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Translated version

# Parts Manual

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GTJZ0608E/0608E/2132E

GTJZ0808E/0808E/2732E



CE GB ANSI SFA AS/NZS EAC

**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](http://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](http://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.**



# APPLICABLE MODELS

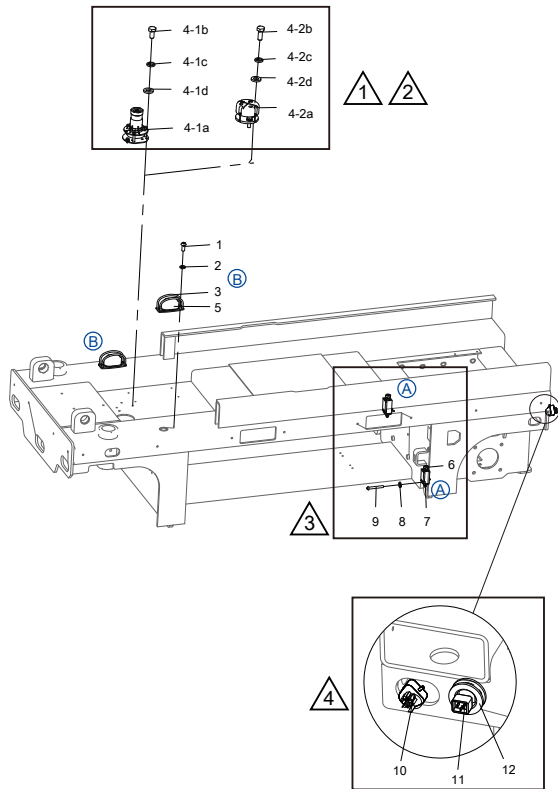
The manual is applicable to machines with the following models and serial numbers:

Model	Metric Trade ID	Imperial Trade ID	Serial No.
GTJZ0608E	0608E	2132E	0105300432 to present
GTJZ0808E	0808E	2732E	0105401469 to present

## Note:

- Check the machine model and serial number on the machine nameplate, and whose position can be found in the ***Diagram of Decals Positions*** 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	21502000110	4	螺钉 M5×12-A2-70 GB/T 81
2	21504000003	4	垫圈 5-A2-70 GB/T 93
3	20399000003	4	防护罩
4	101053063017		水平开关安装选配
4-1a	20315000066	1	水平开关
4-1b	21501000049	3	螺栓 M6×12-A2-70 GB/T 5783
4-1c	21504000004	3	垫圈 6-A2-70 GB/T 93
4-1d	21504000033	3	垫圈 6-A2 GB/T 97.1
4-2a	20306000076	1	水平开关
4-2b	21501000050	3	螺栓 M6×16-A2-70 GB/T 5783
4-2c	21504000004	3	垫圈 6-A2-70 GB/T 93
4-2d	21504000033	3	垫圈 6-A2 GB/T 97.1
5	20305000038	2	LED频闪灯
6	20199000305	2	尼龙防水接头
7	20306000055	2	行程开关
8	21504000003	2	垫圈 5-A2-70 GB/T 93
9	21502000215	2	螺钉 M5×40-A2-70 GB/T 818
10	20308000173	1	充电插头线
11	20308000343	1	品字公母对接线
12	101032030115	1	保护套

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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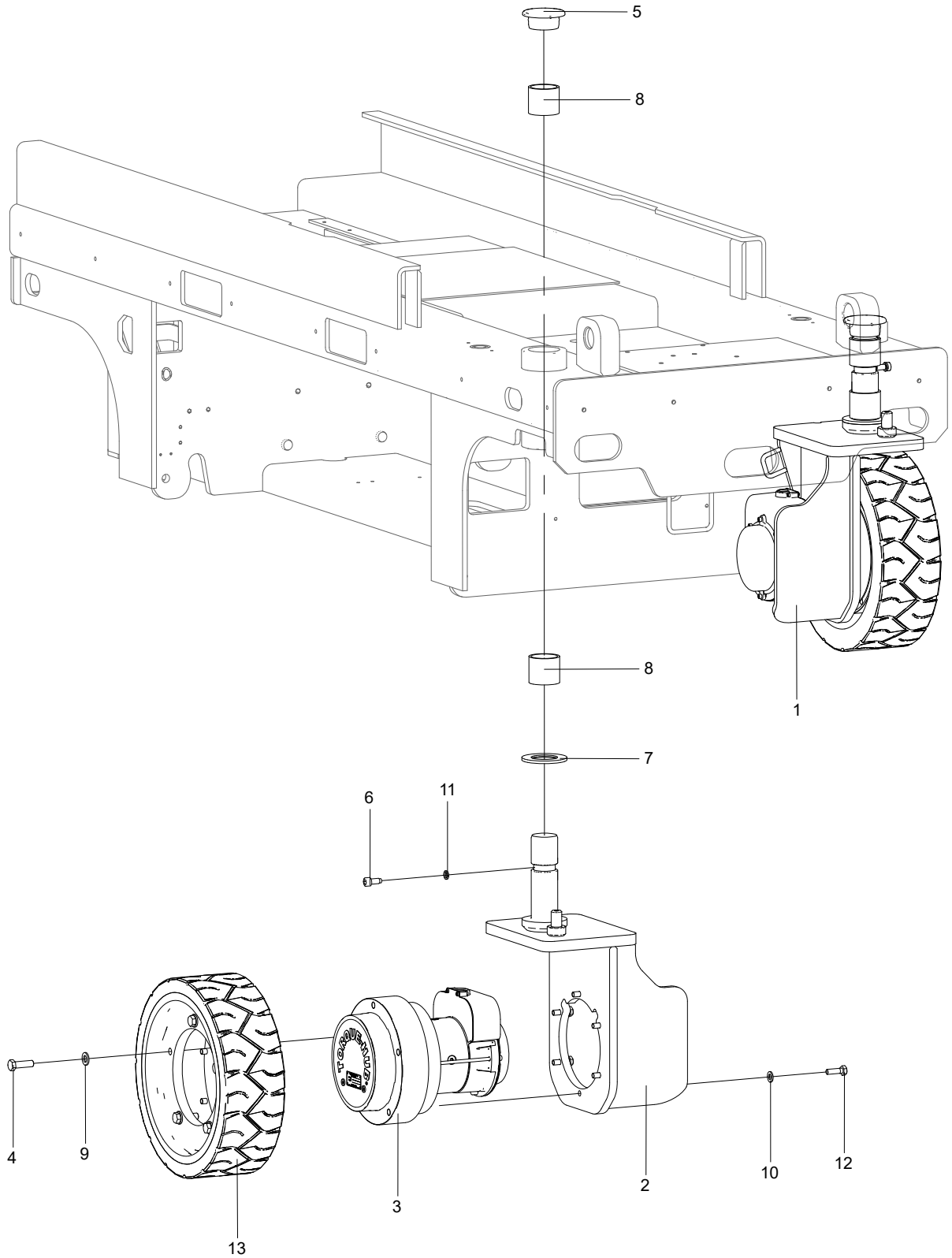
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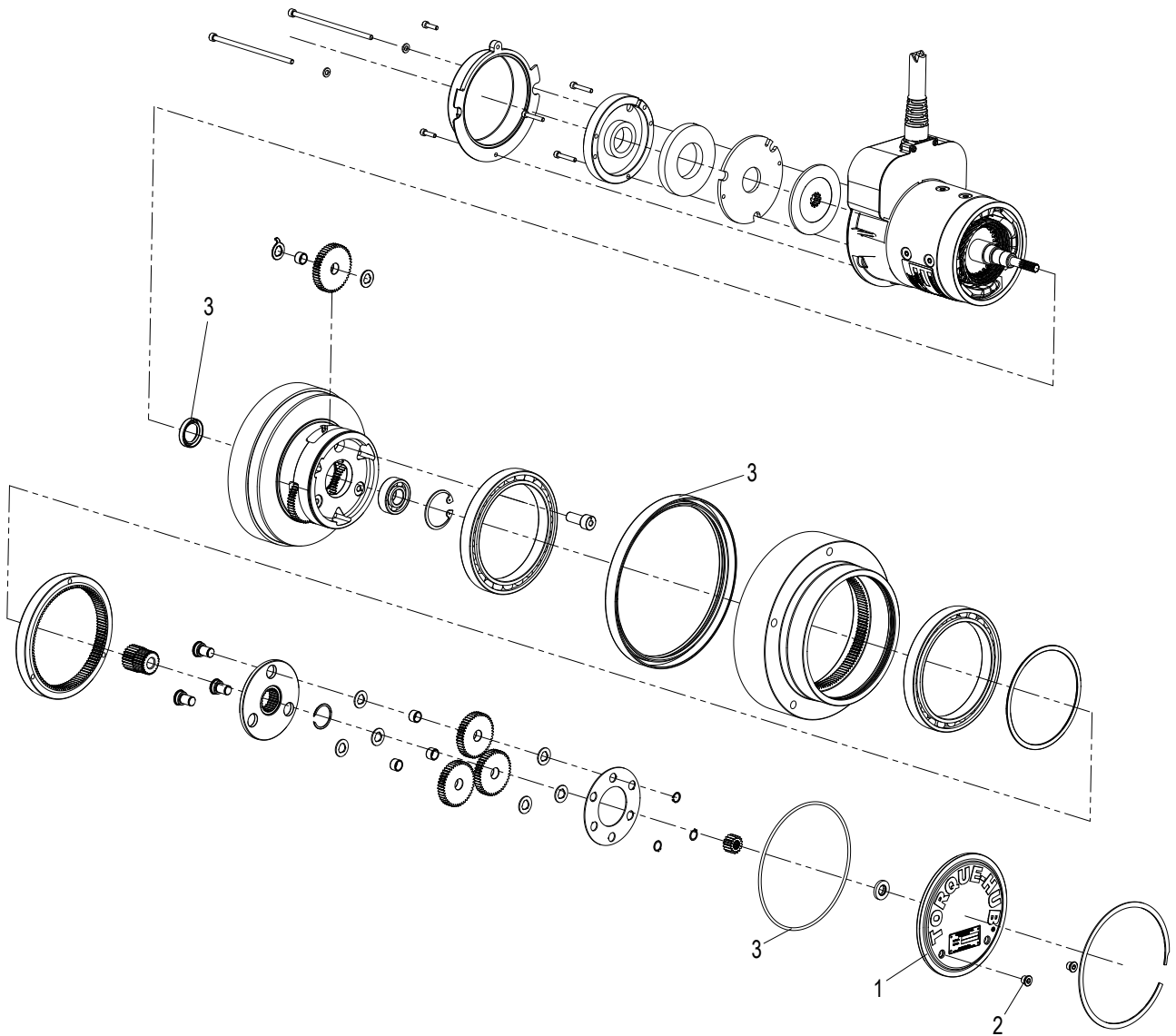
# 1 CHASSIS ASSEMBLY

# 1.1 DRIVE INSTALLATION



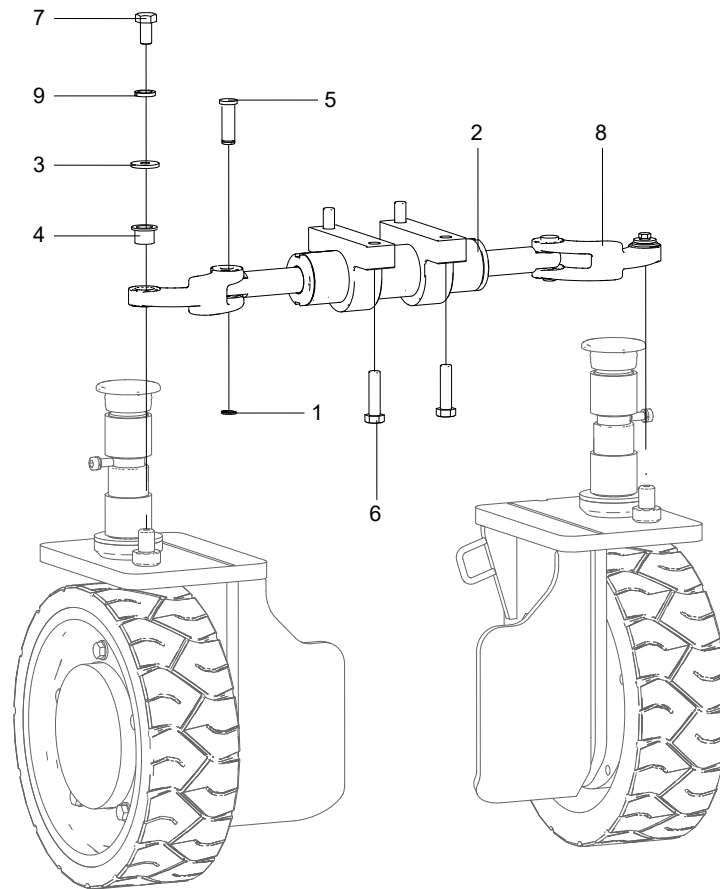
No.	Part No.	Qty.	Description
1	101054033042	1	Wheel carrier, Left
2	101054033043	1	Wheel carrier, Right
3	203010003036	2	DC travel reducer
4	215010000226	10	Bolt M12×1.5×40-10.9-DKL GB/T 5786
5	101039030018	2	Plug
6	101032030107	2	Special Bolt
7	101039030112	2	Pad
8	214030000067	4	Self-lubricating bushing 50×58×50
9	215040000037	10	Washer 12-200HV-ZnD GB/T 97.1
10	215040000035	12	Washer 10-200HV-ZnD GB/T 97.1
11	215040000006	2	Washer 10-ZnD GB/T 93
12	215080000023	12	Hexagon bolt 3/8-16UNC-1.25-GR8-DKL ASME B18.2.1
13	204080000010	2	Solid tyre

1.2 DRIVE REDUCER, DC (PN.203010003036)



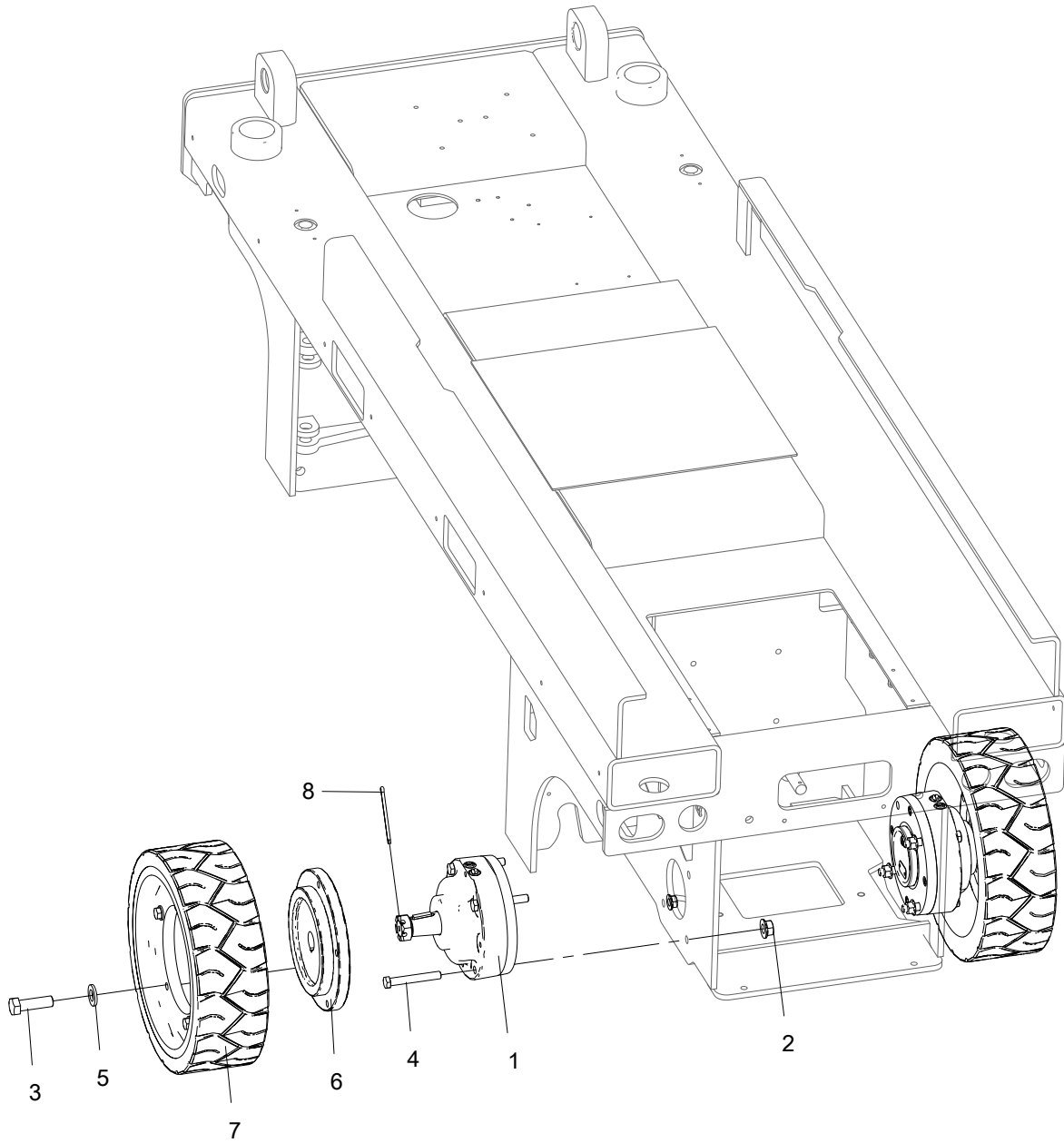
No.	Part No.	Qty.	Description
1	216990003049	1	End cap
2	207080003001	2	Oil plug
3	207060003006	1	Seal kit

## 1.3 STEER INSTALLATION



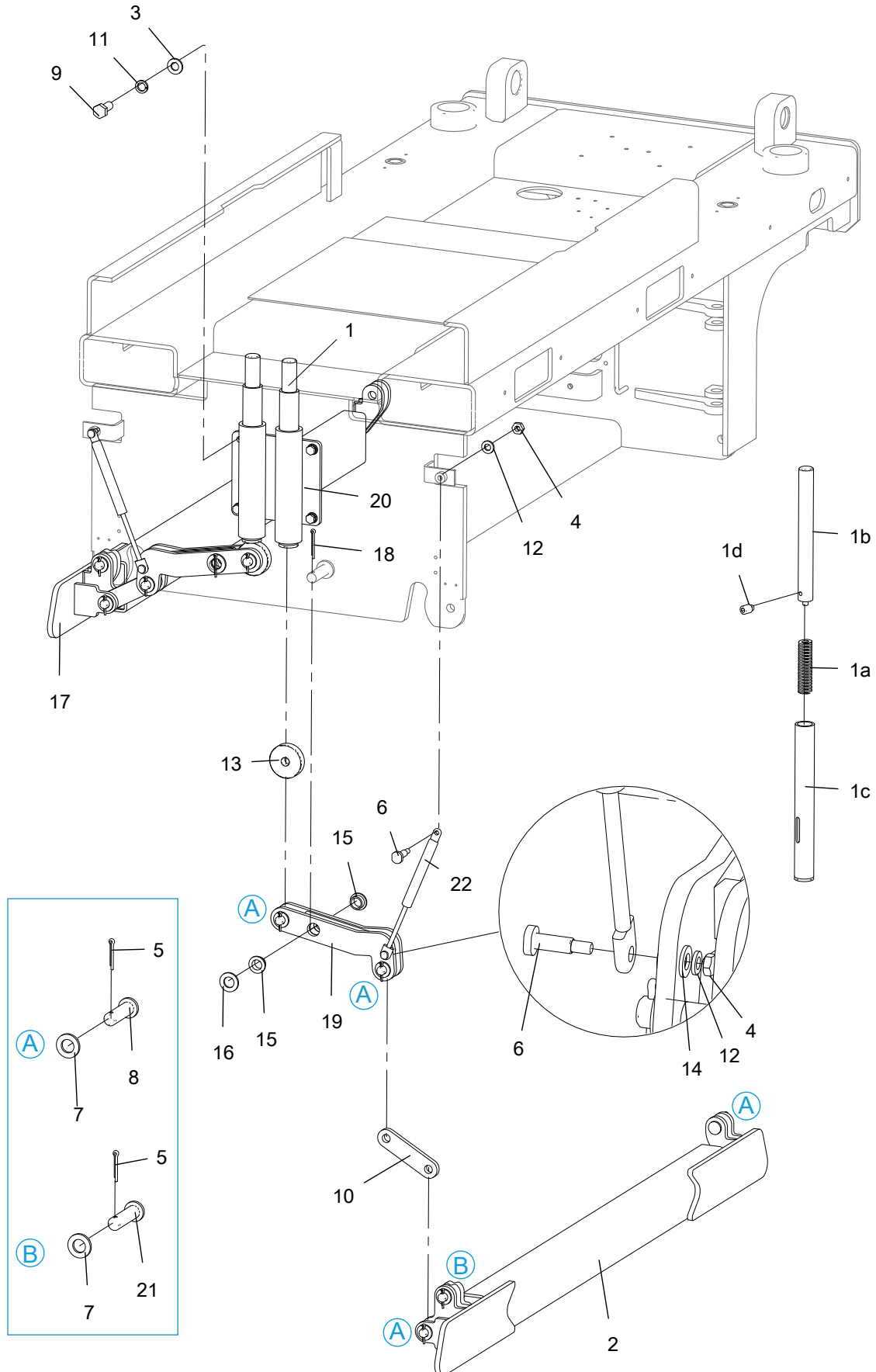
No.	Part No.	Qty.	Description
1	215040000134	2	Retaining ring 16-DKL JB/ZQ 4342
2	101013050001	1	Steer cylinder(E)
2a-1	207990003007	1	Seal kit, cylinder(1000122)
2a-2	207990003008	1	Seal kit, cylinder(1000215)
2a-3	207990003010	1	Seal kit, cylinder(1000145)
2a-4	207990003347	1	Seal kit, cylinder(1000898)
2a-5	207990003402	1	Seal kit, cylinder(1000792)
3	215040000103	2	Washer 8-100HV-ZnD GB/T 5287
4	214030000082	2	Flange self-lubricating bearing
5	101048033028	2	Clevis pin XJΦ16×55
6	215010000195	4	Bolt M14×1.5×55-10.9-DKL GB/T 5786
7	215010000056	2	Bolt M8×16-8.8-ZnD GB/T 5783
8	101042030017	2	Steer linkage
9	215040000005	2	Washer 8-ZnD GB/T 93

# 1.4 REAR WHEEL INSTALLATION



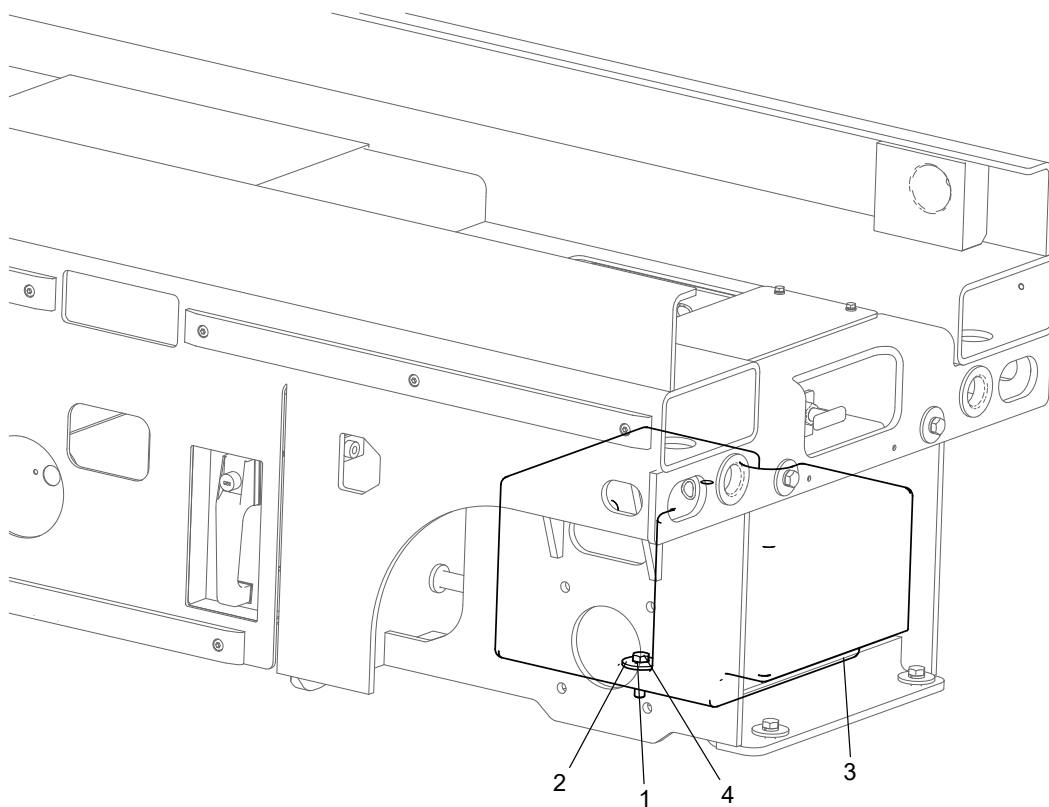
No.	Part No.	Qty.	Description
1	202050000006	2	Bearing seat
2	215030000093	8	Hexagon flange nut 1/2-13UNC-GR8-DKL ASME B18.2.3
3	215010000226	10	Bolt M12×1.5×40-10.9-DKL GB/T 5786
4	215080000025	8	Hexagon bolt 1/2-13UNC-3.5-GR8-DKL ASME B18.2.1
5	215040000037	10	Washer 12-200HV-ZnD GB/T 97.1
6	101045030005	2	Wheel flange
7	204080000010	2	Solid tyre
8	215060000008	2	Pin 4×63-ZnD GB/T 91

# 1.5 POTHOLE PROTECTION INSTALLATION



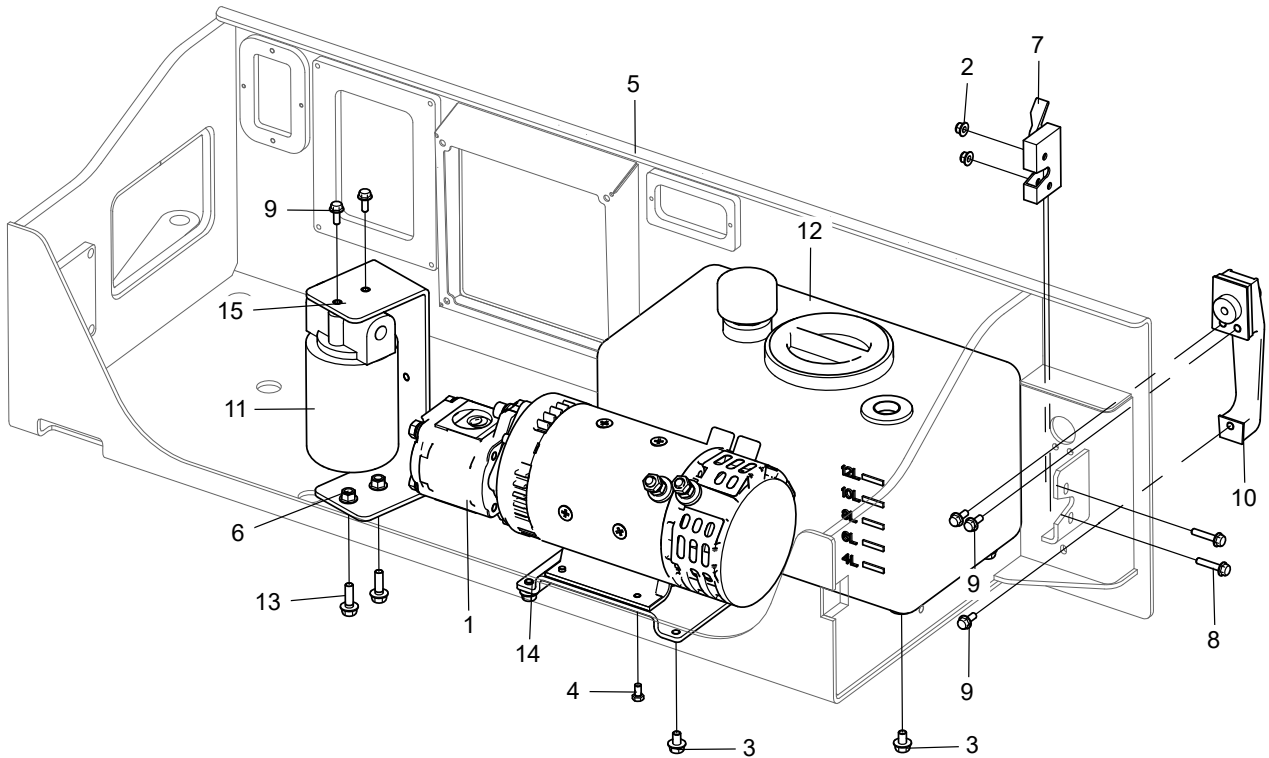
No.	Part No.	Qty.	Description
1	101039030026	2	Spring support
1a	210070000008	1	Spring
1b	101039030038	1	Clevis pin XJΦ27.5-270
1c	101039030068	1	Steel pipe
1d	215020000190	1	Screw M8×12-45H GB/T 79
2	101039030007	1	Pothole protection plate, Right
3	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
4	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
5	215060000066	10	Pin 4×25-ZnD GB/T 91
6	101014030008	4	Clevis pin XJΦ8-34
7	215040000039	10	Washer 16-200HV-ZnD GB/T 97.1
8	215060000039	8	Clevis pin B15×55-ZnD GB/T 882
9	215010000069	4	Bolt M10×25-8.8-ZnD GB/T 5783
10	101039030105	2	Link
11	215040000006	4	Washer 10-ZnD GB/T 93
12	215040000033	4	Washer 6-A2 GB/T 97.1
13	101014030007	2	Roller
14	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
15	214030000081	4	Flange self-lubricating bearing
16	215040000041	2	Washer 20-200HV-ZnD GB/T 97.1
17	101039030101	1	Pothole protection plate, Left
18	215060000007	2	Pin 4×32-ZnD GB/T 91
19	101042030016	2	Link
20	101042030026	1	Guide sleeve
21	215060000089	2	Clevis Pin
22	101052033006		Gas strut options
22-1	210010000074	2	Gas strut(1000164)
22-2	210010003013	2	Gas strut(1000986)

## 1.6 COUNTERWEIGHT INSTALLATION



No.	Part No.	Qty.	Description
1	215040000007	2	Washer 12-ZnD GB/T 93
2	215040000130	2	Washer 12-100HV-ZnD GB/T 5287
3	101042030040	1	Counterweight
4	215010000096	2	Bolt M12×45-8.8-ZnD GB/T 5783

1.7 RIGHT DOOR BOX INSTALLATION

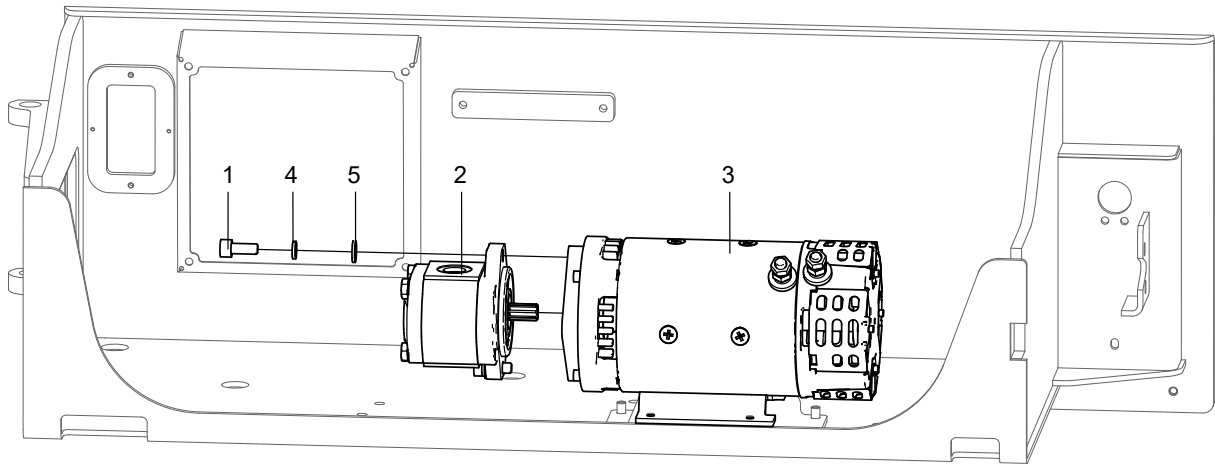


No.	Part No.	Qty.	Description
1	101039030107	1	Power unit installation
2	215030000107	2	Nut M6-8-ZnD GB/T 6183.1
3	215010000233	8	Bolt M8×12-8.8-ZnD GB/T 5789
4	215080000026	4	Hexagon bolt 1/4-20UNC-0.5-GR8-DKL ASME B18.2.1
5	101053030006	1	Weldment, Right door
6	215030000108	2	Nut M8-8-ZnD GB/T 6183.1
7	209050000020	1	Lock cylinder
8	215010000282	2	Bolt M6×30-8.8-ZnD GB/T 5789
9	215010000230	5	Bolt M6×16-8.8-ZnD GB/T 5789
10	209030000009	1	Lock handle
11	101039030059		Filter options
12	101045033000	1	Hydraulic oil tank
13	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
14	101039030023	1	Plate, bending
15	101048030002	1	Plate, bending

## 1.8 FILTER OPTIONS

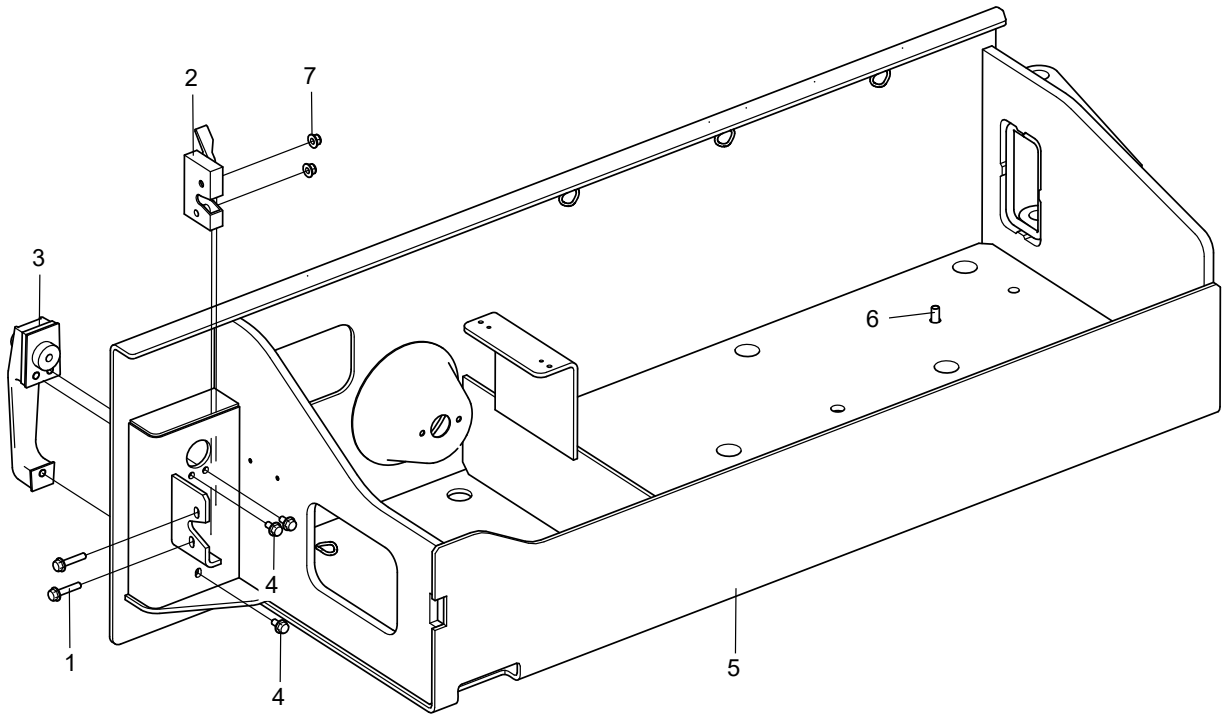
No.	Part No.	Qty.	Description
1	202080000001	1	Filter(1000181)
1a	2020800000024	1	Filter element, spin-on type
2	2020800000027	1	Filter (1000162)
2a	2020800000036	1	Return filter element

## 1.9 POWER UNIT INSTALLATION



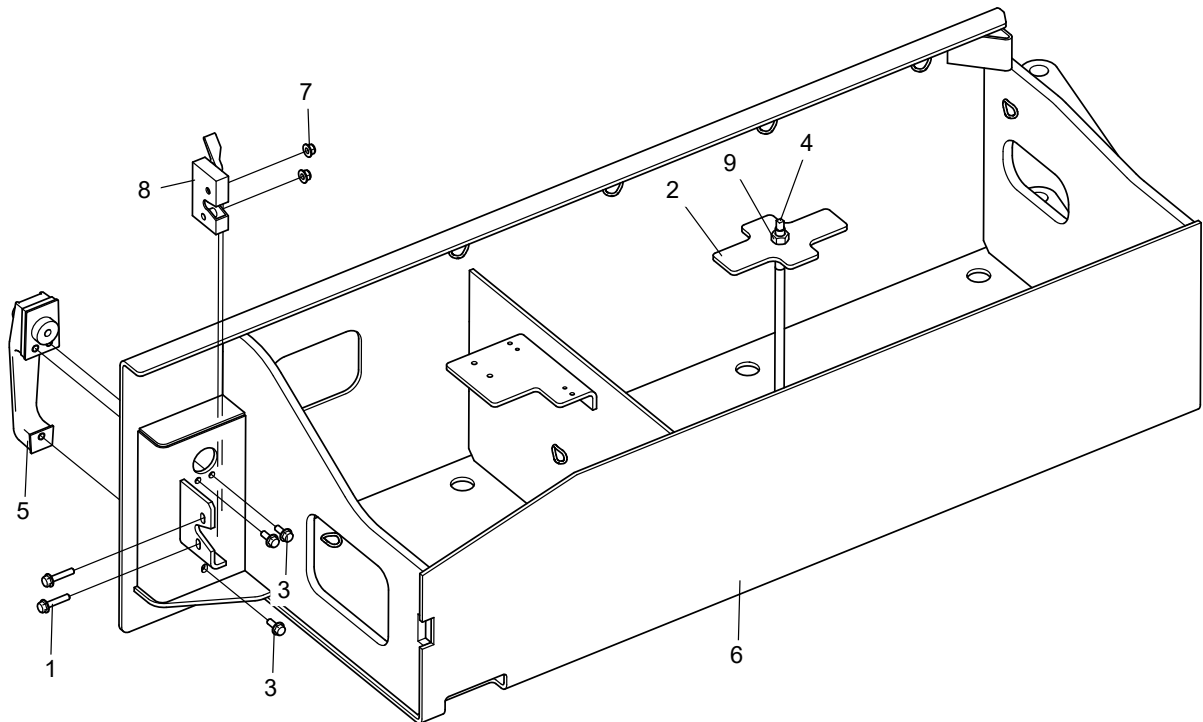
No.	Part No.	Qty.	Description
1	21508000001	2	Hexagon socket head cap screw 3/8-24UNF-1-GR8-DKL ASME B18.3
2	101039050005		Gear pump options
2-1	202010000034	1	Gear pump(1000106)
2-1a	207990003011	1	Seal kit, gear pump(Not shown)
2-2	202010003015	1	Gear pump(1000050)
2-2a	207990003174	1	Seal kit, gear pump(Not shown)
2-3	202010003054	1	Gear pump(1000659)
2-4	202010003056	1	Gear pump(1000631)
2-4a	207990003970	1	Seal kit, gear pump(Not shown)
3	101039030111		Options, Drive break assembly
3-1	203010003001	1	DC motor(1000031)
3-1a	203240000016	1	Carbon brush
3-2	202020000001	1	Oil pump motor(1000207)
4	215040000006	2	Washer 10-ZnD GB/T 93
5	215040000035	2	Washer 10-200HV-ZnD GB/T 97.1

1.10 LEFT DOOR ASSEMBLY (WITH LITHIUM BATTERY)



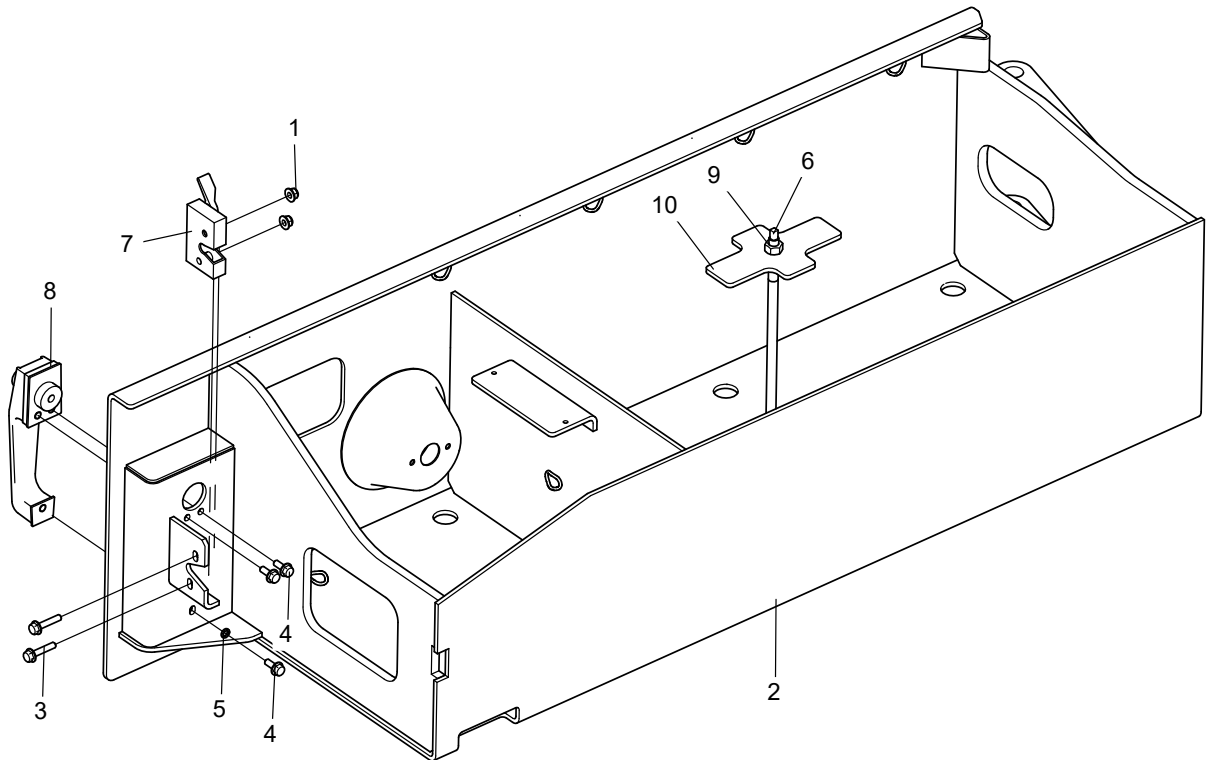
No.	Part No.	Qty.	Description
1	215010000282	2	Bolt M6×30-8.8-ZnD GB/T 5789
2	209050000021	1	Lock cylinder
3	209030000009	1	Lock handle
4	215010000281	3	Bolt M6×12-8.8-ZnD GB/T 5789
5	101054033070	1	Weldment, Left door
6	215010000289	4	Bolt M8×60-8.8-ZnD GB/T 5789
7	215030000107	2	Nut M6-8-ZnD GB/T 6183.1

1.11 LEFT DOOR ASSEMBLY (WITH EMERGENCY STOP PLUG)



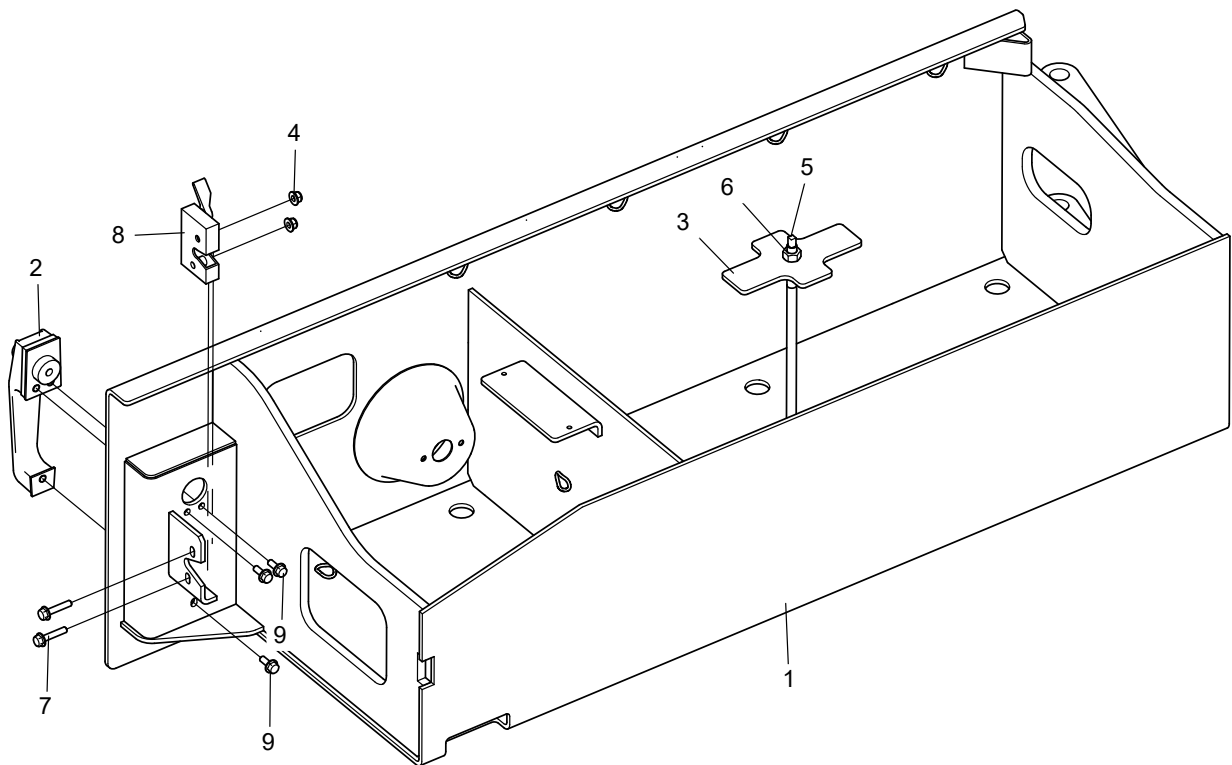
No.	Part No.	Qty.	Description
1	215010000282	2	Bolt M6×30-8.8-ZnD GB/T 5789
2	101038033051	1	Plate
3	215010000230	3	Bolt M6×16-8.8-ZnD GB/T 5789
4	101038033050	1	Screw rod
5	209030000002	1	Latch handle
6	101054033016	1	Weldment, left door
7	215030000107	2	Nut M6-8-ZnD GB/T 6183.1
8	209050000021	1	Lock cylinder
9	215030000006	1	Nut M10-8-ZnD GB/T 6170

1.12 LEFT DOOR ASSEMBLY (WITH LEAD-ACID BATTERY)



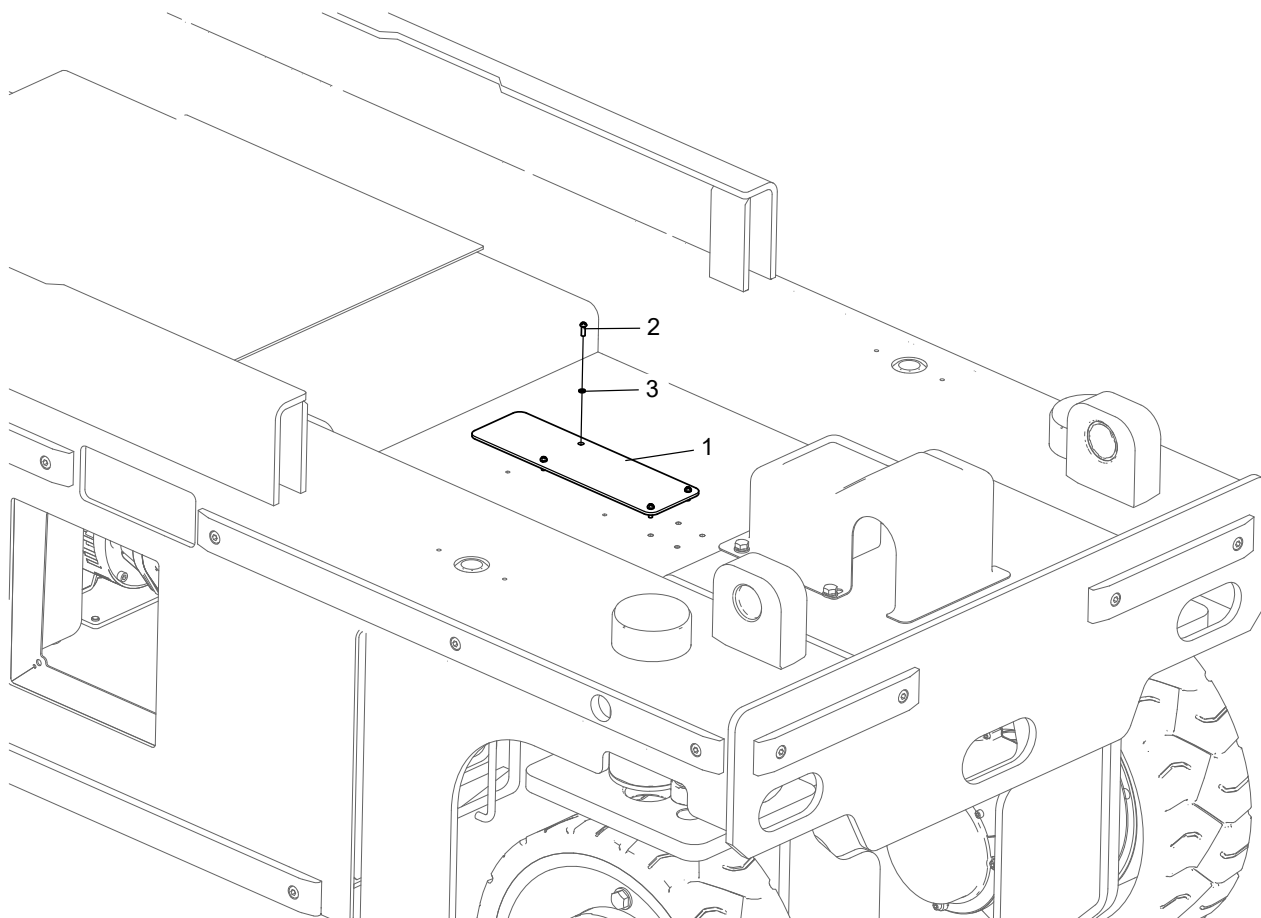
No.	Part No.	Qty.	Description
1	215030000107	2	Nut M6-8-ZnD GB/T 6183.1
2	101039030009	1	Weldment, left door
3	215010000282	2	Bolt M6×30-8.8-ZnD GB/T 5789
4	215010000230	3	Bolt M6×16-8.8-ZnD GB/T 5789
5	215040000004	1	Washer 6-A2-70 GB/T 93
6	101038033050	1	Screw rod
7	209050000021	1	Lock cylinder
8	209030000009	1	Lock handle
9	215030000006	1	Nut M10-8-ZnD GB/T 6170
10	101038033051	1	Plate

### 1.13 LEFT DOOR ASSEMBLY (AS)



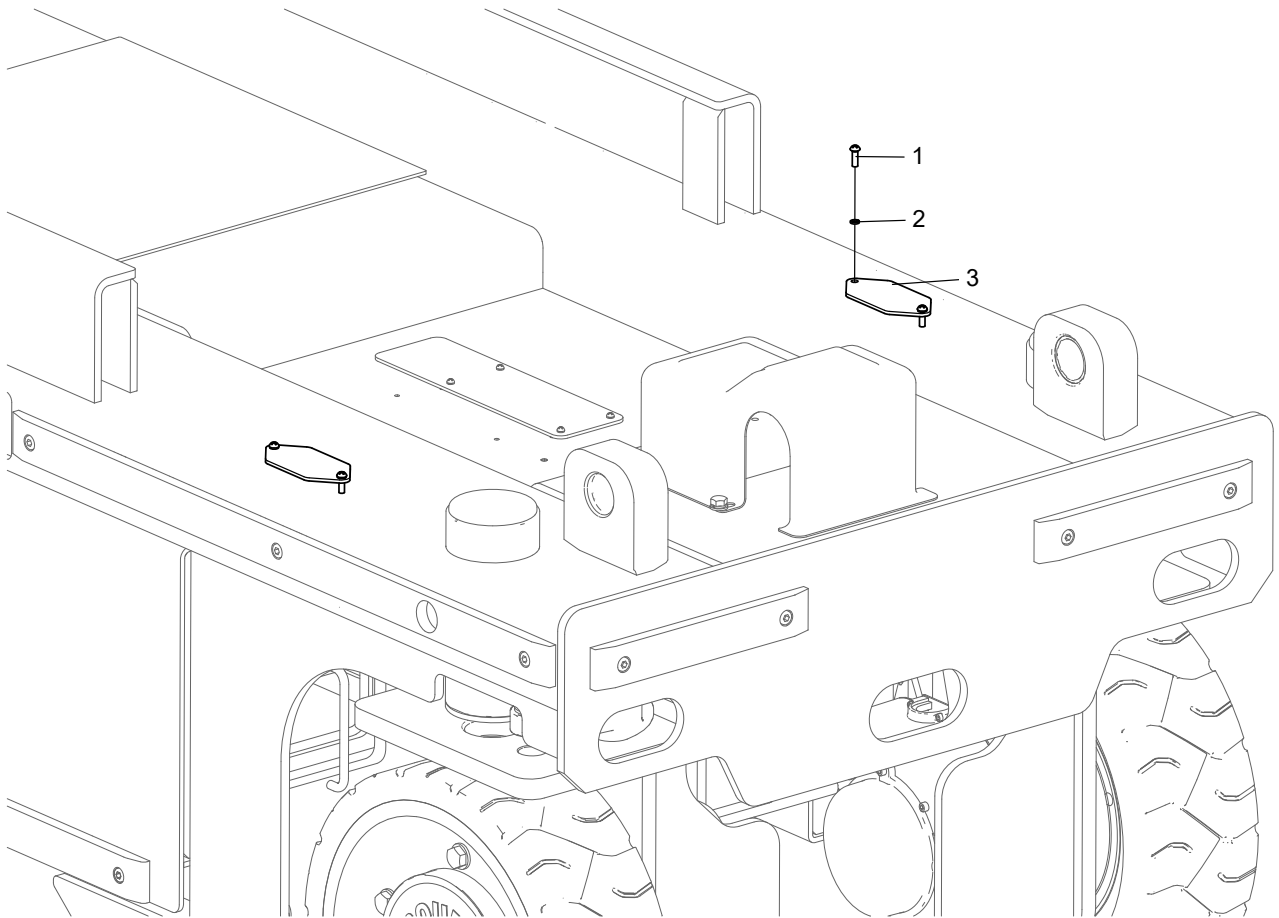
No.	Part No.	Qty.	Description
1	101053033007	1	Weldment, left door
2	209030000009	1	Lock handle
3	101038033051	1	Plate
4	215030000107	2	Nut M6-8-ZnD GB/T 6183.1
5	101038033050	1	Screw rod
6	215030000006	1	Nut M10-8-ZnD GB/T 6170
7	215010000282	2	Bolt M6×30-8.8-ZnD GB/T 5789
8	209050000021	1	Lock cylinder
9	215010000230	3	Bolt M6×16-8.8-ZnD GB/T 5789

## 1.14 RCBO COVER PLATE INSTALLATION



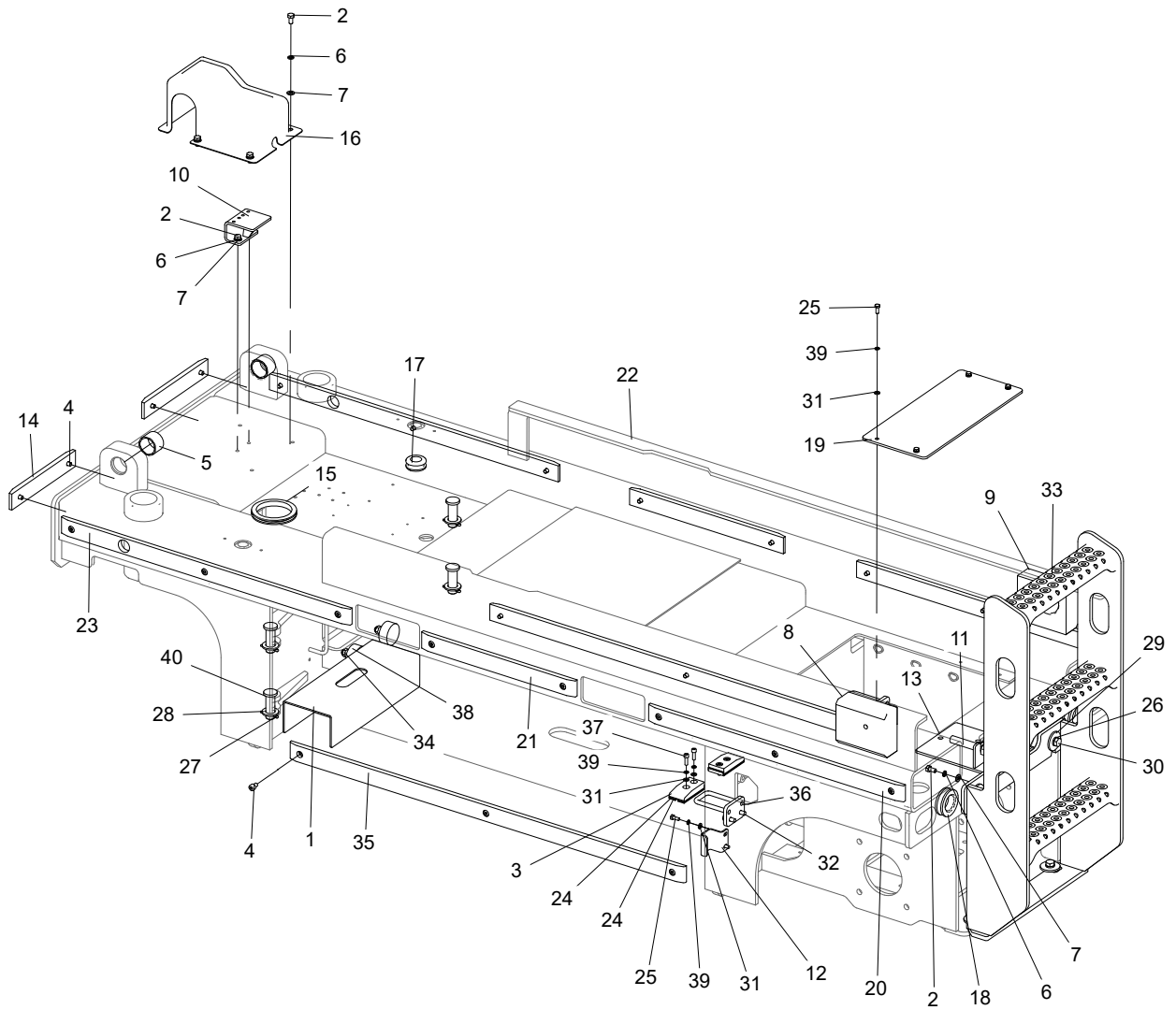
No.	Part No.	Qty.	Description
1	101058033019	1	Plate
2	215020000105	4	Screw M4×12-A2-70 GB/T 818
3	215040000002	4	Washer 4-A2-70 GB/T 93

### 1.15 WARNING LIGHTS COVER PLATE INSTALLATION



No.	Part No.	Qty.	Description
1	215020000111	4	Screw M5×16-A2-70 GB/T 818
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	101053033000	2	Plate

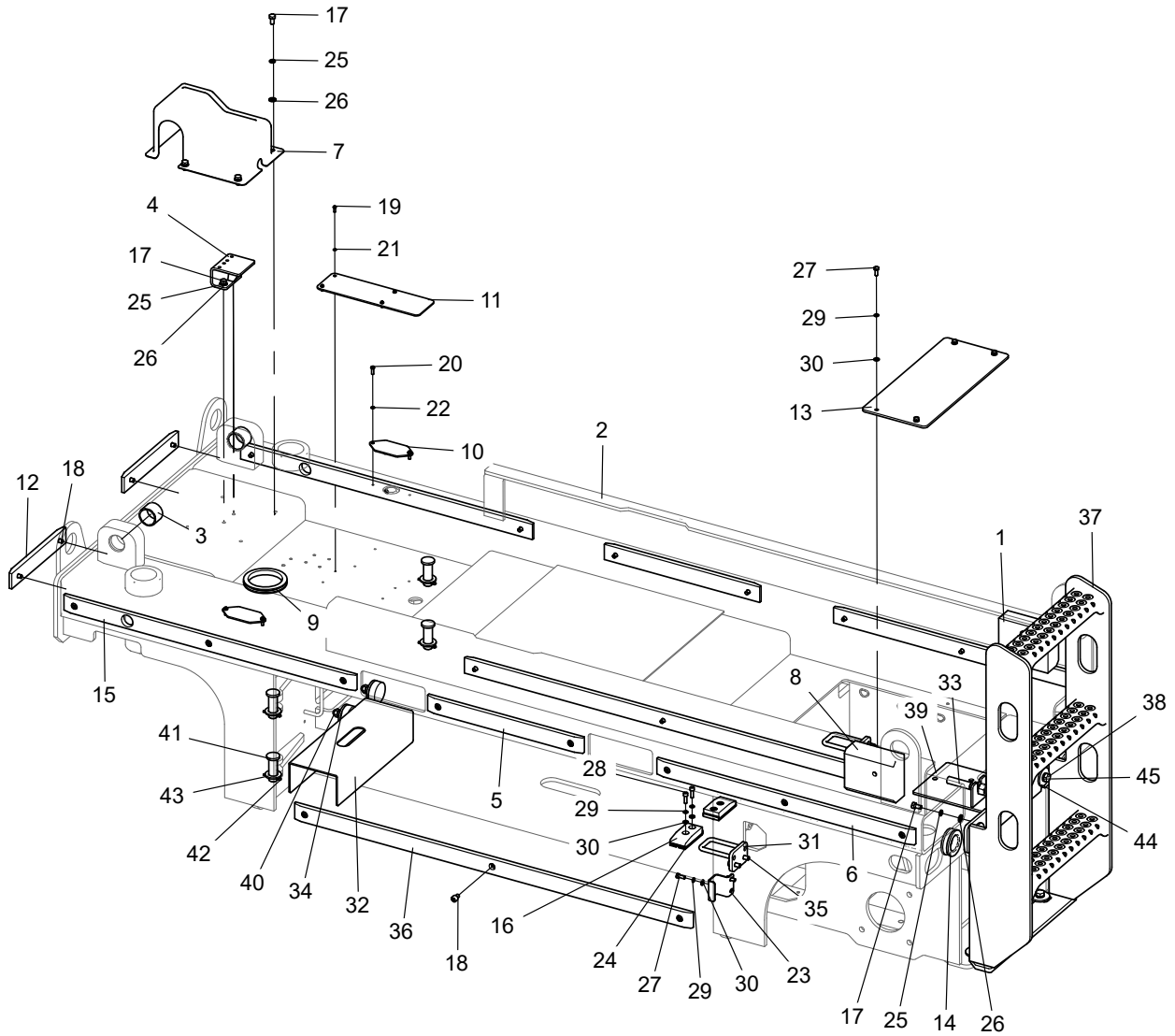
# 1.16 CHASSIS ACCESSORY INSTALLATION



No.	Part No.	Qty.	Description
1	101054033001	1	Plate, bending
2	215010000056	8	Bolt M8×16-8.8-ZnD GB/T 5783
3	101014030014	2	Pad
4	215020000021	26	Screw M8×12-8.8-ZnD GB/T 70.1
5	214030000014	2	Self-lubricating bearing
6	215040000005	8	Washer 8-ZnD GB/T 93
7	215040000034	8	Washer 8-200HV-ZnD GB/T 97.1
8	101042030004	1	Sliding block
9	101042030003	1	Sliding block
10	101015030020	1	Bracket
11	204100000016	1	Emergency lowering shaft
12	101014030107	2	Bracket
13	101039030040	1	Bracket
14	101054043028	2	Bumper plate
15	101014030104	1	Rubber grommet
16	101015030039	1	Seal cover
17	101032030094	2	Rubber grommet
18	101032030115	2	Protective casing
19	101042030001	1	Plate
20	101054033011	2	Bumper plate
21	101054033012	2	Bumper plate
22	101054033014	1	Weldment, Chassis
23	101054033019	2	Bumper plate
24	101015030030	6	Shim
25	215010000050	8	Bolt M6×16-A2-70 GB/T 5783
26	215040000007	4	Washer 12-ZnD GB/T 93
27	215060000007	4	Pin 4×32-ZnD GB/T 91
28	215040000041	4	Washer 20-200HV-ZnD GB/T 97.1
29	215040000130	4	Washer 12-100HV-ZnD GB/T 5287
30	215010000090	4	Bolt M12×30-8.8-ZnD GB/T 5783
31	215040000033	12	Washer 6-A2 GB/T 97.1
32	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
33	101042030030	1	Ladder
34	215030000027	2	Nut M10-8-ZnD GB/T 6184
35	101016030041	2	Bumper plate
36	101016033023	2	Lock catch
37	215020000012	4	Screw M6×20-A2-70 GB/T 70.1
38	216040000008	2	Shock pad

No.	Part No.	Qty.	Description
39	215040000004	12	Washer 6-A2-70 GB/T 93
40	215060000048	4	Clevis pin B20×60-ZnD GB/T 882

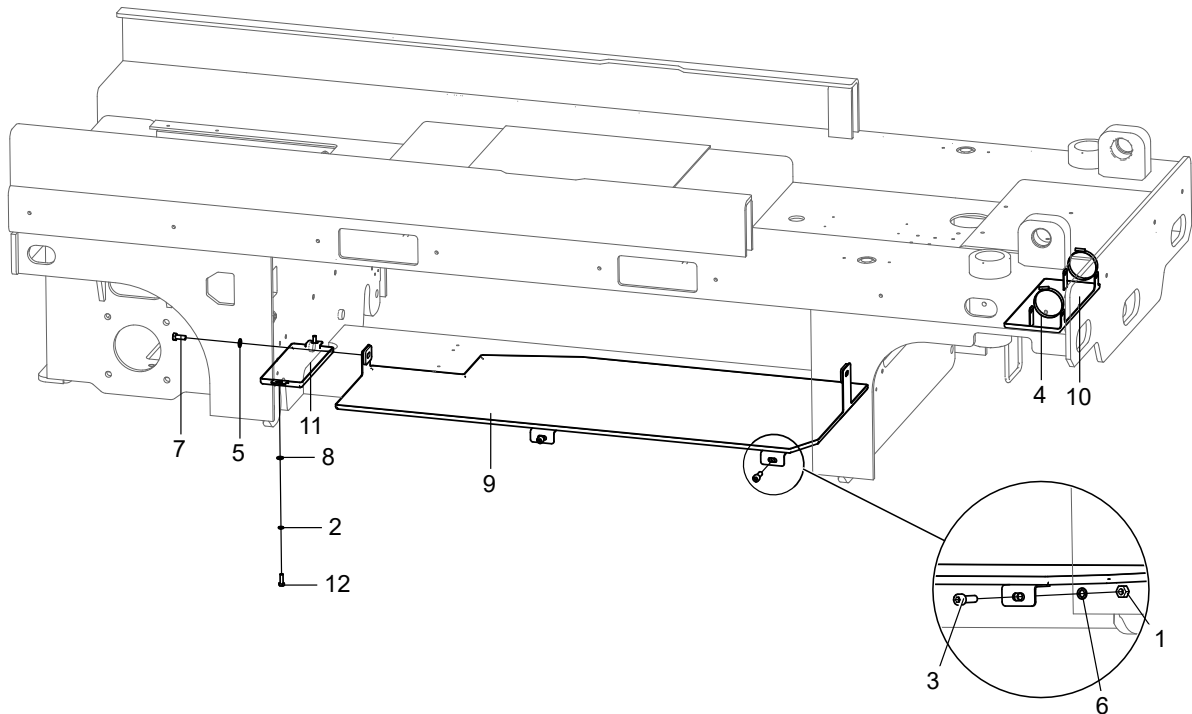
1.17 CHASSIS ACCESSORY INSTALLATION (JAPANESE SPECS)



No.	Part No.	Qty.	Description
1	101042030003	1	Sliding block
2	101054033039	1	Weldment, Chassis
3	214030000014	2	Self-lubricating bearing
4	101015030020	1	Bracket
5	101054033012	2	Bumper plate
6	101054033011	2	Bumper plate
7	101015030039	1	Seal cover
8	101042030004	1	Sliding block
9	101014030104	1	Rubber grommet
10	101053033000	2	Plate
11	101058033019	1	Plate
12	101054043028	2	Bumper plate
13	101042030001	1	Plate
14	101032030115	2	Protective casing
15	101054033019	2	Bumper plate
16	101014030014	2	Pad
17	215010000056	8	Bolt M8×16-8.8-ZnD GB/T 5783
18	215020000021	26	Screw M8×12-8.8-ZnD GB/T 70.1
19	215020000105	4	Screw M4×12-A2-70 GB/T 818
20	215020000111	4	Screw M5×16-A2-70 GB/T 818
21	215040000002	4	Washer 4-A2-70 GB/T 93
22	215040000003	4	Washer 5-A2-70 GB/T 93
23	101014030107	2	Bracket
24	101015030030	6	Shim
25	215040000005	8	Washer 8-ZnD GB/T 93
26	215040000034	8	Washer 8-200HV-ZnD GB/T 97.1
27	215010000050	8	Bolt M6×16-A2-70 GB/T 5783
28	215020000012	4	Screw M6×20-A2-70 GB/T 70.1
29	215040000004	12	Washer 6-A2-70 GB/T 93
30	215040000033	12	Washer 6-A2 GB/T 97.1
31	101016033023	2	Lock catch
32	101054033001	1	Plate, bending
33	204100000016	1	Emergency lowering shaft
34	216040000008	2	Shock pad
35	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
36	101016030041	2	Bumper plate
37	101042030030	1	Ladder
38	215010000090	4	Bolt M12×30-8.8-ZnD GB/T 5783

No.	Part No.	Qty.	Description
39	101039030040	1	Bracket
40	215030000027	2	Nut M10-8-ZnD GB/T 6184
41	215060000048	4	Clevis pin B20×60-ZnD GB/T 882
42	215060000007	4	Pin 4×32-ZnD GB/T 91
43	215040000041	4	Washer 20-200HV-ZnD GB/T 97.1
44	215040000130	4	Washer 12-100HV-ZnD GB/T 5287
45	215040000007	4	Washer 12-ZnD GB/T 93

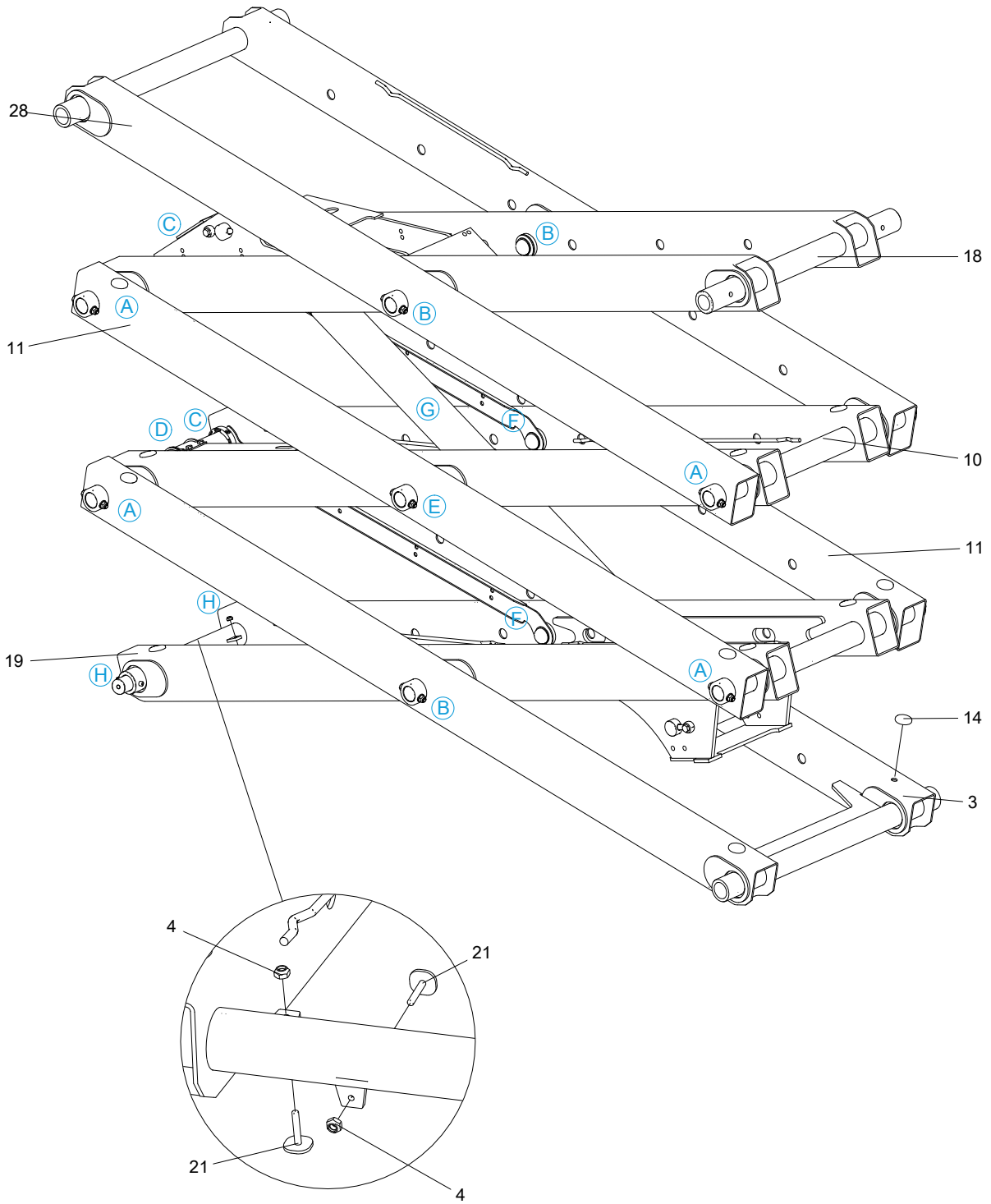
### 1.18 SPILL GUARD INSTALLATION

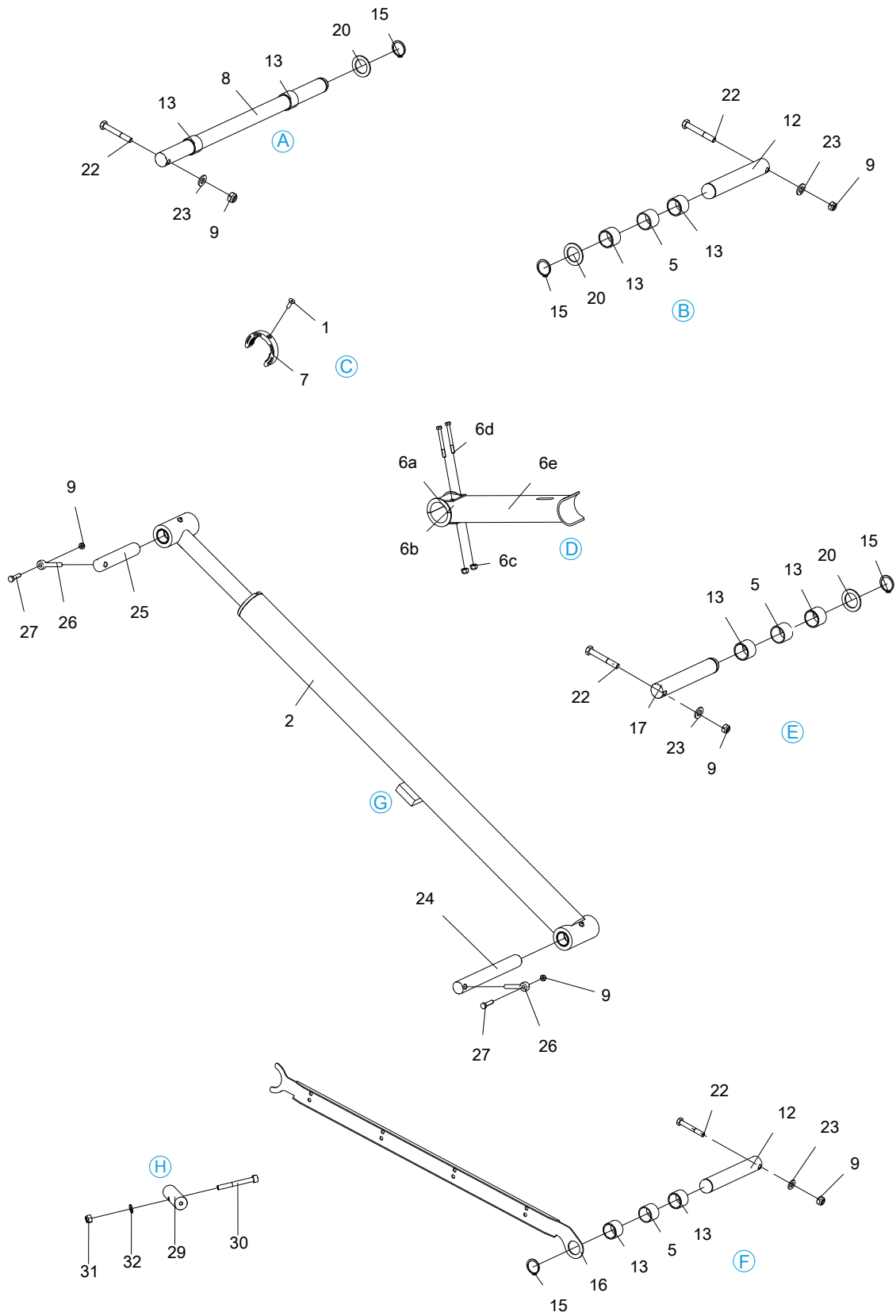


No.	Part No.	Qty.	Description
1	215030000005	2	Nut M8-8-ZnD-GB/T 6170
2	215040000004	2	Washer 6-A2-70 GB/T 93
3	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
4	216020000007	2	DIN non-perforated hose clamp
5	215040000034	3	Washer 8-200HV-ZnD GB/T 97.1
6	215040000005	2	Washer 8-ZnD GB/T 93
7	215010000057	1	Bolt M8×20-8.8-ZnD GB/T 5783
8	215040000033	2	Washer 6-A2 GB/T 97.1
9	101054033053	1	Weldment, spill guard
10	101056033008	1	Spill guard, cylinder
11	101054033054	1	Spill guard, couterweight
12	215010000051	2	Bolt M6×20-A2-70 GB/T 5783

## **2** **SCISSOR ASSEMBLY**

2.1 SCISSOR ASSEMBLY-GTJZ0608E

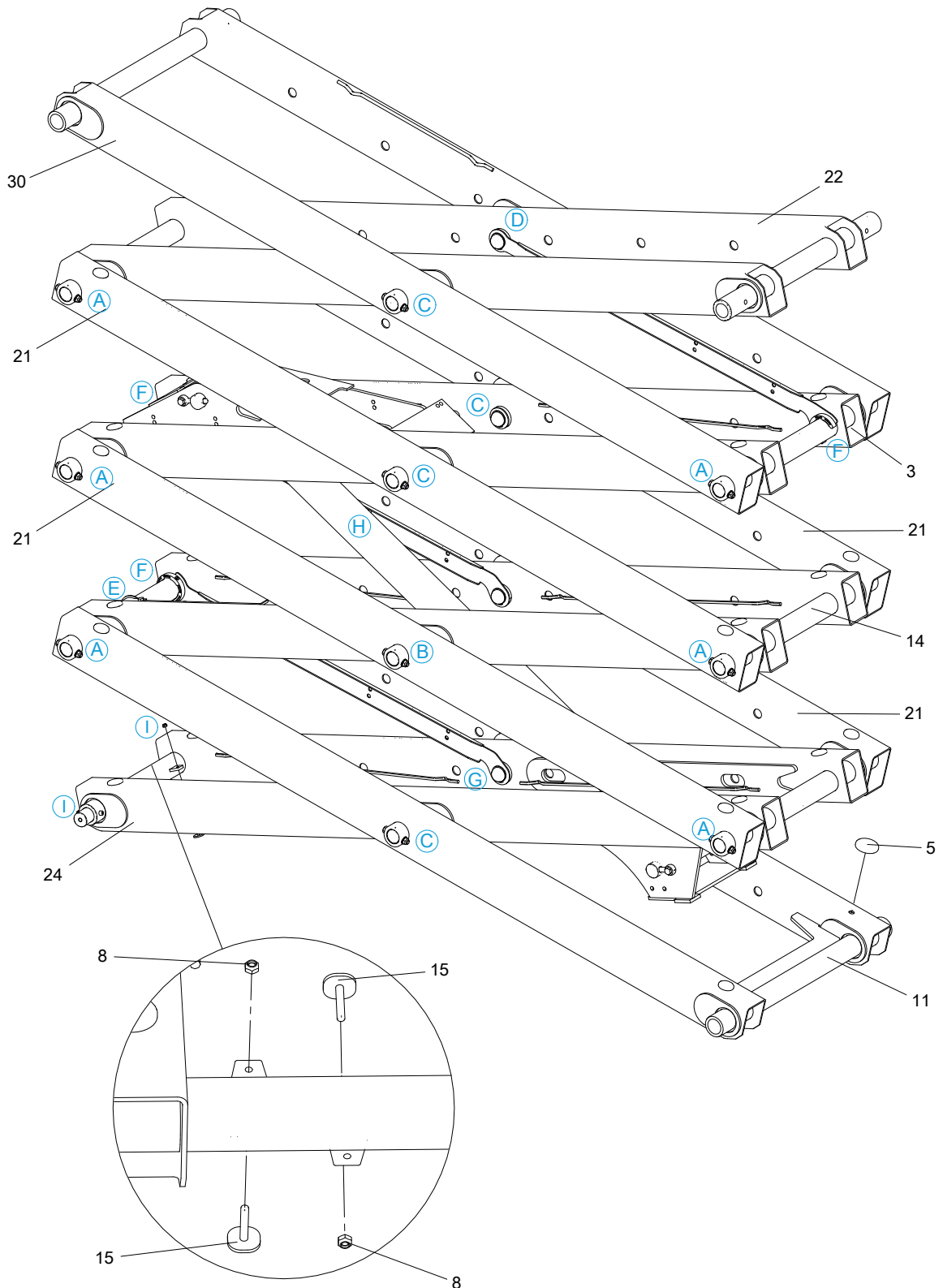


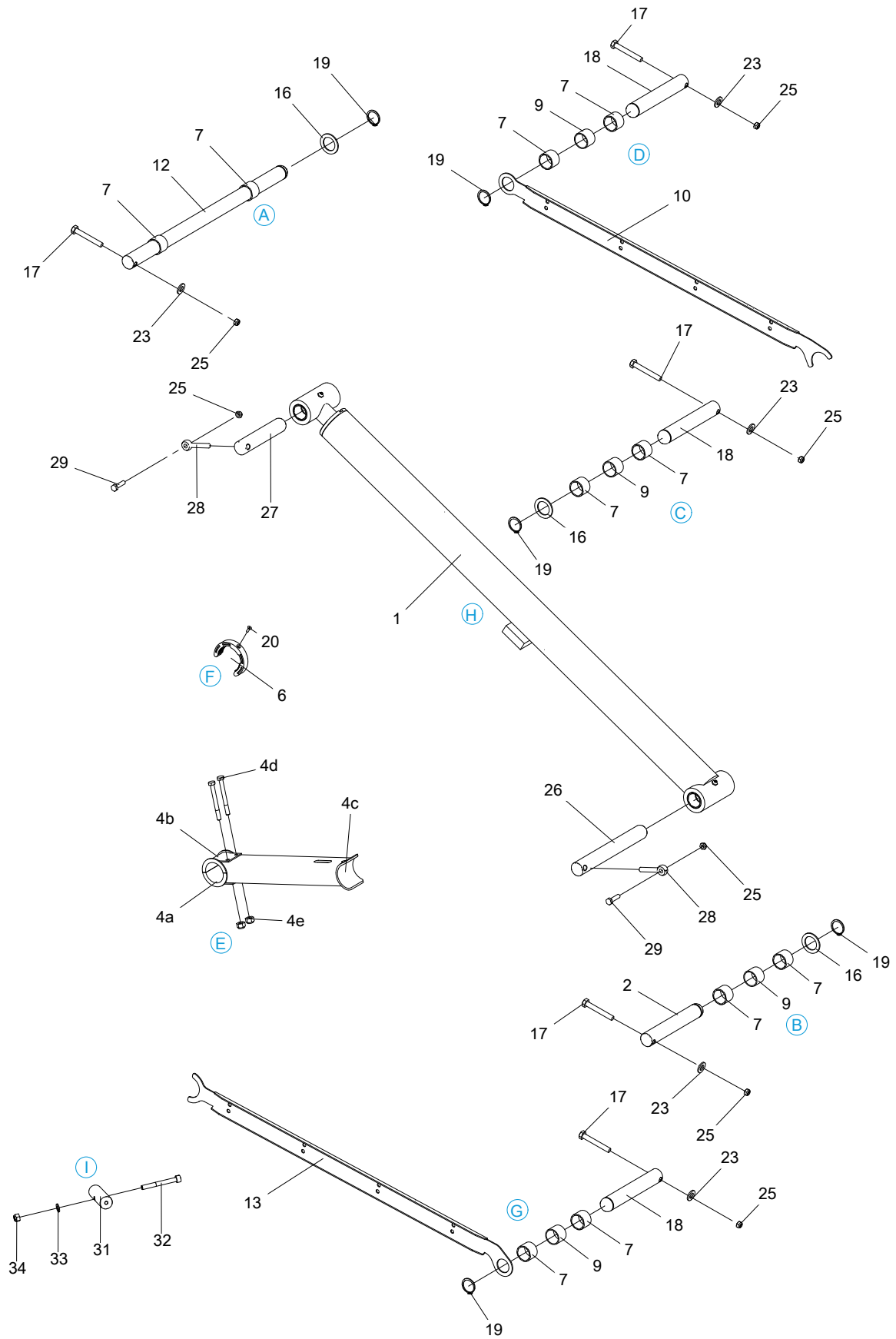


No.	Part No.	Qty.	Description
1	215020000264	2	Screw M5×16-A2-70 GB/T70.3
2	101039010061	1	Lift cylinder(C)
2a-1	207990003397	1	Seal kit, cylinder(1000026)
2a-2	207990003553	1	Seal kit, cylinder(1000148)
2a-3	207990003519	1	Seal kit, cylinder(1000122)
3	101042010006	1	Outer arm 1
4	215030000025	2	Nut M6-8-A2-70 GB/T 889.1
5	101078013161	6	Axle sleeve
6	101016010070	1	Safety arm assembly(includes items 6a, 6b, 6c, 6d and 6e)
6a	101016010068	1	U-clamp
6b	101017010062	2	Rubber grommet
6c	215030000026	2	Nut M8-8-ZnD GB/T889.1
6d	215010000006	2	Bolt M8×80-8.8-ZnD GB/T 5782
6e	101016010061	1	Safety arm
7	101015010003	2	Clamp
8	101029010011	4	Pin XGΦ38.1-710
9	215030000027	12	Nut M10-8-ZnD GB/T 6184
10	101039010074	1	Inner arm 2
11	101039010078	2	Outer arm 2
12	101029010014	5	Pin XGΦ38.1-225
13	214030000014	20	Self-lubricating bearing
14	101016010055	16	Pad
15	215040000107	10	Retaining ring 38-DKL JB/ZQ 4342
16	101039010064	2	Plate, cable routing
17	101029010002	1	Pin XGΦ38.1-239
18	101041013001	1	Inner arm 3
19	101042010005	1	Inner arm 1
20	101016010041	8	Washer
21	101015030022	2	Special bolt
22	215010000011	10	Bolt M10×70-8.8-ZnD GB/T 5782
23	215040000035	10	Washer 10-200HV-ZnD GB/T 97.1
24	101016010023	1	Pin XGΦ38.1-300
25	101016010056	1	Pin XGΦ38.1-190
26	209020000002	2	Pin
27	215010000075	2	Bolt M10×40-8.8-ZnD GB/T 5783
28	101042010002	1	Outer arm 4
29	101042010007	2	Pin XGΦ38.1-120
30	215020000042	2	Screw M8×70-10.9-DKL GB/T 70.1

No.	Part No.	Qty.	Description
31	215030000026	2	Nut M8-8-ZnD GB/T889.1
32	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1

2.2 SCISSOR ASSEMBLY-GTJZ0808E





No.	Part No.	Qty.	Description
1	101039010061	1	Lift cylinder(C)
1a-1	207990003397	1	Seal kit, cylinder(1000026)
1a-2	207990003553	1	Seal kit, cylinder(1000148)
1a-3	207990003519	1	Seal kit, cylinder(1000122)
2	101029010002	1	Pin XGΦ38.1-239
3	101042010010	1	Inner arm 3
4	101016010070	1	Safety arm assembly(includes items 4a, 4b, 4c, 4d and 4e)
4a	101017010062	2	Rubber grommet
4b	101016010068	1	U-clamp
4c	101016010061	1	Safety arm
4d	215010000006	2	Bolt M8×80-8.8-ZnD GB/T 5782
4e	215030000026	2	Nut M8-8-ZnD GB/T889.1
5	101016010055	24	Pad
6	101015010003	3	Clamp
7	214030000014	28	Self-lubricating bearing
8	215030000025	2	Nut M6-8-A2-70 GB/T 889.1
9	101078013161	8	Axle sleeve
10	101039010063	1	Plate, cable routing
11	101042010006	1	Outer arm 1
12	101029010011	6	Pin XGΦ38.1-710
13	101039010064	2	Plate, cable routing
14	101039010074	1	Inner arm 2
15	101015030022	2	Special bolt
16	101016010041	11	Washer
17	215010000011	14	Bolt M10×70-8.8-ZnD GB/T 5782
18	101029010014	7	Pin XGΦ38.1-225
19	215040000107	14	Retaining ring 38-DKL JB/ZQ 4342
20	215020000264	3	Screw M5×16-A2-70 GB/T70.3
21	101039010078	4	Outer arm 2
22	101042013001	1	Inner arm 6
23	215040000035	14	Washer 10-200HV-ZnD GB/T 97.1
24	101042010005	1	Inner arm 1
25	215030000027	16	Nut M10-8-ZnD GB/T 6184
26	101016010023	1	Pin XGΦ38.1-300
27	101016010056	1	Pin XGΦ38.1-190
28	209020000002	2	Pin
29	215010000075	2	Bolt M10×40-8.8-ZnD GB/T 5783
30	101042010002	1	Outer arm 4

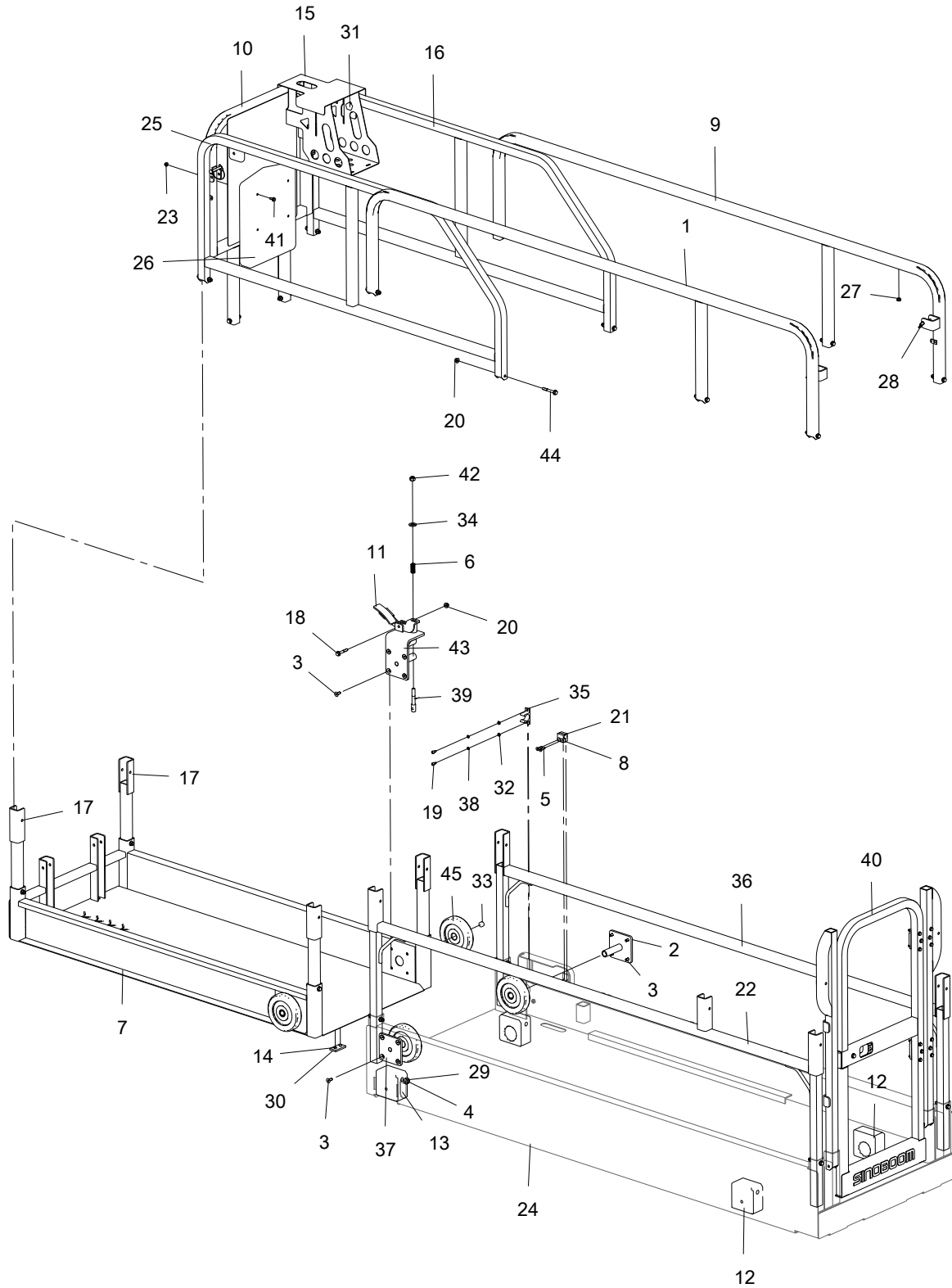
No.	Part No.	Qty.	Description
31	101042010007	2	Pin XGΦ38.1-120
32	215020000042	2	Screw M8×70-10.9-DKL GB/T 70.1
33	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
34	215030000026	2	Nut M8-8-ZnD GB/T889.1

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# **3 PLATFORM ASSEMBLY**

## 3.1 PLATFORM ASSEMBLY (BASIC SPECS)

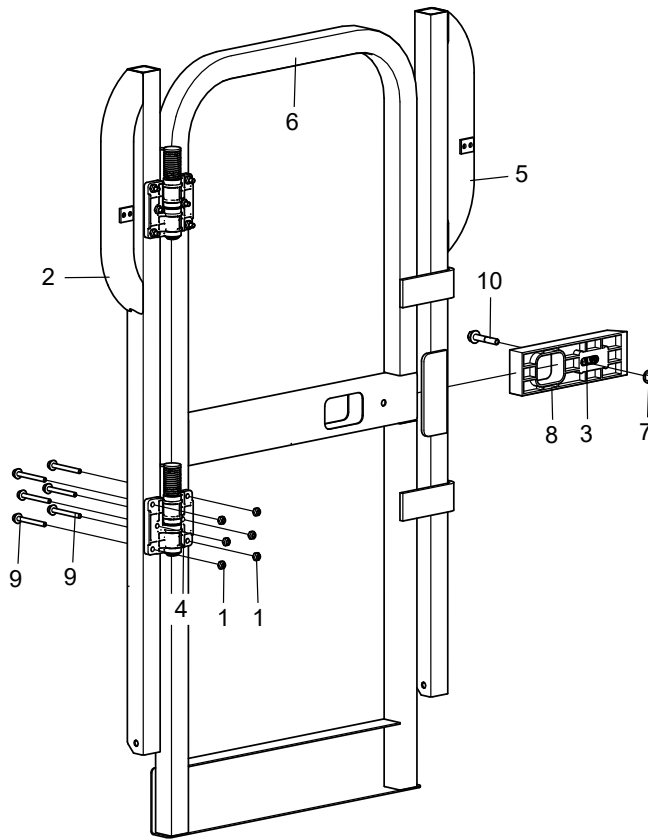
3.1.1 PLATFORM ASSEMBLY (BASIC SPECS)



No.	Part No.	Qty.	Description
1	101042040020	1	Rail, upper
2	101040043099		Socket support options
2-1	101039040024	1	Bracket, roller(Without power socket)
2-2	101056043091	1	Bracket(Equipped with integrated power socket)
2-3	101056043092	1	Bracket(Equipped with universal power socket)
2-4	101056043154	1	Bracket(Equipped with British power socket)
3	215020000226	16	Screw M8×20-8.8-ZnD GB/T 70.3
4	215010000223	2	Bolt M14×155-8.8-ZnD GB/T 5782
5	215020000230	2	Screw M6×25-A2-70 GB/T 70.3
6	101040040062	1	Spring
7	101042043022	1	Extended platform
8	101040040069	1	Nylon block
9	101042040022	1	Rail, upper
10	101054043008	1	Rail, front
11	101040040066	1	Pedal
12	101013030001	2	Wear pad
13	101013040001	2	Wear pad
14	215050000007	4	Blind rivet 6×10-ZnD GB/T 12618.2
15	101014040046	1	Bracket
16	101042043036	1	Rail, upper
17	101042043009	4	Rail
18	215010000287	1	Bolt M8×50-8.8-ZnD GB/T 5789
19	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
20	215030000108	23	Nut M8-8-ZnD GB/T 6183.1
21	101040040070	1	Nylon block
22	101042043008	1	Rail, lower
23	215030000107	4	Nut M6-8-ZnD GB/T 6183.1
24	101042043021	1	Stationary platform
25	101042043038	1	Rail, upper
26	216070000001	1	Manual storage container
27	101014043005	32	Rubber choke plug
28	209020000007	4	Safety pin
29	215030000080	2	Nut M14-8-ZnD GB/T 6184
30	101012040031	2	Wear pad
31	209030003005	1	Bolt M8
32	215040000033	2	Washer 6-A2 GB/T 97.1
33	101016040136	4	Wear pad

No.	Part No.	Qty.	Description
34	215040000119	1	Washer 14-200HV-ZnD GB/T 97.1
35	101040040071	1	Clamp
36	101042043019	1	Rail, lower
37	101039040024	2	Bracket, roller
38	215040000004	2	Washer 6-A2-70 GB/T 93
39	101040040060	1	Pin
40	101042040010	1	Platform entry gate installation
41	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
42	215030000029	1	Nut M12-8-ZnD GB/T 6184
43	101039040013	1	Bracket, roller
44	215010000289	22	Bolt M8×60-8.8-ZnD GB/T 5789
45	101039040015	4	Roller

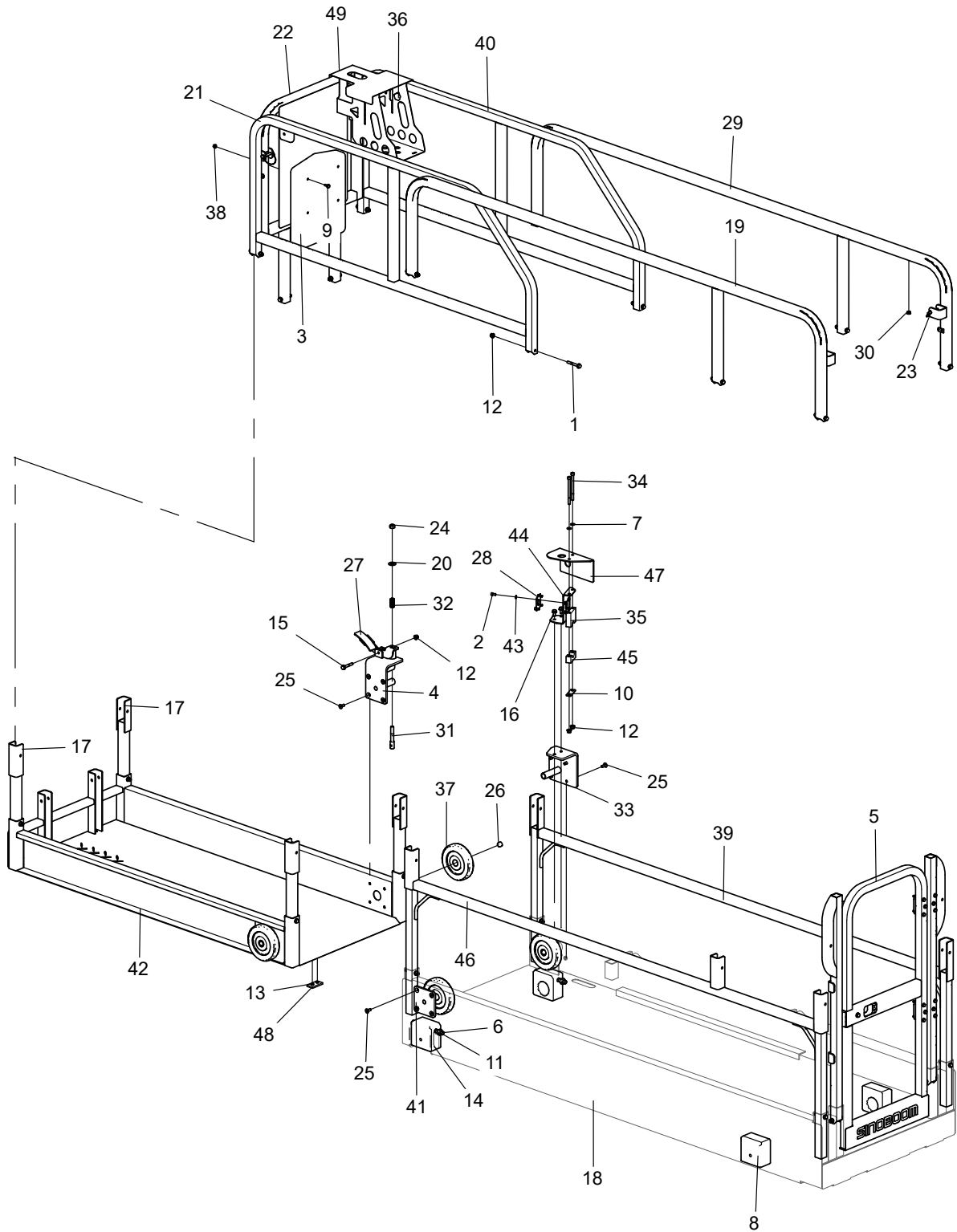
3.1.2 PLATFORM ENTRY GATE INSTALLATION



No.	Part No.	Qty.	Description
1	215030000025	12	Nut M6-8-A2-70 GB/T 889.1
2	101042040007	1	Rail
3	101019040001	1	Spring
4	101015040007	2	Hinge assembly
5	101042040001	1	Rail
6	101045043035	1	Entry gate
7	215030000108	1	Nut M8-8-ZnD GB/T 6183.1
8	101012040056	1	Lock
9	215010000284	12	Bolt M6×55-8.8-ZnD GB/T 5789
10	215010000257	1	Bolt M8×45-8.8-ZnD GB/T 5789

## **3.2 PLATFORM ASSEMBLY (CHINESE SPECS)**

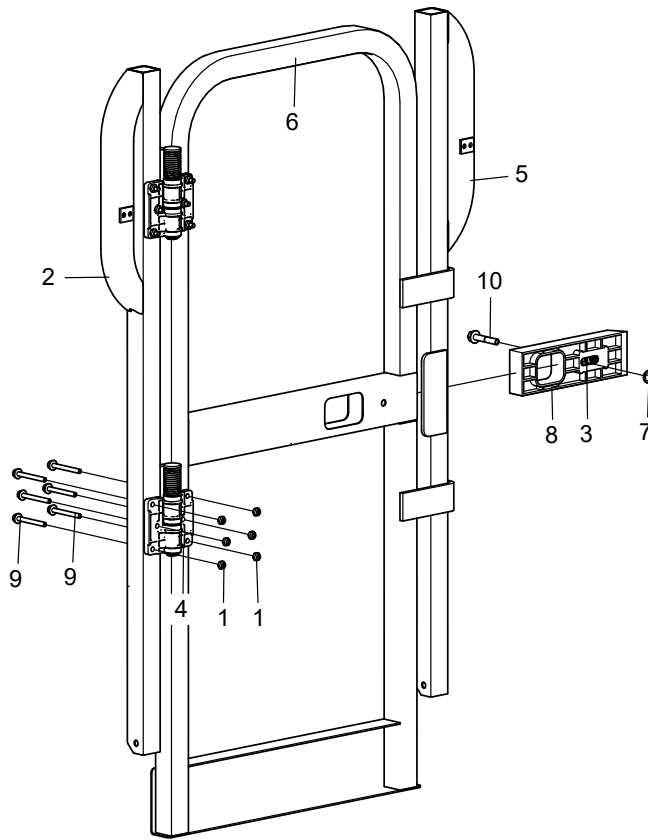
3.2.1 PLATFORM ASSEMBLY (CHINESE SPECS)



No.	Part No.	Qty.	Description
1	215010000289	22	Bolt M8×60-8.8-ZnD GB/T 5789
2	215020000010	4	Screw M6×12-A2-70 GB/T 70.1
3	216070000001	1	Manual storage container
4	101039040013	1	Bracket, roller
5	101042040010	1	Platform entry gate installation
6	215010000223	2	Bolt M14×155-8.8-ZnD GB/T 5782
7	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
8	101013030001	2	Wear pad
9	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
10	101072043019	1	Plate
11	215030000080	2	Nut M14-8-ZnD GB/T 6184
12	215030000108	25	Nut M8-8-ZnD GB/T 6183.1
13	215050000007	4	Blind rivet 6×10-ZnD GB/T 12618.2
14	101013040001	2	Wear pad
15	215010000287	1	Bolt M8×50-8.8-ZnD GB/T 5789
16	215010000263	2	Bolt M8×16-10.9-DKL GB/T 5789
17	101042043009	4	Rail
18	101042043058	1	Stationary platform
19	101042040020	1	Rail, upper
20	215040000119	1	Washer 14-200HV-ZnD GB/T 97.1
21	101042043038	1	Rail, upper
22	101054043008	1	Rail, front
23	209020000007	4	Safety pin
24	215030000029	1	Nut M12-8-ZnD GB/T 6184
25	215020000226	16	Screw M8×20-8.8-ZnD GB/T 70.3
26	101016040136	4	Wear pad
27	101040040066	1	Pedal
28	101072043021	1	Plate
29	101042040022	1	Rail, upper
30	101014043005	32	Rubber choke plug
31	101040040060	1	Pin
32	101040040062	1	Spring
33	101072043015	1	Bracket, roller
34	215020000239	2	Screw M8×110-8.8-ZnD GB/T 70.1
35	101072043018	1	Nylon block
36	209030003005	1	Bolt M8
37	101039040015	4	Roller
38	215030000107	4	Nut M6-8-ZnD GB/T 6183.1

No.	Part No.	Qty.	Description
39	101042043019	1	Rail, lower
40	101042043036	1	Rail, upper
41	101039040024	2	Bracket, roller
42	101042043022	1	Extended platform
43	215040000033	4	Washer 6-A2 GB/T 97.1
44	101072043014	1	Bracket
45	101072043017	1	Nylon block
46	101042043008	1	Rail, lower
47	101072043020	1	Plate, bending
48	101012040031	2	Wear pad
49	101014040046	1	Bracket

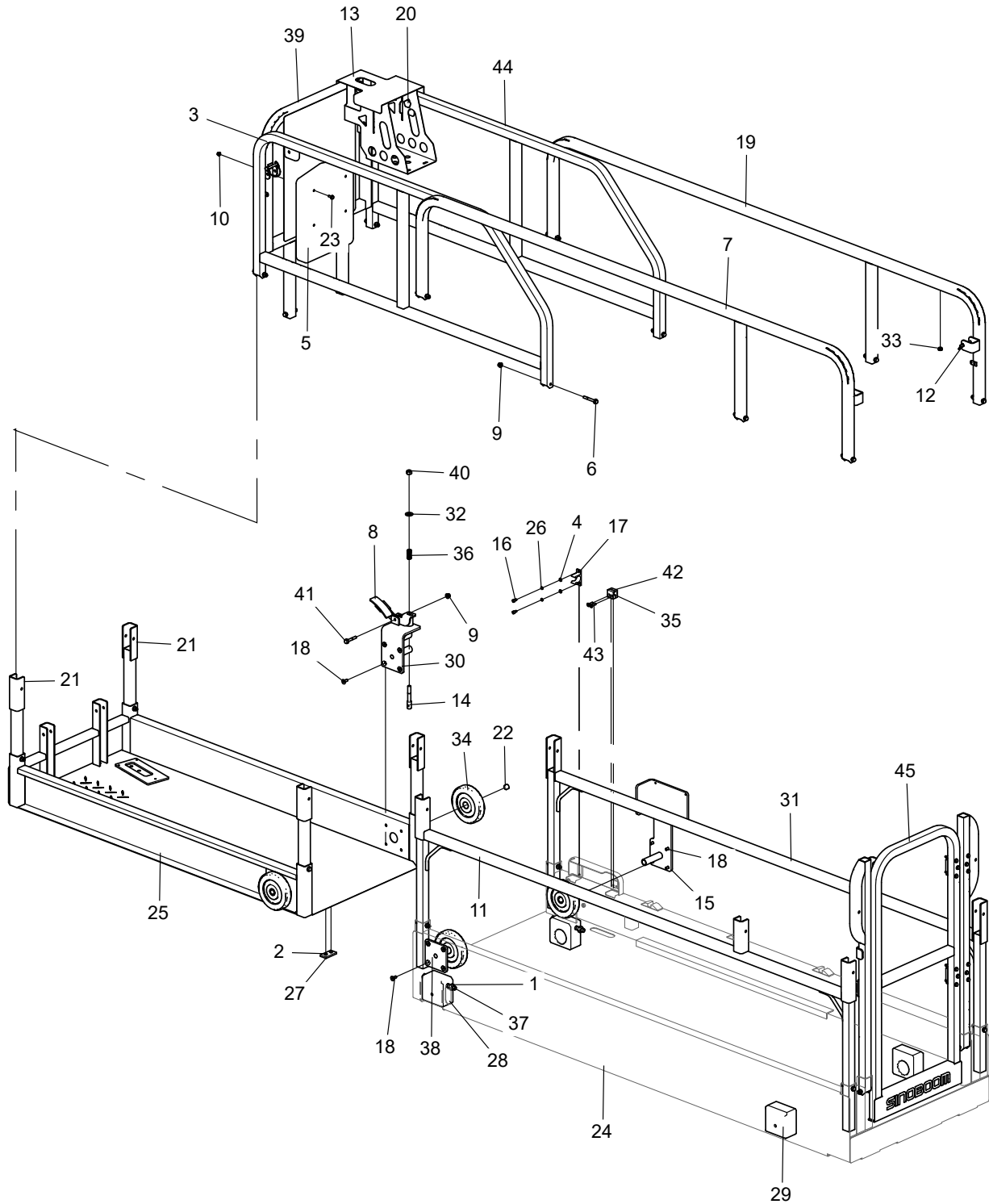
3.2.2 PLATFORM ENTRY GATE INSTALLATION



No.	Part No.	Qty.	Description
1	215030000025	12	Nut M6-8-A2-70 GB/T 889.1
2	101042040007	1	Rail
3	101019040001	1	Spring
4	101015040007	2	Hinge assembly
5	101042040001	1	Rail
6	101045043035	1	Entry gate
7	215030000108	1	Nut M8-8-ZnD GB/T 6183.1
8	101012040056	1	Lock
9	215010000284	12	Bolt M6×55-8.8-ZnD GB/T 5789
10	215010000257	1	Bolt M8×45-8.8-ZnD GB/T 5789

### 3.3 PLATFORM ASSEMBLY (JAPANESE SPECS)

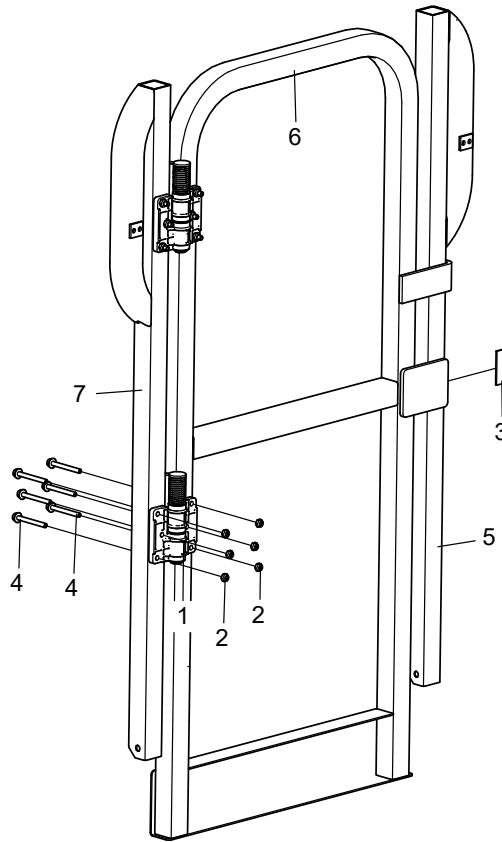
3.3.1 PLATFORM ASSEMBLY (JAPANESE SPECS)



No.	Part No.	Qty.	Description
1	215030000080	2	Nut M14-8-ZnD GB/T 6184
2	215050000007	4	Blind rivet 6×10-ZnD GB/T 12618.2
3	101042043038	1	Rail, upper
4	215040000033	2	Washer 6-A2 GB/T 97.1
5	216070000001	1	Manual storage container
6	215010000289	22	Bolt M8×60-8.8-ZnD GB/T 5789
7	101042040020	1	Rail, upper
8	101040040066	1	Pedal
9	215030000108	23	Nut M8-8-ZnD GB/T 6183.1
10	215030000107	4	Nut M6-8-ZnD GB/T 6183.1
11	101042043008	1	Rail, lower
12	209020000007	4	Safety pin
13	101014040046	1	Bracket
14	101040040060	1	Pin
15	101056043091	1	Bracket
16	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
17	101040040071	1	Clamp
18	215020000226	16	Screw M8×20-8.8-ZnD GB/T 70.3
19	101042040022	1	Rail, upper
20	209030003005	1	Bolt M8
21	101042043009	4	Rail
22	101016040136	4	Wear pad
23	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
24	101042043021	1	Stationary platform
25	101042043025	1	Extended platform
26	215040000004	2	Washer 6-A2-70 GB/T 93
27	101012040031	2	Wear pad
28	101013040001	2	Wear pad
29	101013030001	2	Wear pad
30	101039040013	1	Bracket, roller
31	101042043019	1	Rail, lower
32	215040000119	1	Washer 14-200HV-ZnD GB/T 97.1
33	101014043005	32	Rubber choke plug
34	101039040015	4	Roller
35	101040040069	1	Nylon block
36	101040040062	1	Spring
37	215010000223	2	Bolt M14×155-8.8-ZnD GB/T 5782

No.	Part No.	Qty.	Description
38	101039040024	2	Bracket, roller
39	101054043008	1	Rail, front
40	215030000029	1	Nut M12-8-ZnD GB/T 6184
41	215010000287	1	Bolt M8×50-8.8-ZnD GB/T 5789
42	101040040070	1	Nylon block
43	215020000230	2	Screw M6×25-A2-70 GB/T 70.3
44	101042043036	1	Rail, upper
45	101054043003	1	Platform entry gate installation

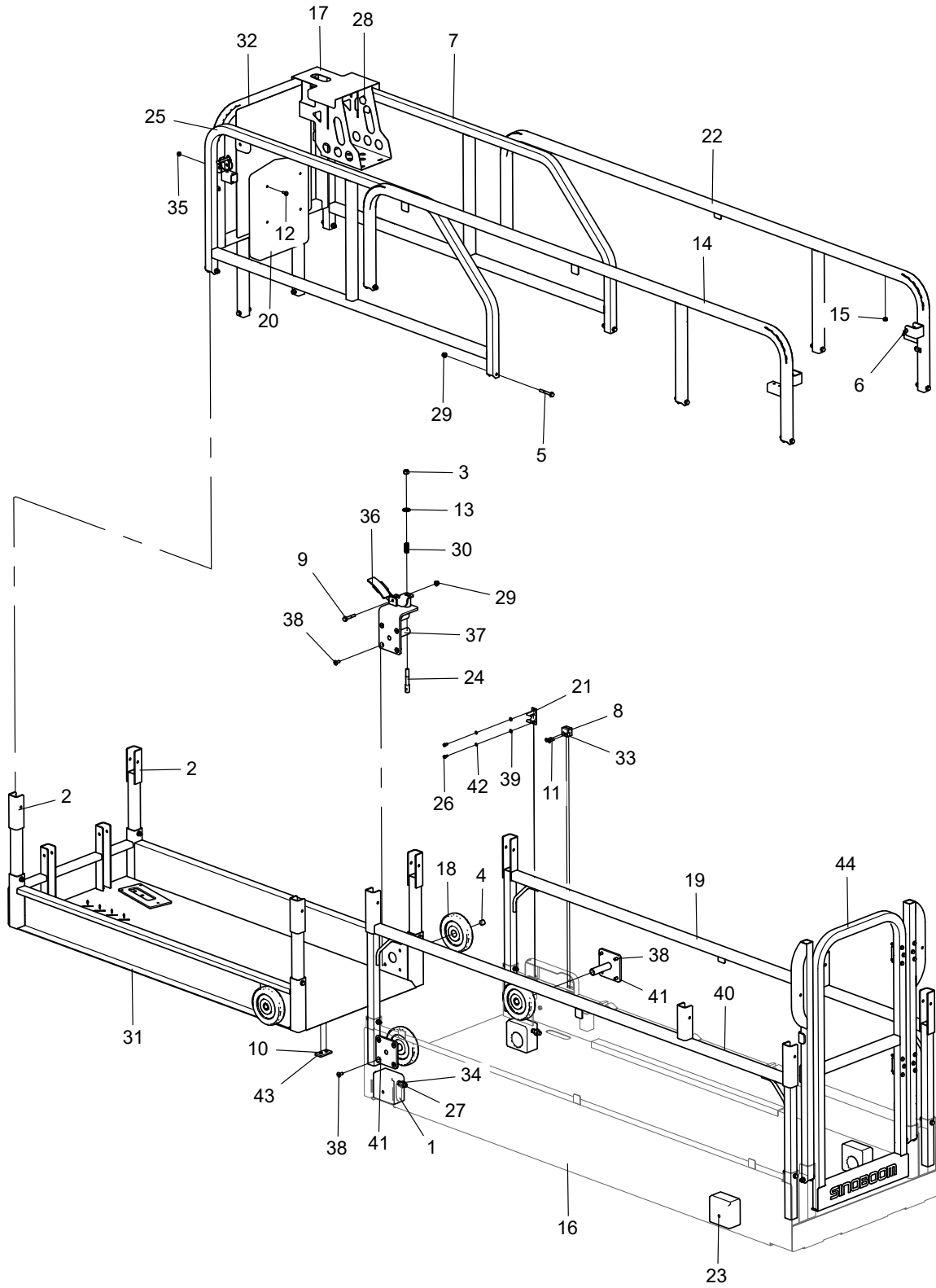
3.3.2 PLATFORM ENTRY GATE INSTALLATION



No.	Part No.	Qty.	Description
1	101015040007	2	Hinge assembly
2	215030000025	12	Nut M6-8-A2-70 GB/T 889.1
3	216030000022	1	Adhesive magnet
4	215010000284	12	Bolt M6×55-8.8-ZnD GB/T 5789
5	101054043009	1	Rail
6	101054043002	1	Entry gate
7	101042040007	1	Rail

## **3.4 PLATFORM ASSEMBLY (KOREAN SPECS)**

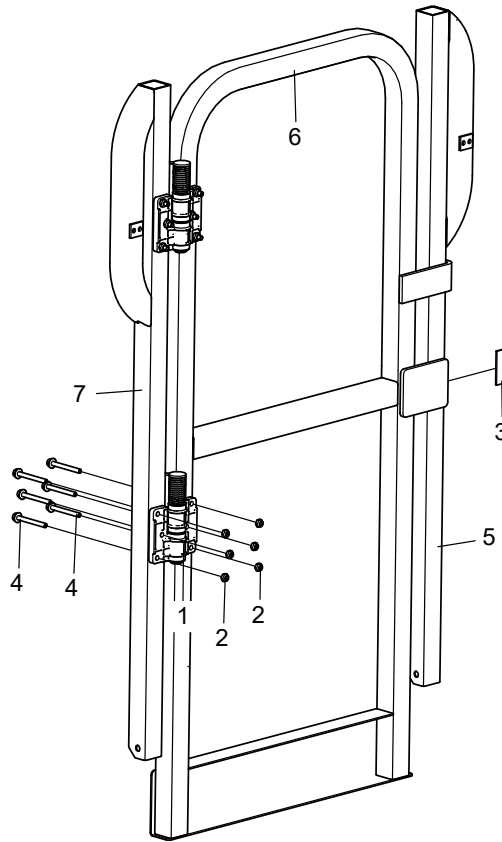
3.4.1 PLATFORM ASSEMBLY (KOREAN SPECS)



No.	Part No.	Qty.	Description
1	101013040001	2	Wear pad
2	101042043009	4	Rail
3	215030000029	1	Nut M12-8-ZnD GB/T 6184
4	101016040136	4	Wear pad
5	215010000289	22	Bolt M8×60-8.8-ZnD GB/T 5789
6	209020000007	4	Safety pin
7	101042043036	1	Rail, upper
8	101040040070	1	Nylon block
9	215010000287	1	Bolt M8×50-8.8-ZnD GB/T 5789
10	215050000007	4	Blind rivet 6×10-ZnD GB/T 12618.2
11	215020000230	2	Screw M6×25-A2-70 GB/T 70.3
12	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
13	215040000119	1	Washer 14-200HV-ZnD GB/T 97.1
14	101054043022	1	Rail, upper
15	101014043005	32	Rubber choke plug
16	101042043029	1	Stationary platform
17	101014040046	1	Bracket
18	101039040015	4	Roller
19	101042043028	1	Rail, lower
20	216070000001	1	Manual storage container
21	101040040071	1	Clamp
22	101054043020	1	Rail, upper
23	101013030001	2	Wear pad
24	101040040060	1	Pin
25	101042043038	1	Rail, upper
26	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
27	215010000223	2	Bolt M14×155-8.8-ZnD GB/T 5782
28	209030003005	1	Bolt M8
29	215030000108	23	Nut M8-8-ZnD GB/T 6183.1
30	101040040062	1	Spring
31	101042043025	1	Extended platform
32	101054043018	1	Rail, front
33	101040040069	1	Nylon block
34	215030000080	2	Nut M14-8-ZnD GB/T 6184
35	215030000107	4	Nut M6-8-ZnD GB/T 6183.1
36	101040040066	1	Pedal
37	101039040013	1	Bracket, roller

No.	Part No.	Qty.	Description
38	215020000226	16	Screw M8×20-8.8-ZnD GB/T 70.3
39	215040000033	2	Washer 6-A2 GB/T 97.1
40	101042043027	1	Rail, lower
41	101039040024	3	Bracket, roller
42	215040000004	2	Washer 6-A2-70 GB/T 93
43	101012040031	2	Wear pad
44	101054043003	1	Platform entry gate installation

3.4.2 PLATFORM ENTRY GATE INSTALLATION

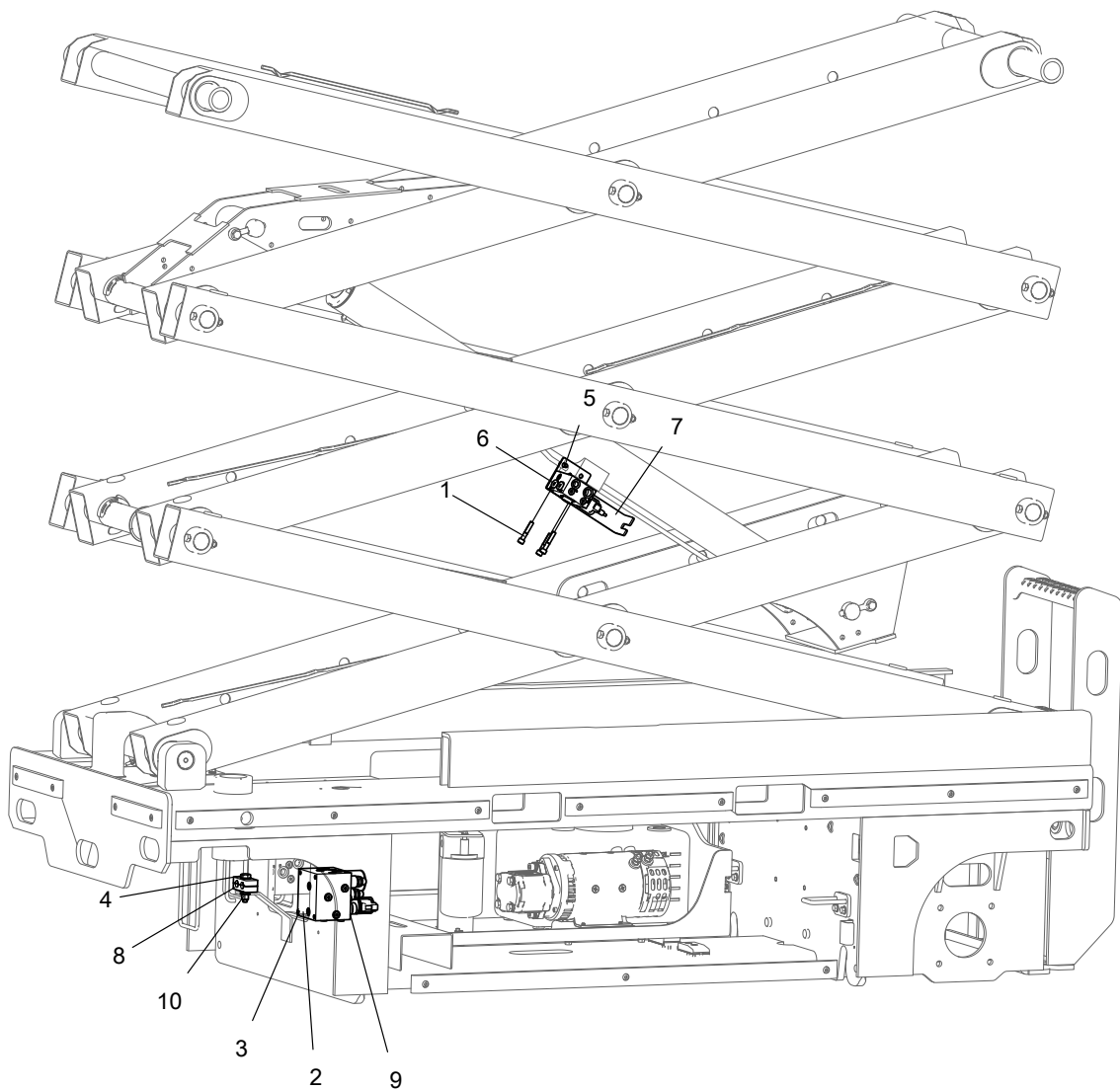


No.	Part No.	Qty.	Description
1	101015040007	2	Hinge assembly
2	215030000025	12	Nut M6-8-A2-70 GB/T 889.1
3	216030000022	1	Adhesive magnet
4	215010000284	12	Bolt M6×55-8.8-ZnD GB/T 5789
5	101054043009	1	Rail
6	101054043002	1	Entry gate
7	101042040007	1	Rail

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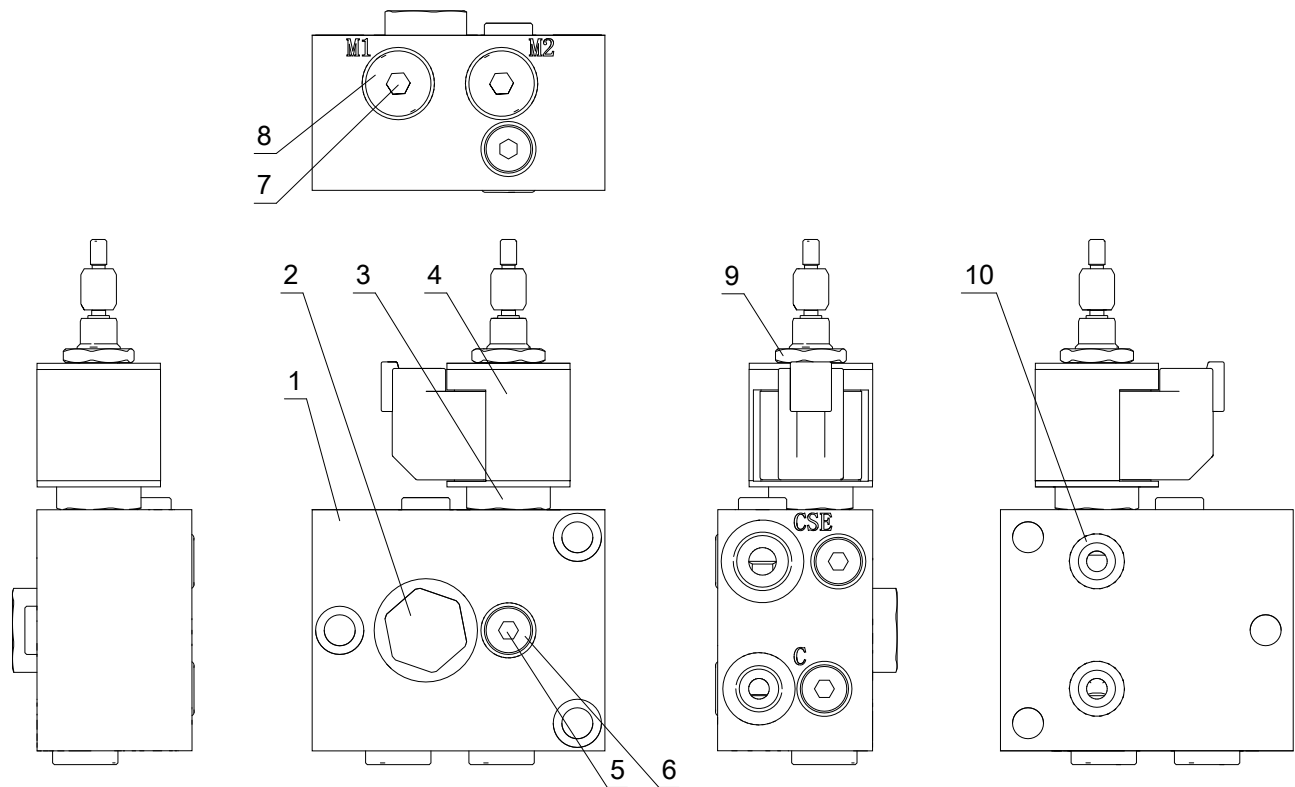
# 4 HYDRAULIC SYSTEM

### 4.1 HYDRAULIC COMPONENTS INSTALLATION



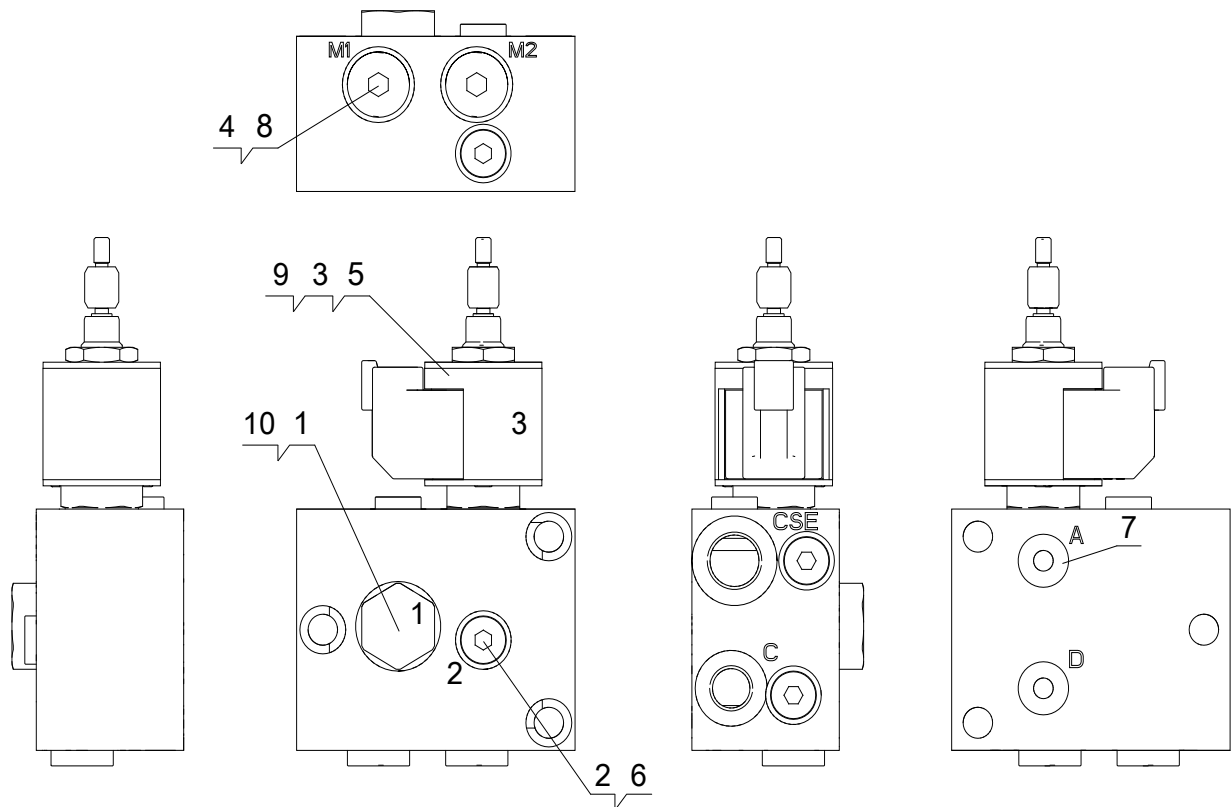
No.	Part No.	Qty.	Description
1	215020000031	3	Screw M8×45-10.9-DKL GB/T 70.1
2	215040000005	7	Washer 8-ZnD GB/T 93
3	215020000024	4	Screw M8×25-8.8-ZnD GB/T 70.1
4	101054033084	1	Bolt, self-build
5	215020000022	3	Screw M8×16-8.8-ZnD GB/T 70.1
6	101054050002		Lift control valve options
6-1	202040003295	1	Lift control valve(for Lead-acid Battery , 1000176)
6-2	202040003500	1	Lift control manifold(for Lead-acid Battery , 1000857)
6-3	202040003293	1	Lift control valve(for Lead-acid Battery , 1000282)
6-4	202040003323	1	Lift control valve(for Lithium Battery , 1000176)
6-5	202040003581	1	Lift control manifold(for Lithium Battery , 1000857)
6-6	202040003315	1	Lift control valve(for Lithium Battery , 1000282)
7	101012010046	1	Bracket
8	101014053008	1	Clamp, self-build
9	101049050001		Options, Platform control valve
9-1	202040003331	1	Platform control valve(for Lithium Battery , 1000176)
9-2	202040003322	1	Platform control valve(for Lithium Battery , 1000282)
9-3	202040003049	1	Platform Control Valve(for Lead-acid Battery , 1000282)
9-4	202040003134	1	Platform Control Valve(for Lead-acid Battery , 1000176)
10	215030000109	1	Nut M10-8-ZnD GB/T 6183.1

## 4.2 LIFT CONTROL VALVE (PN.202040003293)



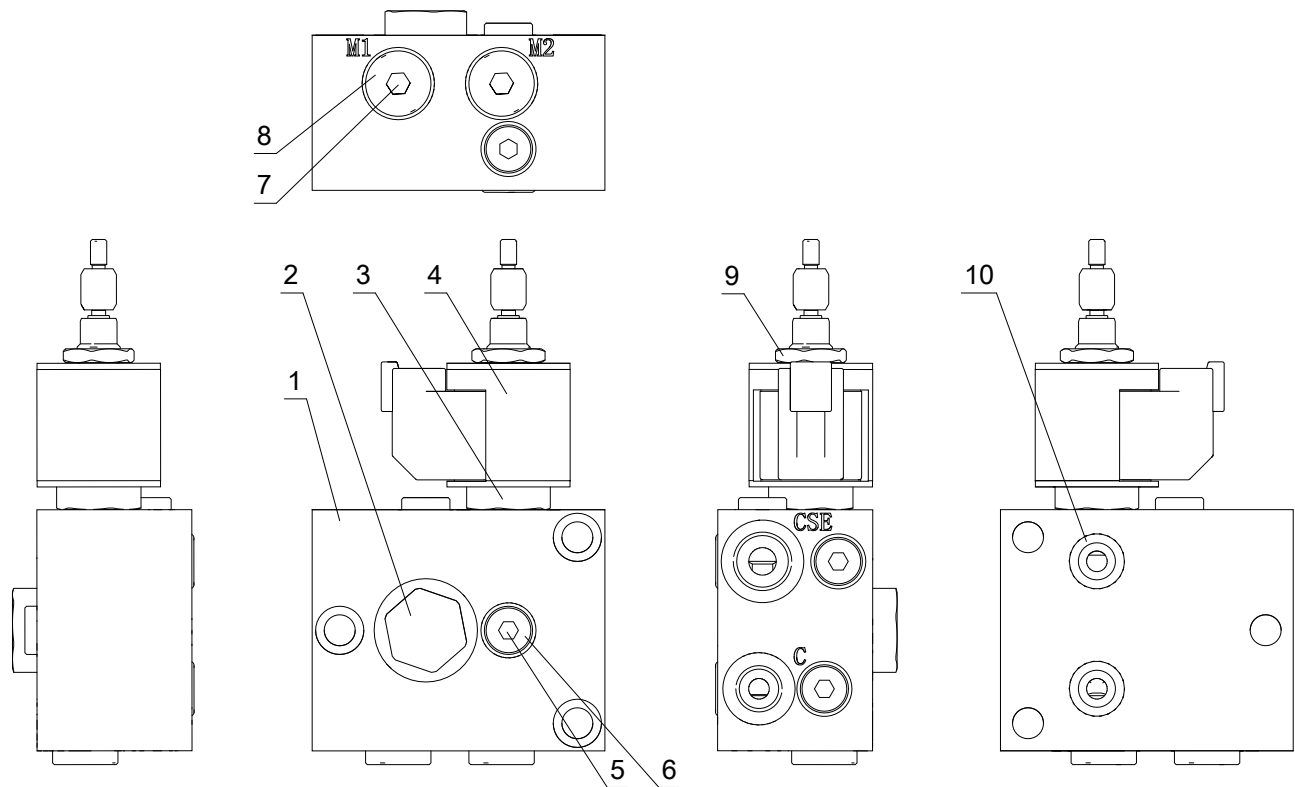
No.	Part No.	Qty.	Description
2	202990003023	1	Check valve (with screen)
3	202990003020	1	Solenoid valve(with screen)
4	202990003019	1	Coil
5	202130000006	1	Damper plug
7	202130000007	1	Damper plug
10	207040003003	2	O-ring

## 4.3 LIFT CONTROL VALVE (PN.202040003295)



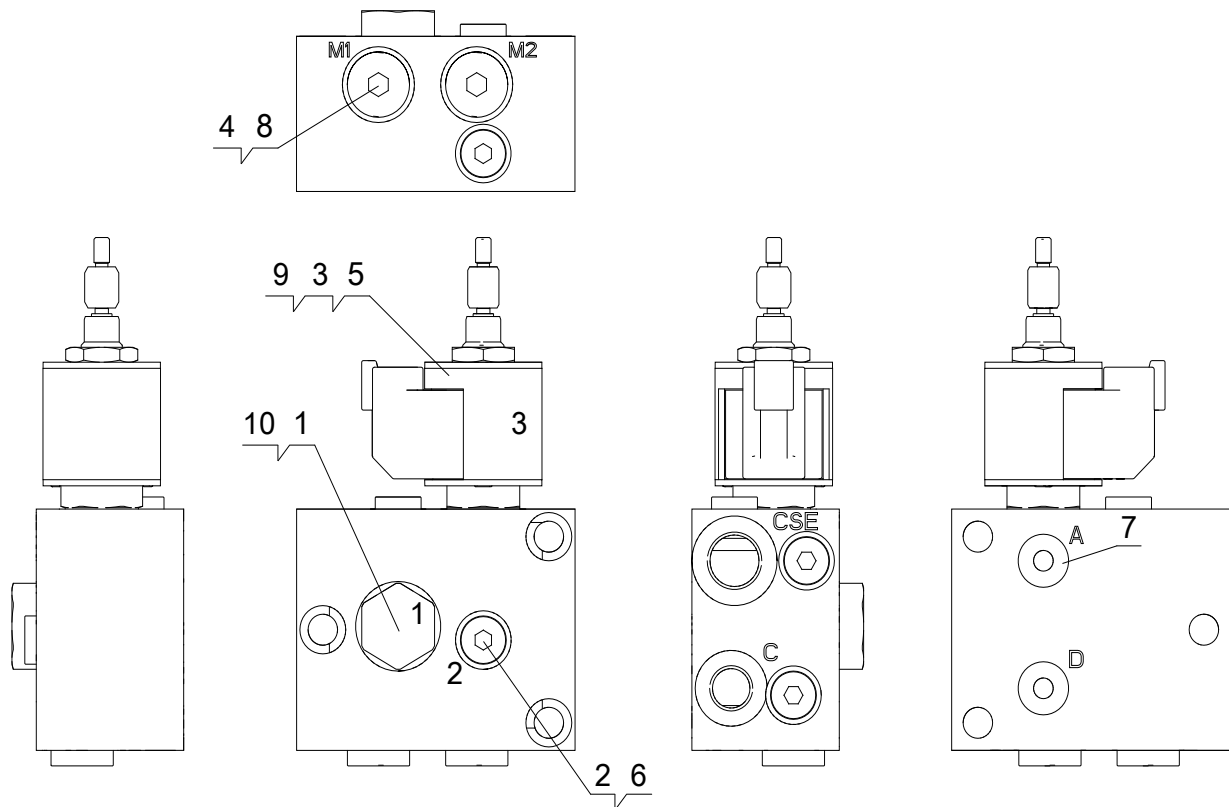
No.	Part No.	Qty.	Description
1	202990003021	1	Check valve (with screen)
2	202130000006	1	Damper plug
3	202990000031	1	Solenoid valve spool, lower lifting
4	202130000007	1	Damper plug
5	202990000039	1	Coil
7	207040003003	2	O-ring
9	202080003007	1	Filter screen

4.4 LIFT CONTROL VALVE (PN.202040003315)



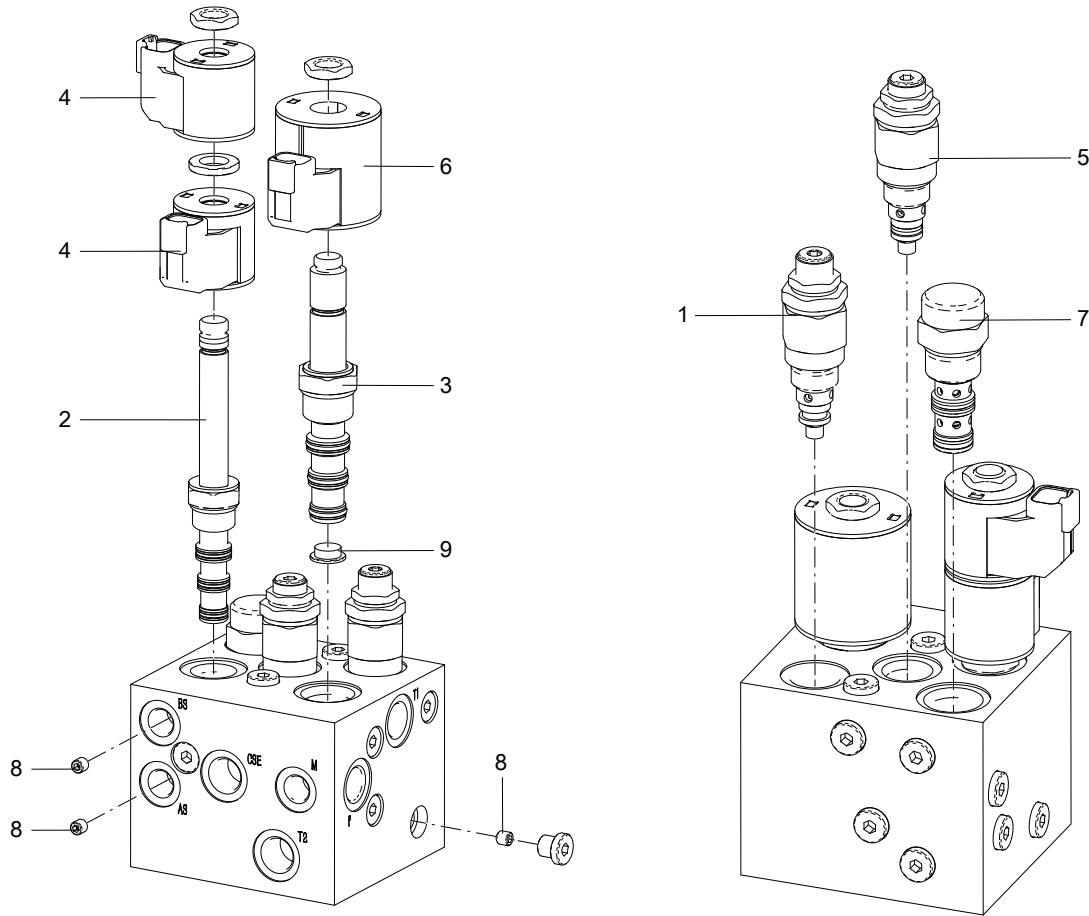
No.	Part No.	Qty.	Description
2	202990003023	1	Check valve (with screen)
3	202990003020	1	Solenoid valve(with screen)
4	202990003117	1	Coil
5	202130000007	1	Damper plug
7	202130000006	1	Damper plug
10	207040003003	2	O-ring

## 4.5 LIFT CONTROL VALVE (PN.202040003323)



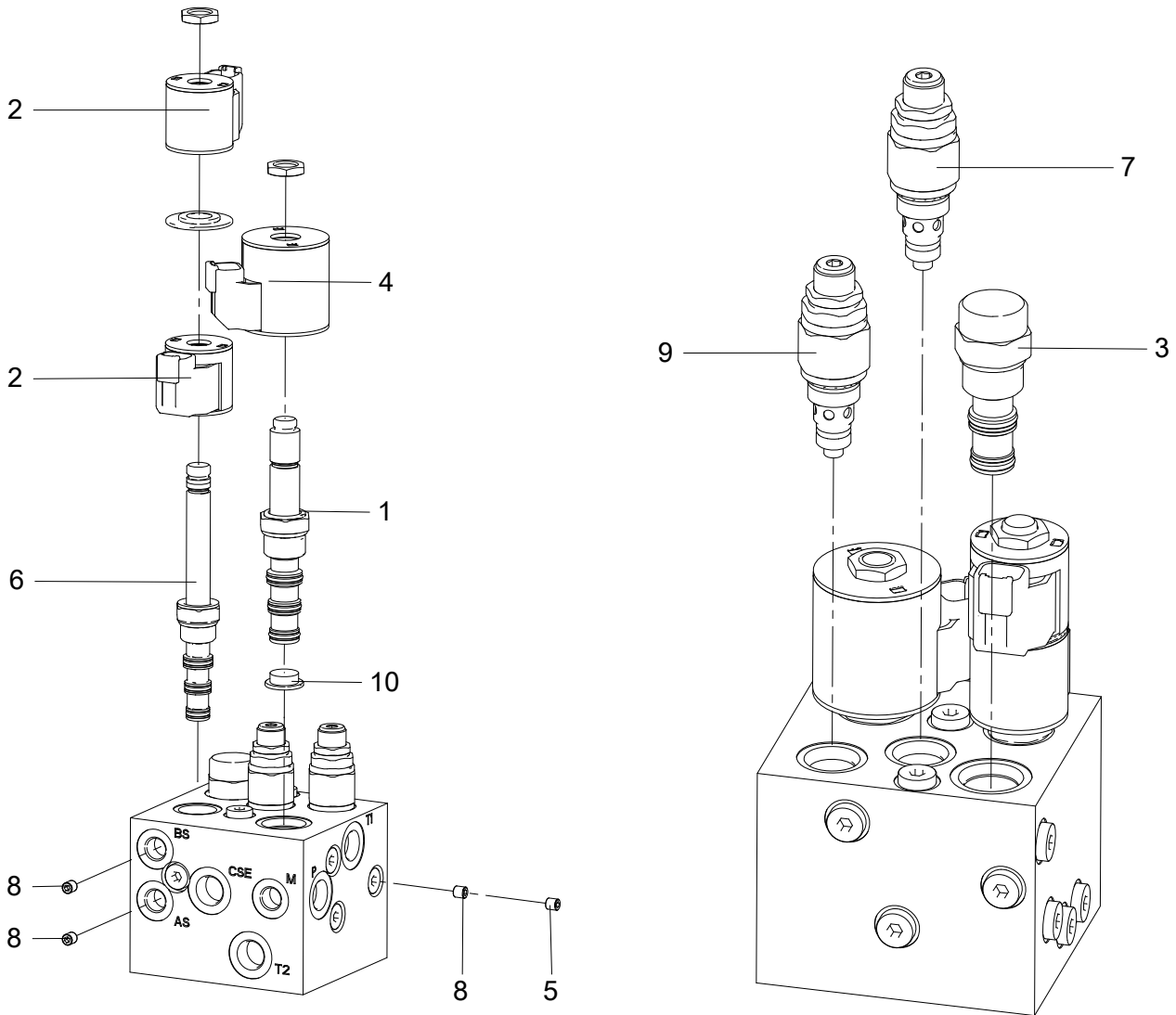
No.	Part No.	Qty.	Description
1	202990003081	1	Check valve
2	202130000006	1	Damper plug
3	202990000031	1	Solenoid valve spool, lower lifting
4	202130000007	1	Damper plug
5	202990003114	1	Coil
7	207040003003	2	O-ring
9	202080003007	1	Filter screen
10	202080003008	1	Filter screen

4.6 PLATFORM CONTROL VALVE (PN.202040003049)



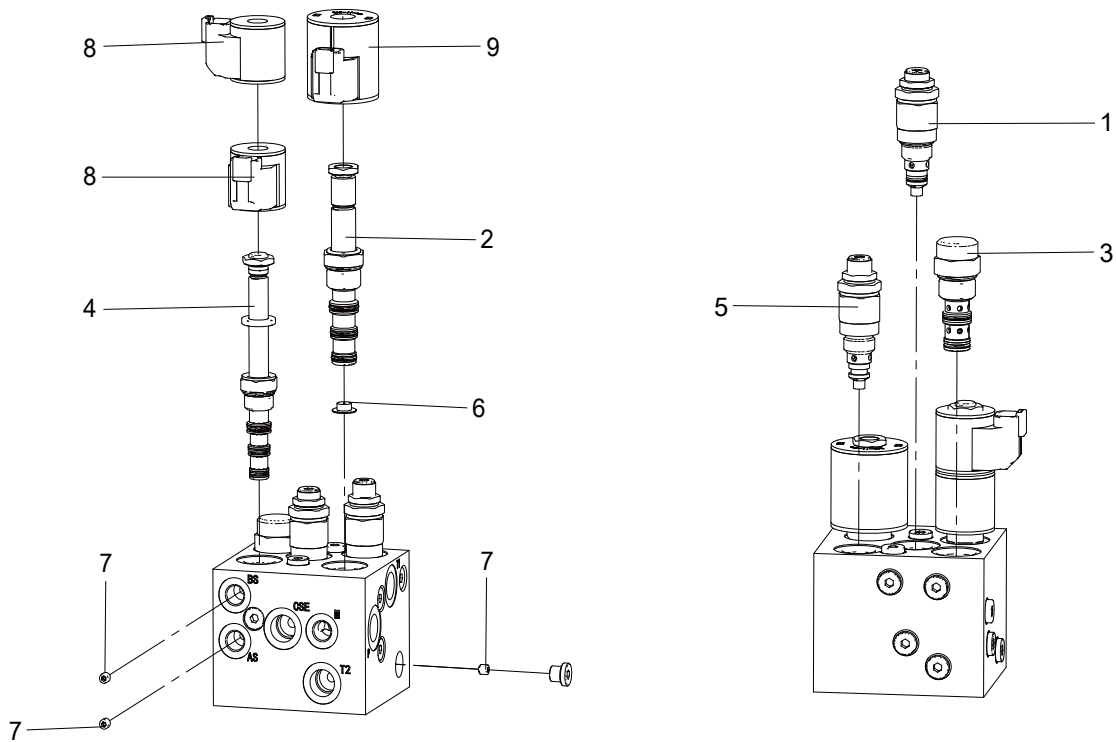
No.	Part No.	Qty.	Description
1	202990003029	1	Relief valve
2	202990003034	1	Solenoid valve
3	202990003030	1	Solenoid valve
4	202990003019	2	Coil
5	202990003031	1	Relief valve
6	202990003033	1	Coil
7	202990003024	1	Flow control valve
8	202130000006	3	Damper plug
9	202990003127	1	Damper strip

4.7 PLATFORM CONTROL VALVE (PN.202040003134)



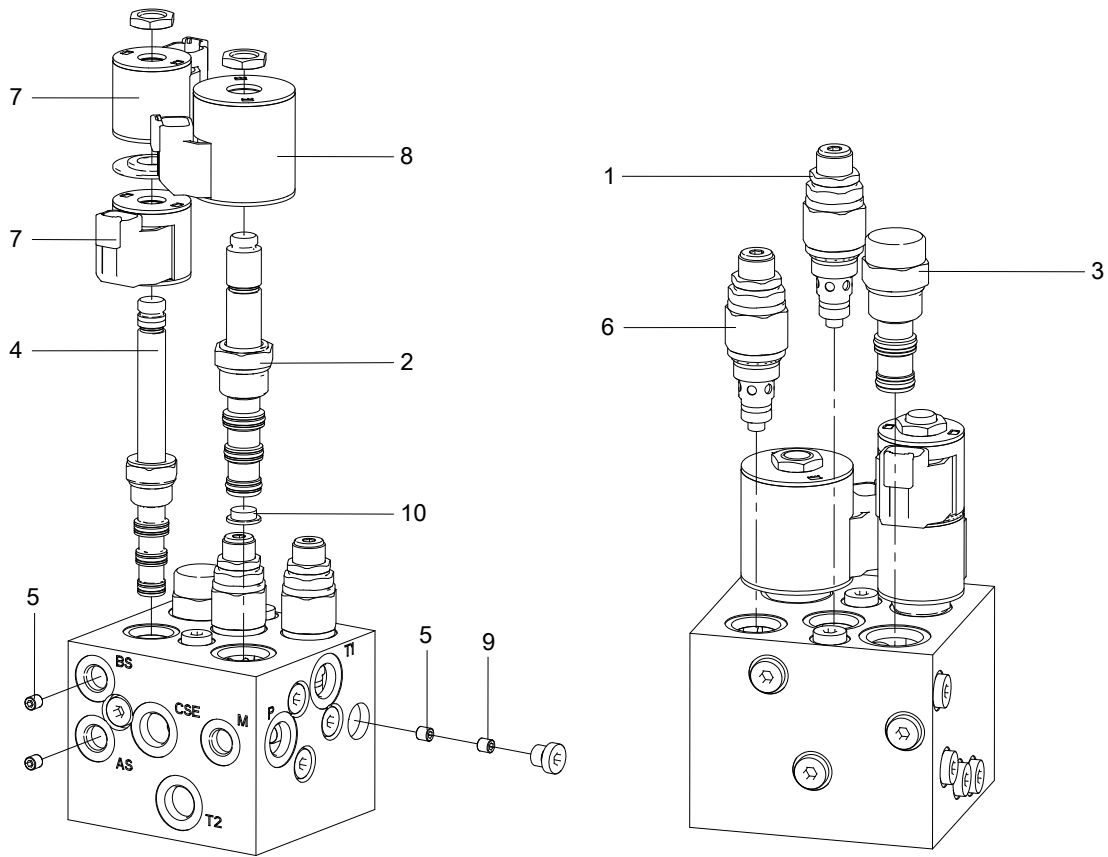
No.	Part No.	Qty.	Description
1	202990000027	1	Lifting valve spool
2	202990000039	2	Coil
3	202990003024	1	Flow control valve
4	202990000036	1	Coil
5	202990003026	1	Damper
6	202990000012	1	Solenoid valve spool(without coil)
7	202040003150	1	Relief valve
8	202130000006	3	Damper plug
9	202990000032	1	Relief valve
10	202990003127	1	Damper strip

4.8 PLATFORM CONTROL VALVE (PN.202040003322)



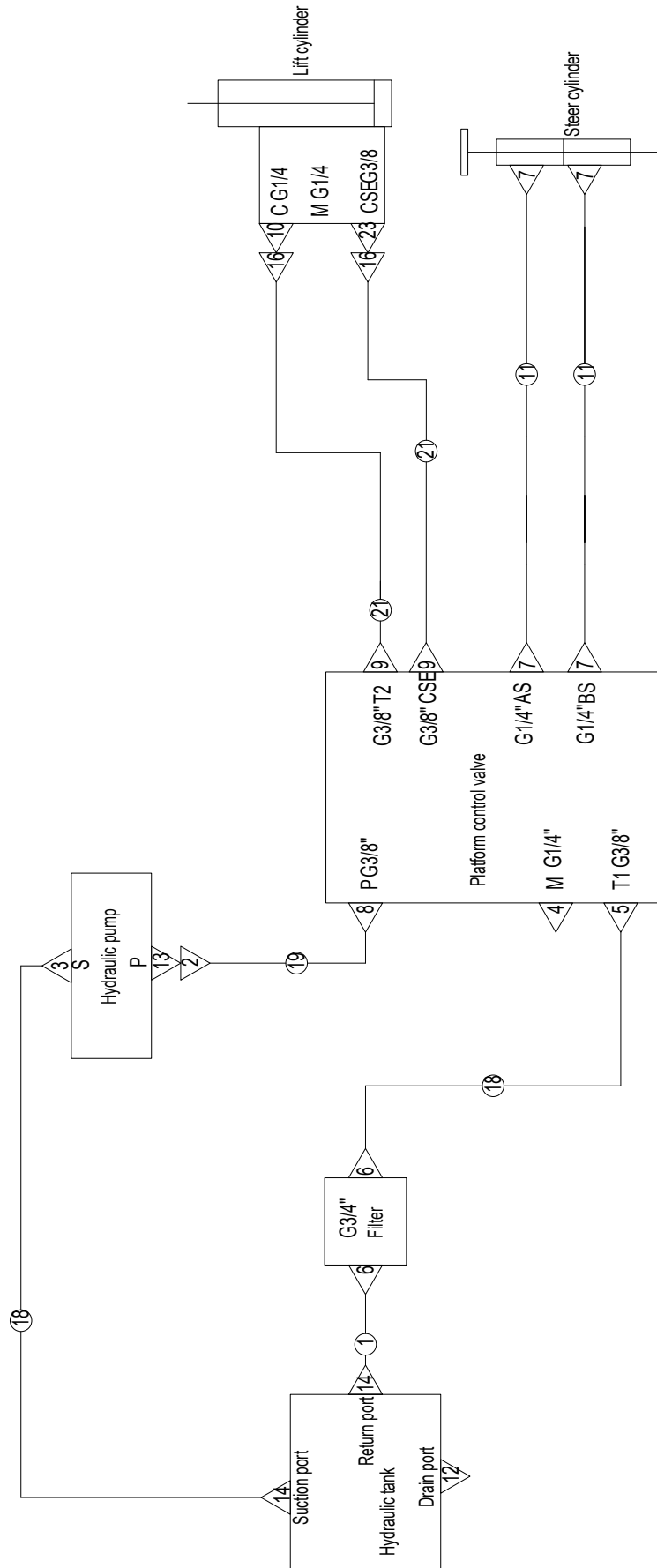
No.	Part No.	Qty.	Description
1	202990003029	1	Relief valve
2	202990003030	1	Solenoid valve
3	202990003236	1	Flow control valve
4	202990003034	1	Solenoid valve
5	202990003031	1	Relief valve
6	202990003127	1	Damper strip
7	202130000006	3	Damper plug
8	202990003117	2	Coil
9	202990003118	1	Coil

4.9 PLATFORM CONTROL VALVE (PN.202040003331)



No.	Part No.	Qty.	Description
1	202990000032	1	Relief valve
2	202990000027	1	Lifting valve spool
3	202990003024	1	Flow control valve
4	202990000012	1	Solenoid valve spool(without coil)
5	202130000006	3	Damper plug
6	202990000028	1	Relief valve
7	202990003114	2	Coil
8	202990003115	1	Coil
9	202990003026	1	Damper
10	202990003127	1	Damper strip

4.10 HYDRAULIC TUBES LAYOUT

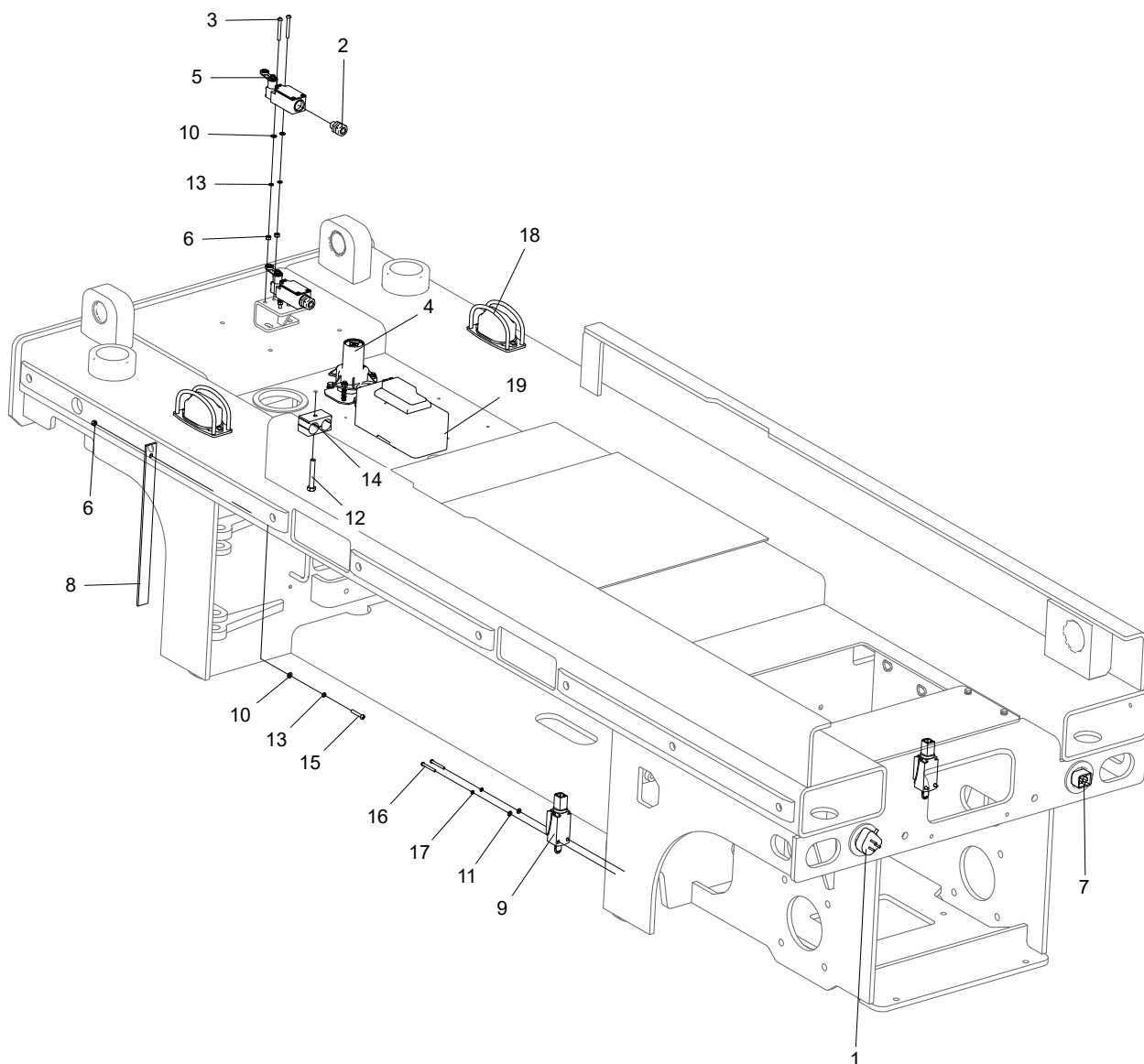


No.	Part No.	Qty.	Description
1	213050000475	1	Hose
2	213010000055	1	Coupler
3	213010000061	1	Coupler
4	213010000010	1	Coupler
5	213010000003	1	Coupler
6	213010000014	2	Coupler
7	213010000007	4	Coupler
8	213010000005	1	Coupler
9	213010000006	2	Coupler
10	213010000012	1	Coupler
11	213050008764	2	Hose
12	213060000002	1	Plug
13	213010000038	1	Coupler
14	101011050001	2	Sunction tube assy
16	213010000009	2	Coupler
18	213050001327	2	Hose
19	213050003420	1	Hose
20	216110000001	1	Hose jacket
21	213050008753	2	Hose
23	213010003141	1	Coupler

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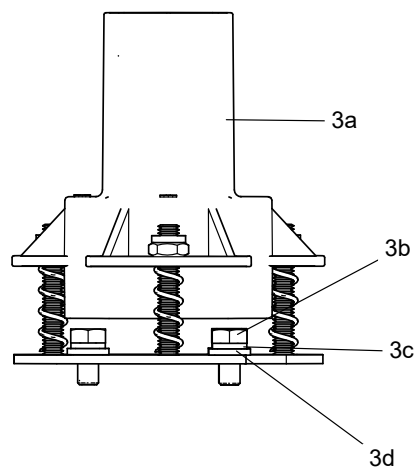
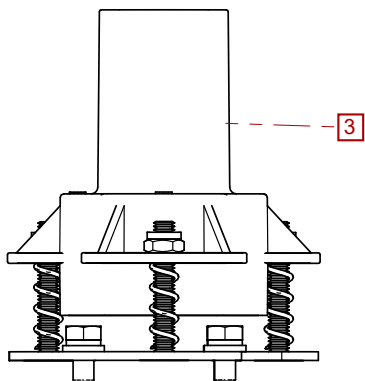
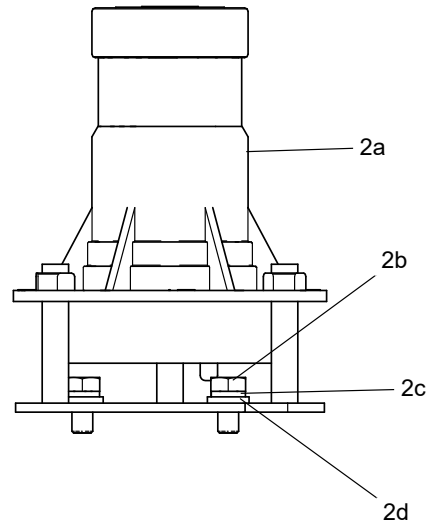
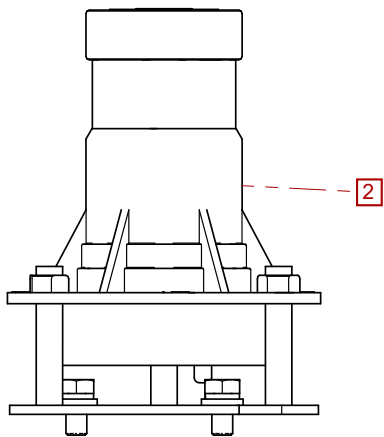
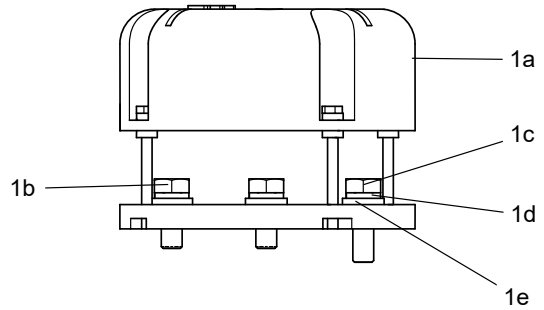
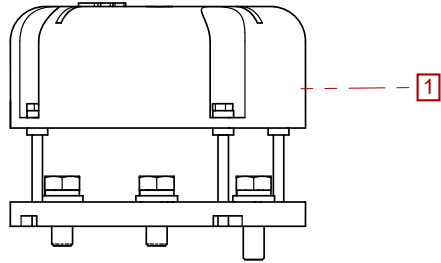
# **5 ELECTRICAL SYSTEM**

### 5.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	101055063023		Charger cord and plug options
2	201990003005	2	Connector, waterproof, nylon
3	215020000215	4	Screw M5×40-A2-70 GB/T 818
4	101053063017		Options, Level sensor installation
5	203060000108	2	Travel switch
6	215030000003	5	Nut M5-A2-70 GB/T 6170
7	101053063026		Options, 3 pins plug
7-1	203080003071	1	Male and female connector butted line(0.3m)
7-2	203080000343	1	Male and female connector butted line(4m)
8	203160000004	1	Rubber conductive band
9	101058063003		Options, Limit switch, Pothole protection
9-1	203060003030	2	Travel switch(XCKP2102D44)
9-2	203060003031	2	Travel switch(XCKP2102P16)
10	215040000032	5	Washer 5-A2 GB/T 97.1
11	215040000031	4	Washer 4-A2 GB/T 97.1
12	215010000064	1	Bolt M8×55-8.8-ZnD GB/T 5783
13	215040000003	5	Washer 5-A2-70 GB/T 93
14	216990003000	1	Clamp, duplex
15	215020000114	1	Screw M5×30-A2-70 GB/T 818
16	215020000212	4	Screw M4×35-A2-70 GB/T 818
17	215040000002	4	Washer 4-A2-70 GB/T 93
18	101053063001		LED light options
19	101053063020		RCBO options

5.2 LEVEL SENSOR OPTIONS

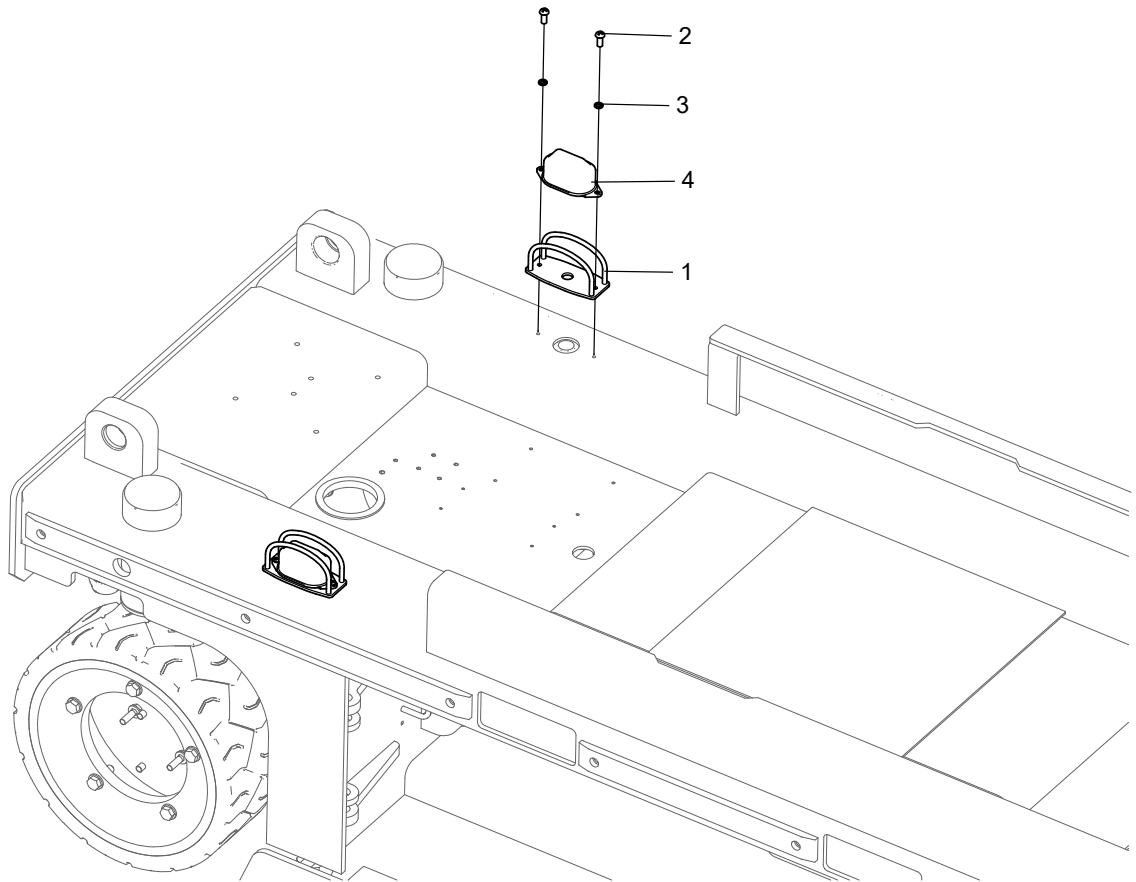


No.	Part No.	Qty.	Description
1	101053063016	1	Level sensor installation(1000154)
1a	203060000076	1	Level switch
1b	215010000050	2	Bolt M6×16-A2-70 GB/T 5783
1c	215010000051	1	Bolt M6×20-A2-70 GB/T 5783
1d	215040000004	3	Washer 6-A2-70 GB/T 93
1e	215040000033	3	Washer 6-A2 GB/T 97.1
2	101053063015	1	Level sensor installation(1000135)
2a	203150000036	1	Level switch
2b	215010000049	3	Bolt M6×12-A2-70 GB/T 5783
2c	215040000004	3	Washer 6-A2-70 GB/T 93
2d	215040000033	3	Washer 6-A2 GB/T 97.1
3	101016063112	1	Zhichuan horizontal switch installation(1000167)
3a	203060003142	1	Level switch
3b	215010000049	3	Bolt M6×12-A2-70 GB/T 5783
3c	215040000004	3	Washer 6-A2-70 GB/T 93
3d	215040000033	3	Washer 6-A2 GB/T 97.1

### 5.3 CHARGER PLUG CORD OPTIONS

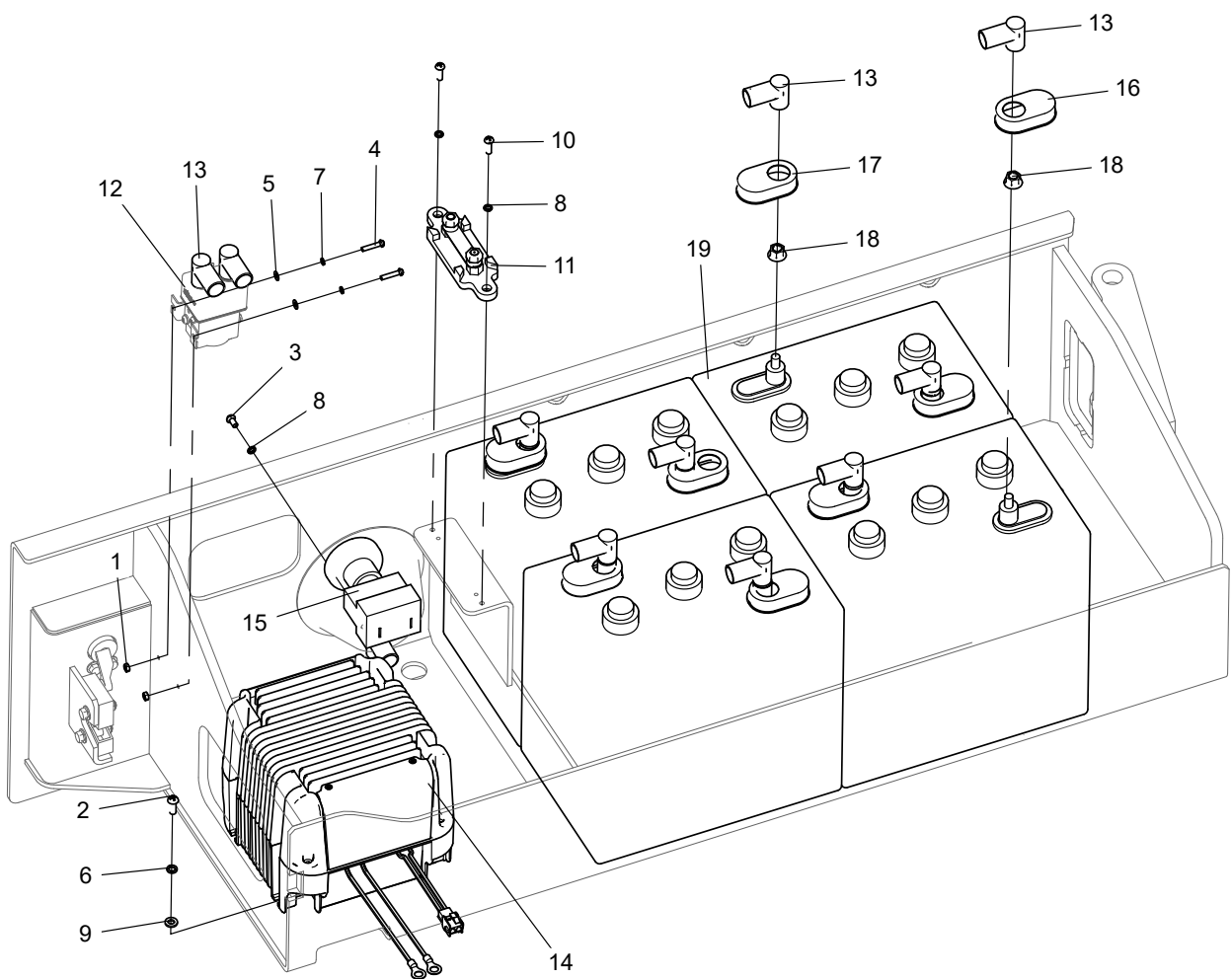
No.	Part No.	Qty.	Description
1	203080000177	1	Charger plug cable(Type E+F, European and Brazilian specs)
2	203080000319	1	Charger plug cable(Type L, South America specs)
3	203080003527	1	Charger plug cable(Japan-RIKEN (915A-125V))
4	203080000175	1	Charger plug cable(Type I, China and Australian specs)
5	203080000173	1	Charger plug cable(Type M, Macao specs)
6	203080000174	1	Charger plug cable(Type J, Swiss specs)
7	203080000630	1	Charger plug cable(Type B, Americag and South America specs)
8	203080003528	1	Charger plug cable(UK)
9	101055063062	1	Charger cord and plug(Australia and New Zealand)
10	203080000178	1	Charger plug cable(Type G, HongKong and Middle East specs)

### 5.4 LED LIGHT INSTALLATION



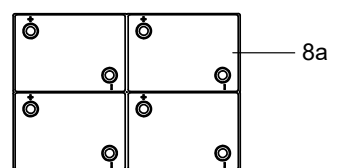
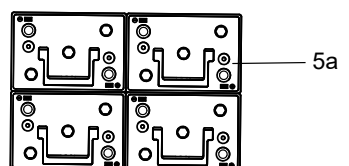
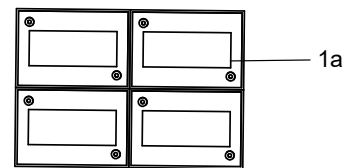
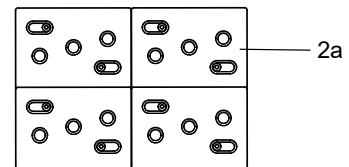
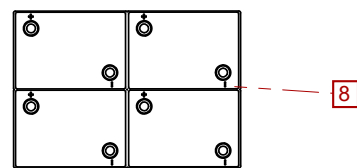
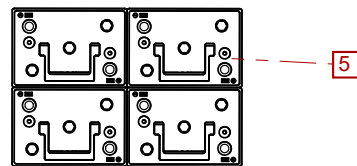
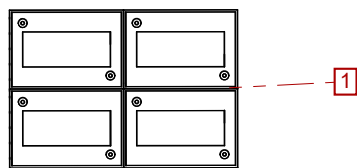
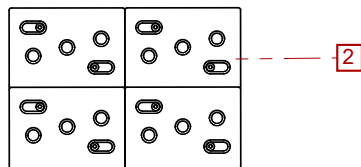
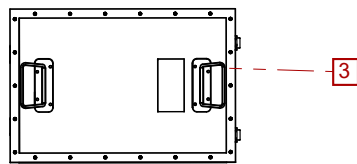
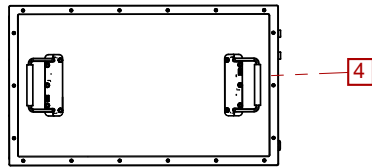
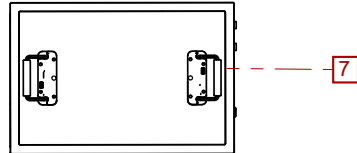
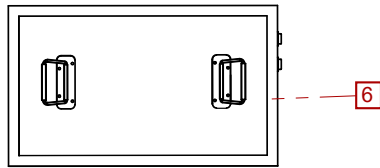
No.	Part No.	Qty.	Description
1	203990000003	2	Dust cover
2	215020000110	4	Screw M5×12-A2-70 GB/T 818
3	215040000003	4	Washer 5-A2-70 GB/T 93
4	203050000038	2	LED strobe light

### 5.5 LEFT DOOR ELECTRICAL COMPONENTS INSTALLATION (WITH EMERGENCY STOP SWITCH)



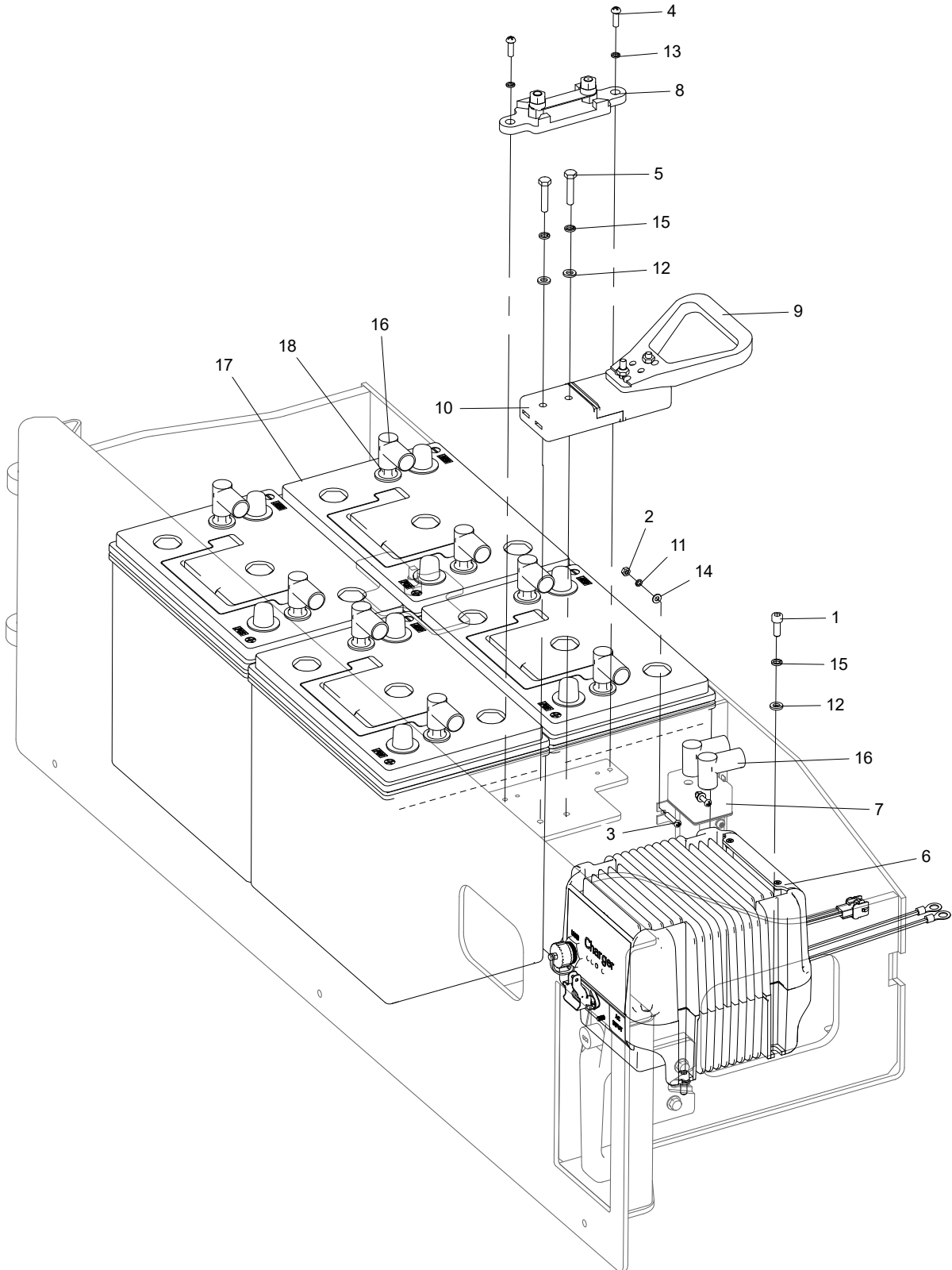
No.	Part No.	Qty.	Description
1	215030000002	2	Nut M4-8-A2-70 GB/T 6170
2	215020000116	4	Screw M6×16-A2-70 GB/T 818
3	215020000109	2	Screw M5×10-A2-70 GB/T 818
4	215020000107	2	Screw M4×20-A2-70 GB/T 818
5	215040000031	2	Washer 4-A2 GB/T 97.1
6	215040000004	4	Washer 6-A2-70 GB/T 93
7	215040000002	2	Washer 4-A2-70 GB/T 93
8	215040000003	4	Washer 5-A2-70 GB/T 93
9	215040000033	4	Washer 6-A2 GB/T 97.1
10	215020000111	2	Screw M5×16-A2-70 GB/T 818
11	203070000043	1	Fuse holder (with 275A fuse)
12	101040063172		Contactor selection
12-1	203040000023	1	Contactor(1000077)
12-2	203040003016	1	Contactor(1000254)
13	203080000004	12	PVC sheath
14	101053063019		Charger options
14-1	203100000025	1	Charger(Lead acid battery, maintenance-free,Lead acid battery)
14-2	203100003052	1	Charger(Lithium battery,30A)
14-3	203100000067	1	Charger(Lithium battery)
15	203060000124	1	Power switch
16	203100000041	4	Battery cap
17	203100000044	4	Battery cap
18	215080000007	8	Hexagon flange nut 5/16-18UNC-GR8-DKL ASME B18.2.2
19	101053060020		Batteries Options

5.6 BATTERIES OPTIONS



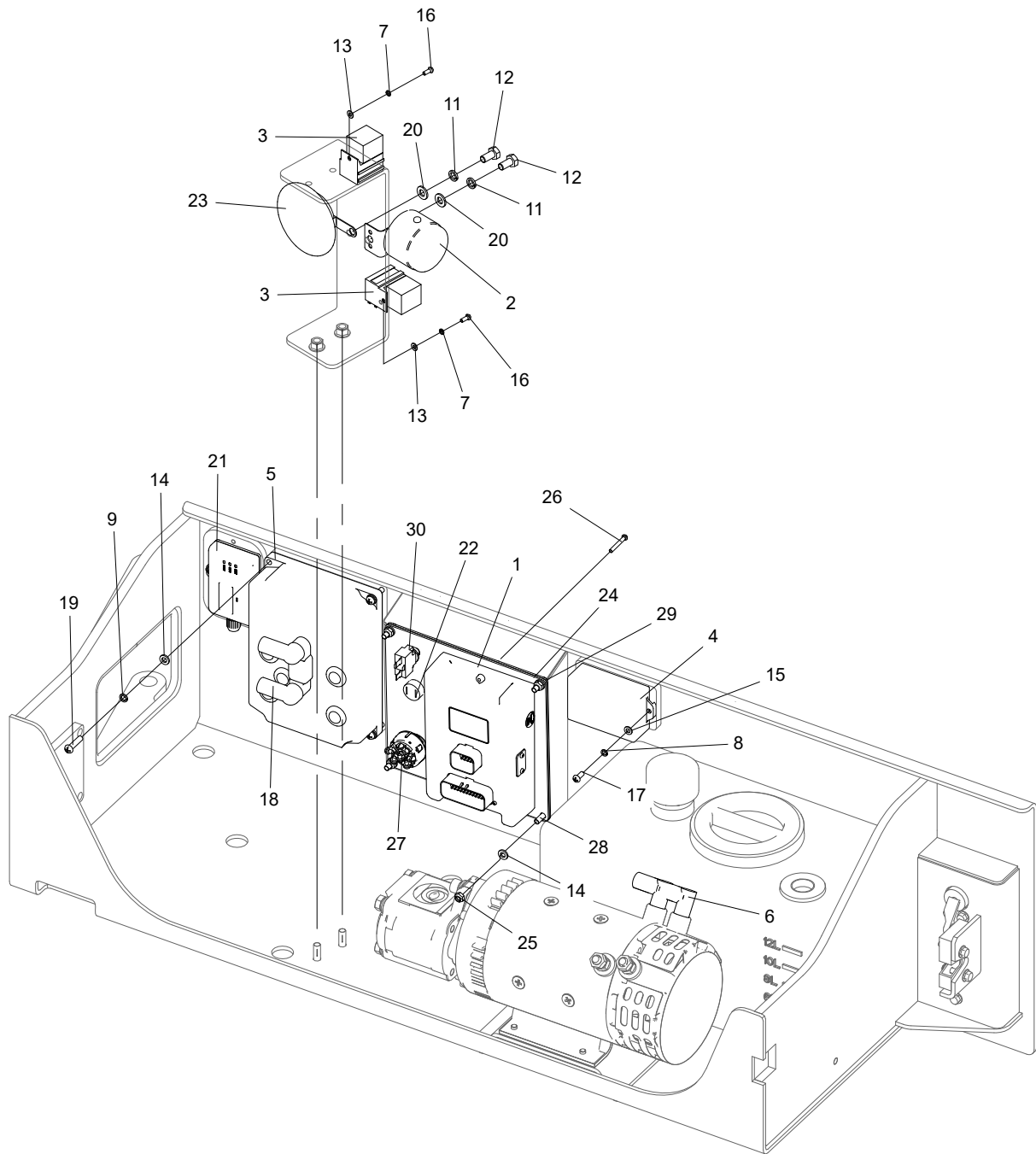
No.	Part No.	Qty.	Description
1	101054063044	1	lead acid battery
1a	203100003092	4	Lead-acid battery
2	101053060021	1	Lead acid battery
2a	203100000002	4	Lead-acid battery
3	203100003086	1	Lithium battery
4	203100003055	1	Lithium battery
5	101053060023	1	Lead acid battery
5a	203100000017	4	Battery
6	203100003051	1	Lithium battery
7	203100003061	1	Lithium battery
8	101078063016	1	lead acid battery
8a	203100003104	4	Storage battery

## 5.7 LEFT DOOR ELECTRICAL COMPONENTS INSTALLATION (WITH EMERGENCY STOP PLUG)



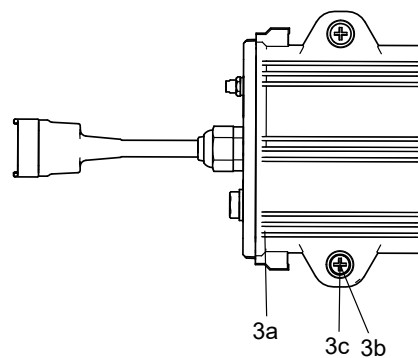
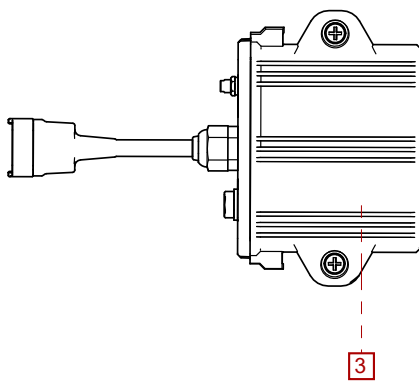
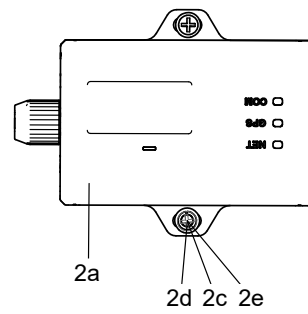
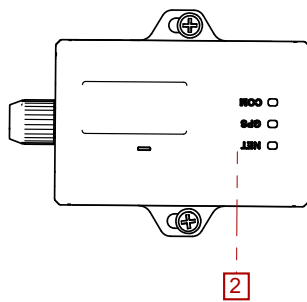
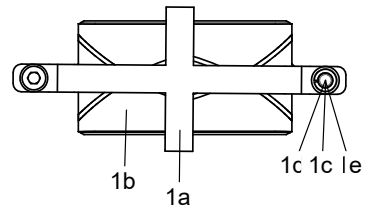
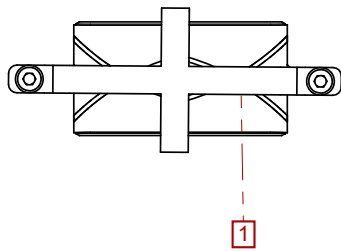
No.	Part No.	Qty.	Description
1	215020000011	4	Screw M6×16-A2-70 GB/T 70.1
2	215030000002	2	Nut M4-8-A2-70 GB/T 6170
3	215020000107	2	Screw M4×20-A2-70 GB/T 818
4	215020000111	2	Screw M5×16-A2-70 GB/T 818
5	215010000053	2	Bolt M6×30-A2-70 GB/T 5783
6	203100000025	1	Charger
7	101040063172		Contactor selection
7-1	203040000023	1	Contactor(1000077)
7-2	203040003016	1	Contactor(1000254)
8	203070000043	1	Fuse holder (with 275A fuse)
9	203080000647	1	Power plug and handle assembly
10	203080000002	1	Power plug
11	215040000002	2	Washer 4-A2-70 GB/T 93
12	215040000033	6	Washer 6-A2 GB/T 97.1
13	215040000003	2	Washer 5-A2-70 GB/T 93
14	215040000031	2	Washer 4-A2 GB/T 97.1
15	215040000004	6	Washer 6-A2-70 GB/T 93
16	203080000004	10	PVC sheath
17	203100000017	4	Battery
18	215080000007	8	Hexagon flange nut 5/16-18UNC-GR8-DKL ASME B18.2.2

5.8 RIGHT DOOR ELECTRICAL COMPONENTS INSTALLATION



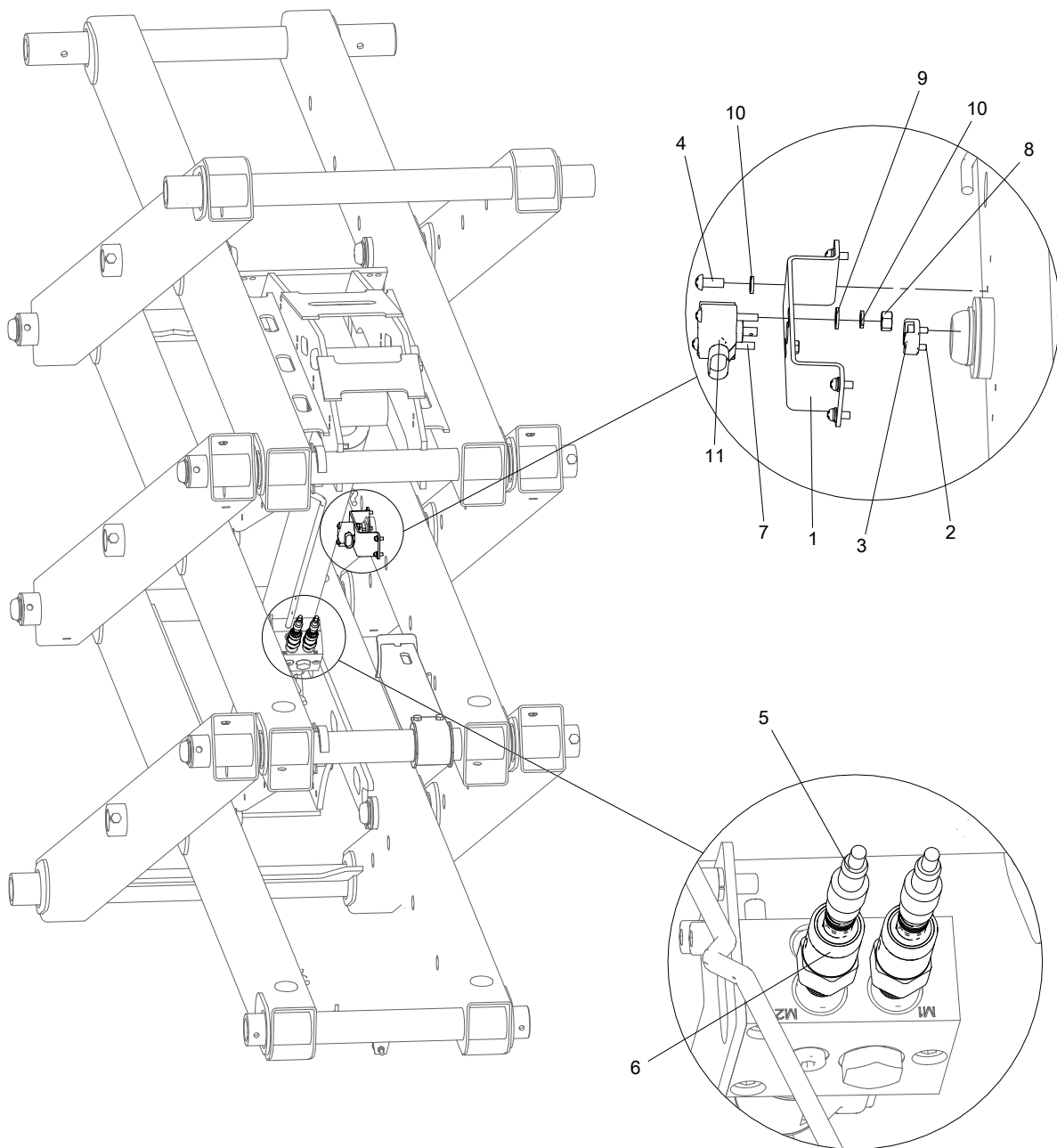
No.	Part No.	Qty.	Description
1	101041063016		Options, Main controller
1-1	203020000064	1	Main controller(DTC-K500-SN2)
1-2	203020003029	1	Main controller(SINOBOOM)
1-3	203020003144	1	Main controller(DTC-K500-SN6)
2	203050000002	1	Reverse buzzer
3	203040000001	2	Relay
4	203030000014	1	Travel circuit protector
5	203020000060	1	Motor controller
6	203080000004	2	PVC sheath
7	215040000002	2	Washer 4-A2-70 GB/T 93
8	215040000003	2	Washer 5-A2-70 GB/T 93
9	215040000004	4	Washer 6-A2-70 GB/T 93
10	203080000571	4	PVC sheath
11	215040000005	2	Washer 8-ZnD GB/T 93
12	215010000056	2	Bolt M8×16-8.8-ZnD GB/T 5783
13	215040000031	2	Washer 4-A2 GB/T 97.1
14	215040000033	12	Washer 6-A2 GB/T 97.1
15	215040000032	2	Washer 5-A2 GB/T 97.1
16	215020000104	2	Screw M4×10-A2-70 GB/T 818
17	215020000110	2	Screw M5×12-A2-70 GB/T 818
18	203080000572	1	PVC sheath
19	215020000118	4	Screw M6×25-A2-70 GB/T 818
20	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
21	101046063050		GPS options
22	203060000142	1	Emergency stop switch
23	203050000012	1	Electrical horn
24	101053063039	1	Surface film
25	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
26	215020000211	2	Screw M4×30-A2-70 GB/T 818
27	203060000066	1	Key switch
28	215020000117	4	Screw M6×20-A2-70 GB/T 818
29	101058033013	1	Plate
30	203160003001	1	Self-resetting fuse

5.9 GPS OPTIONS



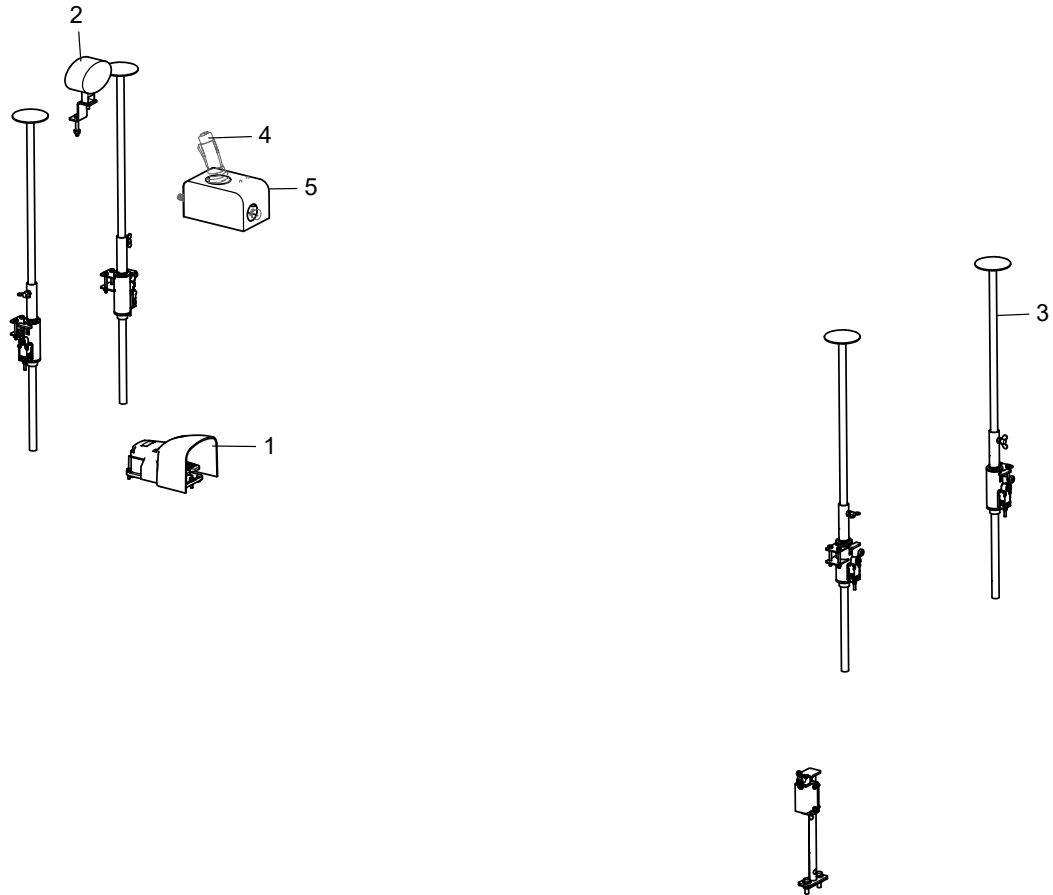
No.	Part No.	Qty.	Description
1	109002063014	1	GPS installation(1000254)
1a	101038033017	1	Guard
1b	203020003017	1	Patch GPS terminal
1c	215020000006	2	Screw M5×12-A2-70 GB/T 70.1
1d	215040000003	2	Washer 5-A2-70 GB/T 93
1e	215040000032	2	Washer 5-A2 GB/T 97.1
2	101042063006	1	GPS installation(1000577)
2a	203020003040	1	GPS module ( 4G )
2b	203150003022	1	GPS/LTE antenna
2c	215040000002	2	Washer 4-A2-70 GB/T 93
2d	215020000105	2	Screw M4×12-A2-70 GB/T 818
2e	215040000031	2	Washer 4-A2 GB/T 97.1
3	101014063060	1	GPS installation(Hornet Rentals)
3a	203150003042	1	T-BOX
3b	215020000112	2	Screw M5×20-A2-70 GB/T 818
3c	215040000032	2	Washer 5-A2 GB/T 97.1

### 5.10 SCISSOR ELECTRICAL COMPONENTS INSTALLATION



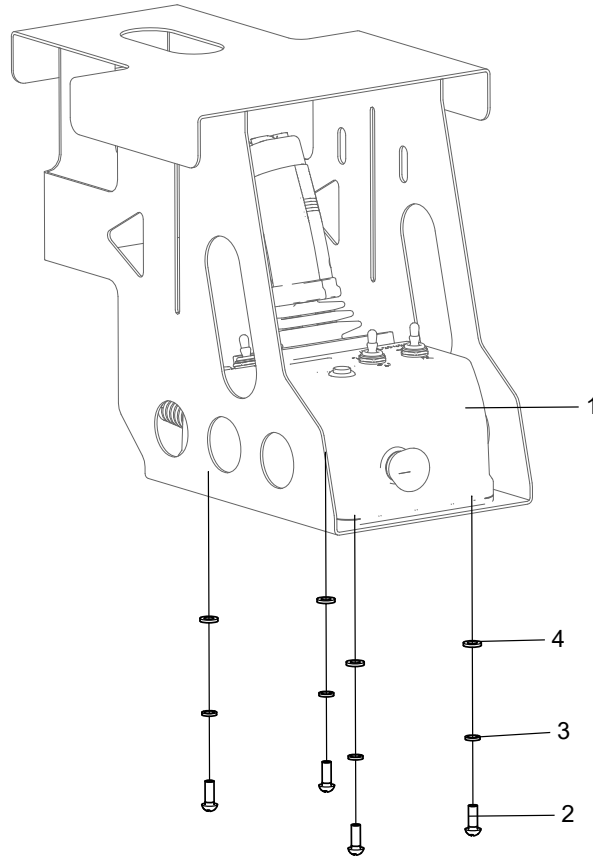
No.	Part No.	Qty.	Description
1	101016010063	1	Mount
2	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
3	101016010062	1	Flange
4	215020000110	4	Screw M5×12-A2-70 GB/T 818
5	203080003094	2	Plug with cable
6	203150000055	2	Pressure sensor
7	215020000215	2	Screw M5×40-A2-70 GB/T 818
8	215030000003	2	Nut M5-A2-70 GB/T 6170
9	215040000032	6	Washer 5-A2 GB/T 97.1
10	215040000003	6	Washer 5-A2-70 GB/T 93
11	203150000046	1	Angle sensor

5.11 PLATFORM ELECTRICAL COMPONENTS INSTALLATION



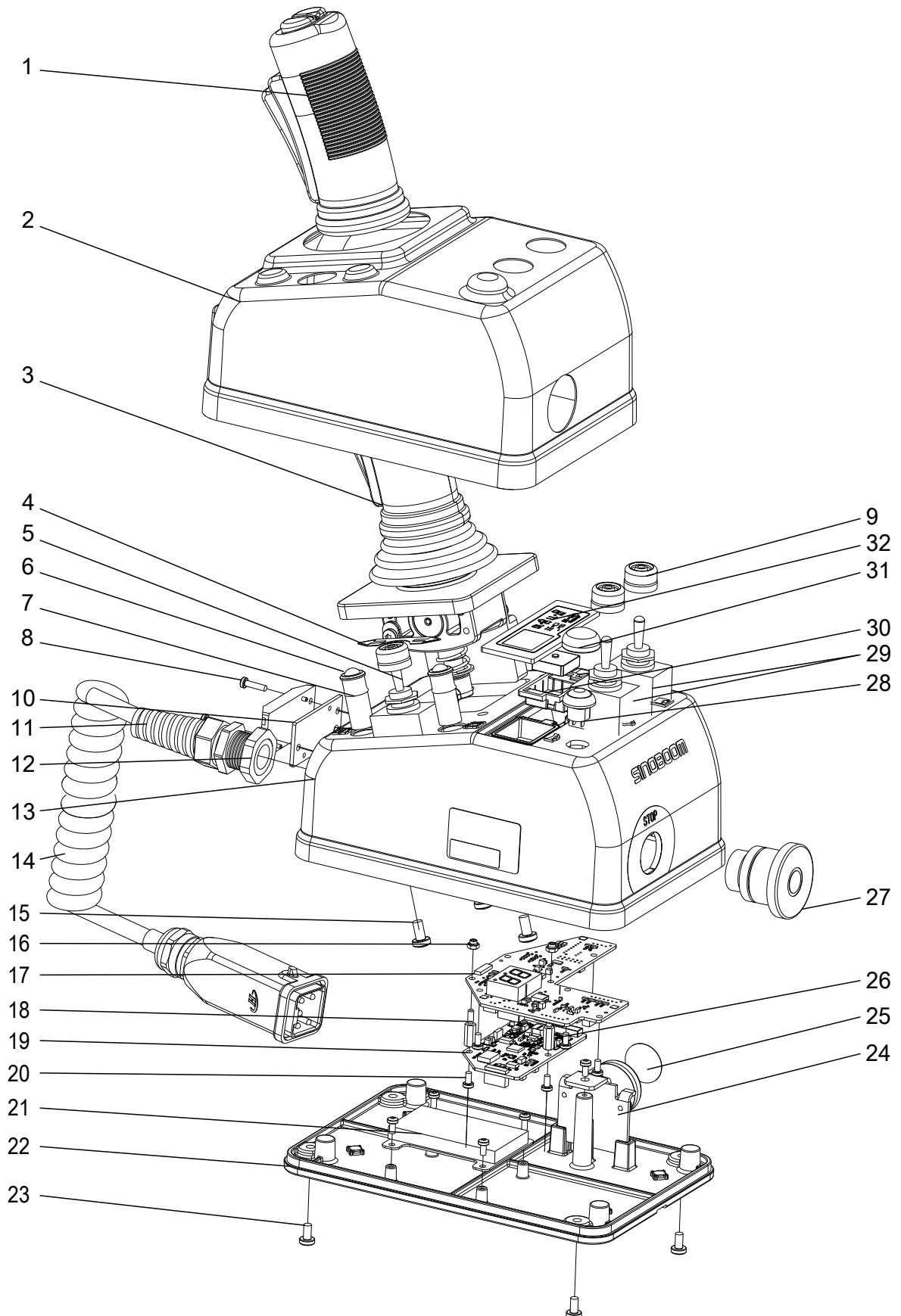
No.	Part No.	Qty.	Description
1	101053063012		,Foot Switch Options
2	101053063009		Work light options
3	101014063066		Crashproof configuration selective ( 0608/0808series )
4	101048063028		Platform Control Box Options
5-1	101015060015	1	Cover, Platform control box(DTC)
5-2	203060003104	1	Cover, Platform control box(SINOBOOM)

5.12 PLATFORM CONTROL BOX OPTIONS



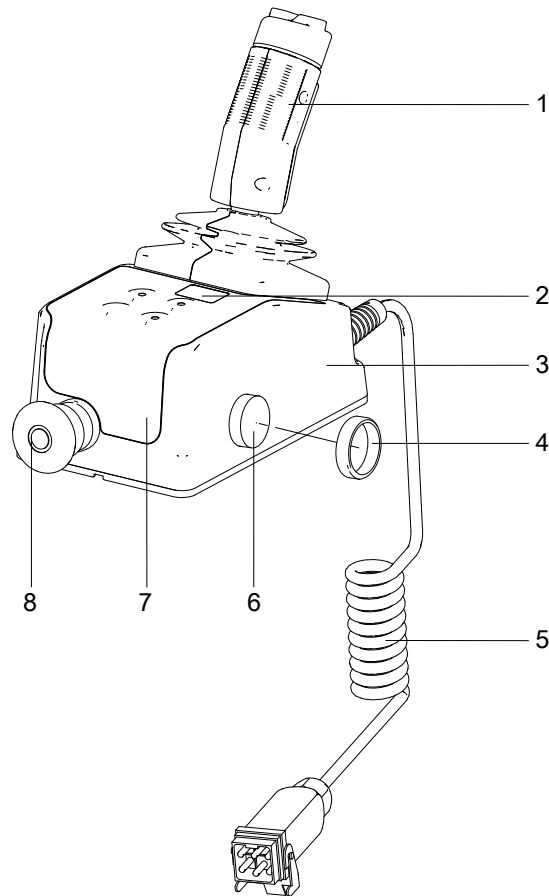
No.	Part No.	Qty.	Description
1-1	203020003028	1	Platform controller assembly(SINOBOOM)
1-2	203020003091	1	Platform controller(SINOBOOM , China specs)
1-3	203020000065	1	Platform controller(DTC)
2	215020000116	4	Screw M6×16-A2-70 GB/T 818
3	215040000004	4	Washer 6-A2-70 GB/T 93
4	215040000033	4	Washer 6-A2 GB/T 97.1

5.13 PLATFORM CONTROL BOX (PN.203020003028)



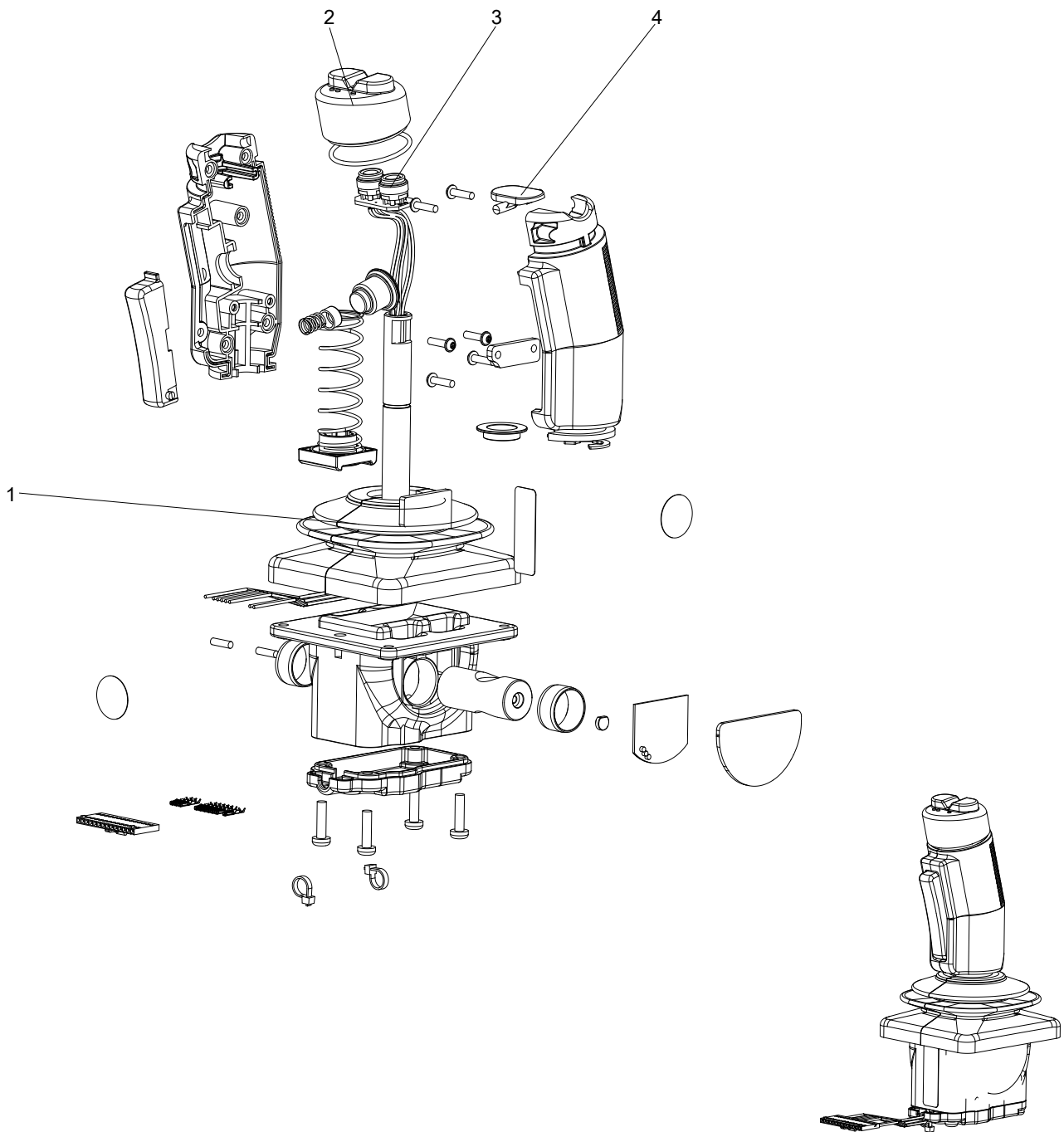
<b>No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	203060003103	1	Handle sheath
2	203060003104	1	Cover, Platform control box
3	203090003003	1	Joystick
4	203060003110	1	Overlay
5	201051063038	1	Socket assembly (0.2m), 4P
6	201051063039	1	Indicator light assembly, green
7	203060003112	2	O-ring for straight pipe
8	203060003117	2	Screw M3×12 GBT2672-2017 A2-70
9	201051063040	3	Cover, toggle switch
10	203060003108	1	Insulating spacer
11	203080003590	1	Cable connector
12	203060003114	1	Locking Nut
13	203060003050	1	Upper housing
14	203080003429	1	5-pin spiral cable assembly
15	203060003116	4	Screw M5×10 GBT2672-2017 A2-70
16	203060003119	2	Nut M3 GBT1337-1988 A2-70
17	203030003029	1	Motherboard assembly
18	203060003118	2	Spacing pin S5-M3×12d10+M3×8
19	203030003020	1	Mainboard assembly
20	203060003115	12	Screw M3×6 GBT2672-2017 A2-70
21	203100003101	1	Battery assembly
22	203060003052	1	Lower housing
23	203060003053	4	Screw M4×8 GBT2672-2017 A2-70
24	201051063036	1	Buzzer assembly
25	203060003111	1	Waterproof and acoustically-transparent overlay
26	203060003113	1	SIM-Hirschmann Internet of Things
27	203060003049	1	Emergency stop switch
28	203060003109	1	Button and harness assembly
29	201051063037	1	Toggle switch assembly
30	203060003102	1	Antenna pedestal
31	203060003106	1	Key sheath
32	203060003105	1	Glass plate

5.14 PLATFORM CONTROL BOX (PN.203020000065)



No.	Part No.	Qty.	Description
1	203030003022	1	Joystick
2	203060003060	1	PCU display panel
3	203060003059	1	PCU shell
4	203060003056	1	Buzzer seal ring
5	203080003458	1	PCU spring wire
6	203050003036	1	Buzzer
7	203060003063	1	Film
8	203060003054	1	Emergency stop switch
9	203060003055	1	Emergency stop block(Not Shown)
10	203030003021	1	Circuit board (Not Shown)

## 5.15 JOYSTICK (PN.203030003022)

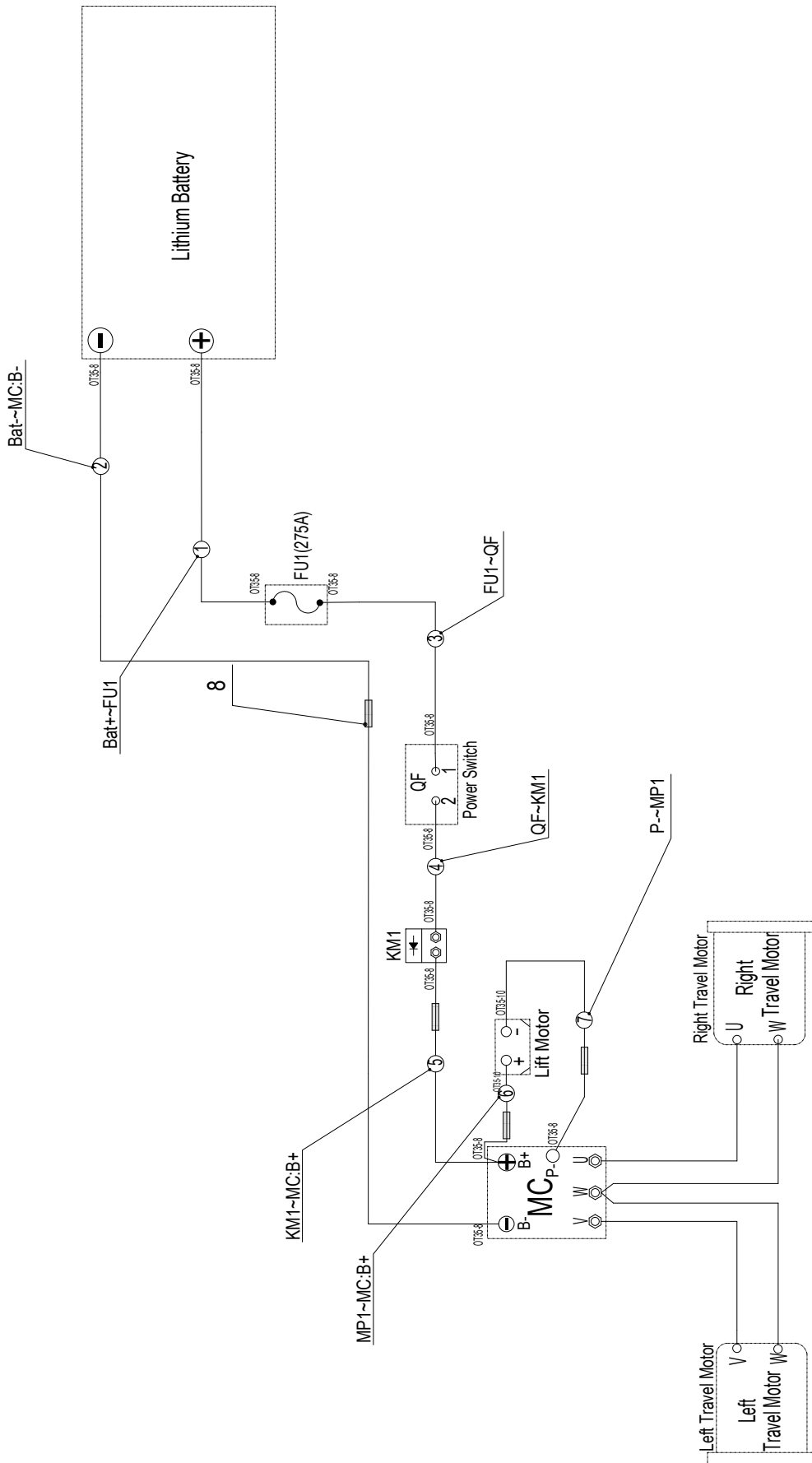


No.	Part No.	Qty.	Description
1	203060003061	1	Joystick internal connector
2	203060003062	1	Key cover
3	203060003057	1	Steering switch button
4	203060003064	1	Rubber sleeve

## 5.16 ELECTRICAL HARNESS ASSEMBLY

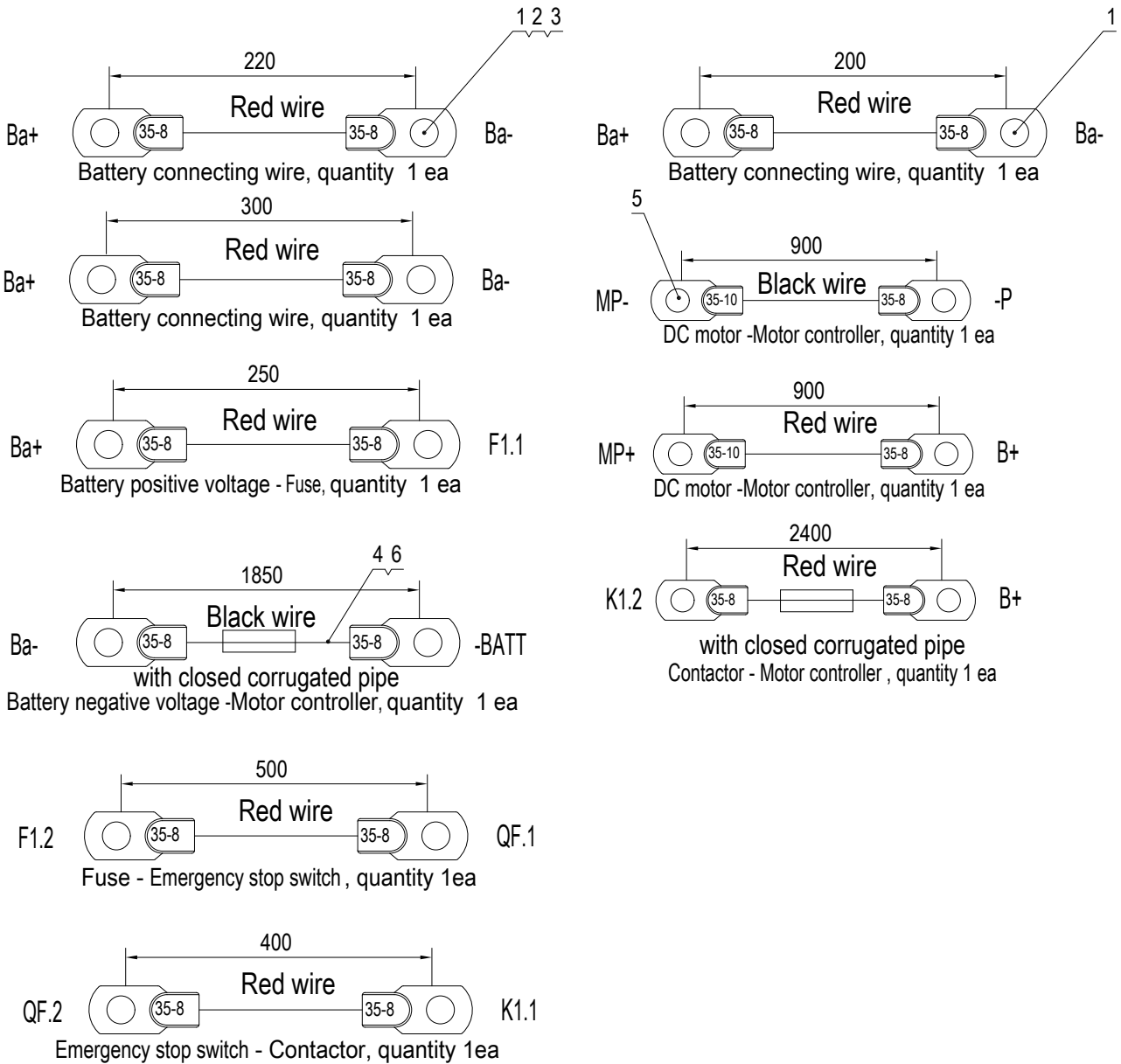
No.	Part No.	Qty.	Description
1	101053060005		Power harness options
1-1	101054063040	1	Electrical power wiring layout(with lithium battery)
1-2	101053060007	1	Power Cable Kit(with lead-acid battery)
1-3	101054063005	1	Power harness(with Emergency Stop Plug)
2	101053060002		Chassis harness options
2-1	101053060009	1	Chassis Harness(Lithium battery) (China)
2-2	101053063047	1	Chassis harness(Except China)
3	101053063022	1	Ground to platform harness(GTJZ0608E)
4	101054063000	1	Ground to platform harness(GTJZ0808E)

5.17 ELECTRICAL POWER WIRING LAYOUT (PN.101054063040)



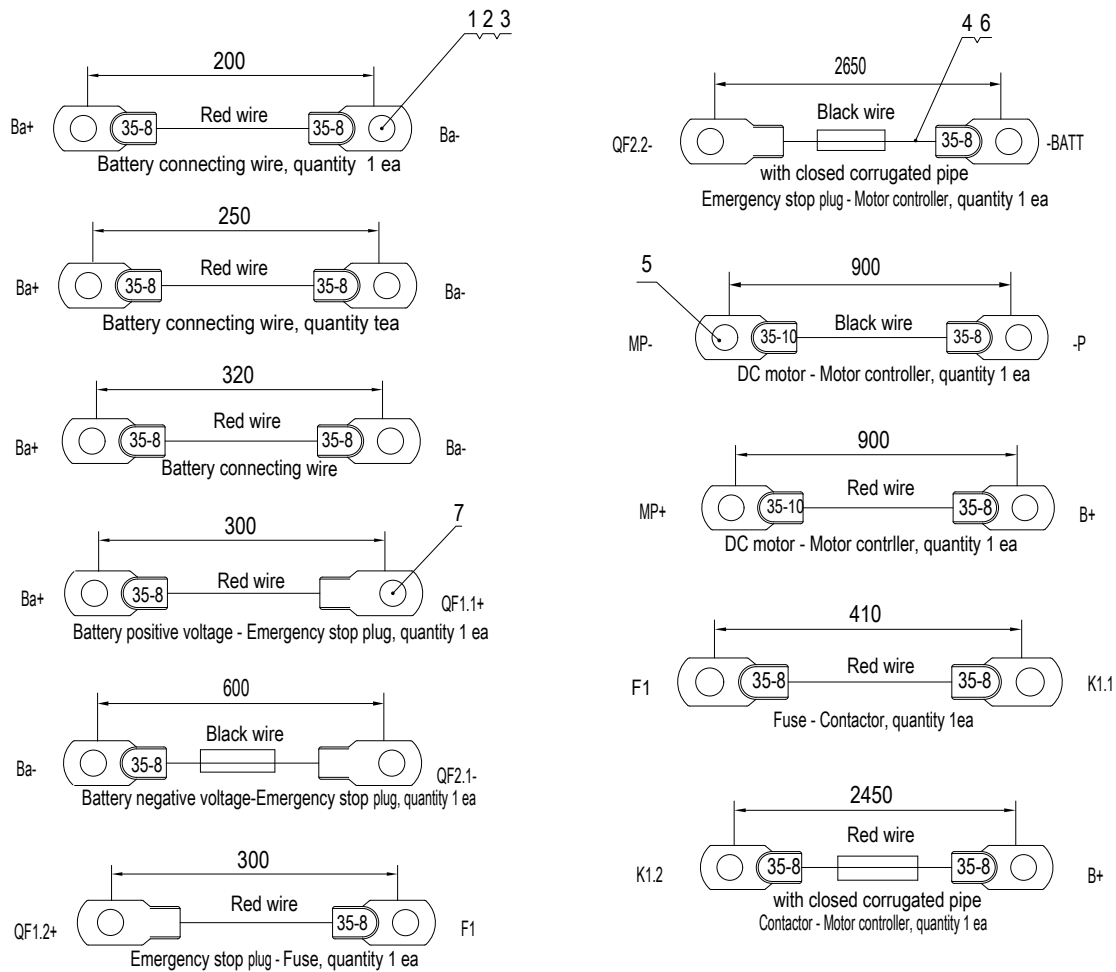
No.	Part No.	Qty.	Description
1	203230000787	1	Power line
2	203230000783	1	Power line
3	203230000780	1	Power line
4	203230000864	1	Power line
5	203230000868	1	Power line
6	203230000603	1	Power line
7	203230000604	1	Power line
8	203080003048	1	Corrugated pipe

5.18 POWER CABLE KIT (PN.101053060007)



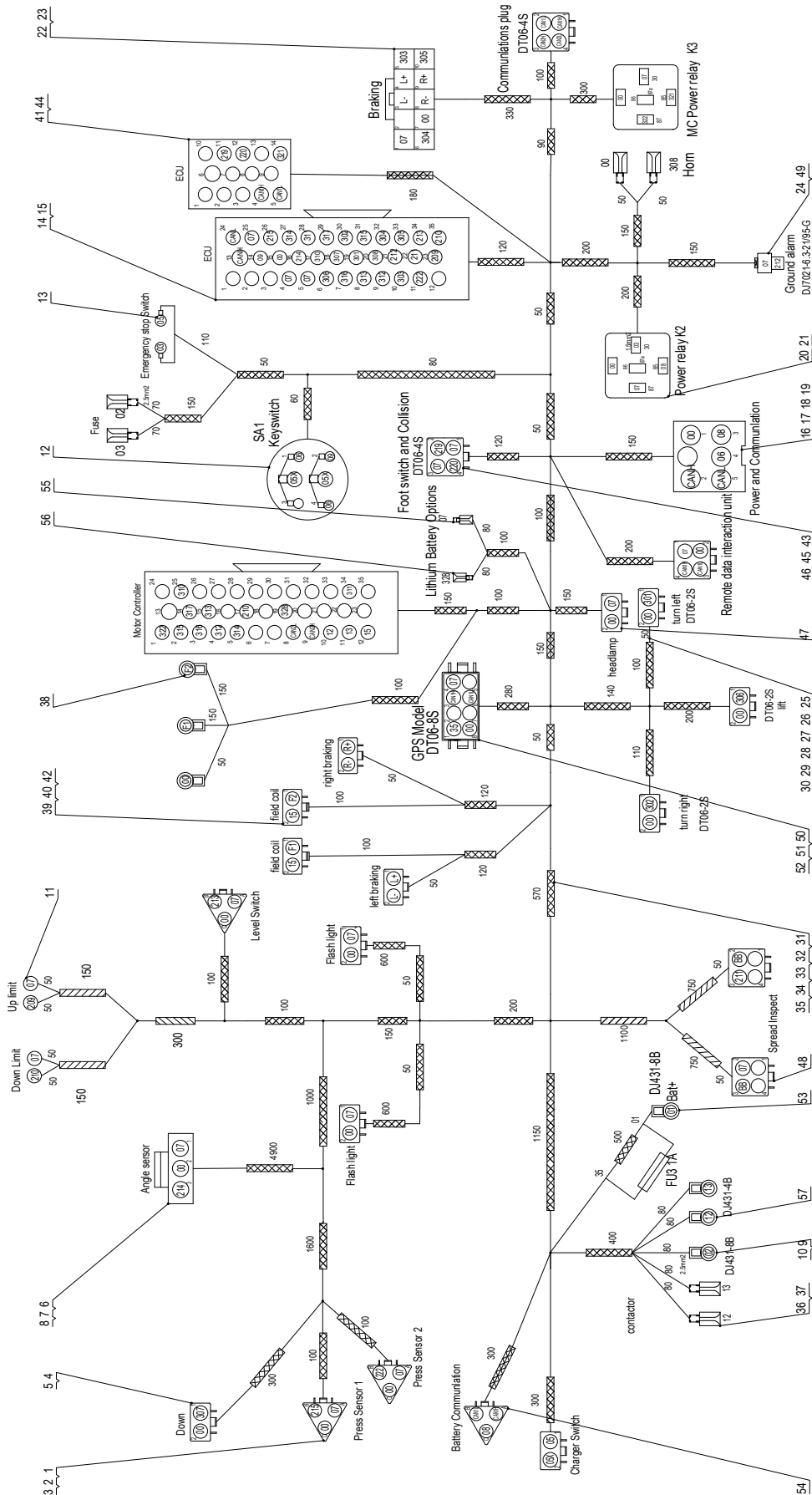
No.	Part No.	Qty.	Description
	101053060007	1	Power Cable Kit
1	203080000677	18	Copper lug
2	203080000257	5	Cable (red)(Unit: m)
3	203080000035	1	Heat shrink tube
4	203080000009	3	Cable (black)(Unit: m)
5	203080000680	2	Copper lug
6	203080000006	5	Corrugated pipe(Unit: m)

5.19 POWER CABLE KIT (PN.101054063005)



No.	Part No.	Qty.	Description
1	203080000677	16	Copper lug
2	203080000257	5	Cable (red)((Unit: m))
3	203080000035	1	Heat shrink tube
4	203080000009	4	Cable (black)((Unit: m))
5	203080000680	2	Copper lug
6	203080000006	6	Corrugated pipe((Unit: m))
7	203060000067	4	Terminal, power-off plug

5.20 CHASSIS HARNESS (PN.10105306009)



No.	Part No.	Qty.	Description
	101053060009	1	Chassis Harness(Lithium battery)
1	203080000012	4	Sheath
2	203080000032	4	Lock
3	203080000041	53	Female connector
4	203080000024	10	Sheath
5	203080000016	10	Lock
6	203080000293	1	Sheath
7	203080000496	3	Single wire seal
8	203080000298	3	Terminal
9	203080000018	2	Ring tongue terminal
10	203080000030	2	Heat shrink tube
11	203080000514	4	Terminal
12	203080000134	5	Terminal, blade-hole type
13	203080000036	2	Cold-pressed terminal
14	203080000430	2	AMP Connector (35-pin)
15	203080000433	52	Terminal
16	203080000348	1	Connector
17	203080000355	5	Socket
18	203080000354	1	Cover
19	203080000350	1	Connector
20	203040000038	2	Relay mount
21	203080000336	8	Terminal
22	203080000259	1	MOLEX Connector
23	203080000584	9	Terminal
24	203080000335	1	Sheath
25	203080000029	1	Cable
26	203080000047	3	Cable
27	203080000248	73	Cable
28	203080000308	24	Cable
29	203080000196	1	Cable
30	203080000528	2	Wire
31	203080000135	1	Corrugated pipe (Black)
32	203080000037	2	Corrugated pipe
33	203080000006	6	Corrugated pipe
34	203080000031	11	Corrugated pipe
35	203080000188	1	Corrugated pipe
36	203080000130	6	Terminal
37	203080000129	6	Jacket, flexible

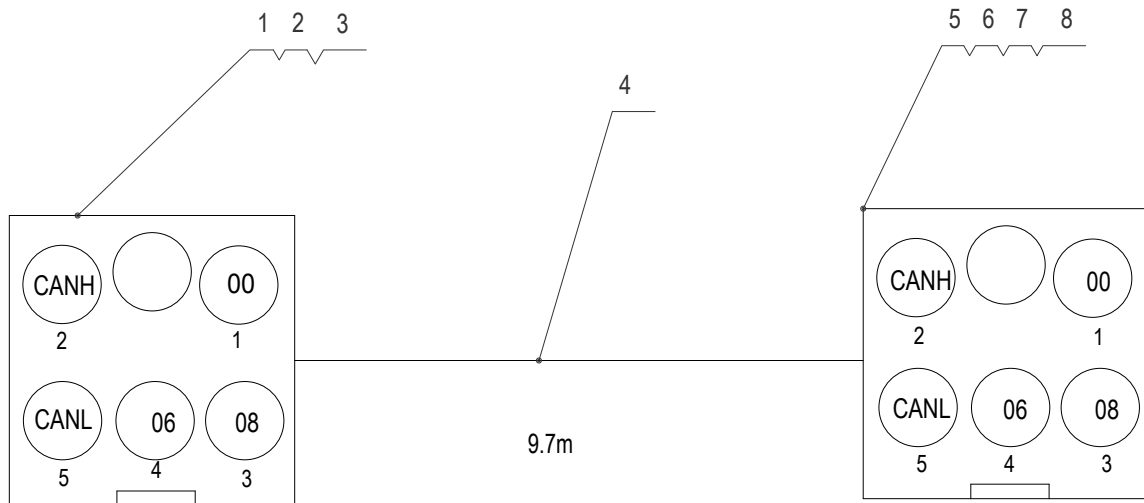
No.	Part No.	Qty.	Description
38	203080000133	2	Terminal, blade-hole type
39	203080000678	2	Sheath
40	203080000663	2	Lock plate
41	203080000431	1	AMP connector (14-pin)
42	203080000664	4	Terminal
43	203080000492	3	Waterproof cover
44	203080000295	33	Plastic plug
45	203080000020	5	Lock
46	203080000044	5	Sheath
47	203080000474	1	Waterproof cover
48	203080000068	7	Blind plug
49	203080000200	2	Terminal
50	203080000100	1	Sheath
51	203080000112	1	Lock
52	203080003219	1	Waterproof cover
53	203070003007	1	Fuse box (for harness)
54	203080000473	1	Waterproof cover
55	203080000651	1	Male tab
56	203080000652	1	Insert spring
57	203080000039	2	Ring tongue terminal



No.	Part No.	Qty.	Description
	101053063047	1	Chassis harness
1	203080000012	4	Sheath
2	203080000032	4	Lock
3	203080000041	49	Female connector
4	203080000024	9	Sheath
5	203080000016	9	Lock
6	203080000293	1	Sheath
7	203080000496	3	Single wire seal
8	203080000298	3	Terminal
9	203080000018	2	Ring tongue terminal
10	203080000030	2	Heat shrink tube
11	203080000514	4	Terminal
12	203080000134	5	Terminal, blade-hole type
13	203080000036	2	Cold-pressed terminal
14	203080000430	2	AMP Connector (35-pin)
15	203080000433	53	Terminal
16	203080000348	1	Connector
17	203080000355	5	Socket
18	203080000354	1	Cover
19	203080000350	1	Connector
20	203040000038	2	Relay mount
21	203080000336	8	Terminal
22	203080000259	1	MOLEX Connector
23	203080000584	9	Terminal
24	203080000335	1	Sheath
25	203080000029	1	Cable
26	203080000047	3	Cable
27	203080000248	73	Cable
28	203080000308	24	Cable
29	203080000196	1	Cable
30	203080000528	2	Wire
31	203080000135	1	Corrugated pipe (Black)
32	203080000037	2	Corrugated pipe
33	203080000006	6	Corrugated pipe
34	203080000031	11	Corrugated pipe
35	203080000188	1	Corrugated pipe
36	203080000130	6	Terminal
37	203080000129	6	Jacket, flexible

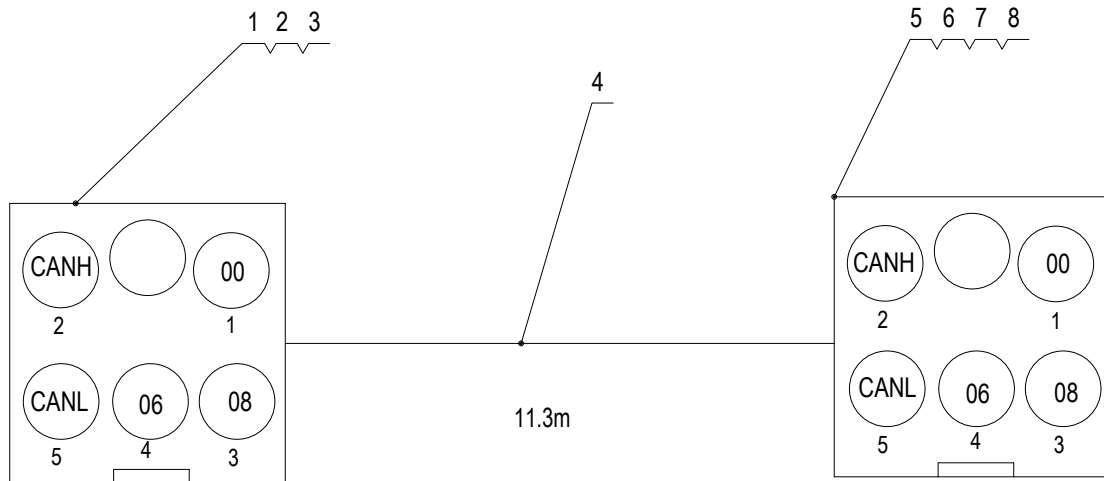
No.	Part No.	Qty.	Description
38	203080000133	3	Terminal, blade-hole type
39	203080000678	2	Sheath
40	203080000663	2	Lock plate
41	203080000431	1	AMP connector (14-pin)
42	203080000664	4	Terminal
43	203080000492	4	Waterproof cover
44	203080000295	31	Plastic plug
45	203080000020	6	Lock
46	203080000044	6	Sheath
47	203080000068	5	Blind plug
48	203080000200	2	Terminal
49	203080003532	1	Sheath
50	203080003533	1	Lock
51	203070003007	1	Fuse box (for harness)
52	203080000473	1	Waterproof cover
53	203080000651	4	Male tab
54	203080000652	3	Insert spring
55	203070000034	2	Diode
56	203060000085	8	#20 female terminal
57	203080000085	4	Blind plug
58	203080000039	2	Ring tongue terminal

5.22 GROUND TO PLATFORM HARNESS (PN.101053063022)



No.	Part No.	Qty.	Description
	101053063022	1	Ground to platform harness
1	203080000351	5	Pin
2	203080000348	1	Connector
3	203080000355	5	Socket
4	203080000350	2	Connector
5	203080000349	1	Connector
6	203080000353	1	Cover
7	203080003050	10	5-pin cable(Unit: m)
8	203080000354	1	Cover

5.23 GROUND TO PLATFORM HARNESS (PN.101054063000)

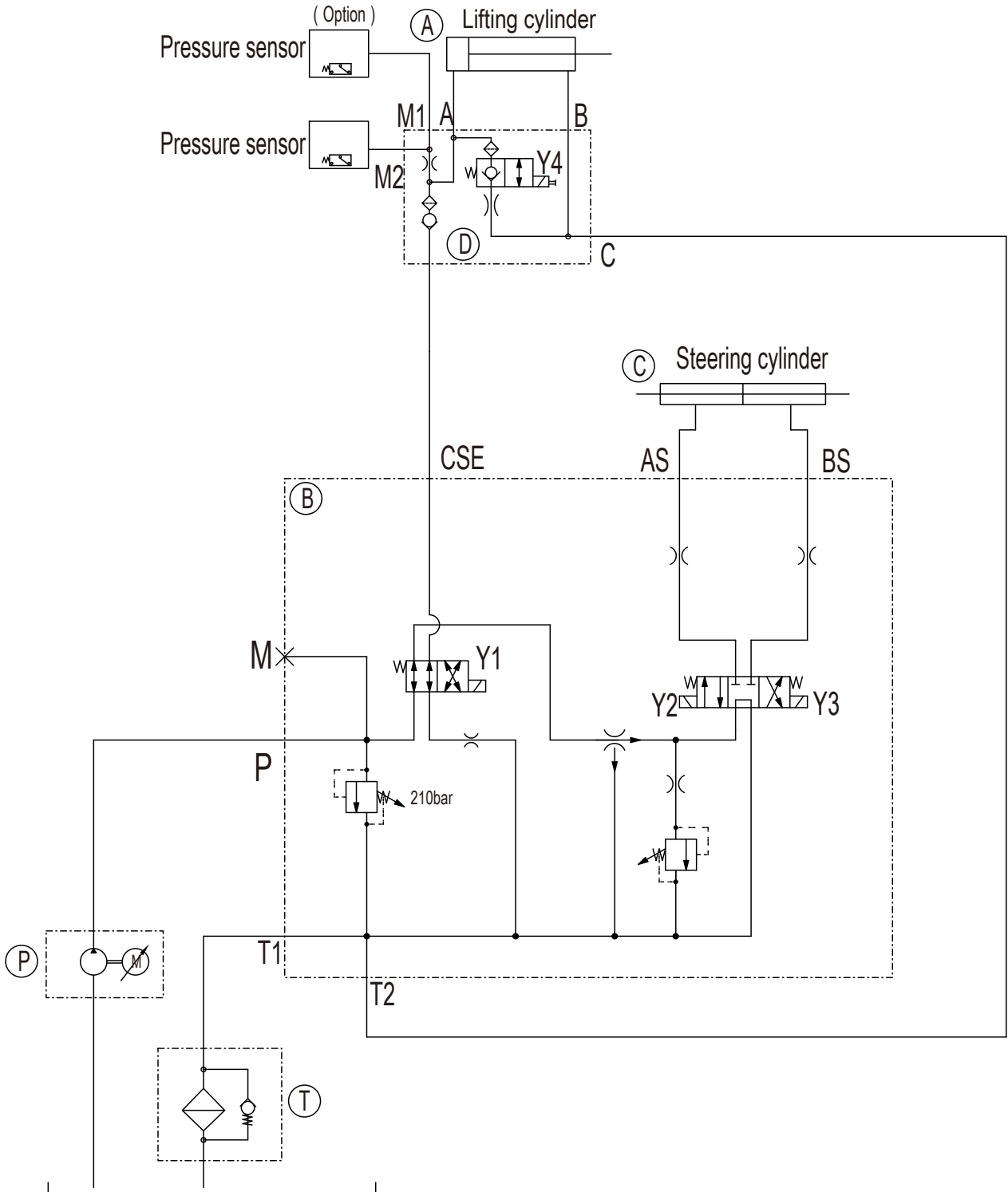


No.	Part No.	Qty.	Description
	101054063000	1	Ground to platform harness
1	203080000349	1	Connector
2	203080000351	5	Pin
3	203080000353	1	Cover
4	203080003050	11	5-pin cable(Unit: m)
5	203080000348	1	Connector
6	203080000355	5	Socket
7	203080000354	1	Cover
8	203080000350	2	Connector

# 6 SCHEMATIC DIAGRAM

## **6.1 HYDRAULIC SCHEMATIC DIAGRAM**

Hydraulic Schematic Diagram

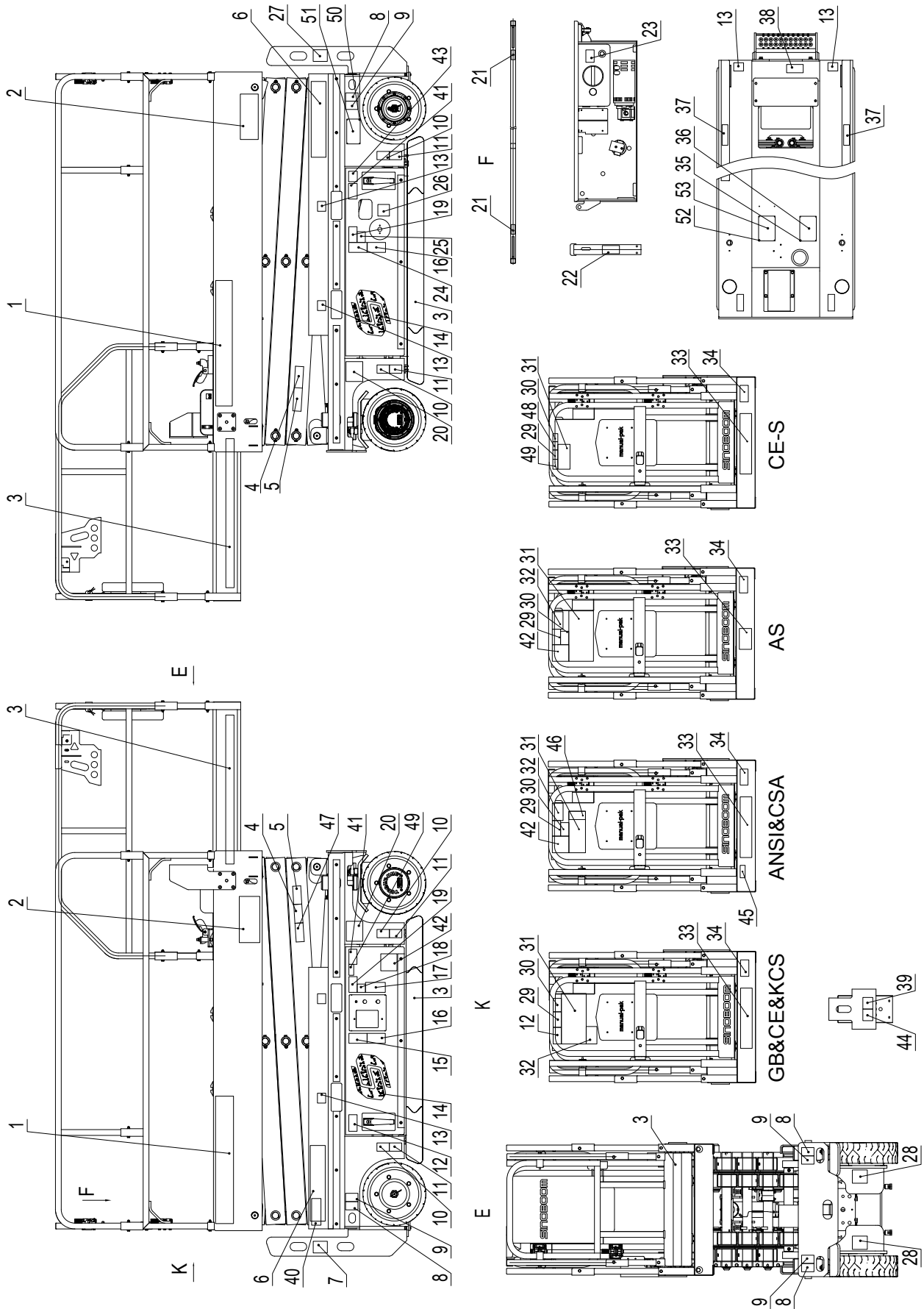


## **6.2 ELECTRICAL SCHEMATIC DIAGRAM**



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# 7 **DIAGRAM OF DECALS POSITIONS**



No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
	101053000004	101053000005	101053103018	101053103007	101053103008	General diagram of decals positions
1	101048103025	101048103025	101048103025	101048103025	101040103021	LOGO-SINOBOOM
2	101053103016	101053103016	101053103015	101053103015	101053103016	Decal-Trade ID 0608E
3	216060000004	216060000004	216060000004	216060000004	216060000004	Yellow & black hazard warning stripe tape (50mm wide)
4	101012100029	101012100029	101012100029	101012100029	101012100029	Decal-Crushing hazard
5	101012100018	101012100018	101012100018	101012100018	101012100018	Decal-Crushing hazard
6	101062103028	/	/	/	/	Decal-Service number+enquiry QR code
7	101014100007	101014100007	101014100007	101014100007	101014100007	Decal-Platform power plug
8	101014100020	101014100020	101014100020	101014100020	101014100020	Decal-Lifting point
9	101014100021	101014100021	101014100021	101014100021	101014100021	Decal-Lashing point
10	101053103017	101053103017	101053103017	101053103019	101053103017	Decal-Tire-to-ground load of 900kg
11	101014100013	101014100013	101014100013	101014100013	101014100013	Decal-Crushing hazard
12	101012100005	101012100005	101012100005	101012100005	/	Decal-Electrocution hazard
13	101012100026	101012100026	101012100026	101012100026	101012100026	Decal-Forklift pockets
14	101048103026	101048103026	101048103026	101048103026	/	Decal-Large logo in white
15	101014100015	101014100015	101014100015	101014100015	101014100015	Decal-High pressure hazard
16	101014100014	101014100014	101014100014	101014100014	101014100014	Decal-No smoking or fire
17	101014100017	101014100017	101014100017	101014100017	101014100017	Decal-Read manuals
18	101014100018	101014100018	101014100018	101014100018	101014100018	Decal-Lifting points
19	101012100008	/	/	/	/	Decal-Tipping hazard
20	101038100010	/	/	/	/	Decal-Warranty label
21	101048100014	101016100030	101016100030	101016100030	101058103017	Decal-Anchor point
22	101014100026	101014100026	101014100026	101014100026	101014100026	Decal-Safety arm
23	101014100022	101014100022	101014100022	101014100022	101014100022	Decal-Hydraulic oil filler

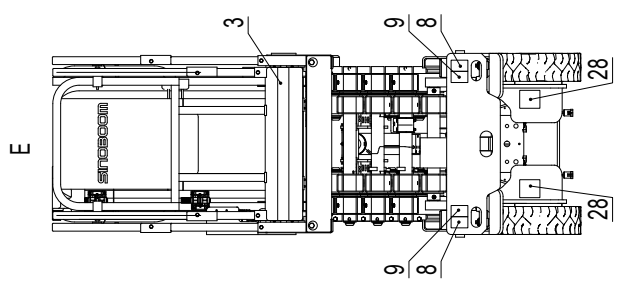
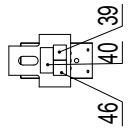
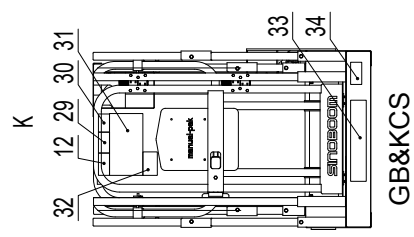
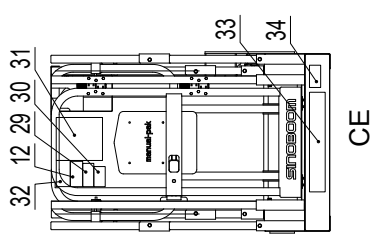
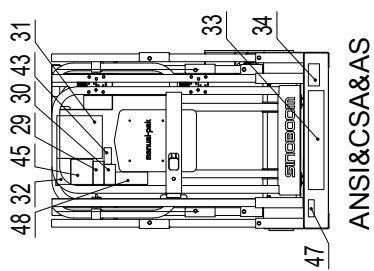
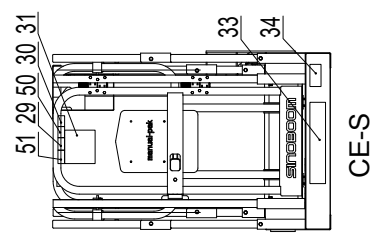
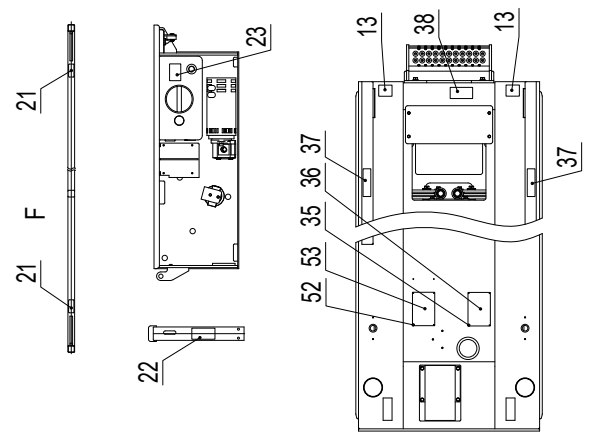
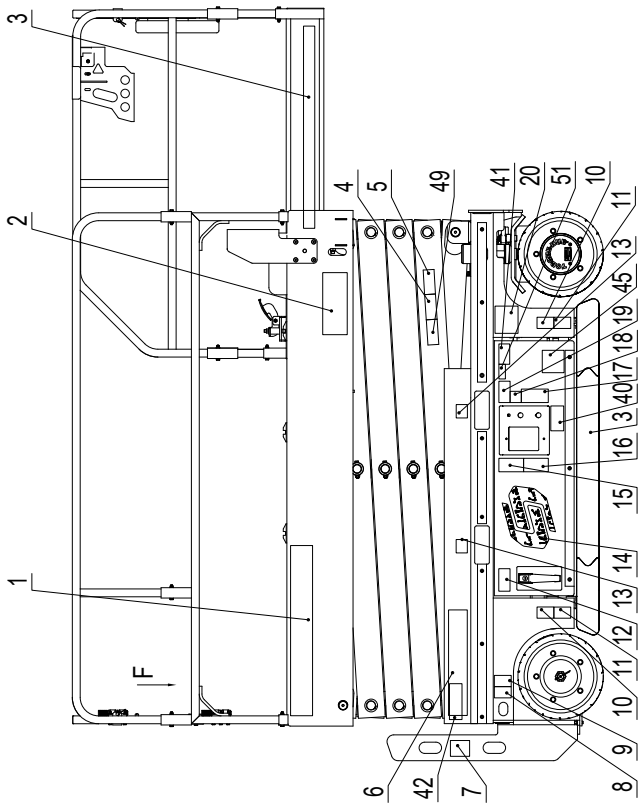
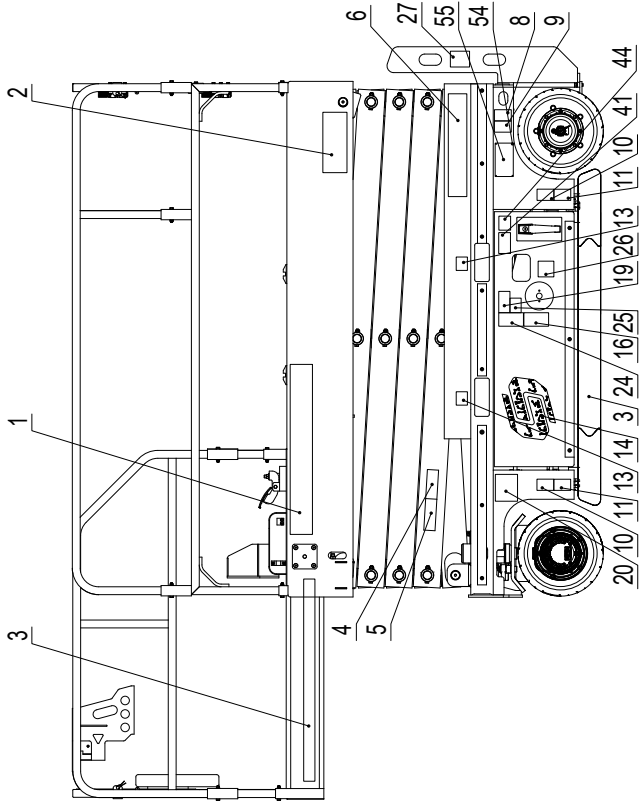
No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
24	101014100016	101014100016	101014100016	101014100016	101014100016	Decal-Electrocution hazard
25	101042103020	/	/	/	/	Decal-Tipping hazard
26	101056103002	101016100031	101016100031	101016100031	101058103015	Decal-Main power switch
27	101014100008	101014100008	101014100008	101014100008	101014100008	Decal-Charging voltage
28	101040103008	101040103008	101040103008	101040103008	101040103008	Decal-Release braking
29	101040100005	101040100005	101040100005	101040100005	101054103001	Decal-Read manuals
30	101040100009	101040100009	101040100009	101040100009	101054103002	Decal-Tipping hazard
31	101053000009	101053000009	101053000009	101053000009	101053103003	Decal-0608E requirements of use
32	101012100019	101012100019	101012100019	101012100019	/	Decal-Tipping hazard
33	101053000008	101053000008	101053000008	101053000008	101053000008	Decal-0608E requirements of use
34	101058103001	101058103001	101058103001	101058103001	101058103001	LOGO-IPAF
35	215050000012	/	/	/	/	Rivet 4X8 GB/T12618
36	101017100009	/	/	/	/	Nameplate
37	101014100032	101014100032	101014100032	101014100032	101014100032	Decal-Serial number
38	101014100025	101014100025	101014100025	101014100025	101014100025	Decal-Emergency lowering
39	101055103016	101055103015	101055103015	101055103015	101058103016	Decal-Emergency stop button
40	/	/	/	101058103000	/	Q-LINE_LOGO (small)
41	/	101012100008	101012100008	101012100008	101012100008	Decal-Tipping hazard
42	/	/	/	/	/	Decal-Electrocution hazard
43	/	101041103020	101041103020	101041103020	101041103020	Decal-Tipping hazard
44	/	/	/	/	/	Decal-Detachable joystick bracket
45	/	/	/	/	/	Decal-Annual inspection date
46	/	/	/	/	/	Decal-Operation instructions
47	/	/	/	/	/	Decal-Crushing hazard
48	/	/	/	/	101049103022	Decal-Tipping hazard

No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
49	/	/	/	/	101053103005	Decal-Electrocution hazard
50	/	/	/	/	215050000012	Rivet 4X8 GB/T12618
51	/	/	/	/	101055103002	Nameplate
52	/	215050000012	215050000012	215050000012	/	Rivet 4X8 GB/T12618
53	/	101072103020	101072103020	101072103020	/	Nameplate

No.	ANSI	CSA	AS	KCS	Description
	101053103011	101053103014	101053000006	101053103006	General diagram of decals positions
1	101048103025	101048103025	101048103025	101048103025	LOGO-SINOBOOM
2	101053103015	101053103015	101053103016	101053103016	Decal-Trade ID 0608E
3	216060000004	216060000004	216060000004	216060000004	Yellow & black hazard warning stripe tape (50mm wide)
4	101012100029	101012100029	101012100029	101012100029	Decal-Crushing hazard
5	101012100018	101012100018	101012100018	101012100018	Decal-Crushing hazard
6	/	/	/	/	Decal-Service number+enquiry QR code
7	101014100007	101014100007	101014100007	101014100007	Decal-Platform power plug
8	101014100020	101014100020	101014100020	101014100020	Decal-Lifting point
9	101014100021	101014100021	101014100021	101014100021	Decal-Lashing point
10	101053103020	101053103020	101053103017	101053103017	Decal-Tire-to-ground load of 900kg
11	101014100013	101014100013	101014100013	101014100013	Decal-Crushing hazard
12	/	/	/	101012100005	Decal-Electrocution hazard
13	101012100026	101012100026	101012100026	101012100026	Decal-Forklift pockets
14	101048103026	101048103026	101048103026	101048103026	Decal-Large logo in white
15	101014100015	101014100015	101014100015	101014100015	Decal-High pressure hazard
16	101014100014	101014100014	101014100014	101014100014	Decal-No smoking or fire
17	101014100017	101014100017	101014100017	101014100017	Decal-Read manuals
18	101014100018	101014100018	101014100018	101014100018	Decal-Lifting points
19	/	/	/	/	Decal-Tipping hazard
20	/	/	/	/	Decal-Warranty label
21	101016100030	101016100030	101016100030	101016100030	Decal-Anchor point
22	101014100026	101014100026	101014100026	101014100026	Decal-Safety arm
23	101014100022	101014100022	101014100022	101014100022	Decal-Hydraulic oil filler

No.	ANSI	CSA	AS	KCS	Description
24	101014100016	101014100016	101014100016	101014100016	Decal-Electrocution hazard
25	/	/	/	/	Decal-Tipping hazard
26	101016100031	101016100031	101016100031	101055103018	Decal-Main power switch
27	101014100008	101014100008	101014100008	101014100008	Decal-Charging voltage
28	101040103008	101040103008	101040103008	101040103008	Decal-Release braking
29	101040100005	101040100005	101040100005	101040100005	Decal-Read manuals
30	101040100009	101040100009	101040100009	101040100009	Decal-Tipping hazard
31	101053103012	101053103012	101053000009	101053000009	Decal-0608E requirements of use
32	101012100019	101012100019	101012100019	101012100019	Decal-Tipping hazard
33	101053103013	101053103013	101053000010	101053000008	Decal-0608E requirements of use
34	101058103001	101058103001	101058103001	101058103001	LOGO-IPAF
35	215050000012	215050000012	215050000012	215050000012	Rivet 4X8 GB/T12618
36	101045103040	101048103022	101012100038	101015100026	Nameplate
37	101014100032	101014100032	101014100032	101014100032	Decal-Serial number
38	101014100025	101014100025	101014100025	101014100025	Decal-Emergency lowering
39	101055103015	101055103015	101055103015	101055103015	Decal-Emergency stop button
40	/	/	/	/	Q-LINE_LOGO (small)
41	101012100008	101012100008	101012100008	101012100008	Decal-Tipping hazard
42	101040103013	101040103013	101055103019	/	Decal-Electrocution hazard
43	101038103017	101038103017	101041103020	101041103020	Decal-Tipping hazard
44	101040103014	101040103014	101040103014	/	Decal-Detachable joystick bracket
45	101040103015	101040103015	/	/	Decal-Annual inspection date
46	/	101048103023	/	/	Decal-Operation instructions
47	/	104011100021	/	/	Decal-Crushing hazard
48	/	/	/	/	Decal-Tipping hazard

No.	ANSI	CSA	AS	KCS	Description
49	/	/	/	/	Decal-Electrocution hazard
50	/	/	/	/	Rivet 4X8 GB/T12618
51	/	/	/	/	Nameplate
52	/	/	/	/	Rivet 4X8 GB/T12618
53	/	/	/	/	Nameplate



No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
	101054000003	101054000004	101054103015	101054103004	101054103005	General diagram of decals positions
1	101048103025	101048103025	101048103025	101048103025	101040103021	Decal-SINOBOOM
2	101054103014	101054103014	101054103012	101054103012	101054103014	Decal-Trade ID 0808E
3	216060000004	216060000004	216060000004	216060000004	216060000004	Yellow & black hazard warning stripe tape (50mm wide)
4	101012100029	101012100029	101012100029	101012100029	101012100029	Decal-Crushing hazard
5	101012100018	101012100018	101012100018	101012100018	101012100018	Decal-Crushing hazard
6	101062103028	/	/	/	/	Decal-Service number+enquiry QR code
7	101014100007	101014100007	101014100007	101014100007	101014100007	Decal-Platform power plug
8	101014100020	101014100020	101014100020	101014100020	101014100020	Decal-Lifting point
9	101014100021	101014100021	101014100021	101014100021	101014100021	Decal-Lashing point
10	101053103017	101053103017	101053103017	101054103016	101053103017	Decal-Tire-to-ground load of 900kg
11	101014100013	101014100013	101014100013	101014100013	101014100013	Decal-Crushing hazard
12	101012100005	101012100005	101012100005	101012100005	/	Decal-Electrocution hazard
13	101012100026	101012100026	101012100026	101012100026	101012100026	Decal-Forklift pockets
14	101048103026	101048103026	101048103026	101048103026	/	Decal-Large logo in white
15	101014100015	101014100015	101014100015	101014100015	101014100015	Decal-High pressure hazard
16	101014100014	101014100014	101014100014	101014100014	101014100014	Decal-No smoking or fire
17	101014100017	101014100017	101014100017	101014100017	101014100017	Decal-Read manuals
18	101014100018	101014100018	101014100018	101014100018	101014100018	Decal-Lifting points
19	101012100008	/	/	/	/	Decal-Tipping hazard
20	101038100010	/	/	/	/	Decal-Warranty label
21	101048100014	101016100030	101016100030	101016100030	101058103017	Decal-Anchor point
22	101014100026	101014100026	101040100010	101014100026	101014100026	Decal-Safety arm
23	101014100022	101014100022	101014100022	101014100022	101014100022	Decal-Hydraulic oil filler

No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
24	101014100016	101014100016	101014100016	101014100016	101014100016	Decal-Electrocution hazard
25	101042103020	/	/	/	/	Decal-Tipping hazard
26	101056103002	101016100031	101016100031	101016100031	101058103015	Decal-Main power switch
27	101014100008	101014100008	101014100008	101014100008	101014100008	Decal-Charging voltage
28	101040103008	101040103008	101040103008	101040103008	101040103008	Decal-Release braking
29	101040100005	101040100005	101040100005	101040100005	101054103001	Decal-Read manuals
30	101040100009	101040100009	101040100009	101040100009	101054103002	Decal-Tipping hazard
31	101054000008	101054103019	101054103019	101054103019	101054103021	Decal-0808E requirements of use
32	101012100019	101012100019	101012100019	101012100019	/	Decal-Tipping hazard
33	101054000007	101054103020	101054103020	101054103020	101054103020	Decal-0808E requirements of use
34	101058103001	101058103001	101058103001	101058103001	101058103001	LOGO-IPAF
35	215050000012	/	/	/	/	Rivet 4X8 GB/T12618
36	101017100009	/	/	/	/	Nameplate
37	101014100032	101014100032	101014100032	101014100032	101014100032	Decal-Serial number
38	101014100025	101014100025	101014100025	101014100025	101014100025	Decal-Emergency lowering
39	101055103016	101055103015	101055103015	101055103015	101058103016	Decal-Emergency stop button
40	/	101062103022	101062103022	101062103022	101062103022	Decal-Check working environment
41	/	101012100008	101012100008	101012100008	101012100008	Decal-Tipping hazard
42	/	/	/	101058103000	/	Q-LINE_LOGO (small)
43	/	/	/	/	/	Decal-Non-insulated
44	/	101041103020	101041103020	101041103020	101041103020	Decal-Tipping hazard
45	/	/	/	/	/	Decal-Electrocution hazard
46	/	/	/	/	/	Decal-Detachable joystick bracket
47	/	/	/	/	/	Decal-Annual inspection date
48	/	/	/	/	/	Decal-Operation instructions

No.	GB	CE-Metric	CE-Imperial	CE-PL	CE-S	Description
49	/	/	/	/	/	Decal-Crushing hazard
50	/	/	/	/	101049103022	Decal-Tipping hazard
51	/	/	/	/	101053103005	Decal-Electrocution hazard
52	/	215050000012	215050000012	215050000012	/	Rivet 4X8 GB/T 12618
53	/	101072103020	101072103020	101072103020	/	Nameplate
54	/	/	/	/	215050000012	Rivet 4X8 GB/T 12618
55	/	/	/	/	101055103002	Nameplate

No.	ANSI	CSA	AS	KCS	Description
	101054103008	101054103011	101054000005	101054103003	General diagram of decals positions
1	101048103025	101048103025	101048103025	101048103025	Decal-SINOBOOM
2	101054103012	101054103012	101054103014	101054103014	Decal-Trade ID 0808E
3	216060000004	216060000004	216060000004	216060000004	Yellow & black hazard warning stripe tape (50mm wide)
4	101012100029	101012100029	101012100029	101012100029	Decal-Crushing hazard
5	101012100018	101012100018	101012100018	101012100018	Decal-Crushing hazard
6	/	/	/	/	Decal-Service number+enquiry QR code
7	101014100007	101014100007	101014100007	101014100007	Decal-Platform power plug
8	101014100020	101014100020	101014100020	101014100020	Decal-Lifting point
9	101014100021	101014100021	101014100021	101014100021	Decal-Lashing point
10	101053103020	101053103020	101053103017	101053103017	Decal-Tire-to-ground load of 900kg
11	101014100013	101014100013	101014100013	101014100013	Decal-Crushing hazard
12	/	/	/	101012100005	Decal-Electrocution hazard
13	101012100026	101012100026	101012100026	101012100026	Decal-Forklift pockets
14	101048103026	101048103026	101048103026	101048103026	Decal-Large logo in white
15	101014100015	101014100015	101014100015	101014100015	Decal-High pressure hazard
16	101014100014	101014100014	101014100014	101014100014	Decal-No smoking or fire
17	101014100017	101014100017	101014100017	101014100017	Decal-Read manuals
18	101014100018	101014100018	101014100018	101014100018	Decal-Lifting points
19	/	/	/	/	Decal-Tipping hazard
20	/	/	/	/	Decal-Warranty label
21	101016100030	101016100030	101016100030	101016100030	Decal-Anchor point
22	101014100026	101014100026	101014100026	101014100026	Decal-Safety arm
23	101014100022	101014100022	101014100022	101014100022	Decal-Hydraulic oil filler

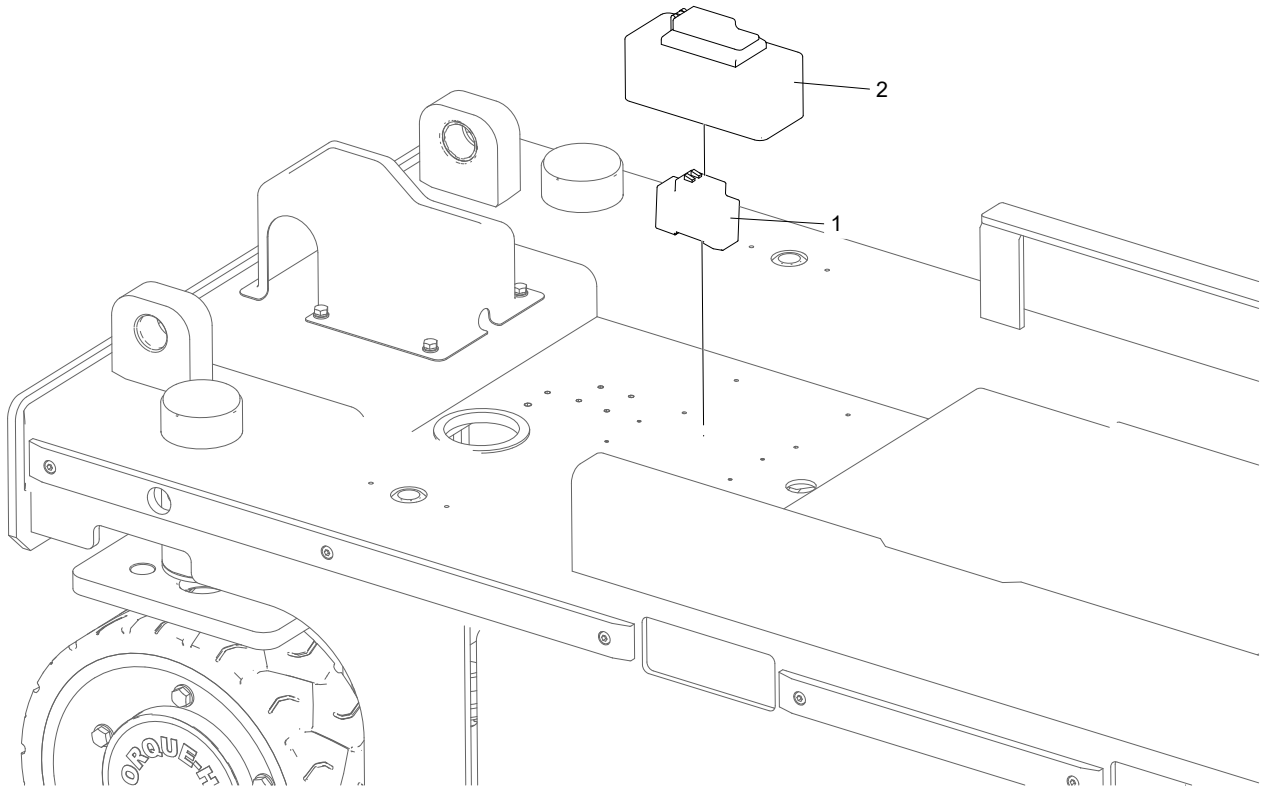
No.	ANSI	CSA	AS	KCS	Description
24	101014100016	101014100016	101014100016	101014100016	Decal-Electrocution hazard
25	/	/	/	/	Decal-Tipping hazard
26	101016100031	101016100031	101016100031	101016100031	Decal-Main power switch
27	101014100008	101014100008	101014100008	101014100008	Decal-Charging voltage
28	101040103008	101040103008	101040103008	101040103008	Decal-Release braking
29	101040100005	101040100005	101040100005	101040100005	Decal-Read manuals
30	101040100009	101040100009	101040100009	101040100009	Decal-Tipping hazard
31	101054103018	101054103018	101054103019	101054000008	Decal-0808E requirements of use
32	101012100019	101012100019	101012100019	101012100019	Decal-Tipping hazard
33	101054103017	101054103017	101054103023	101054000007	Decal-0808E requirements of use
34	101058103001	101058103001	101058103001	101058103001	LOGO-IPAF
35	215050000012	215050000012	215050000012	215050000012	Rivet 4X8 GB/T12618
36	101045103040	101016103010	101012100038	101015100026	Nameplate
37	101014100032	101014100032	101014100032	101014100032	Decal-Serial number
38	101014100025	101014100025	101014100025	101014100025	Decal-Emergency lowering
39	101055103015	101055103015	101055103015	101055103015	Decal-Emergency stop button
40	101062103022	101062103022	101062103022	/	Decal-Check working environment
41	101012100008	101012100008	101012100008	101012100008	Decal-Tipping hazard
42	/	/	/	/	Q-LINE_LOGO (small)
43	103010103014	103010103014	/	/	Decal-Non-insulated
44	101038103017	101038103017	101041103020	101041103020	Decal-Tipping hazard
45	101040103013	101040103013	101055103019	/	Decal-Electrocution hazard
46	101040103014	101040103014	101040103014	/	Decal-Detachable joystick bracket
47	101040103015	101040103015	/	/	Decal-Annual inspection date
48	/	101048103023	/	/	Decal-Operation instructions

No.	ANSI	CSA	AS	KCS	Description
49	/	104011100021	/	/	Decal-Crushing hazard
50	/	/	/	/	Decal-Tipping hazard
51	/	/	/	/	Decal-Electrocution hazard
52	/	/	/	/	Rivet 4X8 GB/T 12618
53	/	/	/	/	Nameplate
54	/	/	/	/	Rivet 4X8 GB/T 12618
55	/	/	/	/	Nameplate

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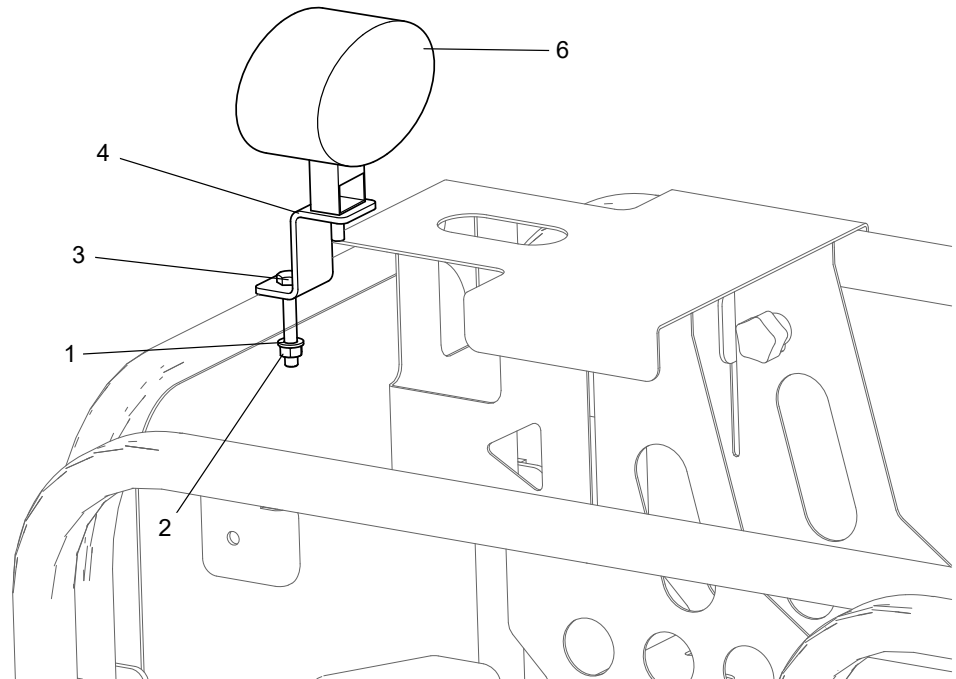
# 8 OPTIONS

## 8.1 RCBO INSTALLATION



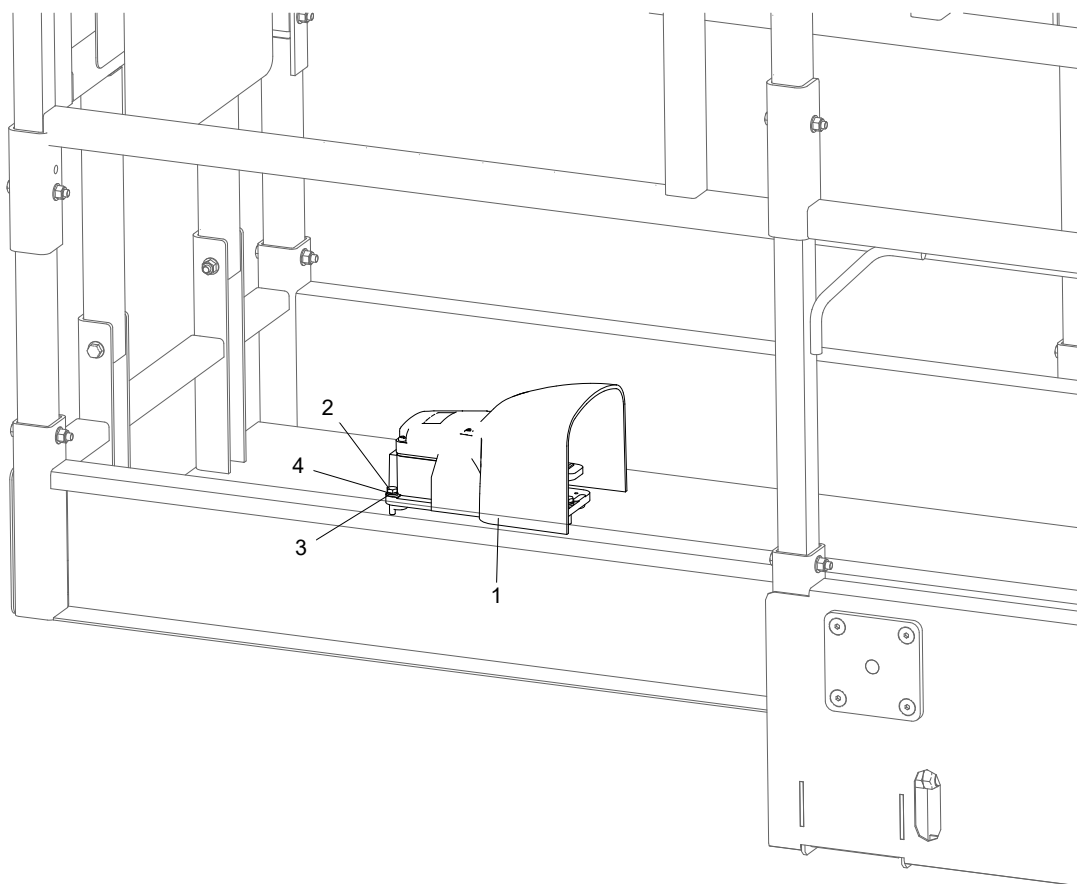
No.	Part No.	Qty.	Description
1	20316000002	1	Leakage protector
2	20309000002	1	RCBO waterproof box

## 8.2 WORK LIGHT INSTALLATION



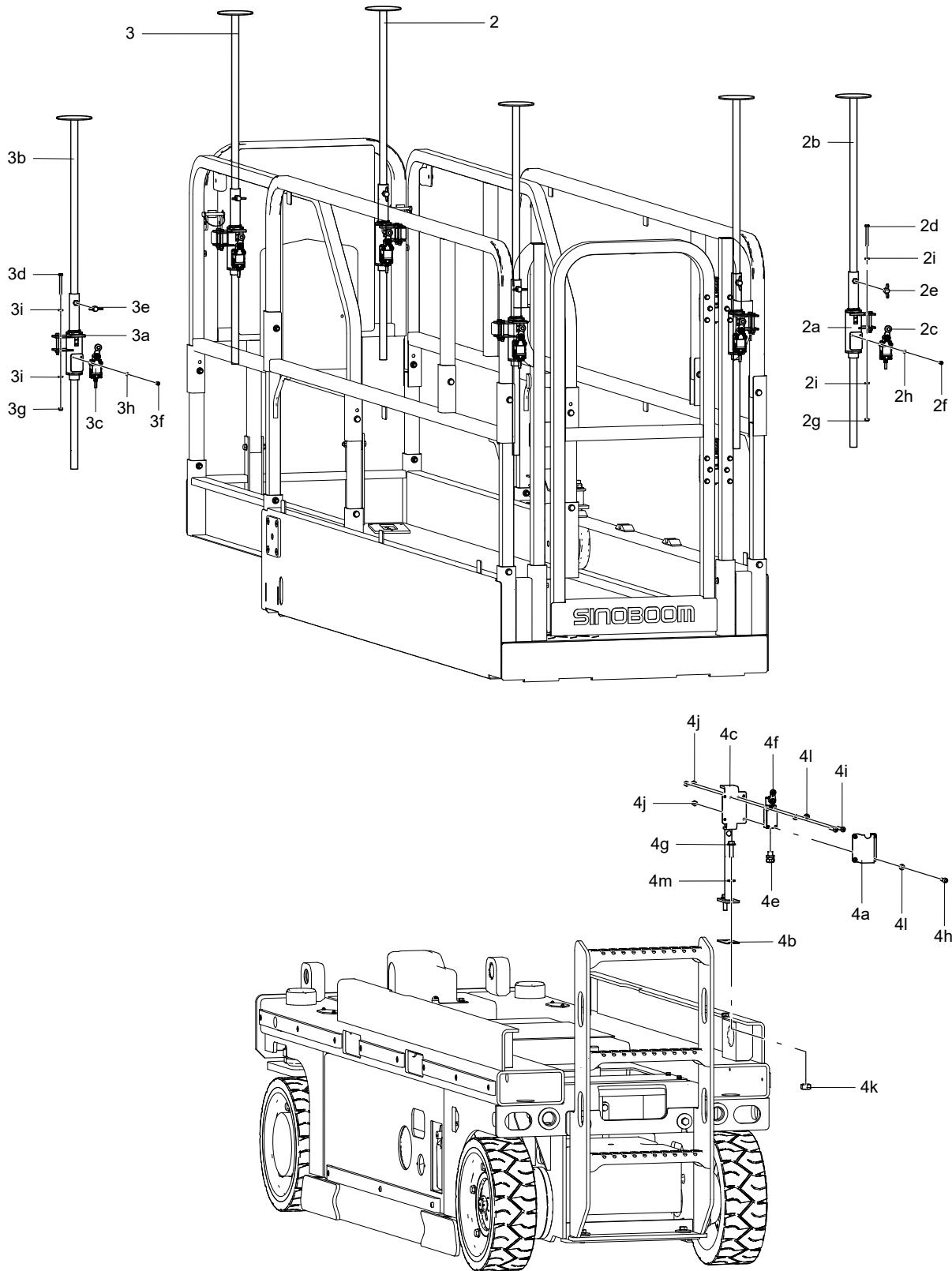
No.	Part No.	Qty.	Description
1	215040000034	1	Washer 8-200HV-ZnD GB/T 97.1
2	215030000005	1	Nut M8-8-ZnD-GB/T 6170
3	215010000064	1	Bolt M8×55-8.8-ZnD GB/T 5783
4	101015060019	1	Plate
5	101053063007	1	Work light harness(Not shown)
6	203050000059	1	Work Light

### 8.3 FOOT SWITCH INSTALLATION



No.	Part No.	Qty.	Description
1	203060003001	1	Foot switch
2	215010000052	3	Bolt M10×30-8.8-ZnD GB/T 5783
3	215040000033	3	Washer 6-A2 GB/T 97.1
4	215040000004	3	Washer 6-A2-70 GB/T 93
5	101053063010	1	Foot switch harness(Not shown)

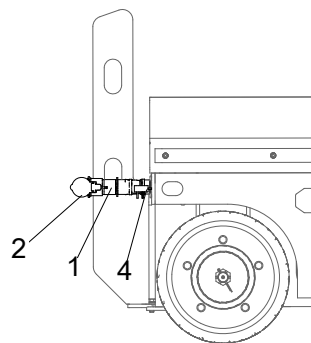
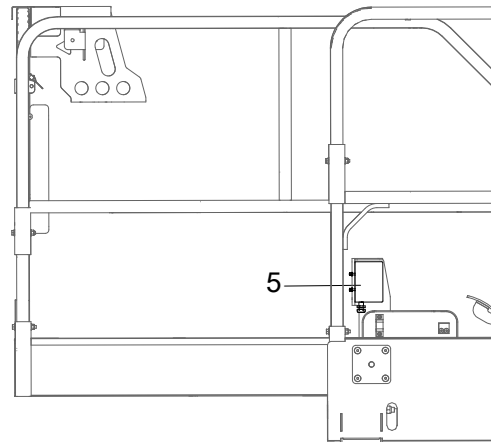
8.4 ANTI-COLLISION CONFIGURATION INSTALLATION



No.	Part No.	Qty.	Description
1	101014063053	1	Foot and height limit harness(Not shown)
2	101038040060	2	Right Anticollision
2a	101038040059	1	Guide link
2b	101038040071	1	Steel pipe, overhead
2c	203060000151	1	Travel switch
2d	215010000205	2	Bolt M6×55-A2-70 GB/T5783
2e	215010000228	1	Thumb bolt M8x20-8.8-ZnD DIN 316
2f	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
2g	215030000025	2	Nut M6-8-A2-70 GB/T 889.1
2h	215040000003	2	Washer 5-A2-70 GB/T 93
2i	215040000033	4	Washer 6-A2 GB/T 97.1
3	101038040070	2	Left anti-collision
3a	101038040072	1	Bracket, left
3b	101038040071	1	Steel pipe, overhead
3c	203060000151	1	Travel switch
3d	215010000205	2	Bolt M6×55-A2-70 GB/T5783
3e	215010000228	1	Thumb bolt M8x20-8.8-ZnD DIN 316
3f	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
3g	215030000025	2	Nut M6-8-A2-70 GB/T 889.1
3h	215040000003	2	Washer 5-A2-70 GB/T 93
3i	215040000033	4	Washer 6-A2 GB/T 97.1
4	101038063042	1	Lift & travel limit assembly (optional)
4a	101014033011	1	Channel plate
4b	101014033014	1	Shim
4c	101038063043		Lift & travel limit bracket (optional)
4c-1	101038033007	1	Bracket(0608S/M)
4c-2	101041033010	1	Bracket(0608)
4c-3	101014033012	1	Bracket(0808)
4d	101038063044		Lift & travel limit harness (optional)(Not shown)
4d-1	101038063002	1	Lift & travel limit harness(0608S/M)
4d-2	101042063002	1	Lift & travel limit harness(0608&0808)
4e	201990003005	1	Connector, waterproof, nylon
4f	203060000108	1	Travel switch
4g	215010000248	2	Bolt M10x35-8.8 ZnD GB/T 5789
4h	215020000008	4	Screw M5×20-A2-70 GB/T 70.1
4i	215020000214	2	Screw M5×35-A2-70 GB/T 818
4j	215030000003	6	Nut M5-A2-70 GB/T 6170

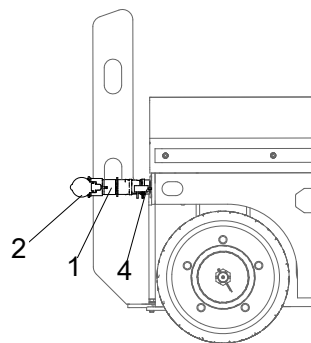
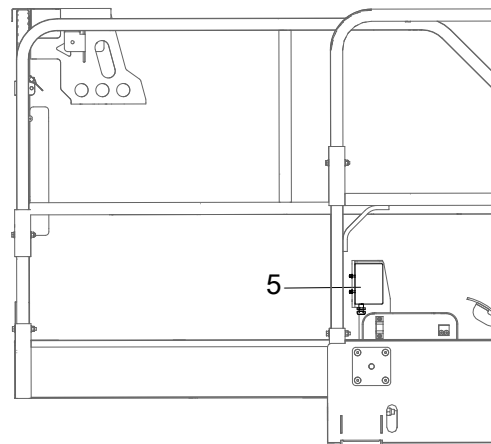
No.	Part No.	Qty.	Description
4k	215030000006	2	Nut M10-8-ZnD GB/T 6170
4l	215040000032	6	Washer 5-A2 GB/T 97.1
4m	215040000035	2	Washer 10-200HV-ZnD GB/T 97.1

## 8.5 EXTERNAL POWER INSTALLATION-0608



No.	Part No.	Qty.	Description
1	116003063047		Electrical plug options
2	203080000300	1	Industrial connector
3	101053063043		Options, AC power harness(Not Shown)
4	101055063028		Electrical plug options
5	101053060018		Waterproof socket options

## 8.6 EXTERNAL POWER INSTALLATION-0808



No.	Part No.	Qty.	Description
1	116003063047	1	Electrical plug options
2	203080000300	1	Industrial connector
3	101044063003	1	Options, AC power harness(Not Shown)
4	101055063028	1	Electrical plug options
5	101053060018	1	Waterproof socket options

## 8.7 POWER PLUG CORD OPTIONS

No.	Part No.	Qty.	Description
1	203080003043	1	Power plug cable(Type L, South American and Italian specs)
2	203080000537	1	Power plug cable(Type M, Macao specs)
3	203080000538	1	Power plug cable(Type E+F, European and Brazilian specs)
4	203080000534	1	Power plug cable(Type B, American and South American specs)
5	203080000532	1	Power plug cable(Type G, HongKong and Middle East specs)
6	203080000530	1	Power plug cable(Type I, China and Australian specs)
7	203080000539	1	Power plug cable(Type J, Swiss specs)

## 8.8 INDUSTRIAL POWER PLUG OPTIONS

No.	Part No.	Qty.	Description
1	203080000381	1	Industrial power plug(110V)
2	203080003157	1	American standard plug(US)
3	203080000303	1	Industrial power plug(220V)

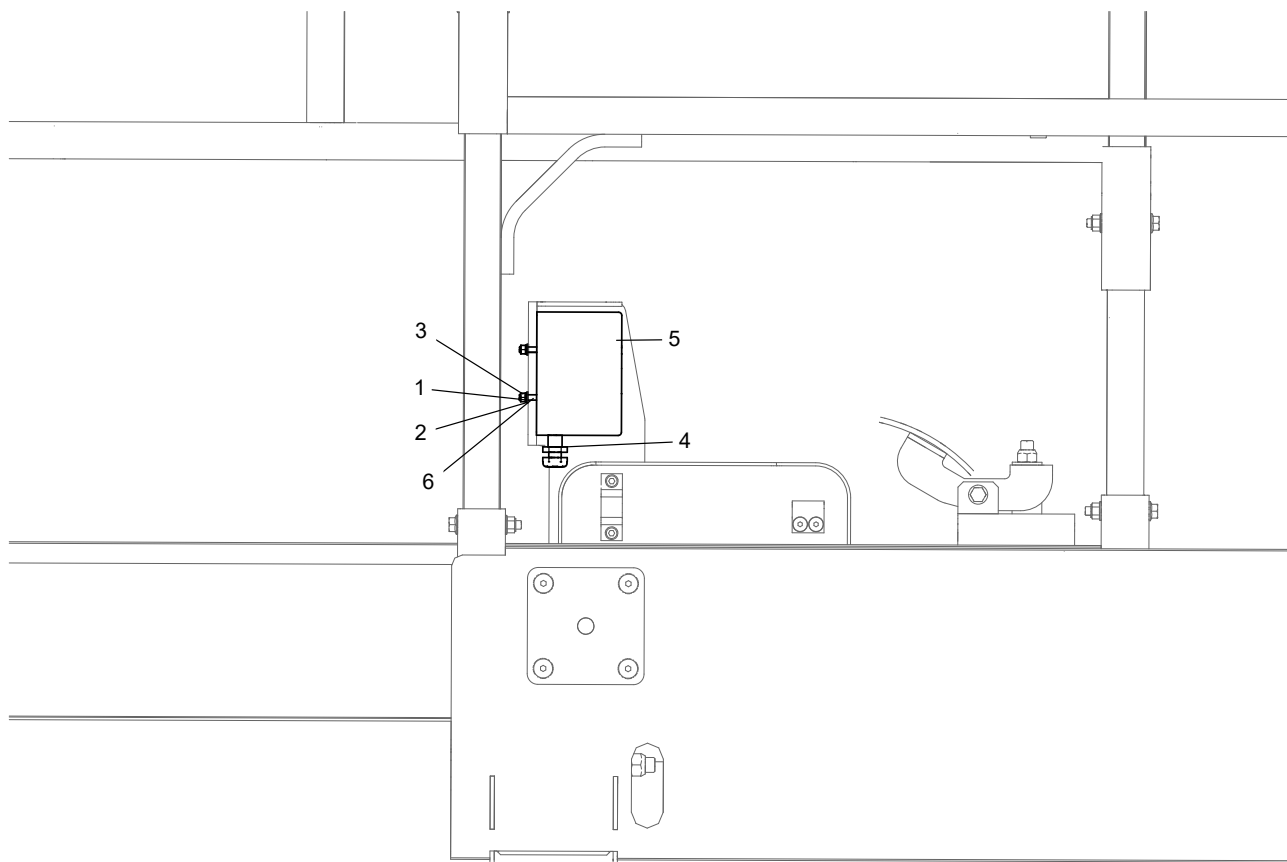
## 8.9 AC POWER CABLE OPTIONS -0608

No.	Part No.	Qty.	Description
1	203230000724	1	Cable(EU, without RCBO)
2	203230000766	1	Cable(EU, with RCBO)
3	203230000723	1	Cable(GB)
4	203230000725	1	Cable(US)

## 8.10 AC POWER CABLE OPTIONS -0808

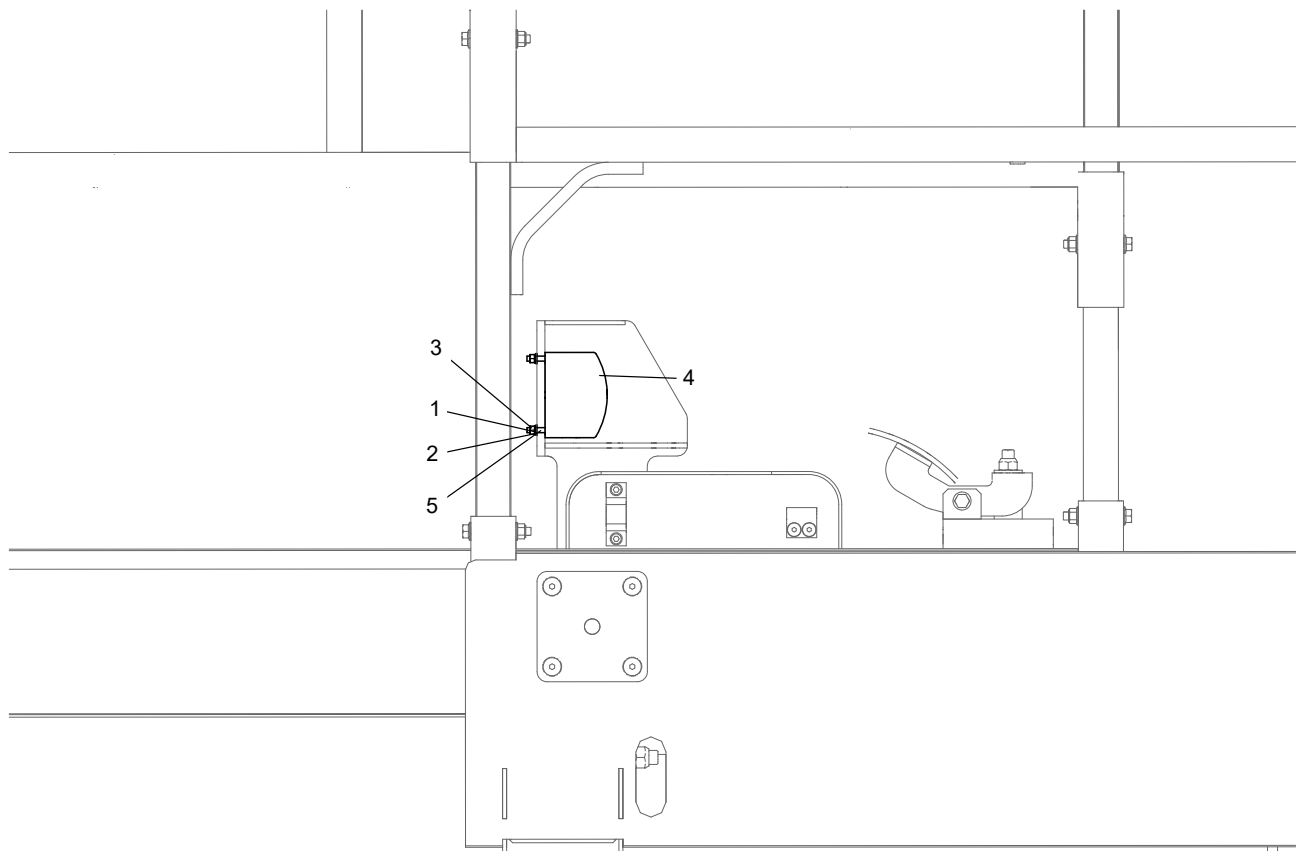
No.	Part No.	Qty.	Description
1	203230000706	1	Cable(EU, without RCBO)
2	203230000850	1	Cable(EU, with RCBO)
3	203230000707	1	Cable(US)
4	203230000705	1	Cable(GB)

## 8.11 WATERPROOF SOCKET INSTALLATION (ALL SPECS)



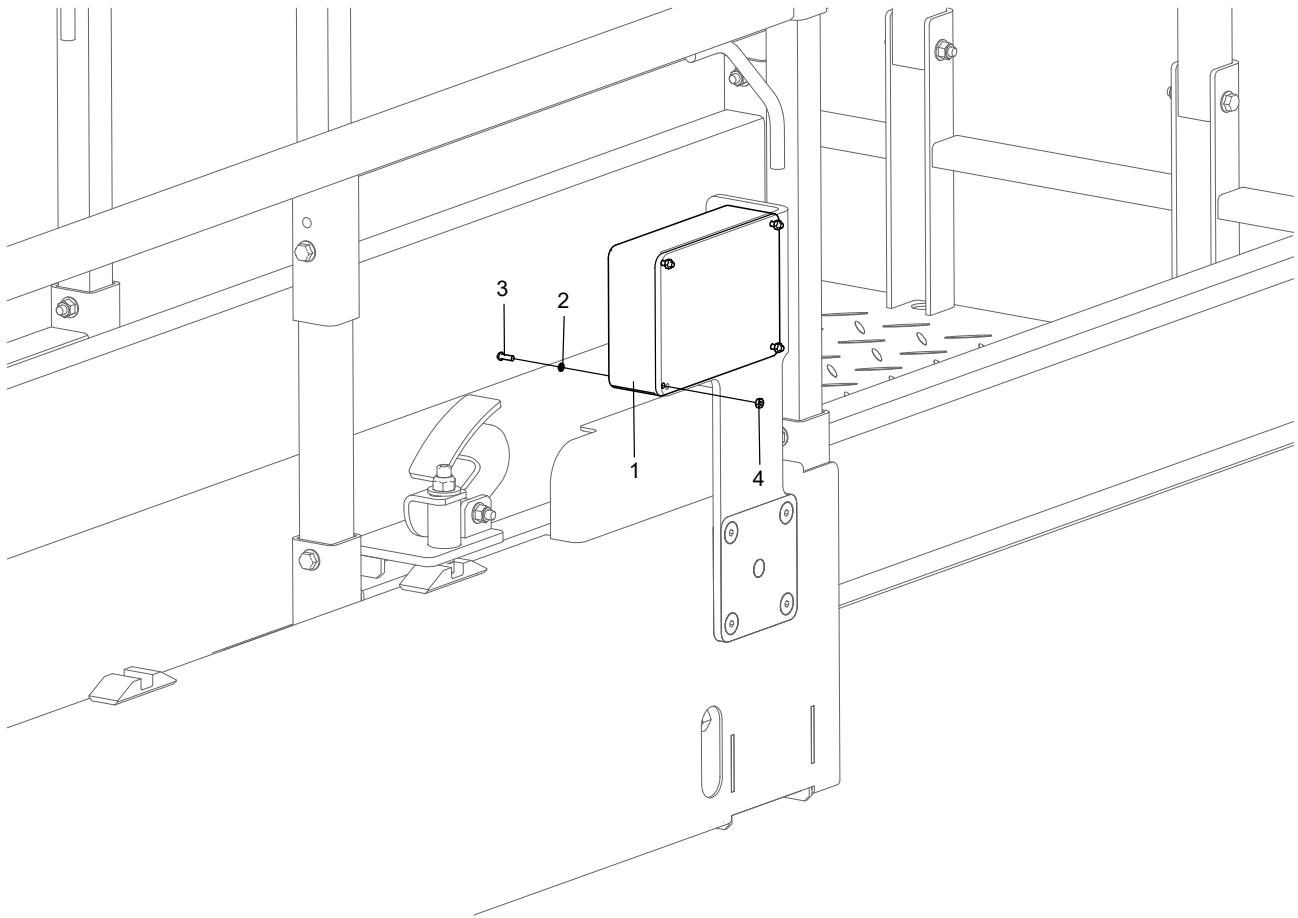
No.	Part No.	Qty.	Description
1	215040000003	4	Washer 5-A2-70 GB/T 93
2	215040000032	4	Washer 5-A2 GB/T 97.1
3	215030000003	4	Nut M5-A2-70 GB/T 6170
4	201990003005	1	Connector, waterproof, nylon
5	203080000301	1	Waterproof socket
6	215020000113	4	Screw M5×25-A2-70 GB/T 818

## 8.12 WATERPROOF SOCKET INSTALLATION (EUROPEAN STANDARD)



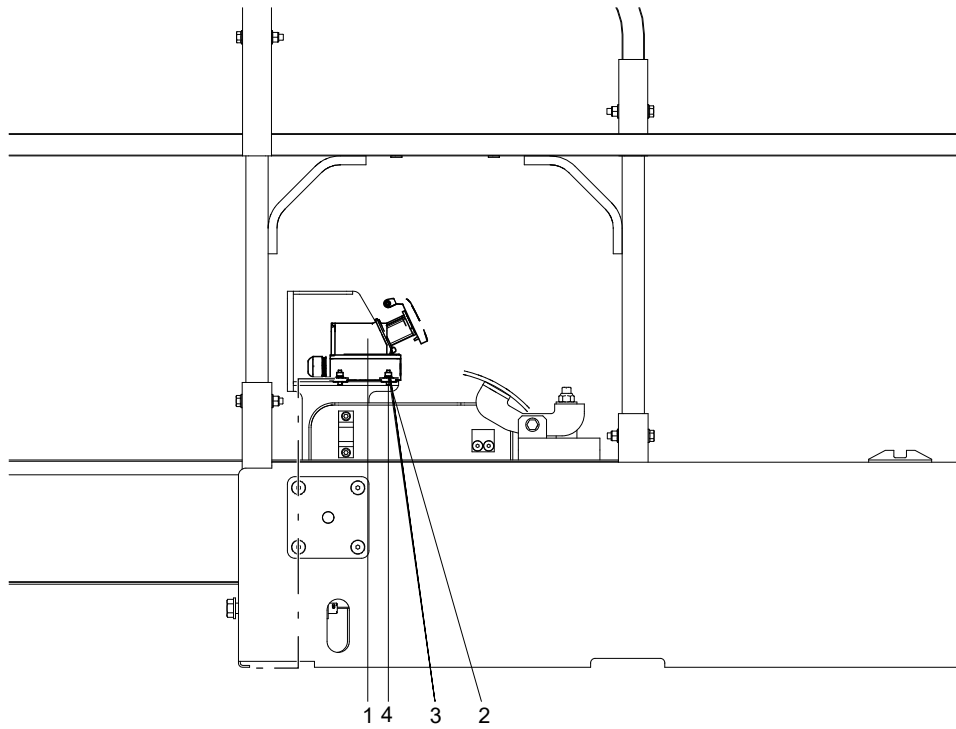
No.	Part No.	Qty.	Description
1	215040000003	2	Washer 5-A2-70 GB/T 93
2	215040000032	2	Washer 5-A2 GB/T 97.1
3	215030000003	2	Nut M5-A2-70 GB/T 6170
4	203080000278	1	Waterproof socket
5	215020000112	2	Screw M5×20-A2-70 GB/T 818

### 8.13 WATERPROOF SOCKET INSTALLATION (AMERICAN STANDARD)



No.	Part No.	Qty.	Description
1	203080000472	1	American standard socket assembly
2	215040000002	4	Washer 4-A2-70 GB/T 93
3	215020000105	4	Screw M4×12-A2-70 GB/T 818
4	215030000002	4	Nut M4-8-A2-70 GB/T 6170

## 8.14 WATERPROOF SOCKET INSTALLATION (UK)



No.	Part No.	Qty.	Description
1	203080000385	1	Waterproof socket
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	215020000006	4	Screw M5×12-A2-70 GB/T 70.1
4	215040000032	5	Washer 5-A2 GB/T 97.1

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