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Translated version

Parts Manual

VM04E/VM120E



CE AS/NZS 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.

For disposal, please comply with local regulations.

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TO USERS

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

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

Due to continuous improvement and upgrading of product design and different product models covered, some charts and texts in the manual may be not applicable to your machine. Our company reserves the right to revise the manual due to technical improvement, and the manual is subject to change without further notice. Please contact Sinoboom or its authorized agent for the latest manual.

Please go to www.sinoboom.com.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

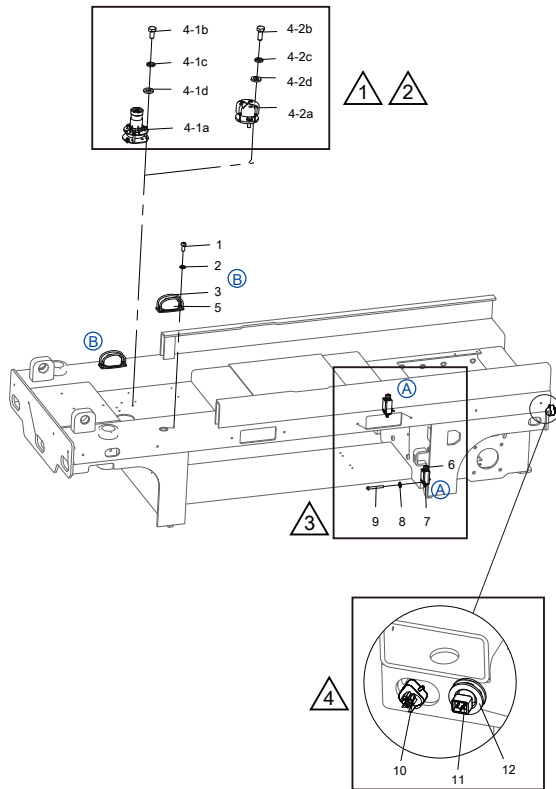
The manual is applicable to machines with the following models and serial numbers:

Model	Metric Trade ID	Imperial Trade ID	Serial No.
VM04E	VM04E	VM120E	From 1000200100 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	215020000110	4	螺钉 M5×12-A2-70 GB/T 81
2	215040000003	4	垫圈 5-A2-70 GB/T 93
3	203990000003	4	防护罩
4	101053063017		水平开关安装选配
4-1a	203150000066	1	水平开关
4-1b	215010000049	3	螺栓 M6×12-A2-70 GB/T 5783
4-1c	215040000004	3	垫圈 6-A2-70 GB/T 93
4-1d	215040000033	3	垫圈 6-A2 GB/T 97.1
4-2a	203060000076	1	水平开关
4-2b	215010000050	3	螺栓 M6×16-A2-70 GB/T 5783
4-2c	215040000004	3	垫圈 6-A2-70 GB/T 93
4-2d	215040000033	3	垫圈 6-A2 GB/T 97.1
5	203050000038	2	LED 频闪灯
6	201990000305	2	尼龙防水接头
7	203060000055	2	行程开关
8	215040000003	2	垫圈 5-A2-70 GB/T 93
9	215020000215	2	螺钉 M5×40-A2-70 GB/T 818
10	203080000173	1	充电插头线
11	203080000343	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.

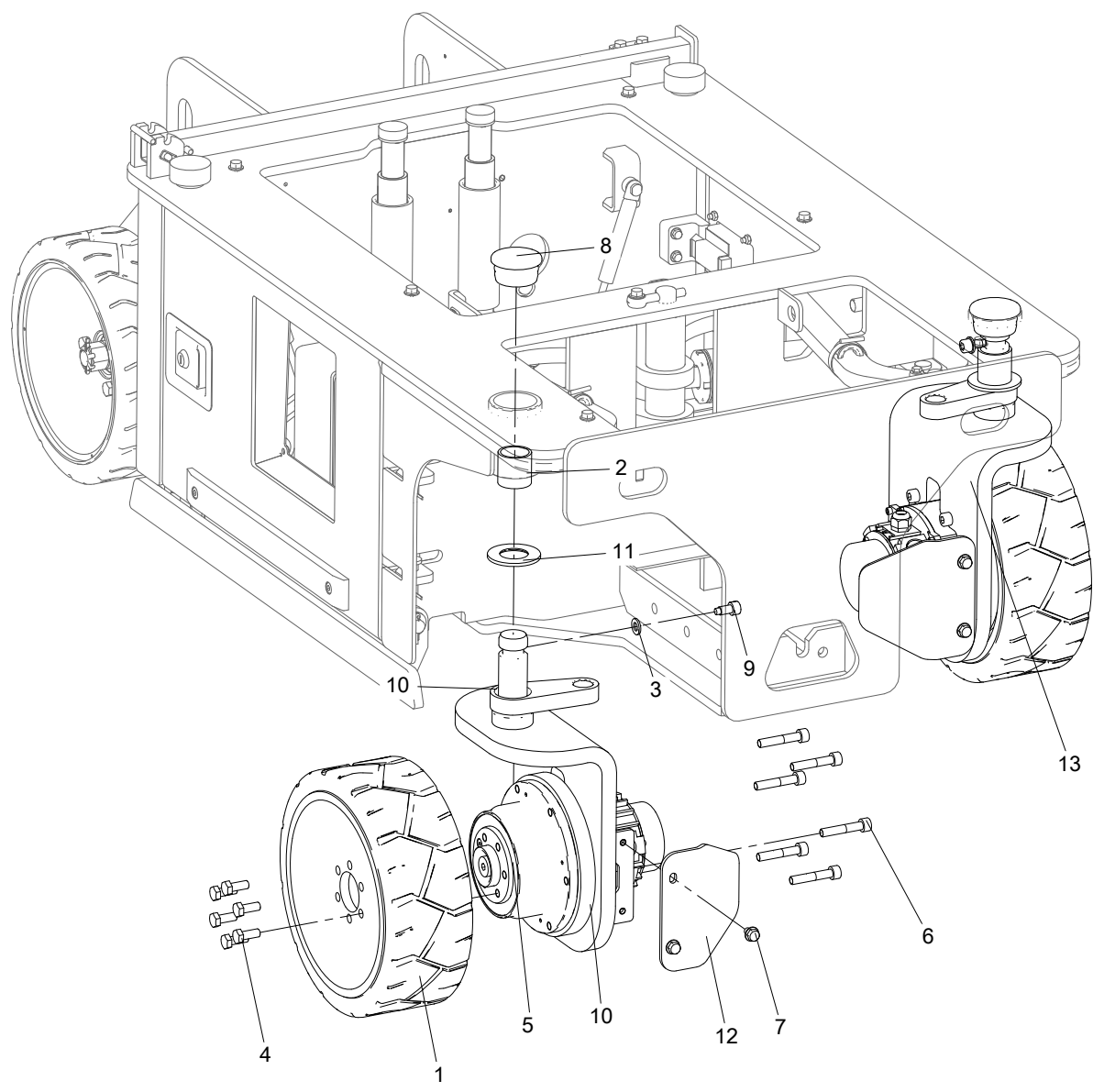
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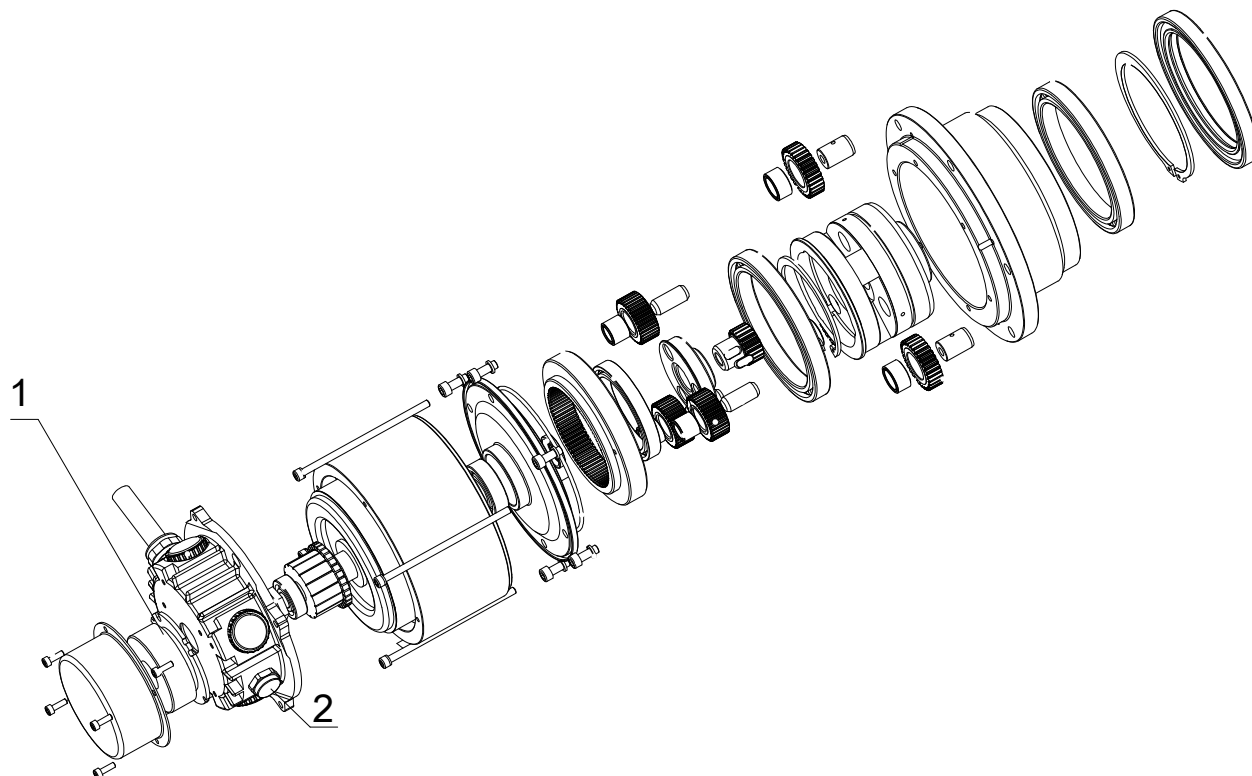
1 CHASSIS ASSEMBLY

1.1 DRIVE INSTALLATION



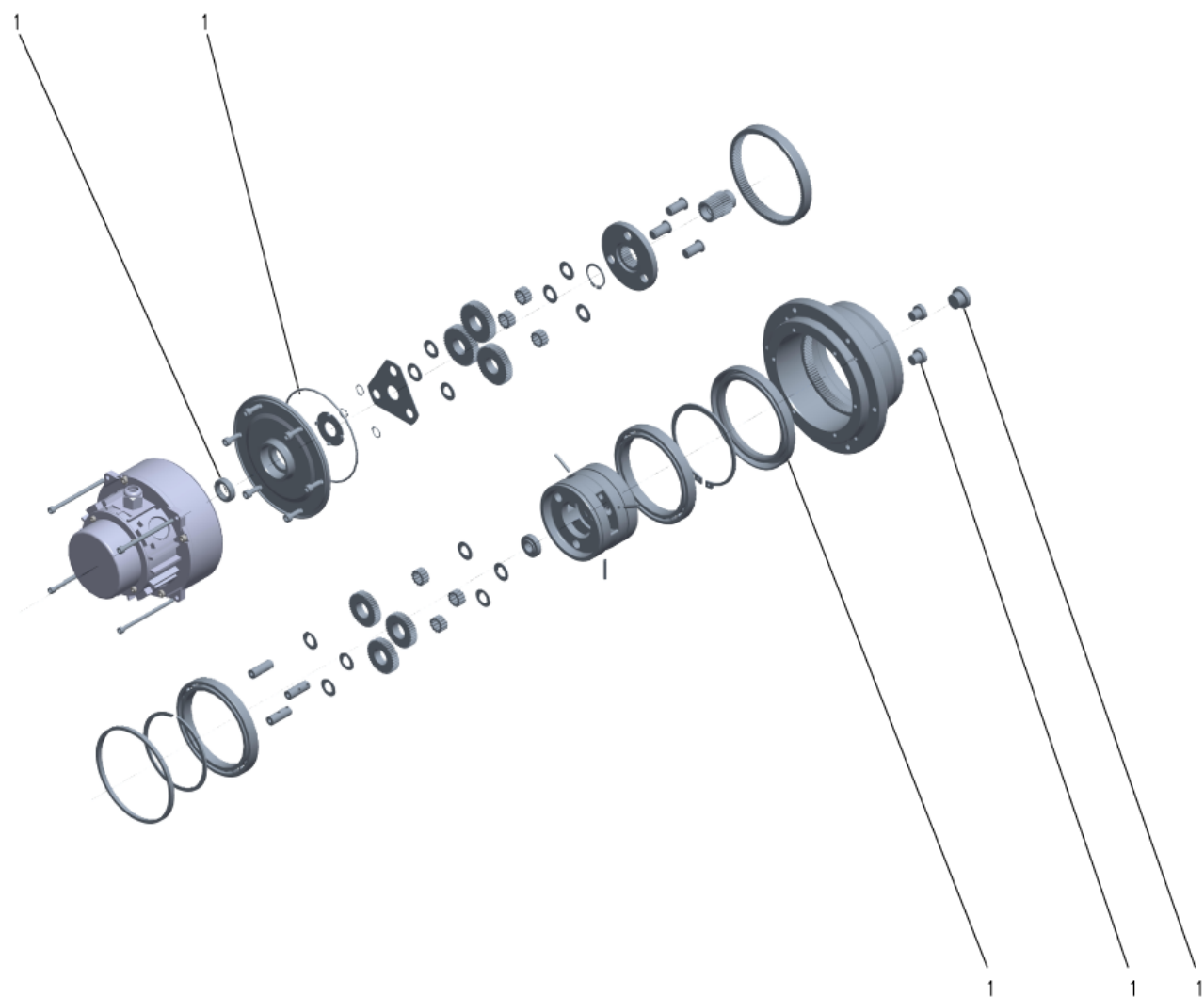
No.	Part No.	Qty.	Description
1	204080003073	2	Solid tyre
2	214030000004	2	Self-lubricating bearing
3	2150400000035	2	Washer 10-200HV-ZnD GB/T 97.1
4	215010000267	12	Bolt M10×25-10.9-DKL GB/T 5789
5	110002030051		Drive reducer ,options
5-1	204020003042	2	Drive reducer
5-2	203010003123	2	Drive reducer
6	2150200000060	12	Screw M10×55-8.8-ZnD GB/T 70.1
7	215010000233	4	Bolt M8×12-8.8-ZnD GB/T 5789
8	101040033005	2	Plug
9	101040030102	2	Special Bolt
10	110002030043	1	VM04E Wheel carrier, Right
11	101032030084	2	Shim
12	110002030082	2	Bumper plate
13	110002030041	1	VM04E Wheel carrier, left

1.2 DRIVE REDUCER (PN.203010003123)



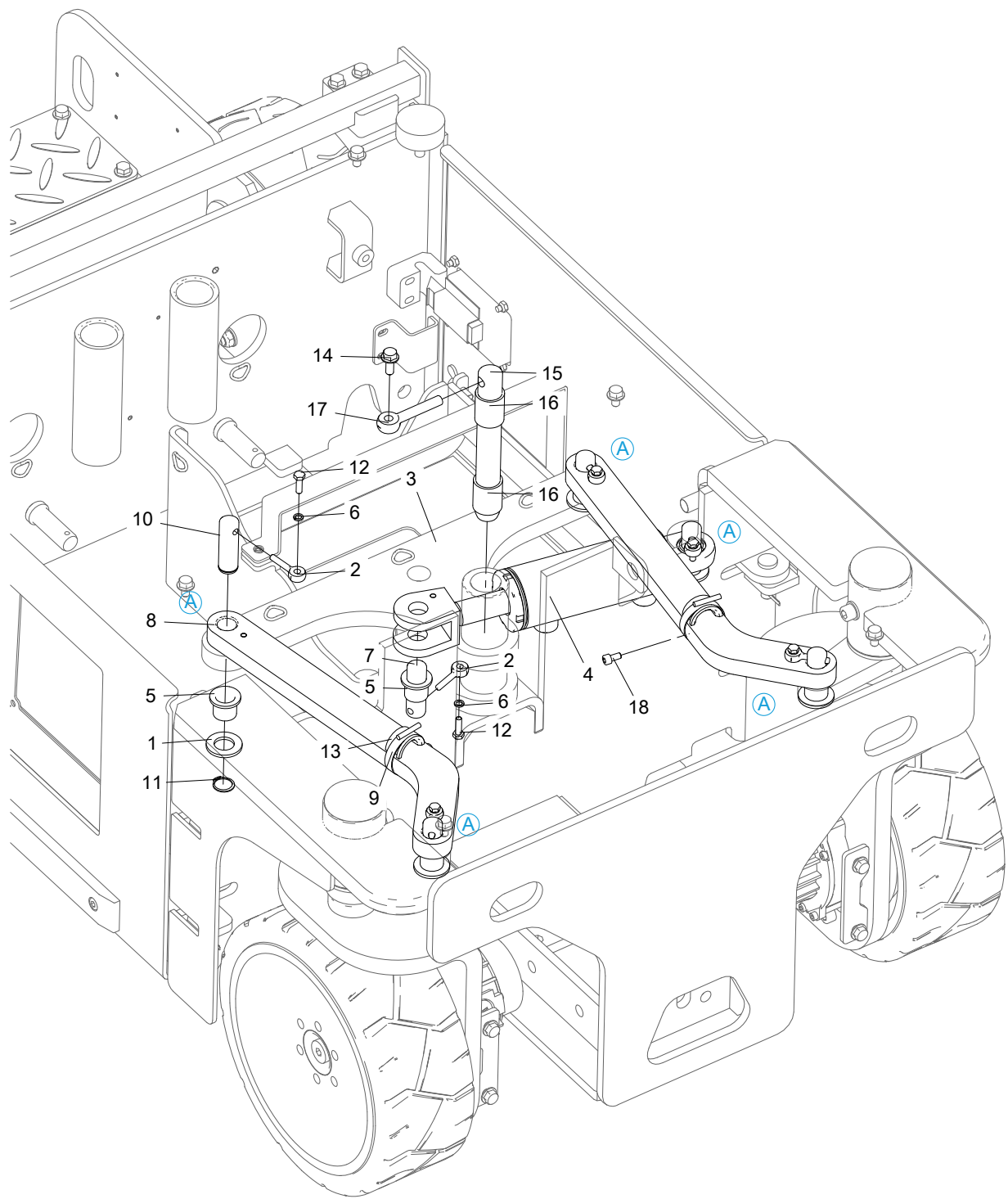
No.	Part No.	Qty.	Description
1	204020003039	1	Brake
2	203010003121	1	Metal waterproof permeable valve(capitulum)
3	203130003001	1	Brush component
4	203010003116	1	Metal waterproof head
5	203010003118	1	Circlip for shaft
6	203010003119	1	Turn-knob

1.3 DRIVE REDUCER (PN.204020003042)



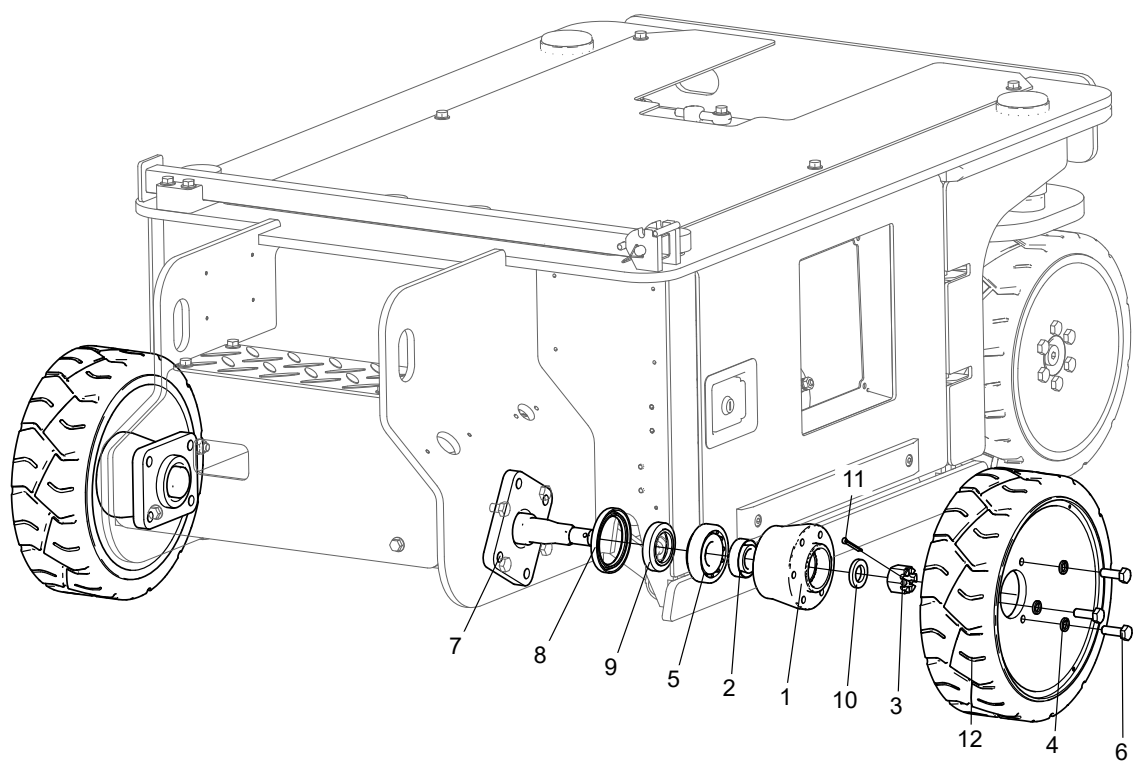
No.	Part No.	Qty.	Description
1	204020003064	1	Seal kit, Drive reducer

1.4 STEER INSTALLATION



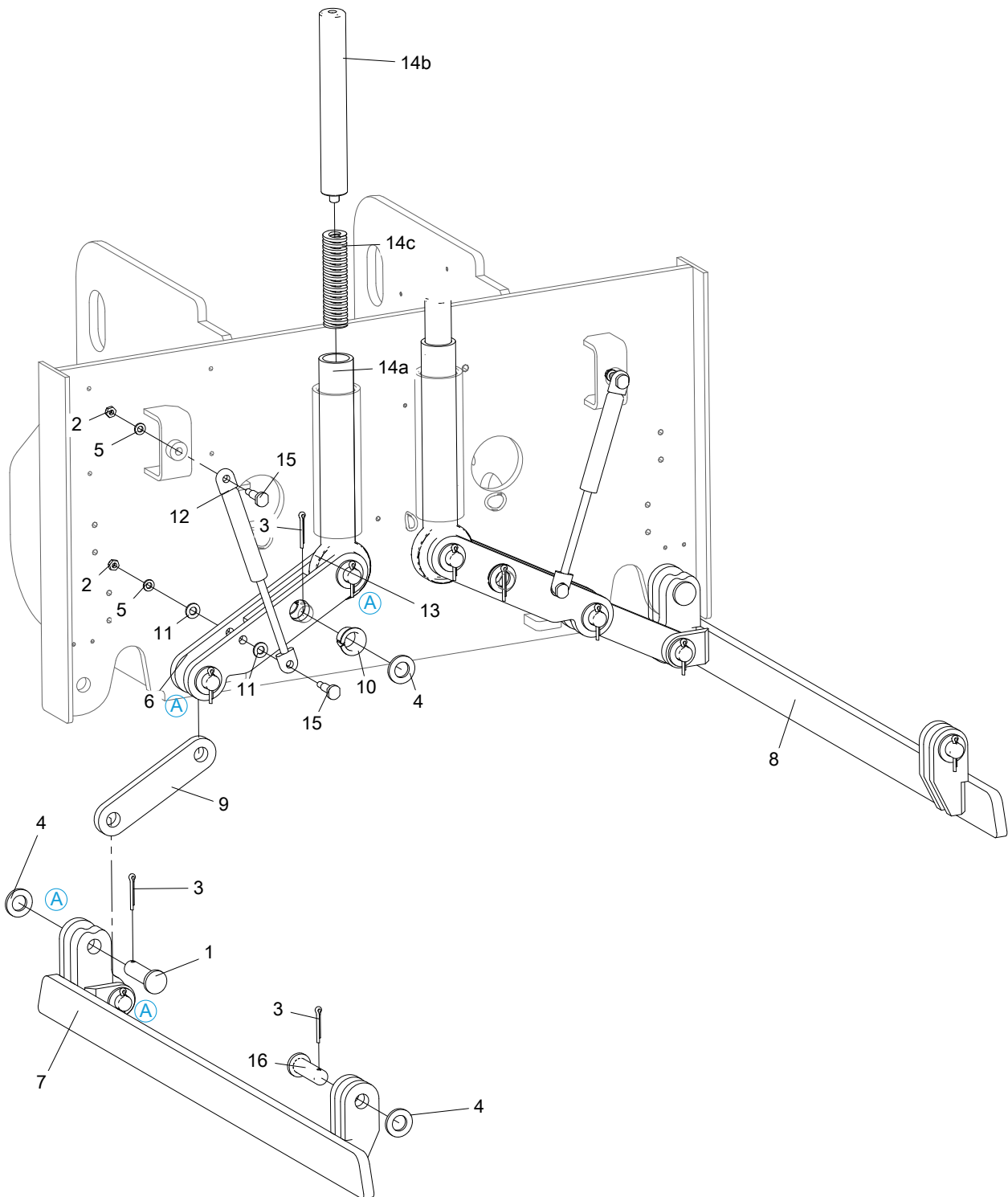
No.	Part No.	Qty.	Description
1	215040000041	5	Washer 20-200HV-ZnD GB/T 97.1
2	101012010070	6	Keeper pin $\Phi 6-38$
3	110002030029	1	Steer linkage
4	110002050002	1	Steer Cylinder(A)
4a	207990003535	1	Seal kit, cylinder
5	214010000029	5	Bearing 20×24-20
6	215040000004	6	Washer 6-A2-70 GB/T 93
7	110001030020	1	Pin XG $\Phi 20-63$ [Z]
8	110001030031	2	Link
9	216020000027	2	Screw clamp
10	110001030062	5	Pin XG $\Phi 20-63$ [Z]
11	215040000083	5	Retaining ring 20-DKL GB/T 894.1
12	215010000051	6	Bolt M6×20-A2-70 GB/T 5783
13	110002030066	2	Pad
14	215010000234	1	Bolt M8×20-8.8-ZnD GB/T 5789
15	110001030004	1	Pin XG $\Phi 35-192$ [Z]
16	214030000080	2	Self-lubricating bearing
17	101012010044	1	Keeper pin
18	215020000010	2	Screw M6×12-A2-70 GB/T 70.1

1.5 REAR WHEEL INSTALLATION



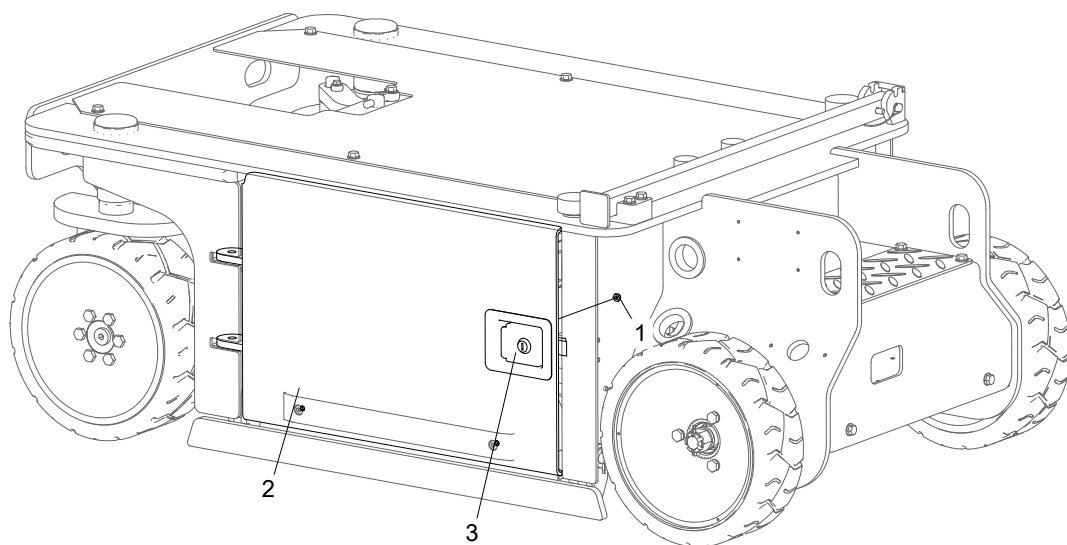
No.	Part No.	Qty.	Description
1	101040030009	2	Bearing Block
2	214010000030	2	Bearing 33005 GB/T 297
3	215030000100	2	Nut M20×2-8-ZnD GB/T 9457
4	215040000006	6	Washer 10-ZnD GB/T 93
5	214010000018	2	Bearing 30306 GB/T 297
6	215010000072	6	Bolt M10×30-10.9-DKL GB/T 5783
7	101040030055	2	Bearing Block,Hub
8	207070000006	2	Framework oil seal
9	101040030059	2	Retaining Ring
10	101040030086	2	Washer
11	215060000007	2	Pin 4×32-ZnD GB/T 91
12	204080000033	2	Solid tyre (front)

1.6 POTHOLE PROTECTION INSTALLATION



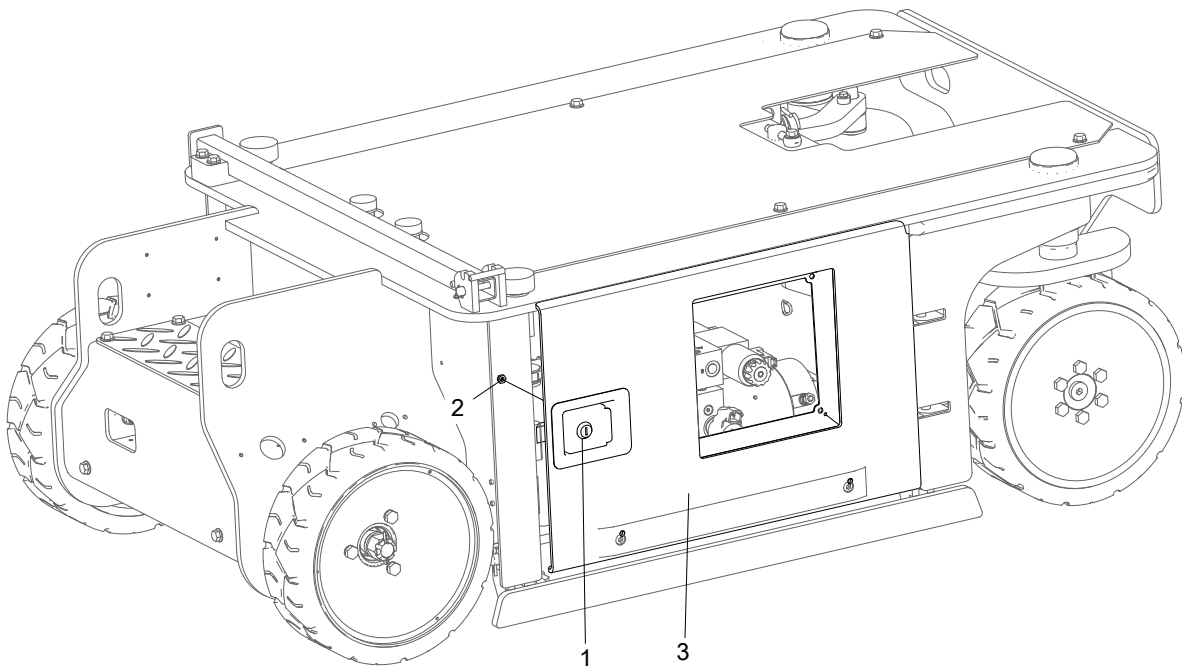
No.	Part No.	Qty.	Description
1	215060000039	8	Clevis pin B15×55-ZnD GB/T 882
2	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
3	215060000066	12	Pin 4×25-ZnD GB/T 91
4	215040000039	12	Washer 16-200HV-ZnD GB/T 97.1
5	215040000033	4	Washer 6-A2 GB/T 97.1
6	101040030005	2	Link
7	110001030039	1	Pothole Protection Plate, Right
8	110001030040	1	Pothole protection plate, Left
9	110001030046	2	Linkage
10	214030000024	4	Bearing 20×23×16.5 SF-1F
11	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
12	210010000075	2	Gas strut
13	101014030007	2	Roller
14	110001030028	2	Spring support
14a	101028030054	1	Steel pipe
14b	110002030079	1	Pin XJΦ27.5-225[Z]
14c	210070000008	1	Spring
15	101014030008	4	Clevis pin XJΦ8-34
16	215060000064	2	Clevis pin B16×50-ZnD GB/T 882

1.7 LEFT DOOR INSTALLATION



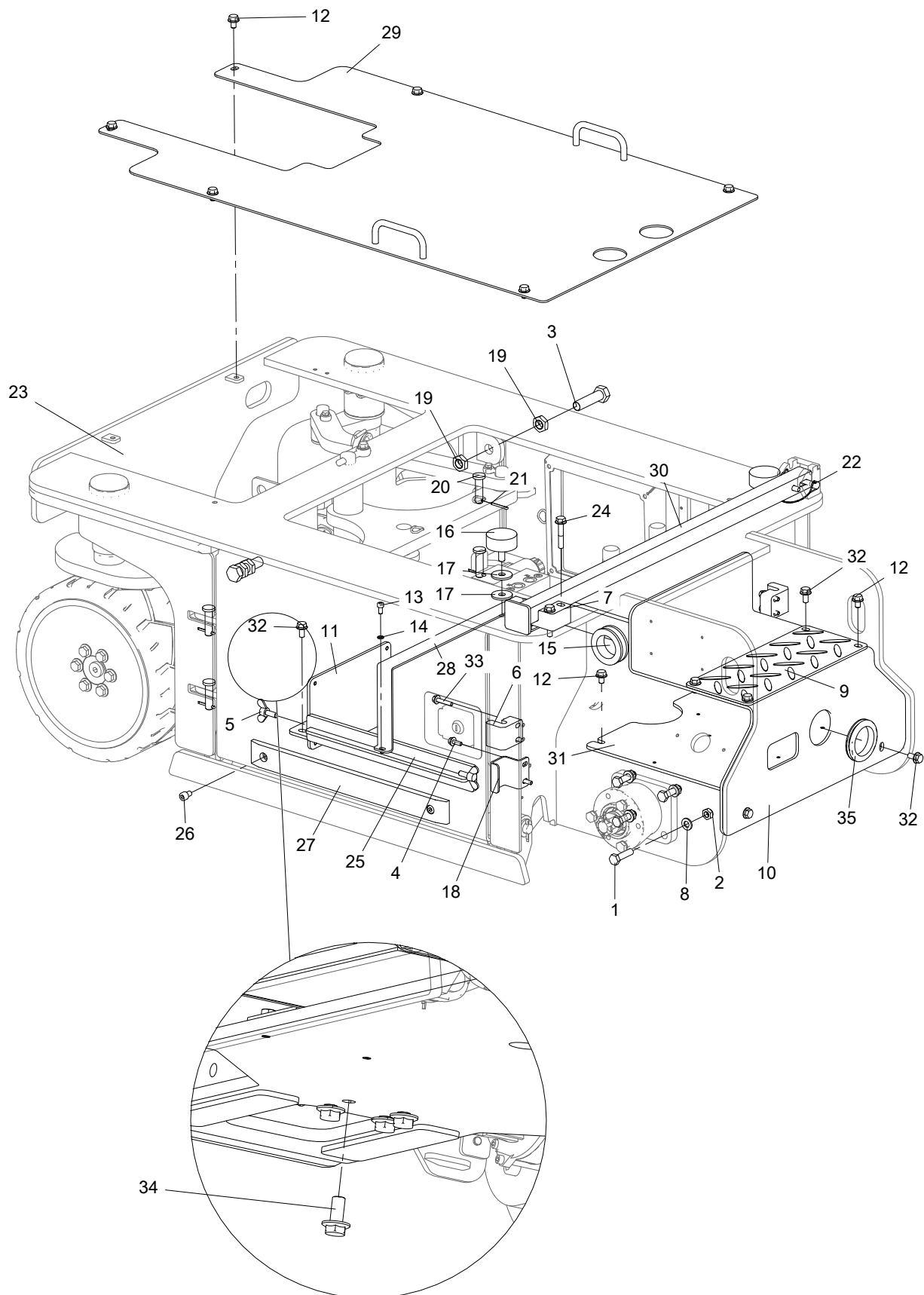
No.	Part No.	Qty.	Description
1	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
2	110002030023	1	Weldment, Left door
3	209050000034	1	Panel lock MS866-27-2

1.8 RIGHT DOOR INSTALLATION



No.	Part No.	Qty.	Description
1	209050000034	1	Panel lock MS866-27-2
2	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
3	110002030022	1	Weldment, Right door

1.9 CHASSIS ACCESSORY INSTALLATION

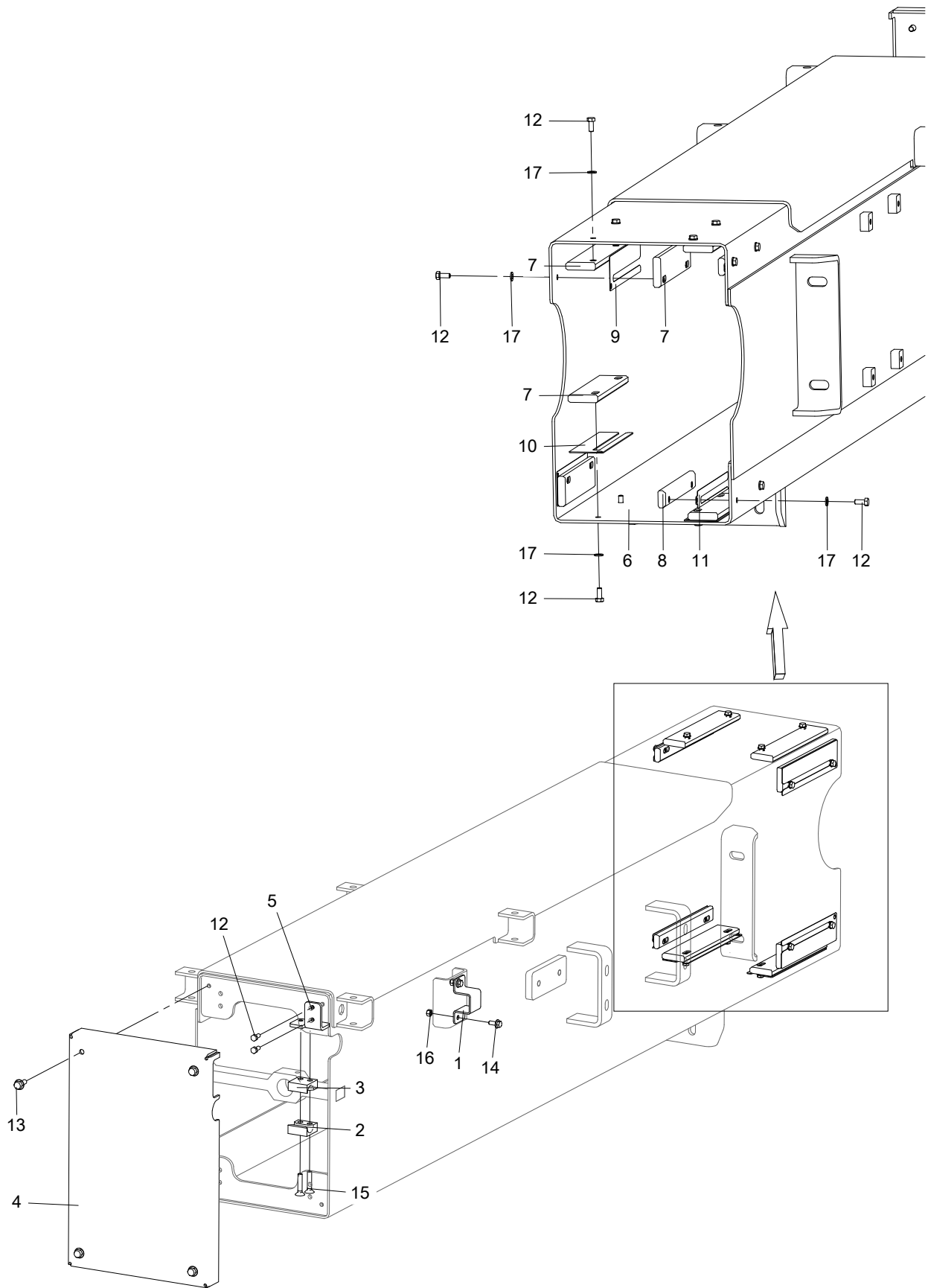


No.	Part No.	Qty.	Description
1	215010000075	8	Bolt M10×40-8.8-ZnD GB/T 5783
2	215030000027	8	Nut M10-8-ZnD GB/T 6184
3	215010000118	2	Bolt M16×60-10.9-DKL GB/T 5783
4	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
5	215010000228	2	Thumb bolt M8x20-8.8-ZnD DIN 316
6	110002030065	2	Pad
7	110002030064	1	Pad
8	215040000035	8	Washer 10-200HV-ZnD GB/T 97.1
9	110002030047	1	Anti-slip plate
10	110002030037	1	Plate , bending
11	110002030038	1	Plate, bending
12	215010000233	11	Bolt M8×12-8.8-ZnD GB/T 5789
13	215020000010	4	Screw M6×12-A2-70 GB/T 70.1
14	215040000004	2	Washer 6-A2-70 GB/T 93
15	102004030245	1	Rubber grommet
16	216040000008	2	Shock pad
17	215040000125	4	Washer 10-100HV-ZnD GB/T 5287
18	101014030107	2	Bracket
19	215030000019	4	Nut M16-8-ZnD GB/T 6172.1
20	215060000081	4	Clevis pin B12×45-ZnD GB/T 882
21	215060000004	4	Pin 3.2×25-ZnD GB/T 91
22	209020003003	1	Safety pin
23	110002030058	1	Weldment, Chassis
24	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
25	110001030059	1	Gear lever
26	215020000021	4	Screw M8×12-8.8-ZnD GB/T 70.1
27	101054033012	2	Bumper plate
28	110001030070	1	Channel plate
29	110002030080	1	Cover
30	110002030069	1	Safety arm
31	110002030034	1	Plate
32	215010000263	6	Bolt M8×16-10.9-DKL GB/T 5789
33	215010000282	4	Bolt M6×30-8.8-ZnD GB/T 5789
34	215010000243	4	Bolt M12×30-8.8-ZnD GB/T 5789
35	115003033336	1	Rubber grommet

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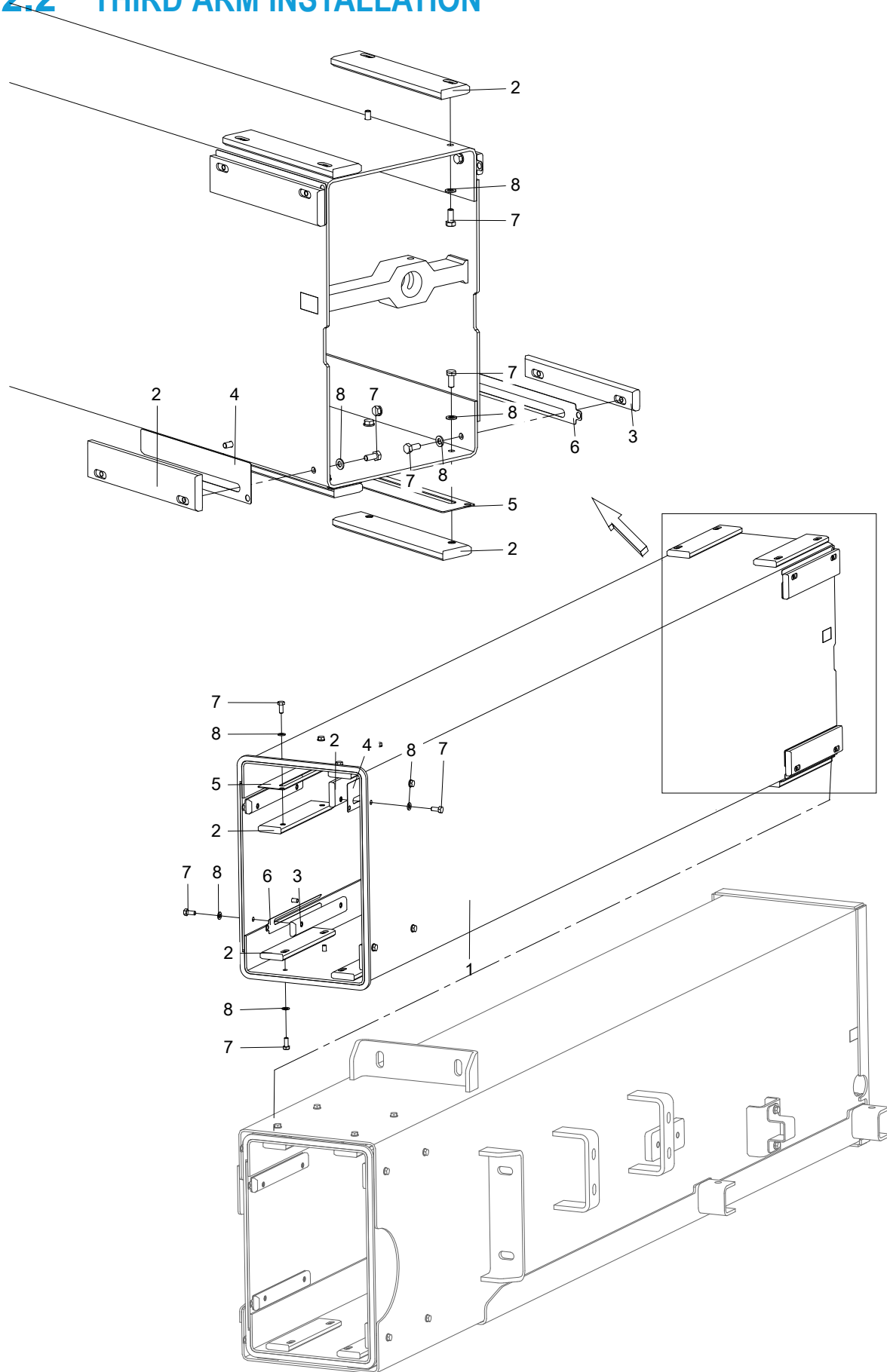
2 BOOM ASSEMBLY

2.1 THE FOURTH ARM INSTALLATION



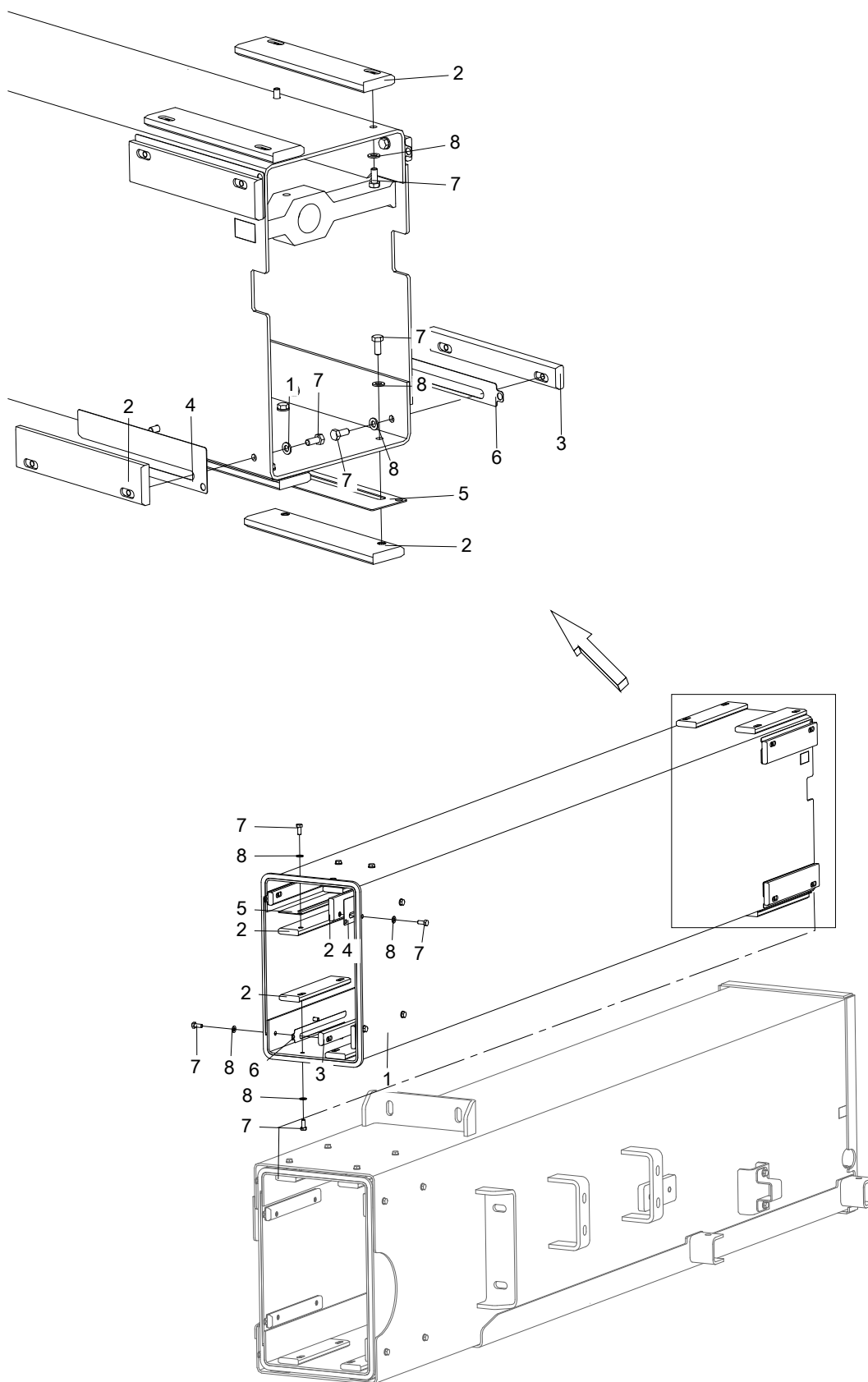
No.	Part No.	Qty.	Description
1	101013040012	1	Folded plate
2	101040040069	1	Nylon block
3	101040040070	1	Nylon block
4	110002010252	1	Cover
5	110002010270	1	Plate, bending
6	110002010280	1	The fourth arm assembly[G]
7	110002010296	6	Wear pad assembly
8	110002010297	2	Wear pad assembly
9	110002010299	2	Plate
10	110002010300	2	Plate
11	110002010301	2	Plate
12	215010000041	18	Bolt M5×12-A2-70 GB/T 5783
13	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
14	215010000279	2	Bolt M5×12-8.8-ZnD GB/T 5789
15	215020000231	2	Screw M6×30-A2-70 GB/T 70.3
16	215030000003	2	Nut M5-A2-70 GB/T 6170
17	215040000032	16	Washer 5-A2 GB/T 97.1

2.2 THIRD ARM INSTALLATION



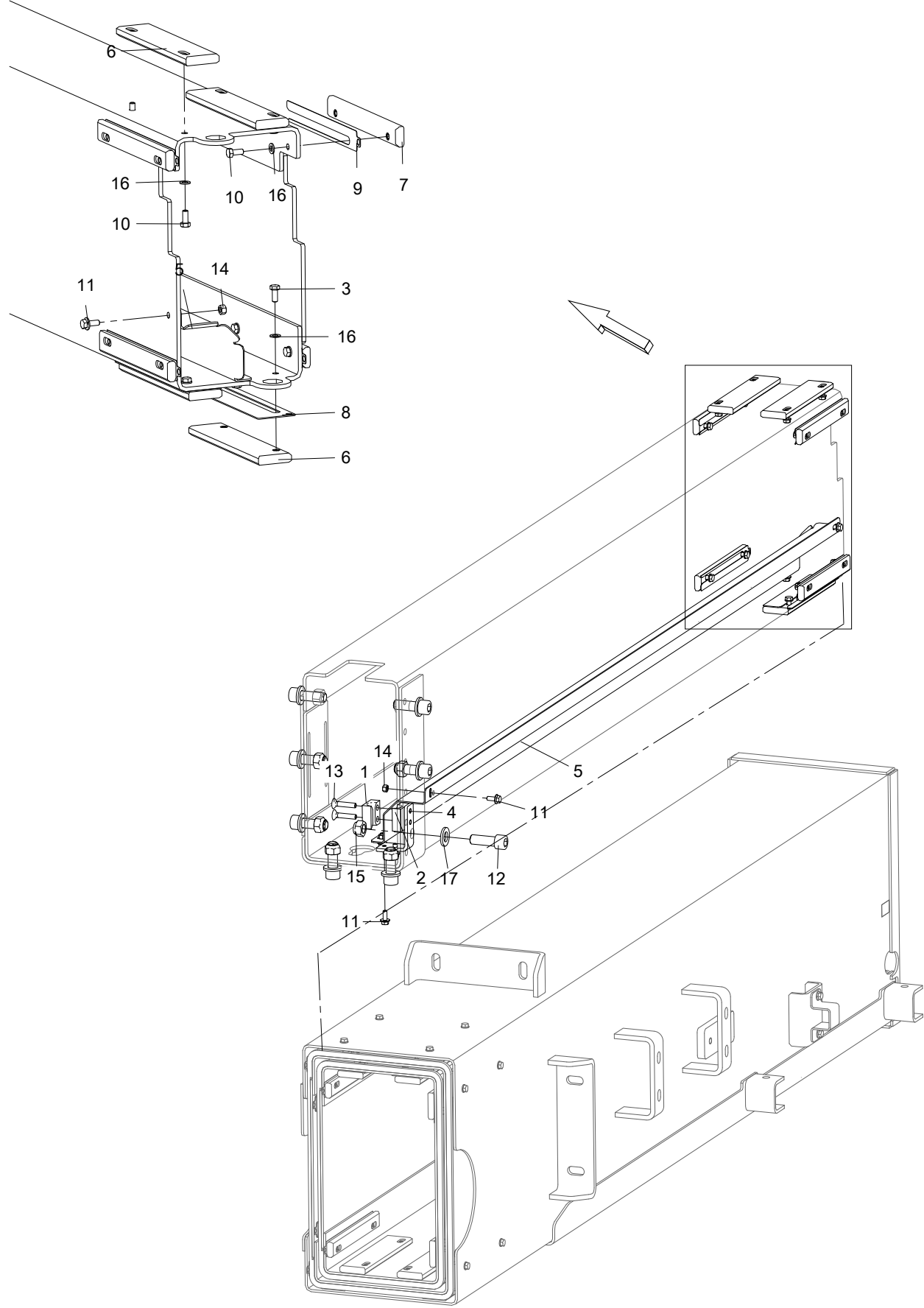
No.	Part No.	Qty.	Description
1	110002010272	1	Third arm assembly[G]
2	110002010296	12	Wear pad assembly
3	110002010297	4	Wear pad assembly
4	110002010299	4	Plate
5	110002010300	4	Plate
6	110002010301	4	Plate
7	215010000041	32	Bolt M5×12-A2-70 GB/T 5783
8	215040000032	32	Washer 5-A2 GB/T 97.1

2.3 SECOND ARM INSTALLATION



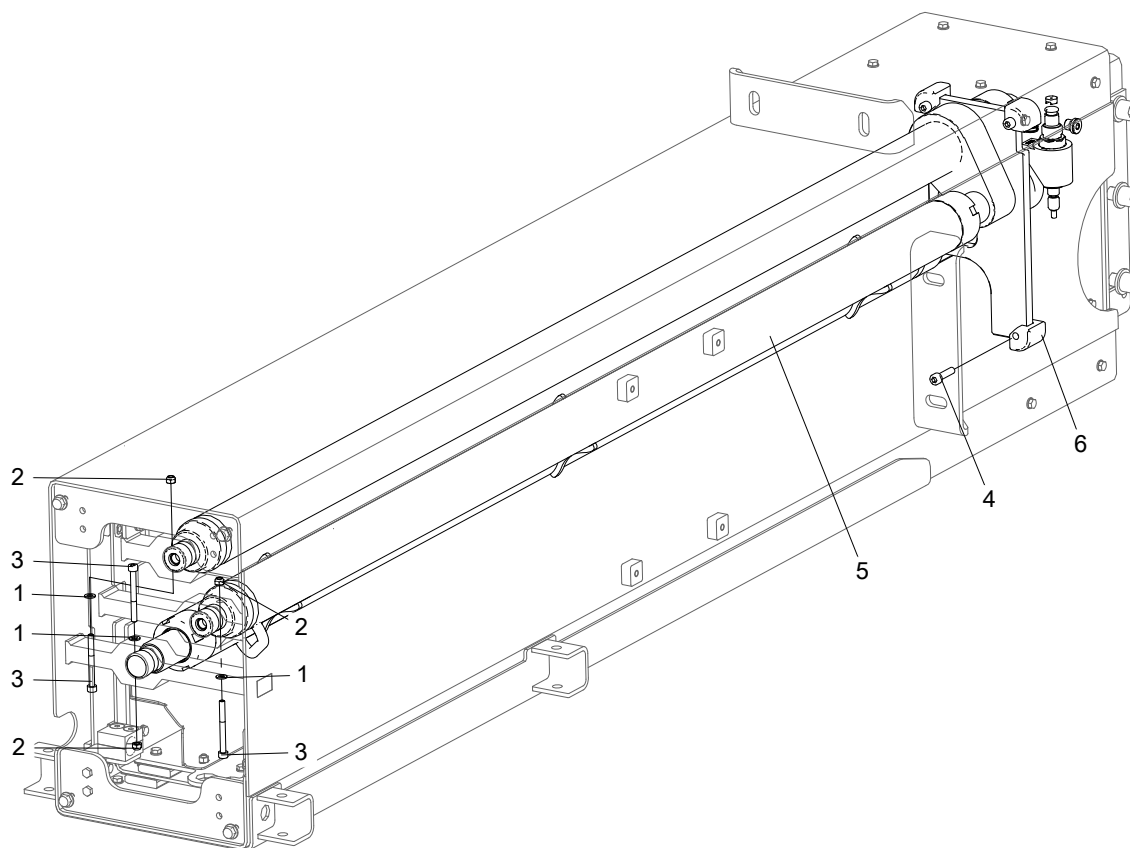
No.	Part No.	Qty.	Description
1	110002010275	1	Second arm assembly[G]
2	110002010296	12	Wear pad assembly
3	110002010297	4	Wear pad assembly
4	110002010299	4	Plate
5	110002010300	4	Plate
6	110002010301	4	Plate
7	215010000041	32	Bolt M5×12-A2-70 GB/T 5783
8	215040000032	32	Washer 5-A2 GB/T 97.1

2.4 BASE BOOM INSTALLATION



No.	Part No.	Qty.	Description
1	101040040069	1	Nylon block
2	101040040070	1	Nylon block
3	110002010256	1	Base boom[G]
4	110002010263	1	Plate, bending
5	110002010264	1	Plate, bending
6	110002010296	4	Wear pad assembly
7	110002010297	4	Wear pad assembly
8	110002010300	2	Plate
9	110002010301	4	Plate
10	215010000041	16	Bolt M5×12-A2-70 GB/T 5783
11	215010000279	6	Bolt M5×12-8.8-ZnD GB/T 5789
12	215020000076	8	Screw M12×35-8.8-ZnD GB/T 70.1
13	215020000231	2	Screw M6×30-A2-70 GB/T 70.3
14	215030000003	4	Nut M5-A2-70 GB/T 6170
15	215030000029	6	Nut M12-8-ZnD GB/T 6184
16	215040000032	16	Washer 5-A2 GB/T 97.1
17	215040000037	8	Washer 12-200HV-ZnD GB/T 97.1

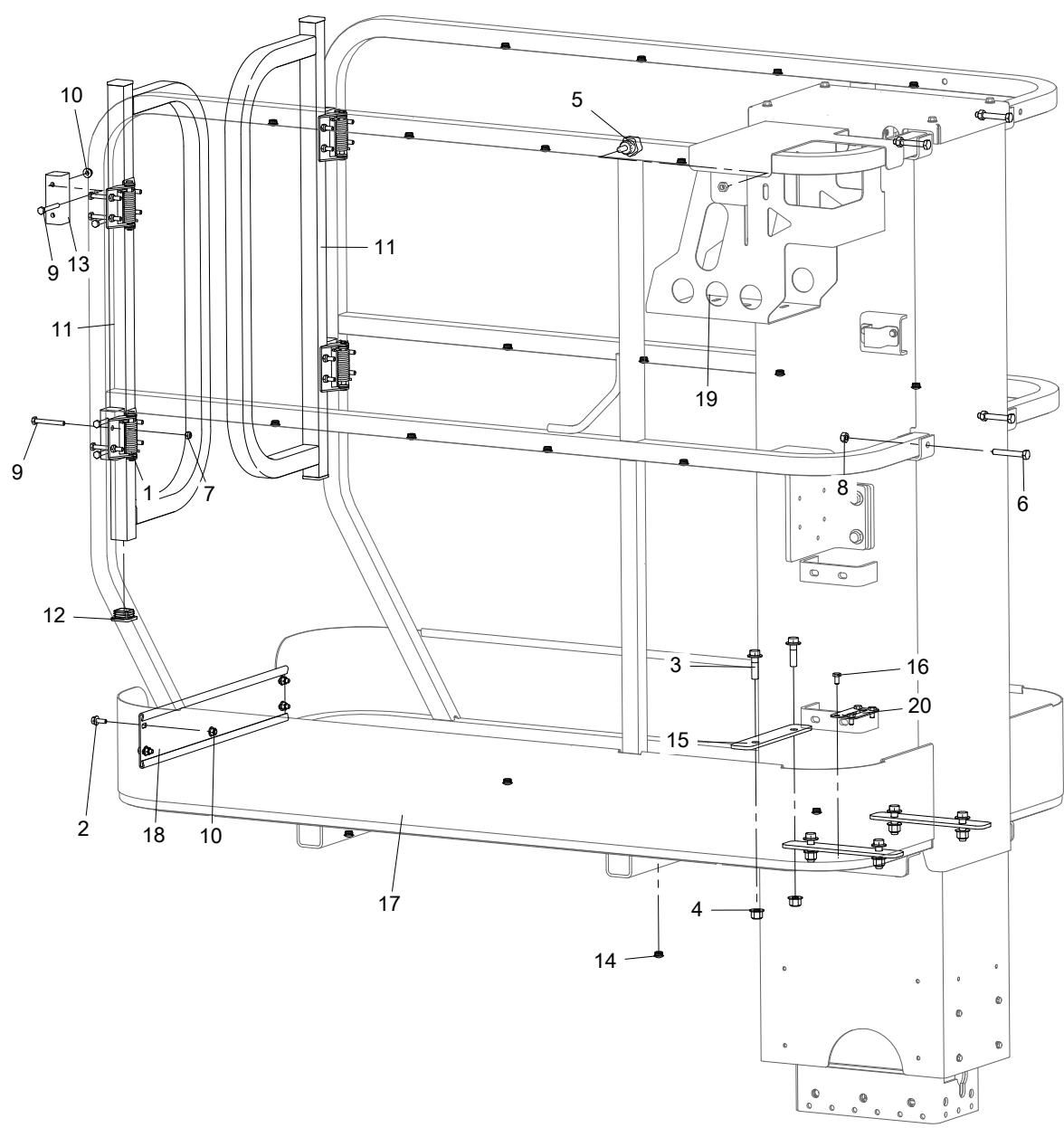
2.5 LIFT CYLINDER INSTALLATION



No.	Part No.	Qty.	Description
1	215040000032	3	Washer 5-A2 GB/T 97.1
2	215030000091	3	Nut M5-A2-70 GB/T 6184
3	215020000316	3	Screw M5×50-A2-70 GB/T 70.1
4	215020000013	4	Screw M6×25-A2-70 GB/T 70.1
5	110002050021	1	Lift cylinder assembly
5a	207990003918	1	Seal kit, cylinder
6	110002010251	4	Pad

3 PLATFORM ASSEMBLY

3.1 PLATFORM ASSEMBLY

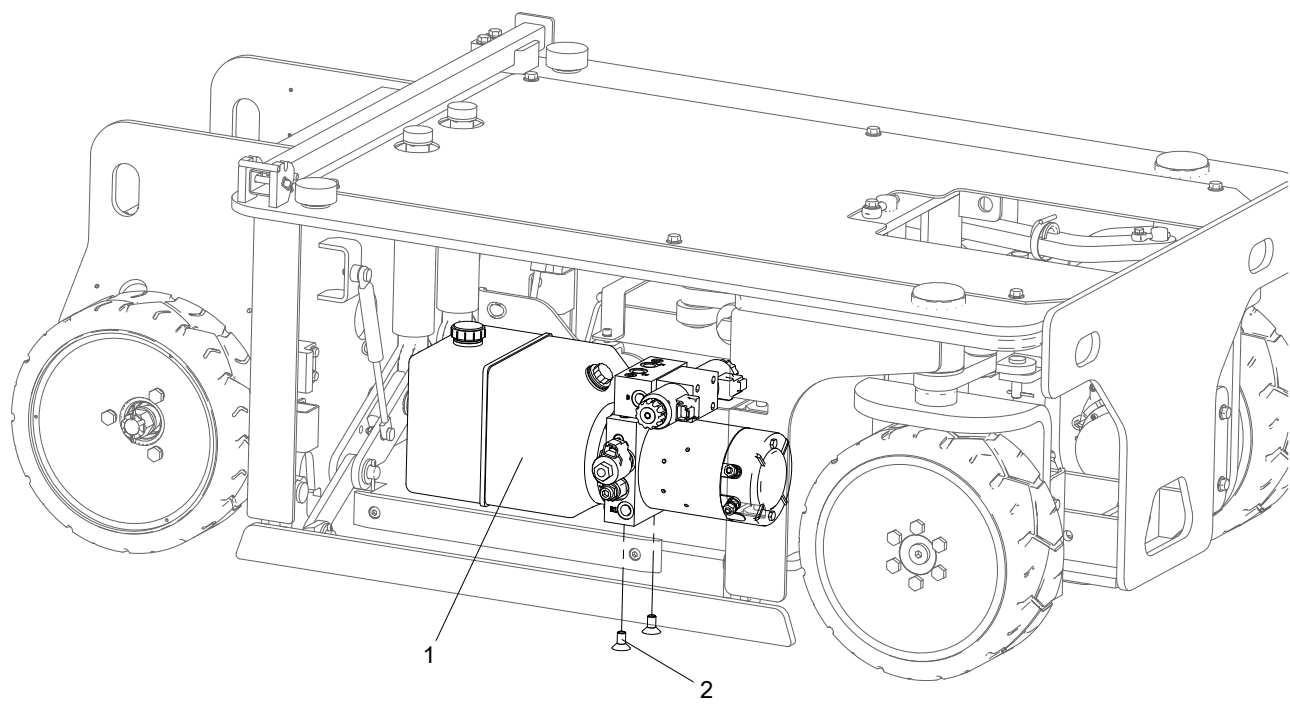


No.	Part No.	Qty.	Description
1	209050003014	4	Hinge assembly
2	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
3	215010000248	6	Bolt M10x35-8.8 ZnD GB/T 5789
4	215030000109	6	Nut M10-8-ZnD GB/T 6183.1
5	209030003004	1	Handle
6	215010000064	4	Bolt M8×55-8.8-ZnD GB/T 5783
7	215030000025	16	Nut M6-8-A2-70 GB/T 889.1
8	215030000005	4	Nut M8-8-ZnD-GB/T 6170
9	215010000055	24	Bolt M6×50-A2-70 GB/T 5783
10	215030000107	12	Nut M6-8-ZnD GB/T 6183.1
11	110002040032	2	Door
12	213060003026	4	Square pipe plug
13	110002040022	4	Block
14	216030000012	20	Plastic plug
15	110002040014	3	Rubber pad
16	215010000049	4	Bolt M6×12-A2-70 GB/T 5783
17	110002040029	1	Stationary platform[Z]
18	110002040013	1	Floded Plate
19	110002040033	1	Support
20	110002040039	1	Board

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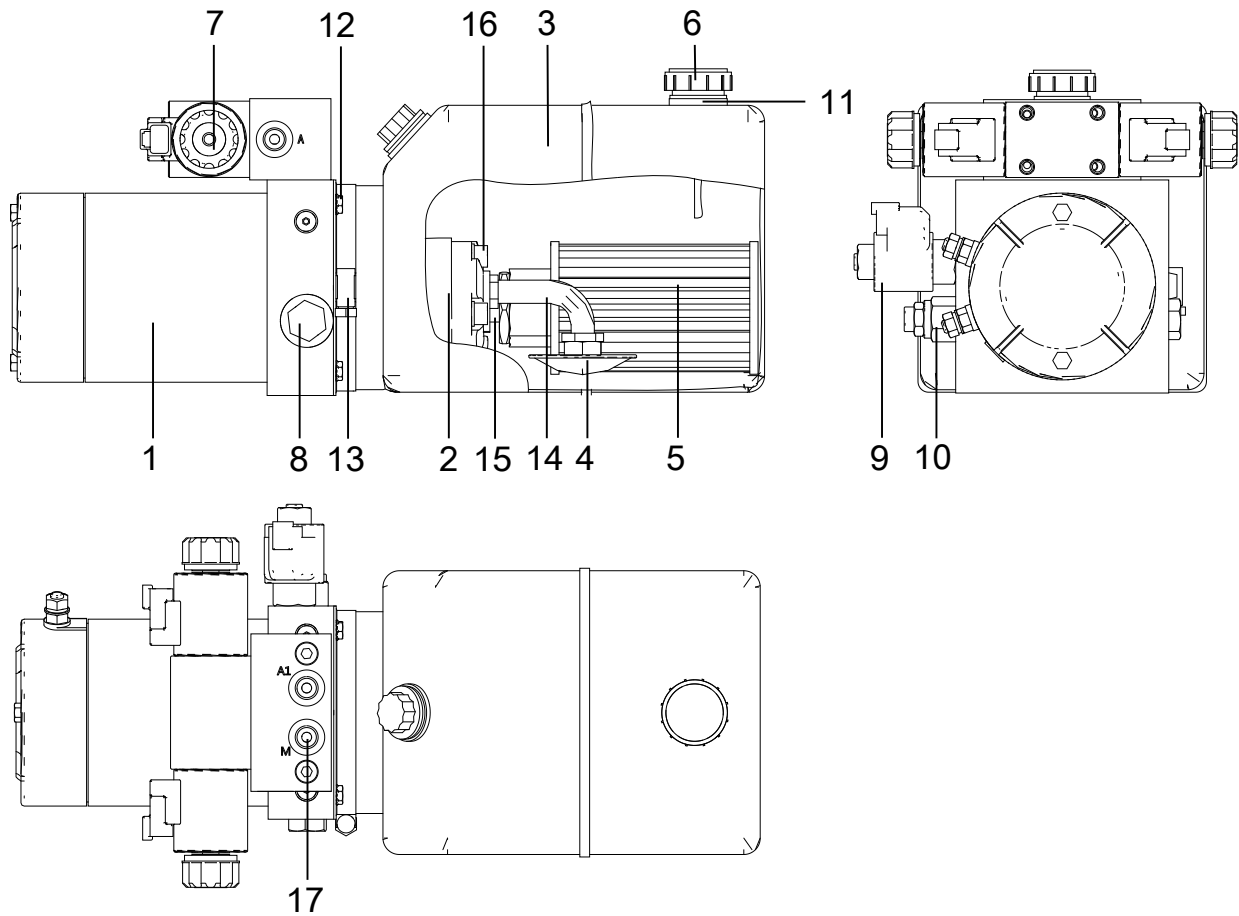
4 HYDRAULIC SYSTEM

4.1 POWER UNIT INSTALLATION



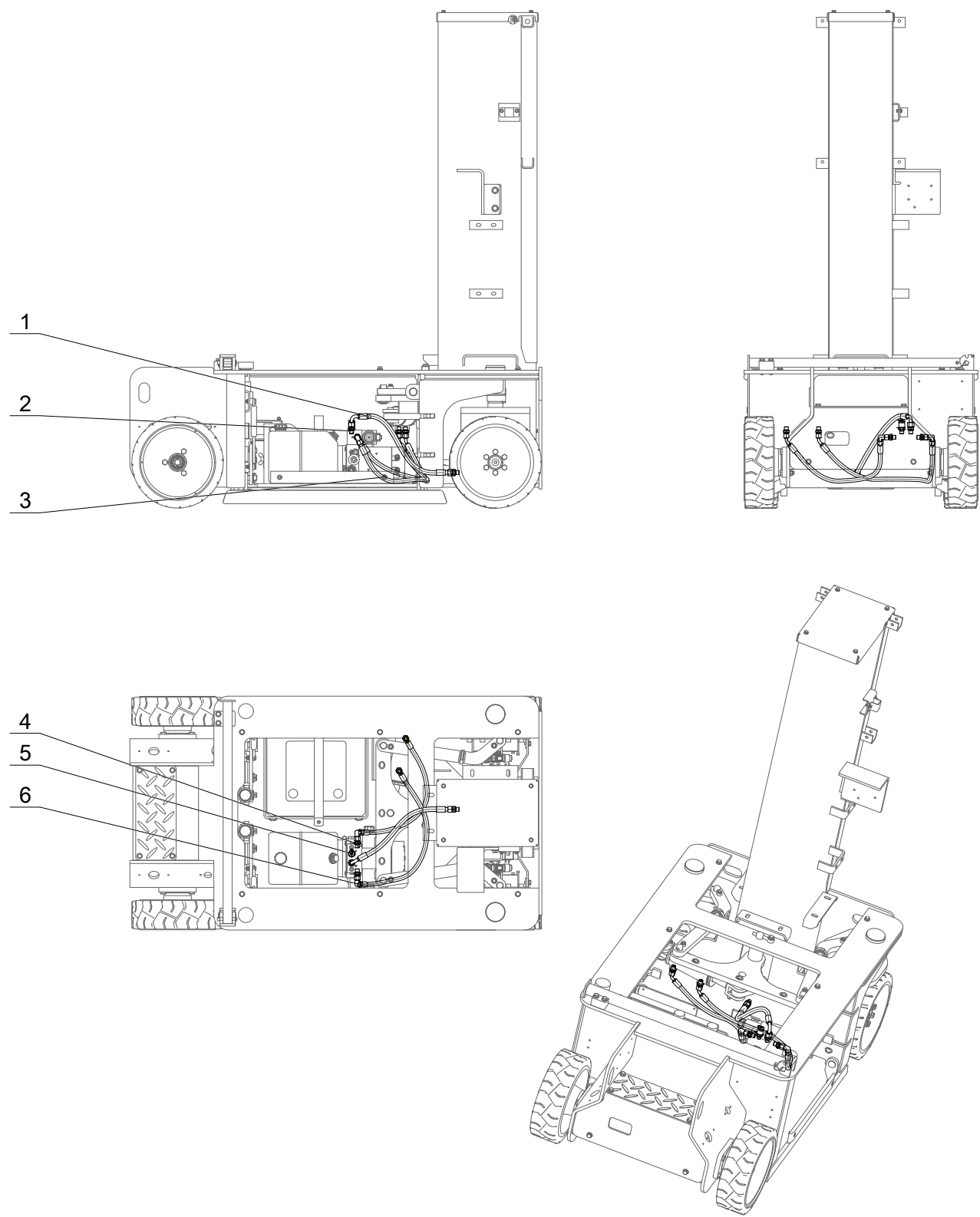
No.	Part No.	Qty.	Description
1	202010000051	1	Power unit
2	215020000274	2	Screw M10×20-8.8-ZnD GB/T 70.3

4.2 POWER UNIT (PN.202010000051)



No.	Part No.	Qty.	Description
1	203010003043	1	DC motor
1a	203990003016	1	Carbon brush
2	202990003113	1	Gear pump
4	202080003005	1	Filter screen
5	202990003133	1	Return filter, in-tank
6	202070003019	1	Air filter
7	201990003021	1	Solenoid directional valve, 3-position 4-way
8	202990003785	1	Check valve
9	202990003076	1	2-position 2-way solenoid valve
10	202990003784	1	Relief valve, direct-acting

4.3 HYDRAULIC TUBES LAYOUT

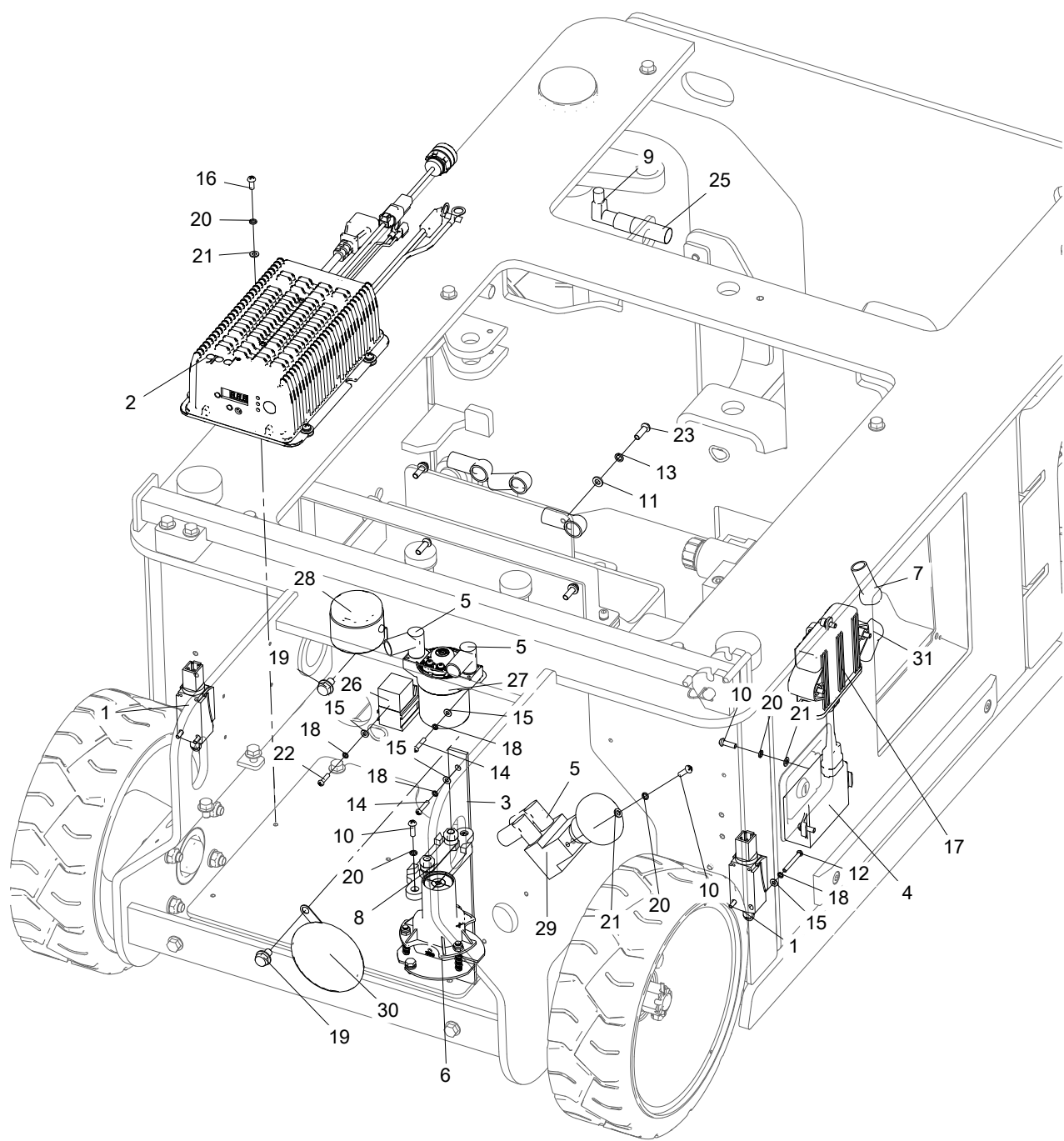


No.	Part No.	Qty.	Description
1	213050003270	1	Hose
2	213010000012	2	Coupler
3	213050013914	2	Hose
4	213010000007	4	Coupler
5	213010000010	1	Coupler
6	213010000024	2	Coupler

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5 ELECTRICAL SYSTEM

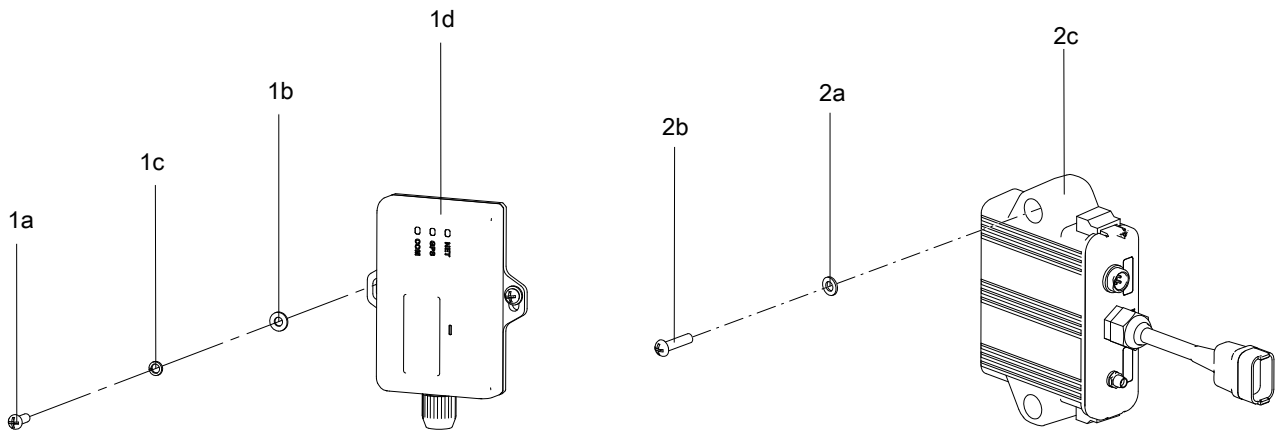
5.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	101058063003		Options, Limit switch, Pothole protection
1-1	203060003030	2	Travel switch(without Warning light)
1-2	203060003031	2	Travel switch(withWarning light)
2	101077063066		Charger ,options
2-1	203100003064	1	Charger(1000170, Lithium battery)
2-2	203100003059	1	Charger(1000170, Lead acid battery)
2-3	203100003078	1	Charger(1000799)
2-4	203190003019	1	Charger(1000853)
3	203160000004	1	Rubber conductive band
4	203030000014	1	Travel circuit protector
5	203080000004	4	PVC sheath
6	110002060036		Level switch ,options
7	203080000571	5	PVC sheath
8	203070000043	1	Fuse holder (with 275A fuse)
9	203080003741	1	Plug with cable
10	215020000111	6	Screw M5×16-A2-70 GB/T 818
11	215040000033	4	Washer 6-A2 GB/T 97.1
12	215020000212	4	Screw M4×35-A2-70 GB/T 818
13	215040000004	4	Washer 6-A2-70 GB/T 93
14	215020000107	3	Screw M4×20-A2-70 GB/T 818
15	215040000031	8	Washer 4-A2 GB/T 97.1
16	215020000110	4	Screw M5×12-A2-70 GB/T 818
17	101046063050		GPS options
18	215040000002	8	Washer 4-A2-70 GB/T 93
19	215010000233	2	Bolt M8×12-8.8-ZnD GB/T 5789
20	215040000003	10	Washer 5-A2-70 GB/T 93
21	215040000032	8	Washer 5-A2 GB/T 97.1
22	215020000106	1	Screw M4×16-A2-70 GB/T 818
23	215020000117	4	Screw M6×20-A2-70 GB/T 818
24	203020003230	1	Motor controller
25	203060000011	1	Proximity switch
26	203040000001	1	Relay
27	101040063172		Contactor selection
27-1	203040003016	1	Contactor(1000254)
27-2	203040000023	1	Contactor(1000077)
28	203050000002	1	Reverse buzzer
29	110002060035		Power switch options

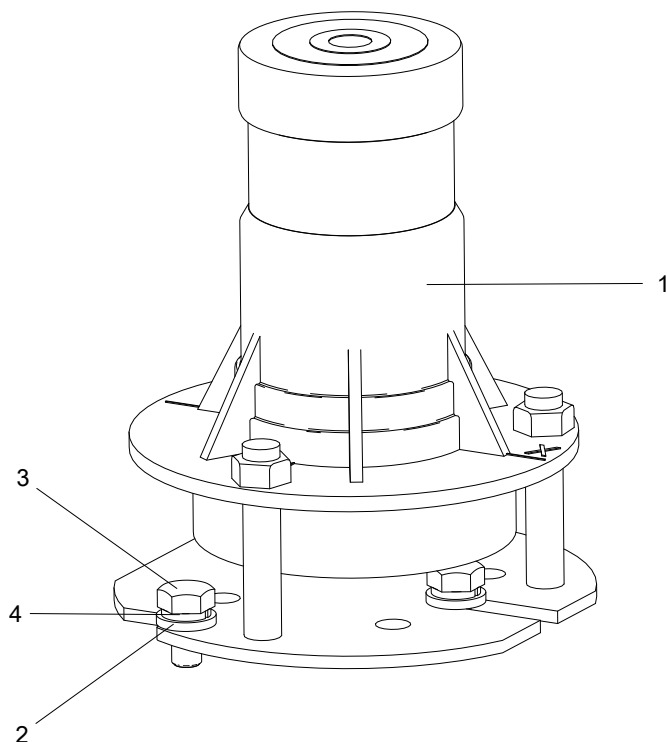
No.	Part No.	Qty.	Description
29-1	203060000024	1	Power switch
29-2	203060000124	1	Power switch(1000077)
30	203050000012	1	Electrical horn
31	203080000572	3	PVC sheath
32	101055063023		Charger cord and plug options

5.2 GPS OPTIONS



No.	Part No.	Qty.	Description
1	101042063006	1	GPS installation(1000577)
1a	215020000105	2	Screw M4×12-A2-70 GB/T 818
1b	215040000031	2	Washer 4-A2 GB/T 97.1
1c	215040000002	2	Washer 4-A2-70 GB/T 93
1d	203020003040	1	GPS module (4G)
1e	203150003022	1	GPS/LTE antenna(Not shown)
2	101014063060	1	GPS installation(Hornet Rentals)
2a	215040000032	2	Washer 5-A2 GB/T 97.1
2b	215020000112	2	Screw M5×20-A2-70 GB/T 818
2c	203150003042	1	T-BOX

5.3 LEVEL SENSOR OPTIONS

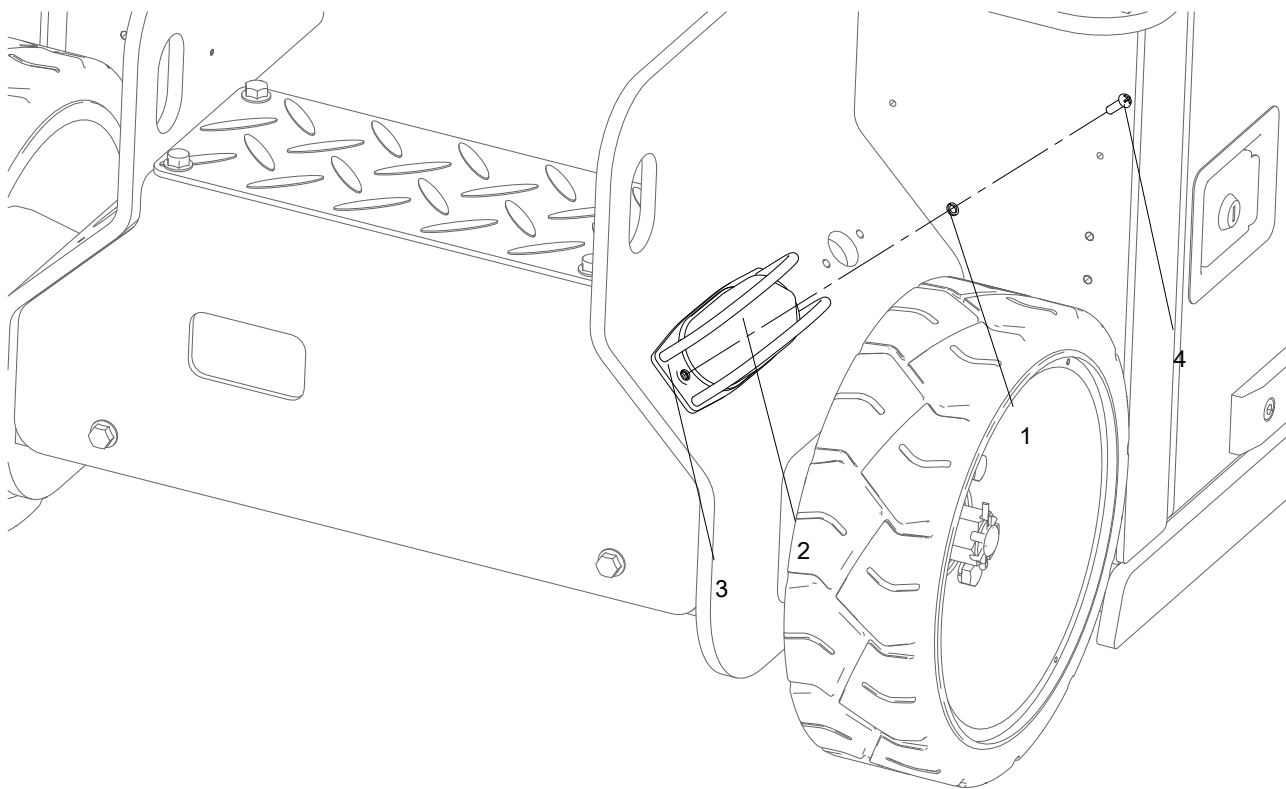


No.	Part No.	Qty.	Description
1-1	203060003142	1	Level switch(1000167)
1-2	203150000067	1	Level switch(1000177)
1-3	203150000066	1	Level switch(1000167)
2	215040000033	3	Washer 6-A2 GB/T 97.1
3	215010000049	3	Bolt M6×12-A2-70 GB/T 5783
4	215040000004	3	Washer 6-A2-70 GB/T 93

5.4 CHARGER PLUG CORD OPTIONS

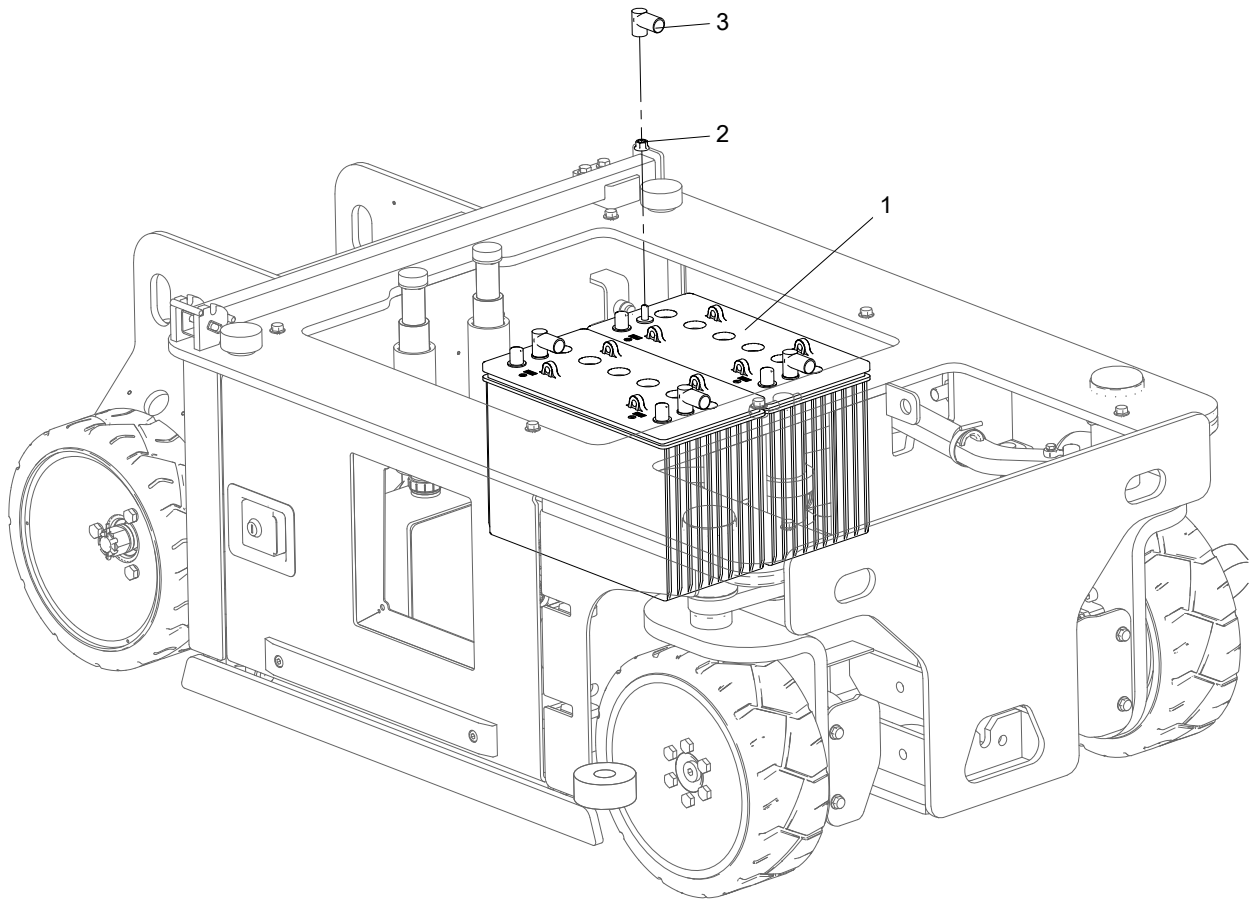
No.	Part No.	Qty.	Description
1	203080000177	1	Charger plug cable(Type E+F, European and Brazilian specs)
2	203080000319	1	Charger plug cable(Type L, South America specs)
3	203080003527	1	Charger plug cable(Japan-RIKEN (915A-125V))
4	203080000175	1	Charger plug cable(Type I, China and Australian specs)
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)

5.5 LED LIGHT OPTIONS



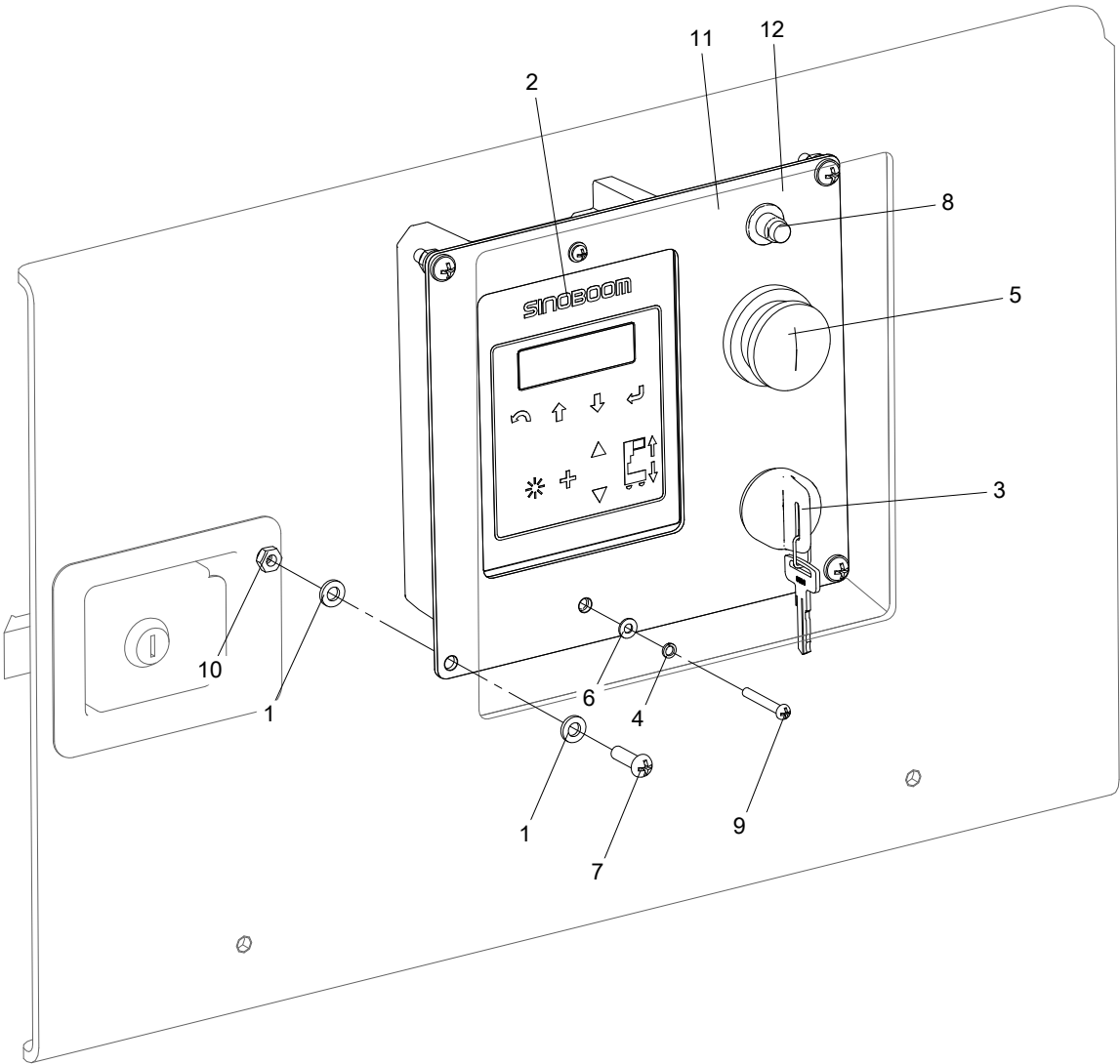
No.	Part No.	Qty.	Description
1	215040000003	2	Washer 5-A2-70 GB/T 93
2-1	203050000038	1	LED strobe light(Yellow)
2-2	203050003081	1	LED strobe light(Red)
3	203990000003	1	Dust cover
4	215020000111	2	Screw M5×16-A2-70 GB/T 818

5.6 BATTERIES INSTALLATION



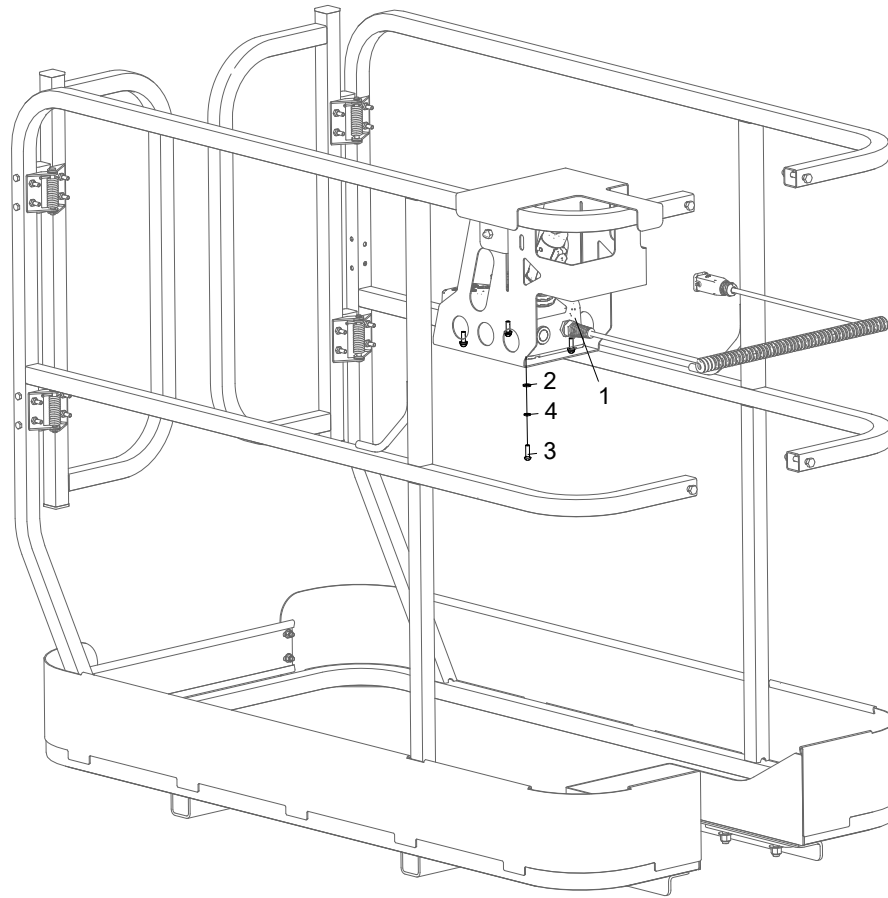
No.	Part No.	Qty.	Description
1	203100000048	2	Battery
2	215080000007	4	Hexagon flange nut 5/16-18UNC-GR8-DKL ASME B18.2.2
3	203080000004	4	PVC sheath

5.7 GROUND CONTROLLER INSTALLATION



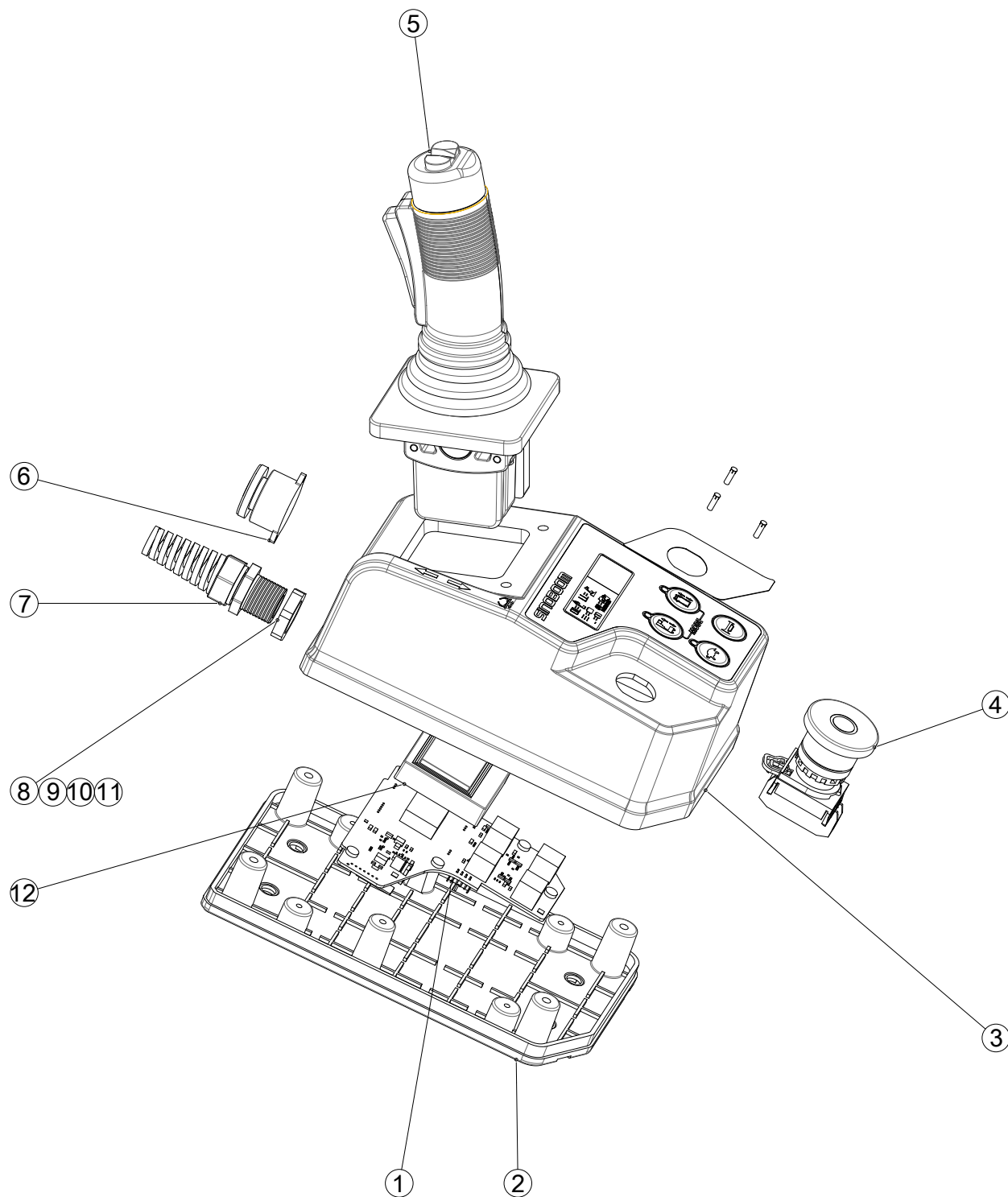
No.	Part No.	Qty.	Description
1	215040000033	8	Washer 6-A2 GB/T 97.1
2	203020003200	1	Main controller
3	101077063019		Key switch, options
3-1	203060000066	1	Key switch
3-2	203060003139	1	Key switch
4	215040000002	2	Washer 4-A2-70 GB/T 93
5	203060000142	1	Emergency stop switch
6	215040000031	2	Washer 4-A2 GB/T 97.1
7	215020000117	4	Screw M6×20-A2-70 GB/T 818
8	203160003001	1	Self-resetting fuse
9	215020000211	2	Screw M4×30-A2-70 GB/T 818
10	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
11	101058033013	1	Plate
12	101053063039	1	Surface film

5.8 PLATFORM CONTROLLER INSTALLATION



No.	Part No.	Qty.	Description
1	203020003198	1	Platform control box
2	215040000033	4	Washer 6-A2 GB/T 97.1
3	215010000281	4	Bolt M6×12-8.8-ZnD GB/T 5789
4	215040000004	4	Washer 6-A2-70 GB/T 93

5.9 PLATFORM CONTROL BOX (PN.203020003198)



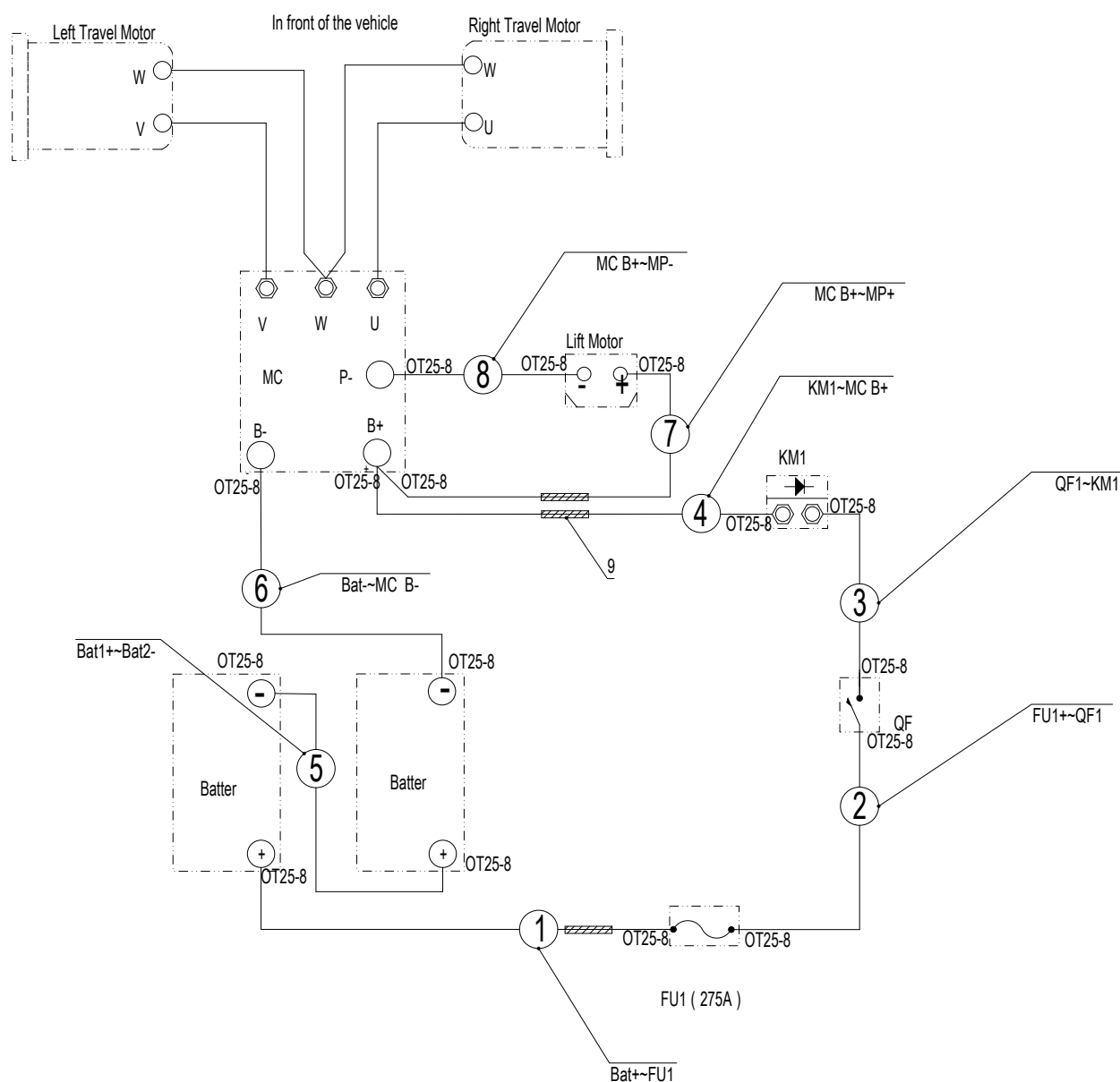
No.	Part No.	Qty.	Description
1	203030003029	1	Motherboard assembly
2	203060003126	1	Lower housing
3	203060003153	1	Upper housing
4	203060003049	1	Emergency stop switch
5	203090003003	1	Joystick
6	201051063036	1	Buzzer assembly
7	203060003141	1	Button and harness assembly
8	203060003133	1	Retaining nut GM-FS NPT 1.262.1201.70
9	203060003128	1	Rubber button
10	203080003429	1	5-pin spiral cable assembly
11	203080003629	1	7-pin plug assembly
12	203060003129	1	Transparent PC lens

[illegible]

No.	Part No.	Qty.	Description
	110002060022	1	Chassis harness
1	203080000012	2	Sheath
2	203080000032	2	Lock
3	203080000041	39	Female connector
4	203080000024	12	Sheath
5	203080000016	12	Lock
6	203080000020	2	Lock
7	203080000044	2	Sheath
8	203080000068	7	Blind plug
9	203080000018	2	Ring tongue terminal
10	203080000030	1	Heat shrink tube
11	203080000295	55	Plastic plug
12	203080000134	5	Terminal, blade-hole type
13	203080000036	2	Cold-pressed terminal
14	203080000430	2	AMP Connector (35-pin)
15	203080000433	29	Terminal
16	203080000348	1	Connector
17	203080000355	5	Socket
18	203080000354	1	Cover
19	203080000350	1	Connector
20	203040000038	1	Relay mount
21	203080000336	4	Terminal
22	203080000259	1	MOLEX Connector
23	203080000584	9	Terminal
24	203080000335	1	Sheath
25	203080000029	1	Cable
26	203080000047	3	Cable
27	203080000248	77	Cable
28	203080000308	25	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

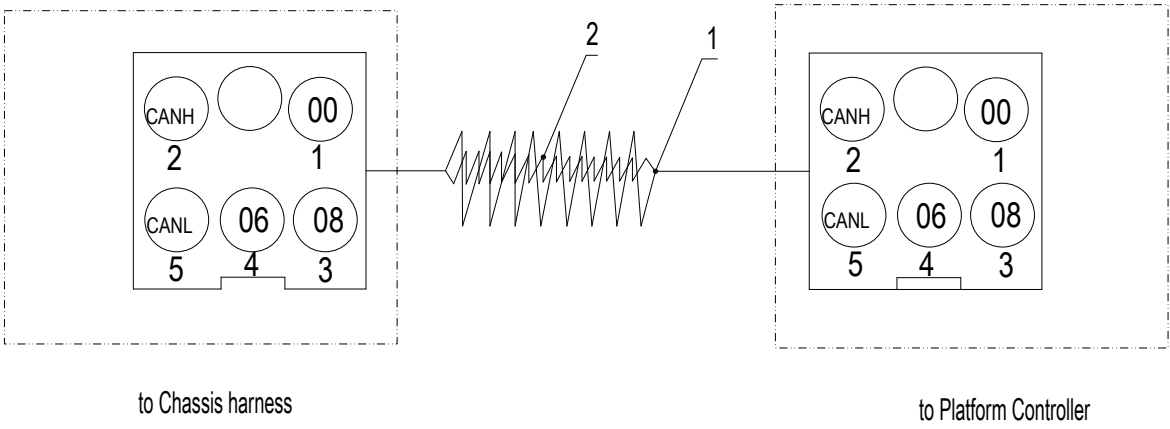
No.	Part No.	Qty.	Description
38	203080000133	1	Terminal, blade-hole type
39	203080000200	2	Terminal
40	203080000039	2	Ring tongue terminal
41	203080003050	1	5-pin cable
42	203080000474	2	Waterproof cover
43	203080003532	1	Sheath
44	203080003533	1	Lock
45	203060000085	7	#20 female terminal
46	203080000431	1	AMP connector (14-pin)
47	203080000085	5	Blind plug
48	203080000100	1	Sheath
49	203080000112	1	Lock
50	203080003219	1	Waterproof cover
51	203080000651	2	Male tab
52	203080000652	1	Insert spring
53	203070003007	1	Fuse box (for harness)

5.11 ELECTRICAL POWER WIRING LAYOUT (PN.110002060025)



No.	Part No.	Qty.	Description
	110002060025	1	Electrical power wiring layout
1	203230003249	1	Power line
2	203230001037	1	Power line
3	203230001038	1	Power line
4	203230003248	1	Power line
5	203230001040	1	Power line
6	203230001041	1	Power line
7	203230001042	1	Power line
8	203230001043	1	Power line
9	203080003048	3	Corrugated pipe

5.12 GROUND TO PLATFORM HARNESS (PN.110002060024)

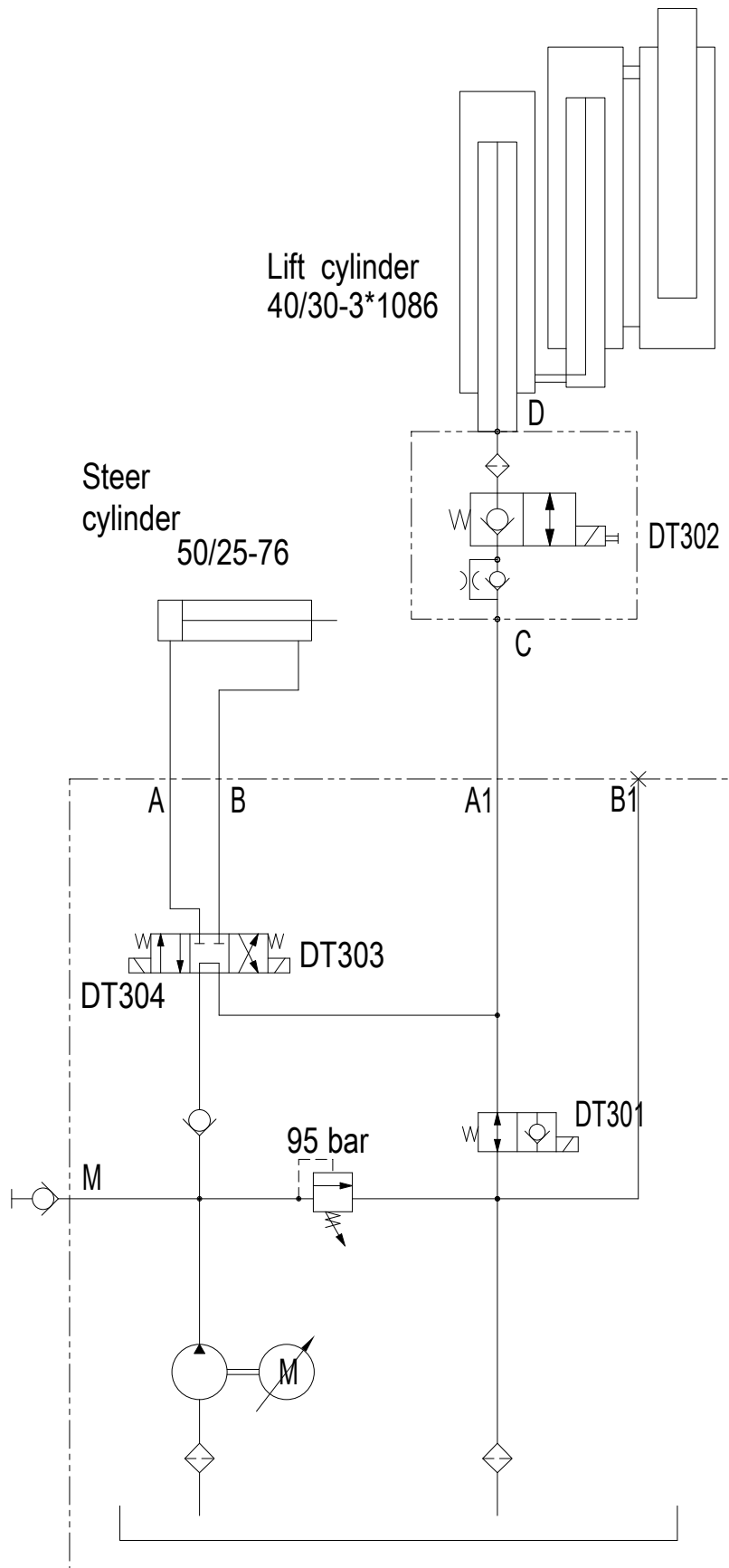


No.	Part No.	Qty.	Description
	110002060024	1	Ground to platform harness
1	203080003712	1	Spiral line
2	203080003713	1	Spiral guide line

6 SCHEMATIC DIAGRAM

6.1 HYDRAULIC SCHEMATIC DIAGRAM

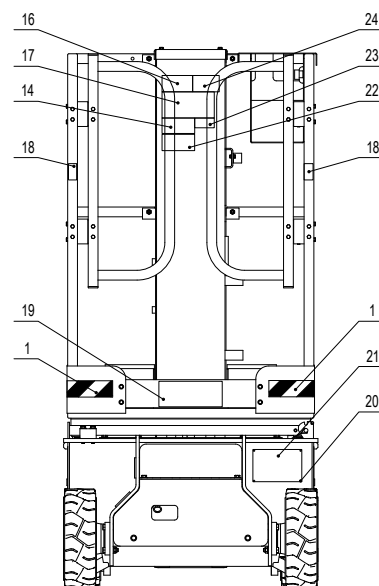
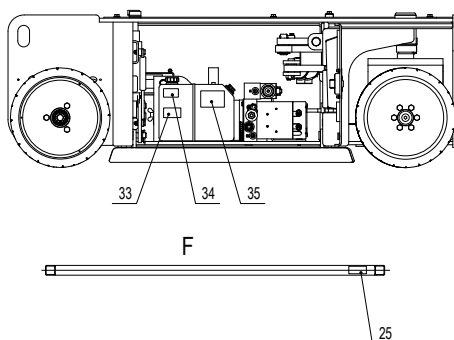
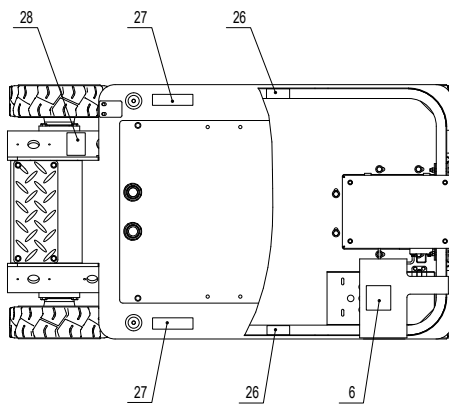
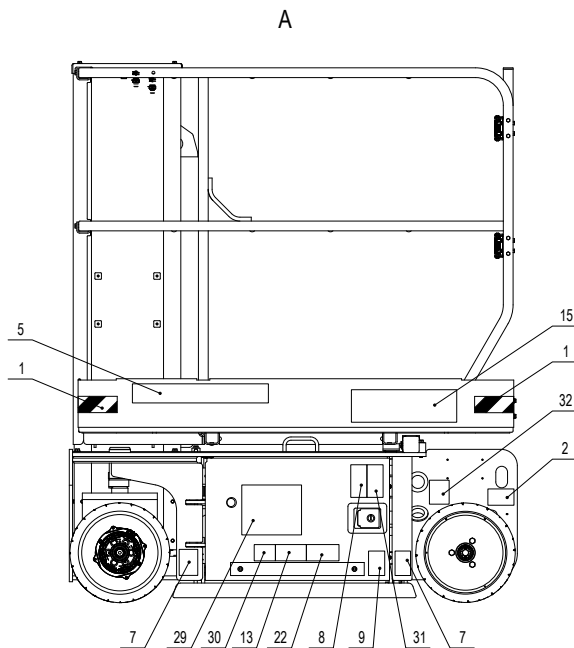
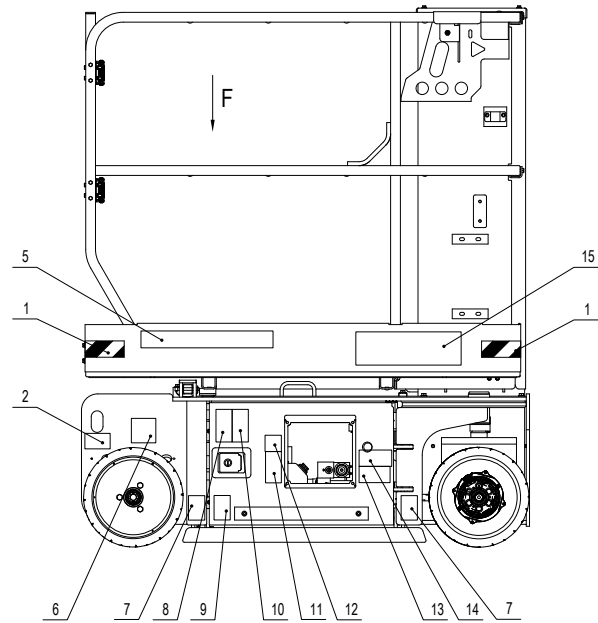
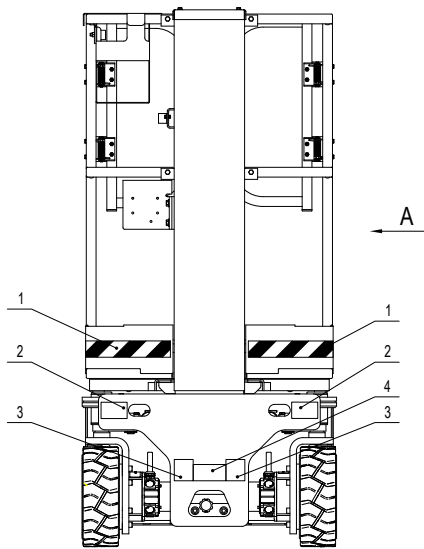
Hydraulic Schematic Diagram



6.2 ELECTRICAL SCHEMATIC DIAGRAM

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7 DECALS DIAGRAM



No.	CE-Metric	CE-Imperial	Note	Qty.
	110002100005	110002100004	General diagram of decals positions	1
1	216060000004	216060000004	Yellow & black hazard warning stripe tape (50mm wide)	2
2	101079103010	101079103010	Decal-Lifting point and lashing point	4
3	110002100010	110002100010	Decal-Release braking	2
4	110001100003	110001100003	Decal-Emergency lowering	1
5	101040103021	101040103021	LOGO-SINOBOOM	2
6	104011100016	104011100016	Decal-Emergency stop button	2
7	110002100013	110002100013	Decal-Tire-to-ground load of 260kg	4
8	101038100008	101038100008	Decal-No smoking or fire	2
9	101014100013	101014100013	Decal-Crushing hazard	2
10	101038100002	101038100002	Decal-High pressure hazard	1
11	101040100002	101040100002	Decal-Read manuals	1
12	110001100008	110001100008	Decal-Lifting points	1
13	101012100008	101012100008	Decal-Tipping hazard	2
14	110001100010	110001100010	Decal-Electrocution hazard	2
15	110002100001	110002100002	Decal-Trade ID	2
16	101040100005	101040100005	Decal-Read manuals	1
17	110002100011	110002100011	Decal-Requirements of use	1
18	101086103013	101086103013	Decal-Crushing hazard	2
19	110002100012	110002100012	Decal-Requirements of use	1
20	215050000012	215050000012	Blind rivet 4×8-ZnD GB/T 12618.2	4
21	110002100008	110002100008	Nameplate-UKCA&CE	1
22	110002100024	110002100024	Decal-Tipping hazard	2
23	103010103014	103010103014	Decal-Non-insulated	1
24	101040100009	101040100009	Decal-Tipping hazard	1
25	103006103014	103006103014	Decal-Anchor point	2
26	101079103029	101079103029	Decal-Hand-hold position	2
27	101014100032	101014100032	Decal-Serial number	2
28	110002100014	110002100014	Decal-Platform power plug	1
29	101040103023	101040103023	Decal-Large logo in white	1
30	101040103018	101040103018	Decal-Battery weight 66kg	1
31	101038100007	101038100007	Decal-Electrocution hazard	1
32	110001100005	110001100005	Decal-Charging voltage	1
33	104011100003	104011100003	Decal-Hydraulic oil level	1

No.	CE-Metric	CE-Imperial	Note	Qty.
34	104011100010	104011100010	Decal-Hydraulic oil level	1
35	101014100022	101014100022	Decal-Hydraulic oil filler	1

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