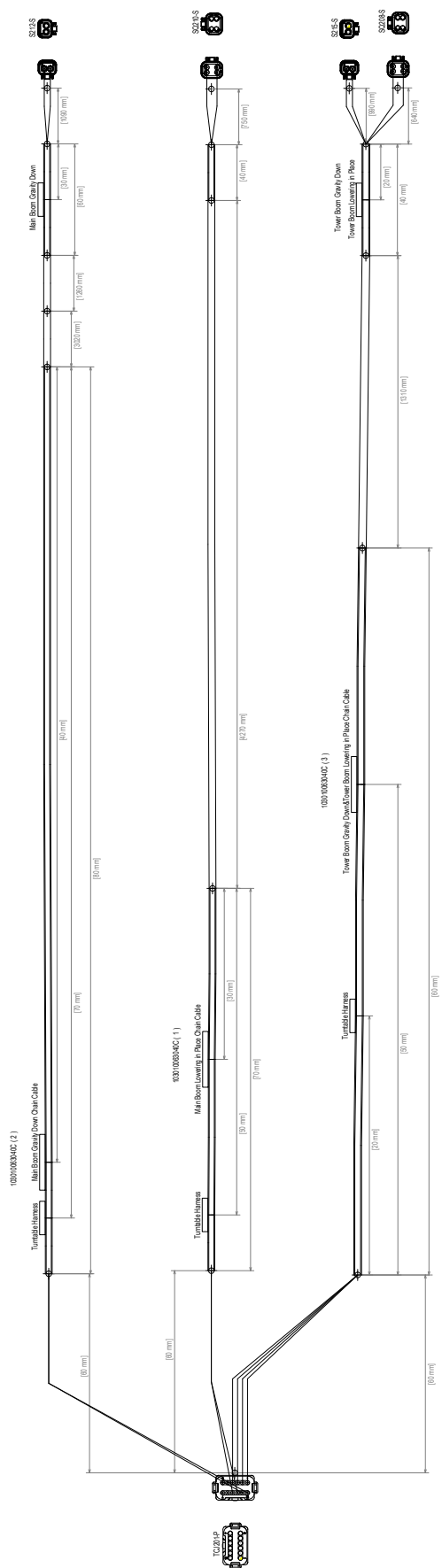
No.	Part No.	Qty.	Description
	103010063034	1	Platform Harness
1	203080000515	1	Connector, 31P, male
2	203060000096	2	End clip, 180 deg.
3	203080000403	1	Sheath
4	203080000157	1	Lock
5	203080003277	12	Splitter
6	203080000520	1	Connector, 31P, female
7	203240000002	1	Main label
8	203240000001	15	Function label
9	203080000410	9	Sheath
10	203080000474	2	Cover, waterproof
11	203080000016	9	Lock
12	203080000404	1	Sheath
13	203080000473	1	Cover, waterproof
14	203080000032	1	Lock
15	203080000408	1	Sheath
16	203080000021	1	Lock
17	203080000033	24	Male connector
18	203080000041	31	Female connector
19	203080000068	40	Blind plug
20	203080000406	1	Sheath
21	203080003219	1	Cover, waterproof
22	203080000112	1	Lock
23	203080000041	8	Female connector
24	203080003296	10	Corrugated pipe
25	203080003298	2	Corrugated pipe
26	203080003287	9	Corrugated pipe
27	203080003288	3	Corrugated pipe
28	203080003289	1	Corrugated pipe
29	203080003290	1	Corrugated pipe
30	203080003273	7	Cable
31	203080000564	7	Cable, thin wall (white)
32	203080003274	1	Cable, thin wall
33	203080003313	10	Cable, thin wall
34	203080000562	14	Cable, thin wall (red)
35	203080000563	9	Cable, thin wall (black)
36	203080003326	4	Cable, thin wall

No.	Part No.	Qty.	Description
37	203080003399	1	Cable
38	203080003300	1	Corrugated pipe
39	203080003286	1	Corrugated pipe
40	203080003400	1	Cable, thin wall
41	203080003297	1	Corrugated pipe



No.	Part No.	Qty.	Description
	103010063039	1	Towline Cable
1	203080000413	1	Sheath
2	203240000002	5	Main label
3	203080000403	1	Sheath
4	203080000157	1	Lock
5	203240000001	8	Function label
6	203080000033	12	Male connector
7	203080000044	1	Sheath
8	203080000020	1	Lock
9	203080000558	2	Cable, cable track
10	203080003322	1	Shield cable
11	203080003505	1	Cable, cable track

6.13 SENSOR HARNESS (PN.103010063040)



No.	Part No.	Qty.	Description
	103010063040		Sensors Harness
1	203080000403	1	Sheath
2	203080000157	1	Lock
3	203240000001	5	Function label
4	203240000002	3	Main label
5	203080000033	4	Male connector
6	203080000041	4	Female connector
7	203080000410	2	Sheath
8	203080000016	2	Lock
9	203080000044	2	Sheath
10	203080000020	2	Lock
11	203080000557	1	Cable, chain
12	203080000558	2	Cable, cable track

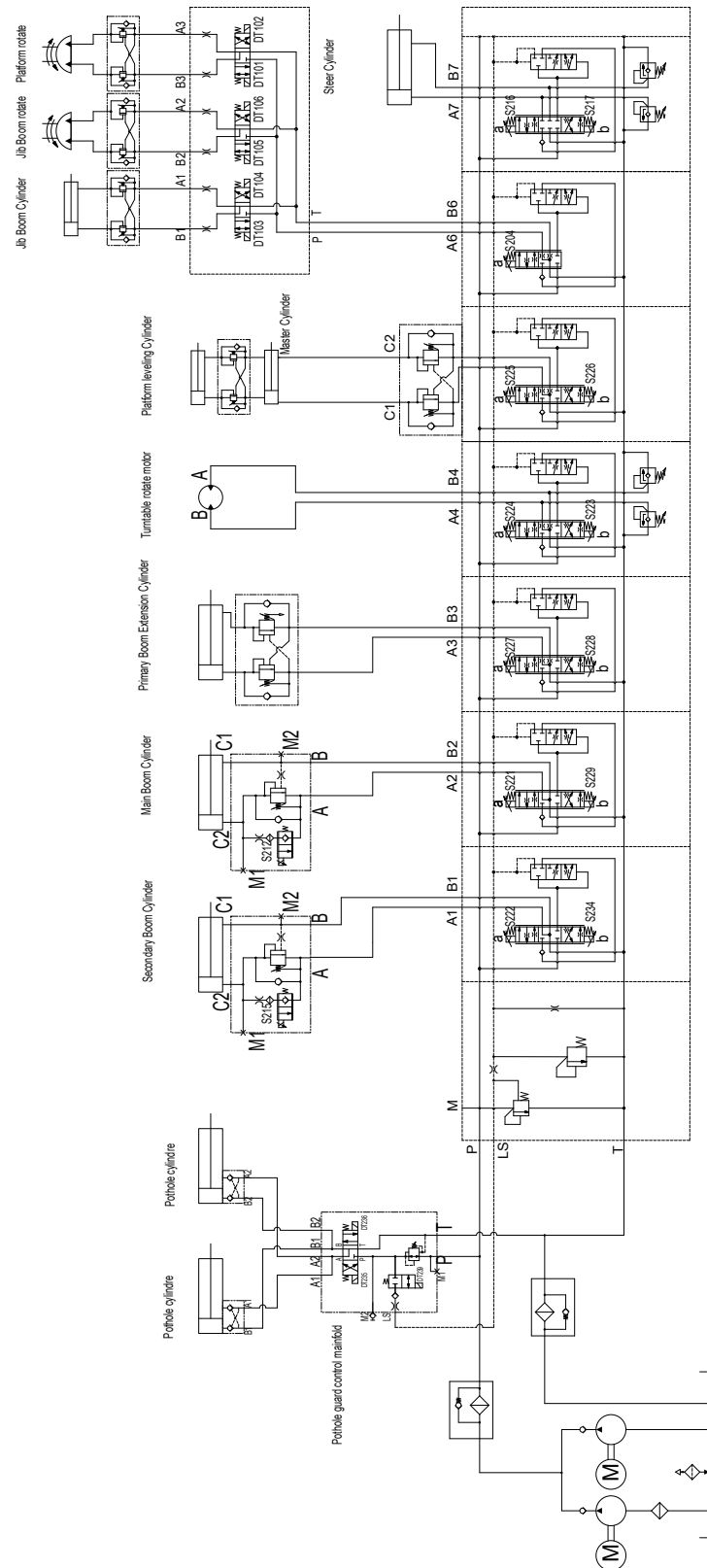
No.	Part No.	Qty.	Description
1	103010063041	1	Power Wiring Harness
2	103010063042	1	Power Wiring Harness
3	103010063043	1	Power Wiring Harness
4	103010063044	1	Power Wiring Harness
5	103010063047	1	Power Wiring Harness
6	103010063048	1	Power Wiring Harness
7	103010063049	1	Power Wiring Harness
8	103010063050	1	Power Wiring Harness
9	103010063051	1	Power Wiring Harness
10	103010063053	1	Power Wiring Harness
11	103010063055	1	Power Wiring Harness
12	103010063056	1	Power Wiring Harness
13	103010063057	1	Power Wiring Harness
15	103010063058	1	Power Wiring Harness
16	103010063059	1	Power Wiring Harness

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7 SCHEMATIC DIAGRAM

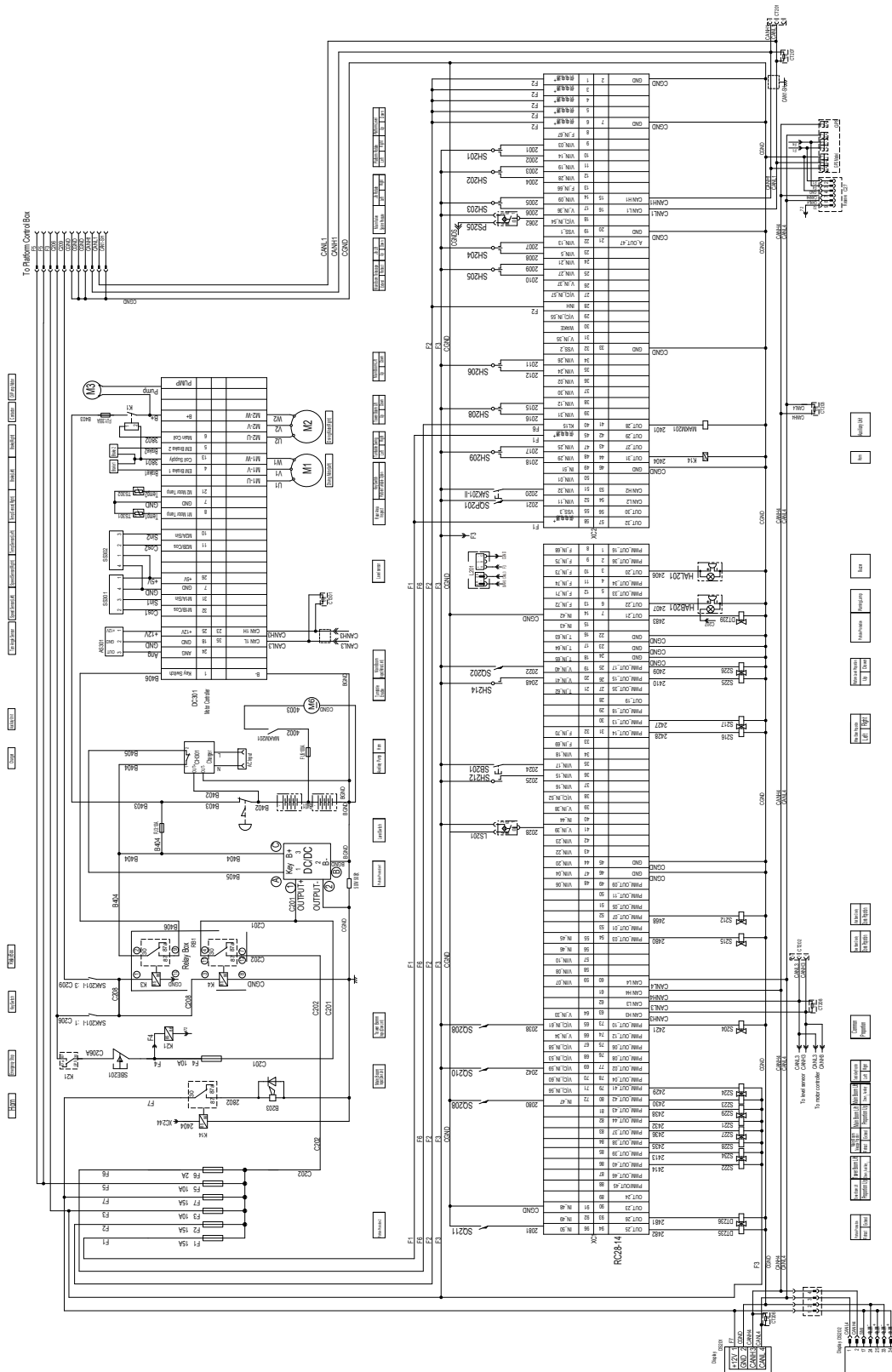
7.1 HYDRAULIC SCHEMATIC DIAGRAM

Hydraulic Schematic Diagram

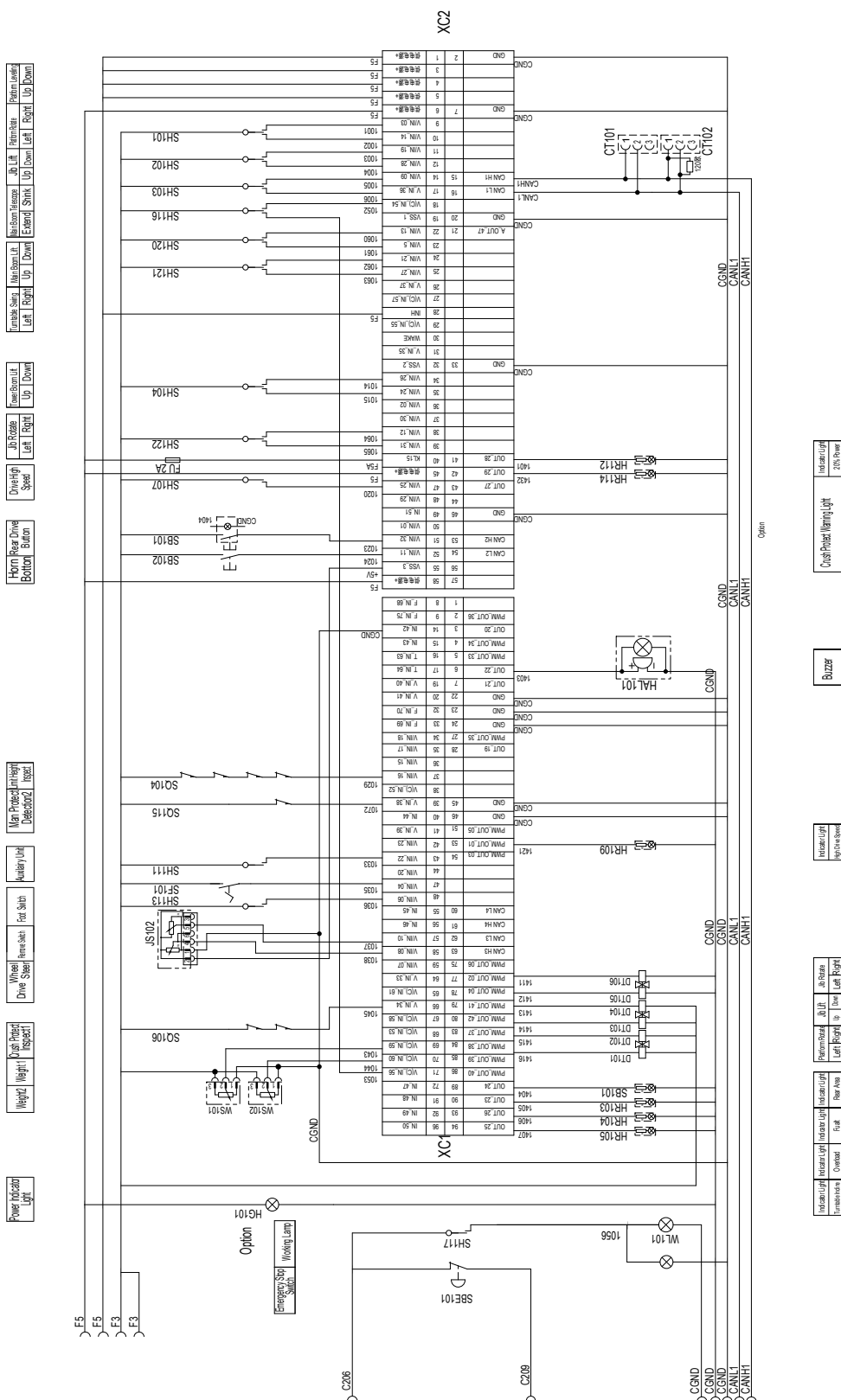


7.2 ELECTRICAL SCHEMATIC DIAGRAM

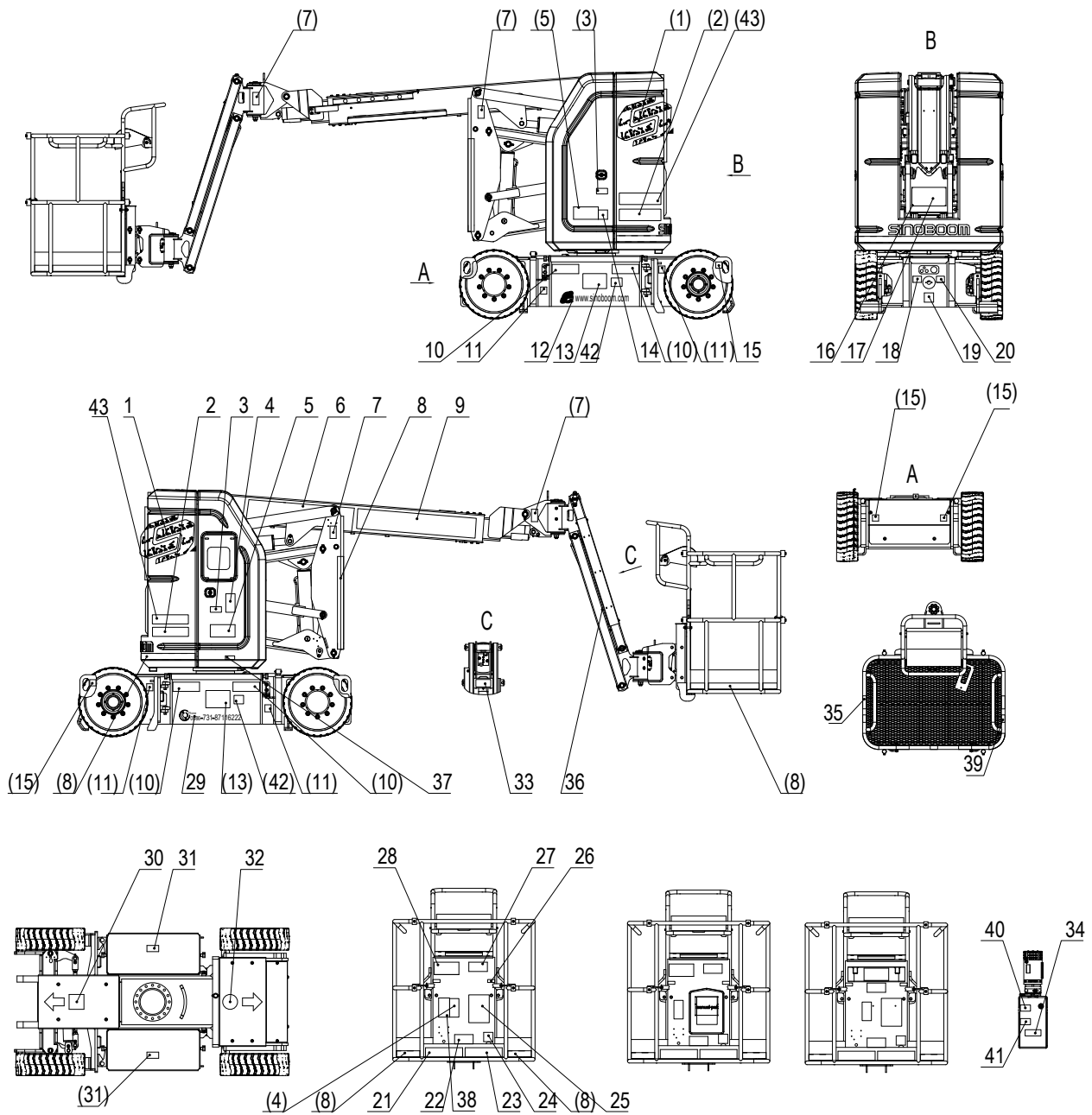
Electrical Schematic Diagram of Turntable



Electrical Schematic Diagram of Platform



8 DECALS DIAGRAM

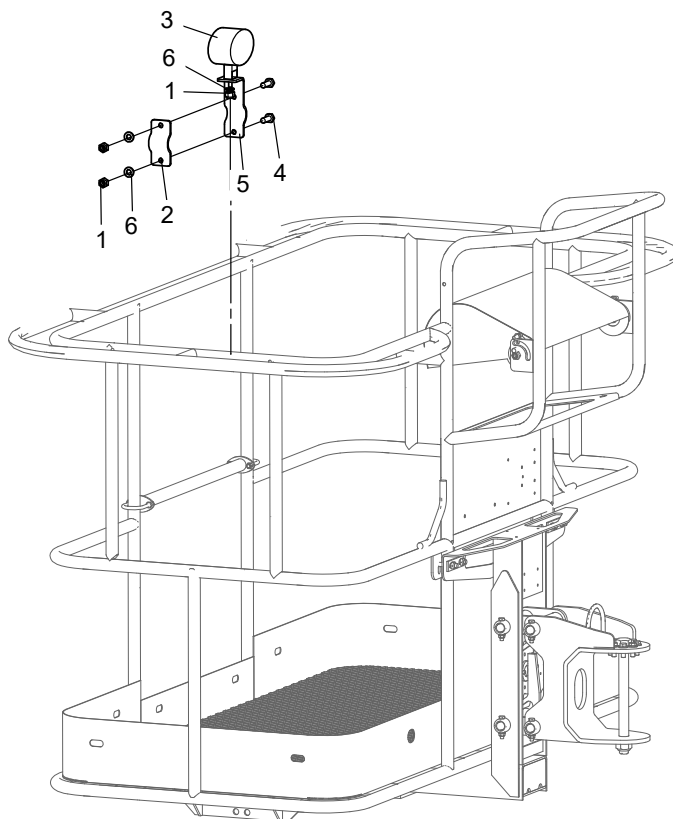


No.	GB	CE-Metric	CE-Imperial	AS	CSA	ANSI	Description
	103010103005	103010103007	103010103009	103010103010	103010103008	103010103006	Decals diagram
1	103008103006	103008103006	103008103006	103008103006	103008103006	103008103006	LOGO-Symbol
2	103010103002	103010103002	103010103012	103010103002	103010103012	103010103012	Decal-Trade ID
3	103010103015	103010103016	103010103016	103010103016	103010103016	103010103016	No rotating while the turntable cover is opened
4	103010103000	103010103000	103010103000	103010103000	103010103000	103010103000	Decal-General safety instructions
5	104011100006	104011100006	104011100006	104011100006	104011100006	104011100006	Decal-Compartment overhaul
6	103010103003	103010103003	103010103011	103010103003	103010103011	103010103011	Decal-Trade ID
7	103009103009	103009103009	103009103009	103009103009	103009103009	103009103009	Decal-Crushing hazard
8	216060000002	216060000002	216060000002	216060000002	216060000002	216060000002	Yellow & black hazard warning stripe tape
9	105058103003	105058103003	105058103003	105058103003	105058103003	105058103003	LOGO-SINOBOOM (small)
10	104011100001	104011100001	104011100001	104011100001	104011100001	104011100001	Decal-Tipping hazard
11	103006103009	103006103009	103006103009	103006103009	103006103009	103006103009	Decal-Ground pressure 3580kg
12	103003100004	103003100009	103003100009	103003100009	103003100009	103003100009	Decal-Contact information
13	103010103017	103010103017	103010103017	103010103017	103010103017	103010103017	Decal-Recyclable logo Decal-Lead acid battery (GB only)
14	101016100034	101016100034	101016100034	101016100034	101016100034	101016100034	Decal-Noise level of 72dB
15	104011100002	104011100002	104011100002	104011100002	104011100002	104011100002	Decal-Lifting point
16	215050000001	215050000001	215050000001	215050000001	215050000001	215050000001	Blind rivet
17	105001100057	103010103019	103010103019	105018100005	103004103005	103004103005	Nameplate
18	101016100032	101016100032	101016100032	101016100032	101016100032	101016100032	Decal-Charging voltage
19	104011100016	104011100016	104011100016	104011100016	104011100016	104011100016	Decal-Emergency stop button
20	101012100010	101012100010	101012100010	101012100010	101012100010	101012100010	Decal-Electrocution hazard

No.	GB	CE-Metric	CE-Imperial	AS	CSA	ANSI	Description
21	103007103002	103007103002	103007103002	103007103002	103007103002	103007103002	Decal-Tipping hazard
22	104011100019	104011100019	104011100019	104011100019	104011100019	104011100019	Decal-Crushing hazard
23	103007103001	103007103001	103007103001	103007103001	103007103001	103007103001	Decal-Rated platform capacity of 230kg
24	104011100017	104011100017	104011100017	104011100017	104011100017	104011100017	Decal-Foot switch
25	103010103004	103010103004	103010103004	103010103004	103010103004	103010103004	Decal-Diagram of working envelope
26	101048100014	101016100030	101016100030	101016100030	101016100030	101016100030	Decal-Anchorage point
27	104011100009	104011100009	104011100009	104011100009	104011100009	104011100009	Decal-Read manuals
28	104011100015	104011100015	104011100015	104011100015	104011100015	104011100015	Decal-Tipping hazard
29	103003100013	103003100015	103003100015	103003100015	103003100015	103003100015	Decal-Contact information
30	103006103011	103006103011	103006103011	103006103011	103006103011	103006103011	Decal-Direction marking
31	101012100001	101012100001	101012100001	101012100001	101012100001	101012100001	Decal-No smoking or open flames
32	103003100010	103003100010	103003100010	103003100010	103003100010	103003100010	Decal-Direction marking
33	103010103001	103010103001	103010103001	103010103001	103010103001	103010103001	Decal-Fall hazard
34	104009100018	104009100022	104009100022	104009100022	104009100022	104009100022	Decal-Hydraulic oil marking
35	104011100021	104011100021	104011100021	104011100021	104011100021	104011100021	Decal-Crushing hazard
37	/	/	/	/	101040103015	101040103015	Decal-Annual inspection date
38	/	/	/	/	105029103023	105029103023	Decal-Operation instructions
39	/	/	/	/	103010103014	103010103014	Decal-Non-insulated
40	104011100010	104011100010	104011100010	104011100010	104011100010	104011100010	Decal-Hydraulic oil level
41	104011100003	104011100003	104011100003	104011100003	104011100003	104011100003	Decal-Hydraulic oil level
42	103010103018	/	/	/	/	/	Decal-QR code (small)
43	105068103021	/	/	/	/	/	Decal-NEO (small)

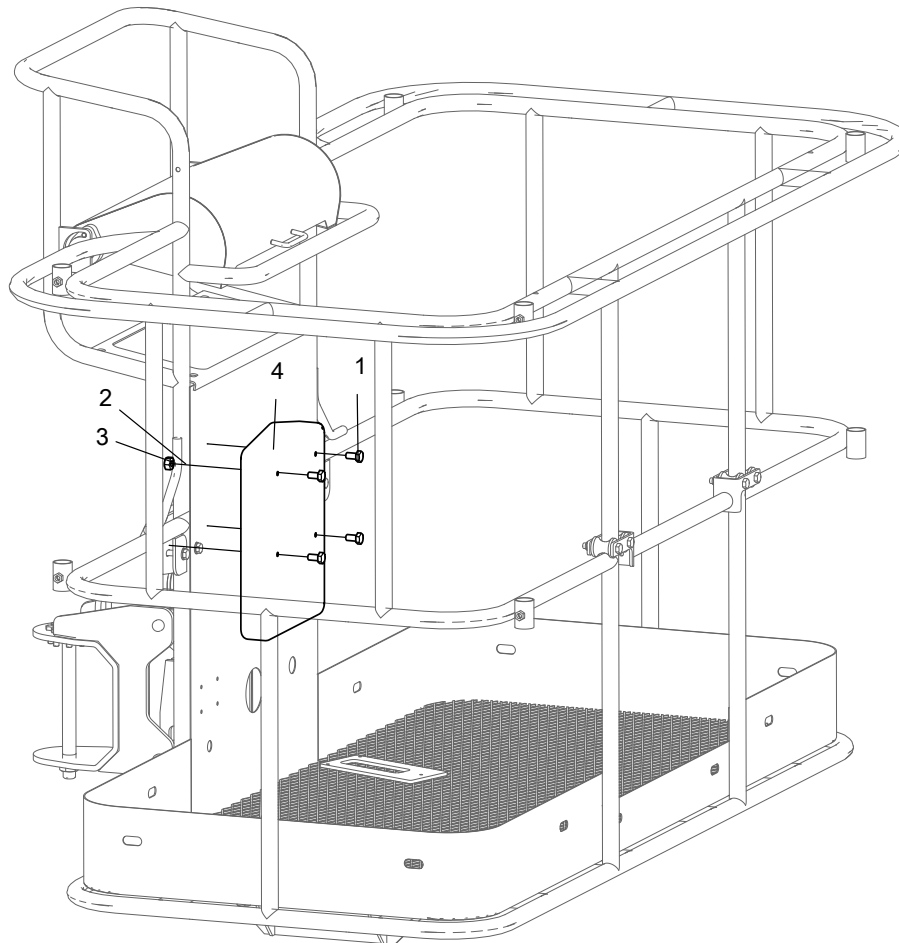
9 OPTIONS

9.1 WORK LIGHT INSTALLATION



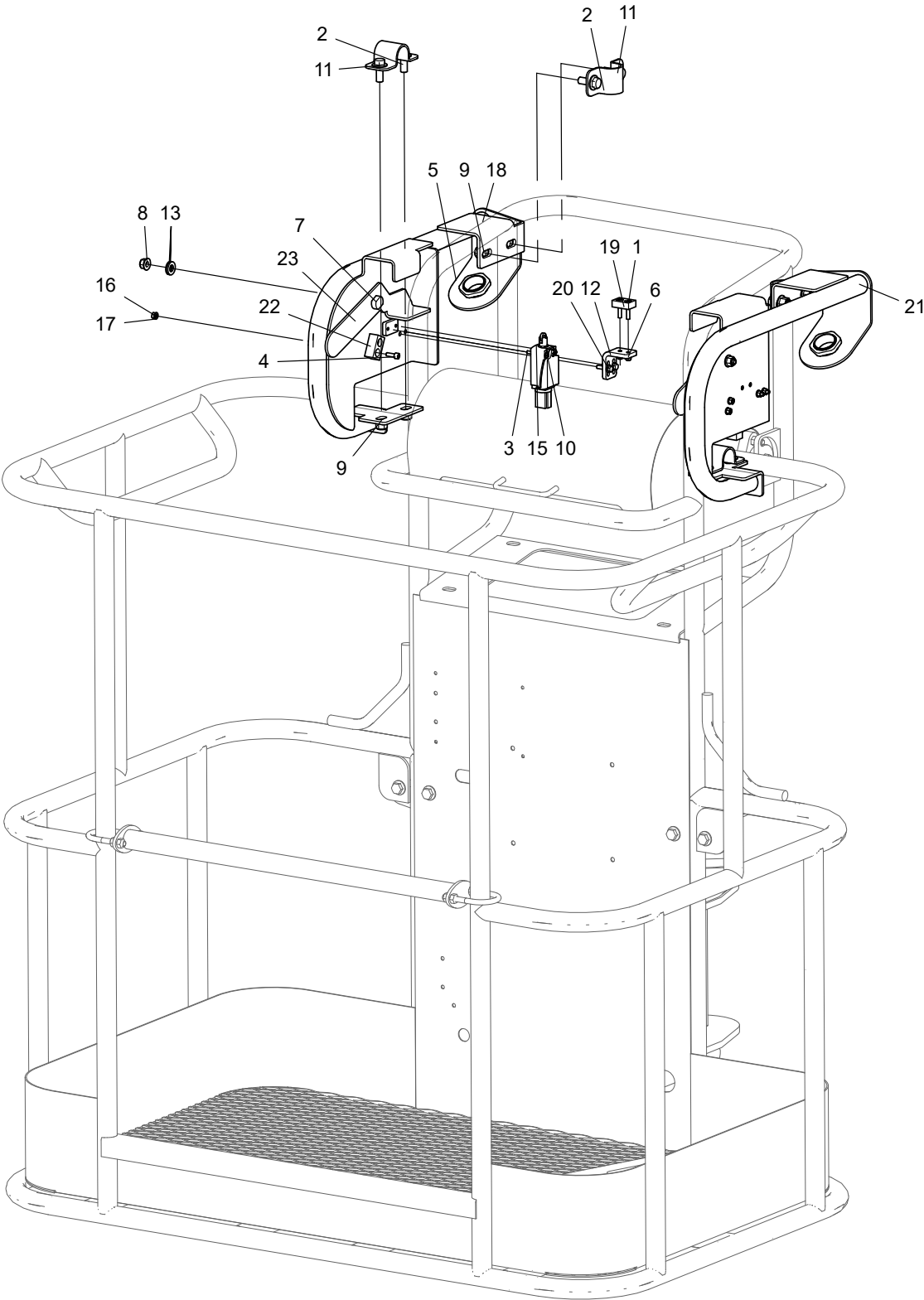
No.	Part No.	Qty.	Description
1	215030000026	3	Nut M8-8-ZnD GB/T889.1
2	105017060067	1	Plate
3	203050000059	1	Work Light
4	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
5	105017060066	1	Plate
6	215040000034	3	Washer 8-200HV-ZnD GB/T 97.1
7	203080000104	2	Cable, copper-cored(Not shown)
8	203080000033	2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

9.2 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

9.3 SECONDARY GUARDING INSTALLATION



No.	Part No.	Qty.	Description
1	215020000113	4	Screw M5×25-A2-70 GB/T 818
2	105029043013	4	Plate
3	215020000212	4	Screw M4×35-A2-70 GB/T 818
4	215020000007	4	Screw M5×16-A2-70 GB/T 70.1
5	203050003058	2	Beacon Light
6	215030000091	4	Nut M5-A2-70 GB/T 6184
7	105070043031	2	Bolt
8	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
9	215030000109	8	Nut M10-8-ZnD GB/T 6183.1
10	215040000031	4	Washer 4-A2 GB/T 97.1
11	215010000238	8	Bolt M10×25-8.8-ZnD GB/T 5789
12	105070043028	2	Bending plate
13	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
14	105078063081	1	Harness, anti-pinch device(Not shown)
15	203060003031	2	Travel switch
16	215030000003	8	Nut M5-A2-70 GB/T 6170
17	215040000032	12	Washer 5-A2 GB/T 97.1
18	105070043032	1	bracket
19	209990003011	2	magnet
20	215010000256	4	Bolt M5×20-8.8-ZnD GB/T 5789
21	105070043030	1	bracket
22	103010013495	2	Pad
23	103010043269	1	Bracket

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