

Part No.502013120002

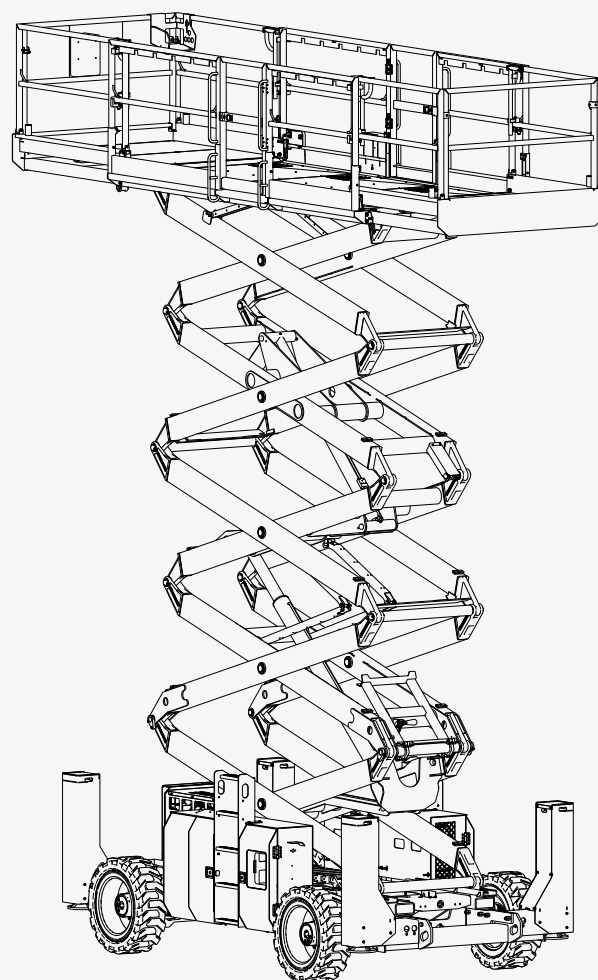
Rev: B

Mar 2022

Parts Manual

1323RD/4389RD

1623RD/5389RD



ANSI AS/NZS S EAC GB

SINOBOOM

 **WARNING**

Operating, servicing and maintaining this vehicle or equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, 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 follow your nation regulation.

APPLICATION

Use the following table to identify the specific serial number for models included in this manual. Check the model of your machine before consulting the manual, and then use the correct manual according to the serial number of the model. See the nameplate on your machine to identify the model and serial number. (See **Decals** of this manual for details.)

MODELS	Trade identification		SERIAL NO.
	Metric	Imperial	
1323RD	1323RD	4389RD	From 0201200100 to present
1623RD	1623RD	5389RD	From 0201300109 to present

NOTE:

- Product model is applied in product nameplate for distinction of products of different main parameters.
- Product trade identification is applied in marketing and machine decals for distinction of products of different main parameters, and can be classified as metric type and imperial type: The metric type of trade identification is applicable to machines for countries/regions using metric system or as specially required by customers; The imperial type of trade identification is applicable to the machines for countries/regions using imperial system or as specially required by customers.

STATEMENTS

Hunan Sinoboom Intelligent Equipment Co., Ltd. (Hereinafter referred to as Sinoboom) will upload the latest product manual information to the website www.sinoboom.com as soon as possible. However, due to continuous product improvement, the information in this manual is subject to change without prior notice.

This manual covers the basic parts information of one or more products. Therefore, please use this manual according to your needs. If you find problems in the manual or have suggestions for improvement, feel free to share your feedback with Sinoboom, and we will address these issues as soon as possible.

Feel free to consult and download the *Operation Manual*, *Maintenance Manual* and *Parts Manual* of the products you need online at www.sinoboom.com.

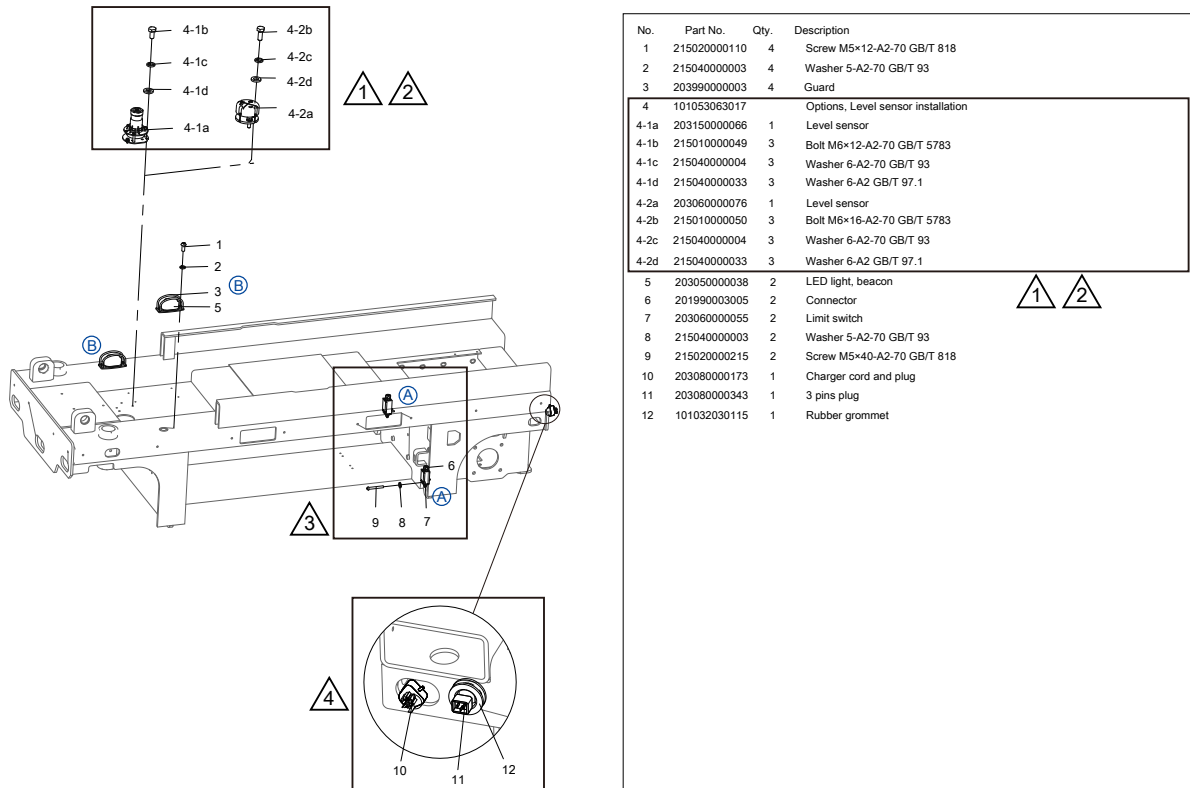
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GENERAL INFORMATION



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 options (one multiple choice), such as choose 4-1 and 4-2 according to specific needs.
- △2 Add "lowercase a, b, c..." after the number to indicate by a variety of components, such as 4a, 4b, 4c and 4d composition 4.
- △3 "A,B,C..." in figure indicates the same parts in many places, and the same place 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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INTRODUCTION

Thank you for choosing and using the machinery of Hunan Sinoboom Intelligent Equipment Co., Ltd. Always read, understand and become familiar with the operation requirements of the machine and its associated safety procedures before operating, maintaining and repairing the machine. Operating the machine without becoming familiar with its specific operation requirements and safety procedures poses serious risks. Operators who follow safety rules and operate the machine carefully and effectively will prevent personal injury, property loss and accidents.

The information contained in this manual is designed to aid the user in locating and identifying replacement parts. Component parts of various assemblies and sub-assemblies are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly or assembly order.

This product uses the latest technology and the highest quality components. 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.

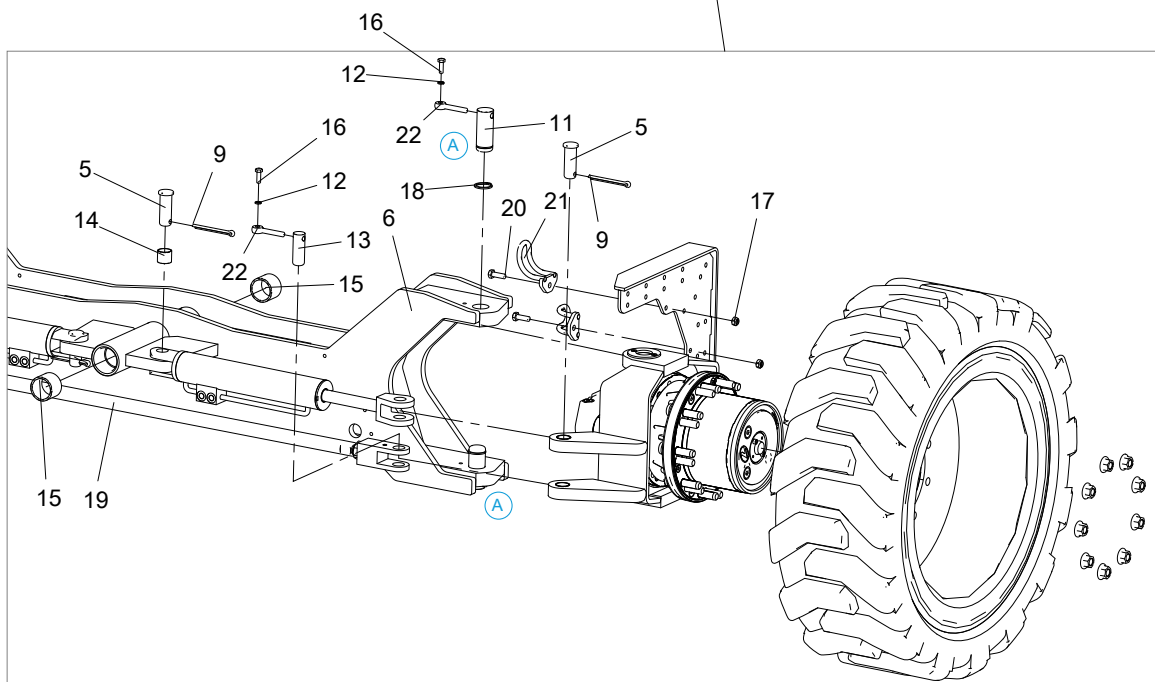
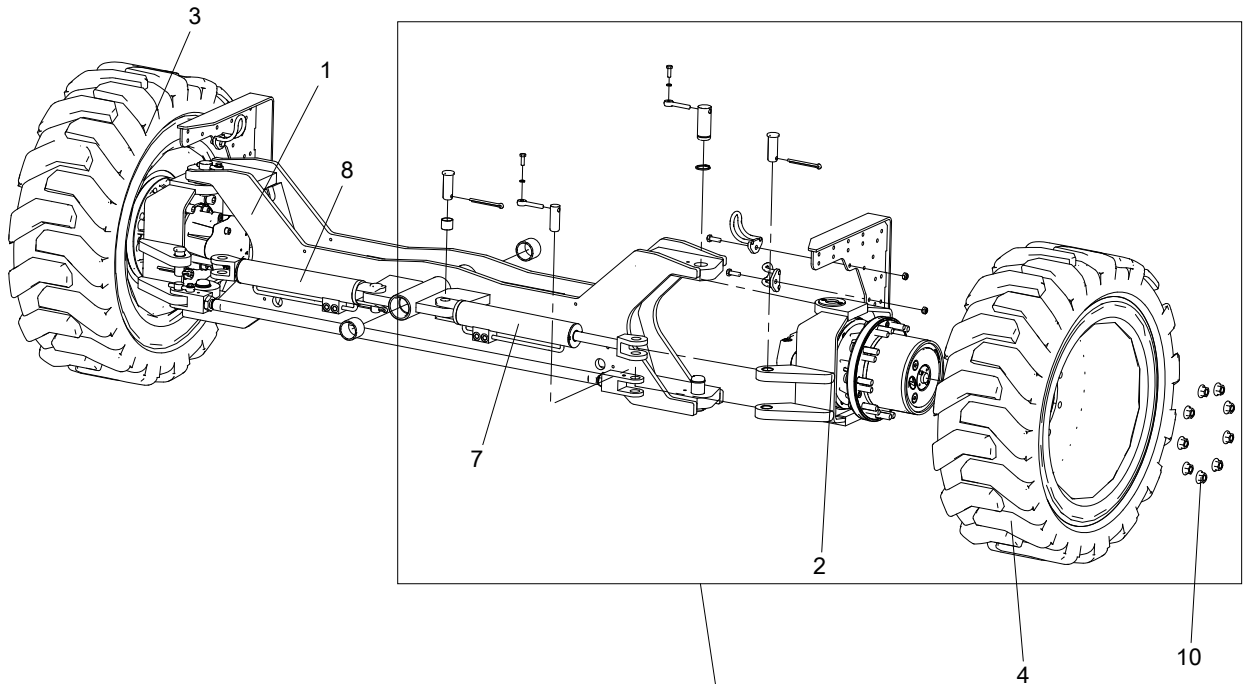
Consider this manual a part of the machine, along with *Operation Manual* and *Maintenance Manual*, and always keep the manuals with the machine. The owner or administrator of the machine shall offer all manuals and other necessary information provided by the machine manufacturer regarding the daily inspection and maintenance to each of the renters. If the machine is sold, the owner or administrator must pass along the manuals and other necessary information to the purchaser. The owner or administrator of the machine shall also provide the manufacturer's maintenance information to the person responsible for maintaining the machine.

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

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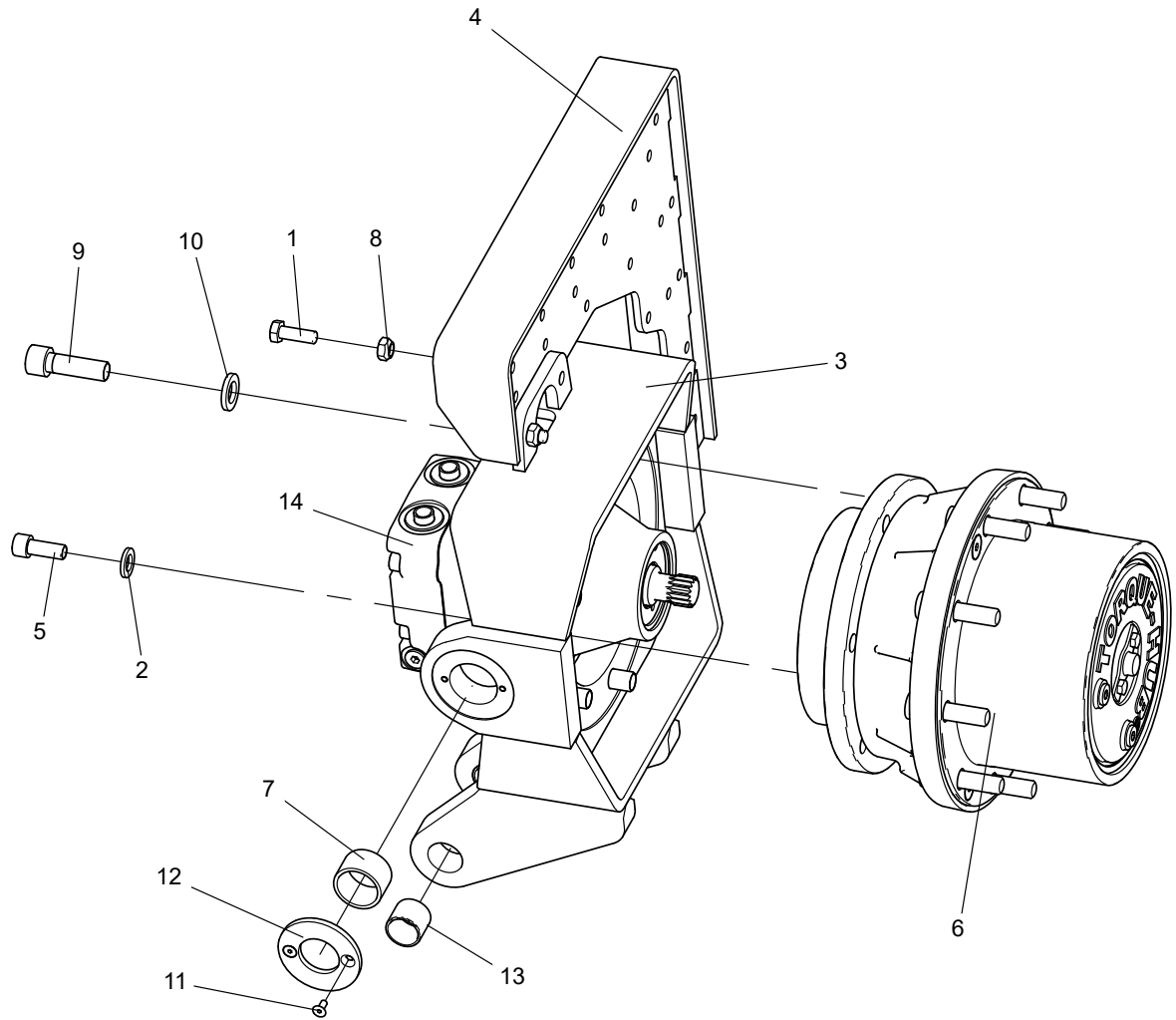
1 CHASSIS COMPONENTS

1.1 FRONT STEER OUTRIGGER INSTALLATION



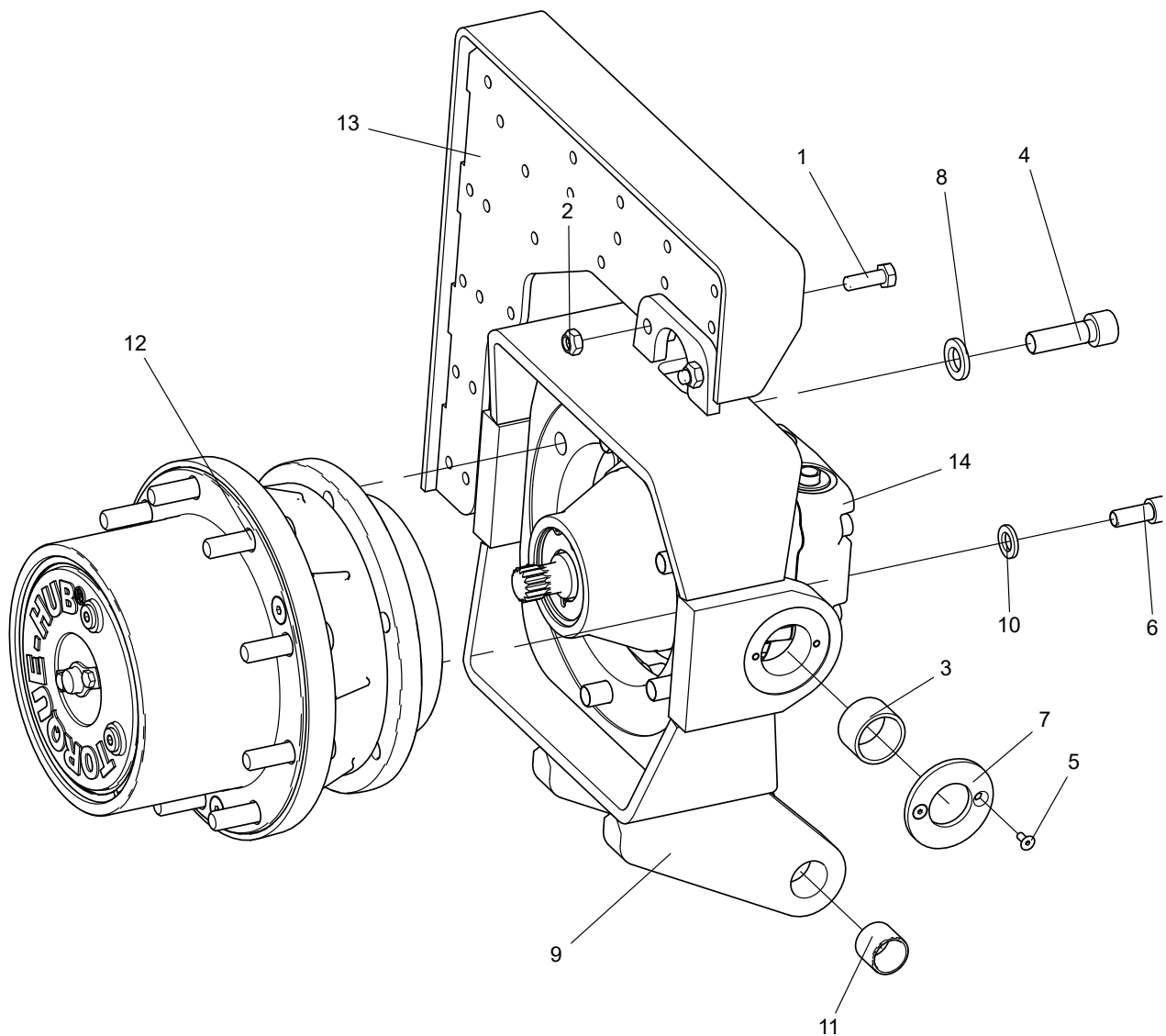
No.	Part No.	Qty.	Description
1	102001030034	1	FL reducer installation(See FL REDUCER INSTALLATION)
2	102001030036	1	FR reducer installation(See FR REDUCER INSTALLATION)
3	104009030014		Left tire options(See TIRE ASSEMBLY)
3-1	104009030020	1	Tire, solid, left
3-2	104021030010	1	Left non-marking tire and wheel assembly
3-2	104020030004	1	Tire assembly, foam-filled, left
3-4	104021033018	1	Left tire and wheel assembly, non-marking, foam filled
4	104009030016		Right tire options(See TIRE ASSEMBLY)
4-1	104009030013	1	Tire assembly, solid, right
4-2	104020030003	1	Tire assembly, foam-filled, right
4-2	104021030011	1	Right non-marking tire and wheel assembly
4-4	104021033020	1	Right tire and wheel assembly, non-marking, foam filled
5	102001030018	4	Clevis pin XJΦ25-75
6	102001030026	1	Weldment, front outrigger
7	102001030218	1	Cylinder, steer right(A)
7a	207990003175	1	Seal kit, cylinder
8	102001050003	1	Steer cylinder, LH(B)
8a	207990003175	1	Seal kit, cylinder
9	215060000017	4	Cotter pin 8×80-ZnD GB/T 91
10	215030000063	18	Nut M16×1.5-10-DKL DTF 6177.2
11	102001030015	4	Pin XGΦ35-90
12	215040000005	6	Washer 8-ZnD GB/T 93
13	102004030217	2	Pin ZGΦ25-70
14	214030000035	2	Bearing, self-lubricating
15	214030000092	2	Bearing, self-lubricating
16	215010000058	6	Bolt M8×25-8.8-ZnD GB/T 5783
17	215030000027	4	Nut M10-8-ZnD GB/T 6184
18	215040000124	4	Retaining ring 35-DKL JB/ZQ 4342
19	102001030020	1	Steer linkage
20	215010000071	4	Bolt M10×30-8.8-ZnD GB/T 5783
21	102001030226	4	Cable holder
22	101012010044	6	Keeper pin

1.2 FL REDUCER INSTALLATION



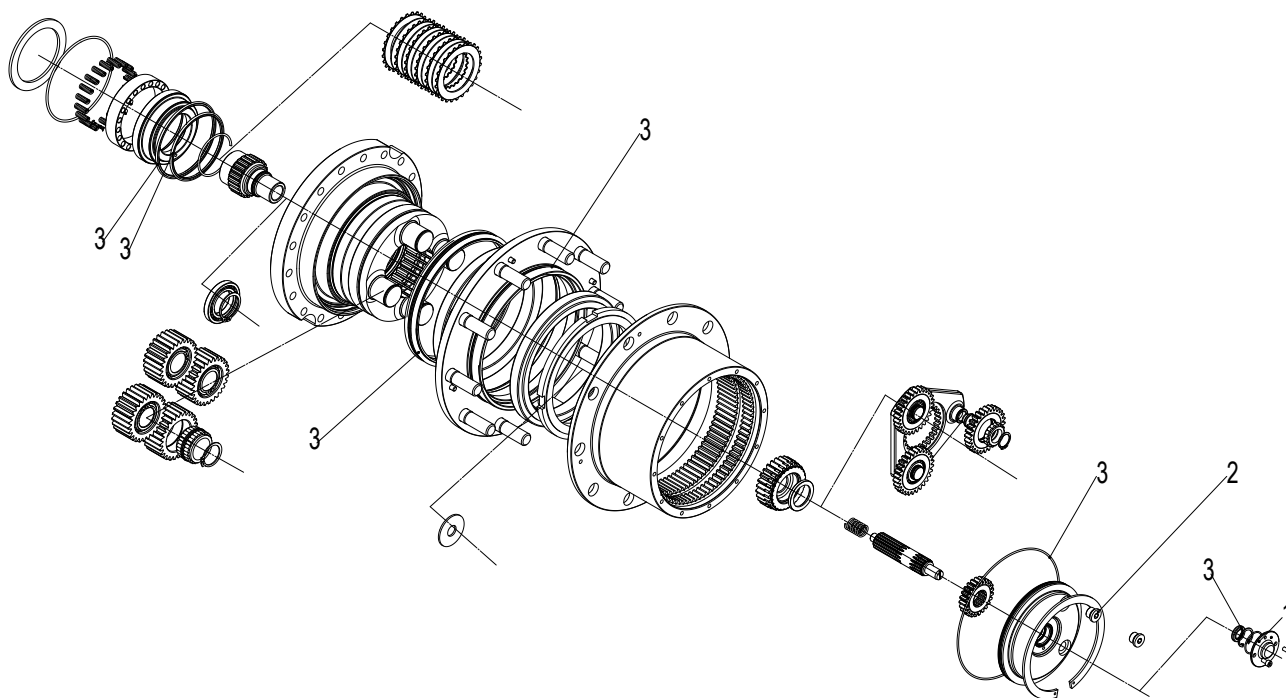
No.	Part No.	Qty.	Description
1	215010000071	2	Bolt M10×30-8.8-ZnD GB/T 5783
2	215040000051	2	Washer 12-DKL GB/T 1230
3	102001030017	1	Steer disc, left
4	102001030030	1	Guard plate, LH
5	215020000074	2	Screw M12×30-10.9-DKL GB/T 70.1
6	105001030100		Options, Reducer
6-1	204020000026	1	Reducer(1000138)
6-2	204020000036	1	Planetary reducer(1000154)
7	214030000046	2	Bushing, self-lubricating
8	215030000027	2	Nut M10-8-ZnD GB/T 6184
9	215020000085	6	Screw M16×50-10.9-DKL GB/T 70.1
10	215040000052	6	Washer 16-DKL GB/T 1230
11	215020000261	4	Screw M5×12-8.8 GB/T70.3
12	216030000008	2	Thrust shim
13	214030000035	2	Bearing, self-lubricating
14	202020000024	1	Drive motor
14a	207990003104	1	Seal kit, drive motor

1.3 FR REDUCER INSTALLATION



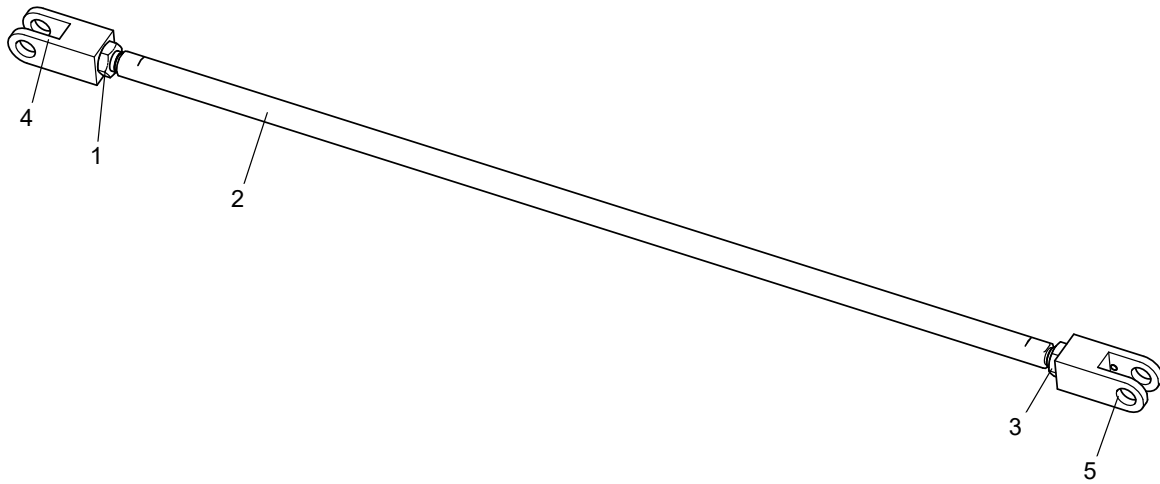
No.	Part No.	Qty.	Description
1	215010000071	2	Bolt M10×30-8.8-ZnD GB/T 5783
2	215030000027	2	Nut M10-8-ZnD GB/T 6184
3	214030000046	2	Bushing, self-lubricating
4	215020000085	6	Screw M16×50-10.9-DKL GB/T 70.1
5	215020000261	4	Screw M5×12-8.8 GB/T70.3
6	215020000074	2	Screw M12×30-10.9-DKL GB/T 70.1
7	216030000008	2	Thrust shim
8	215040000052	6	Washer 16-DKL GB/T 1230
9	102001030033	1	Connection disc, steer right
10	215040000051	2	Washer 12-DKL GB/T 1230
11	214030000035	2	Bearing, self-lubricating
12	105001030100		Options, Reducer
12-1	204020000026	1	Reducer(1000138)
12-2	204020000036	1	Planetary reducer(1000154)
13	102001030037	1	Guard plate, RH
14	202020000024	1	Drive motor
14a	207990003104	1	Seal kit, drive motor

1.4 DRIVE REDUCER, DC (PN.204020000026)



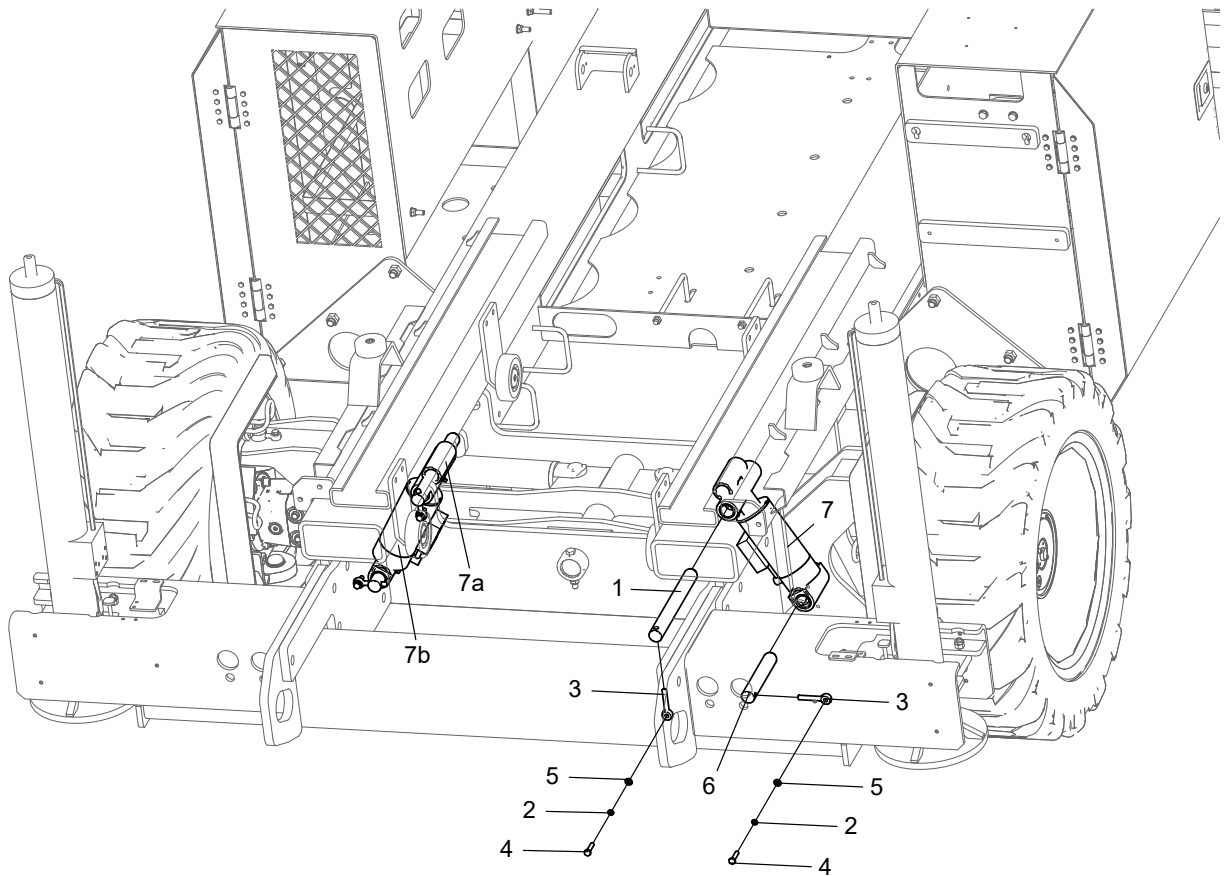
No.	Part No.	Qty.	Description
1	201990003020	1	End cap, small
2	207080003000	2	Oil plug
3	207060003012	1	Seal kit

1.5 STEER LINKAGE



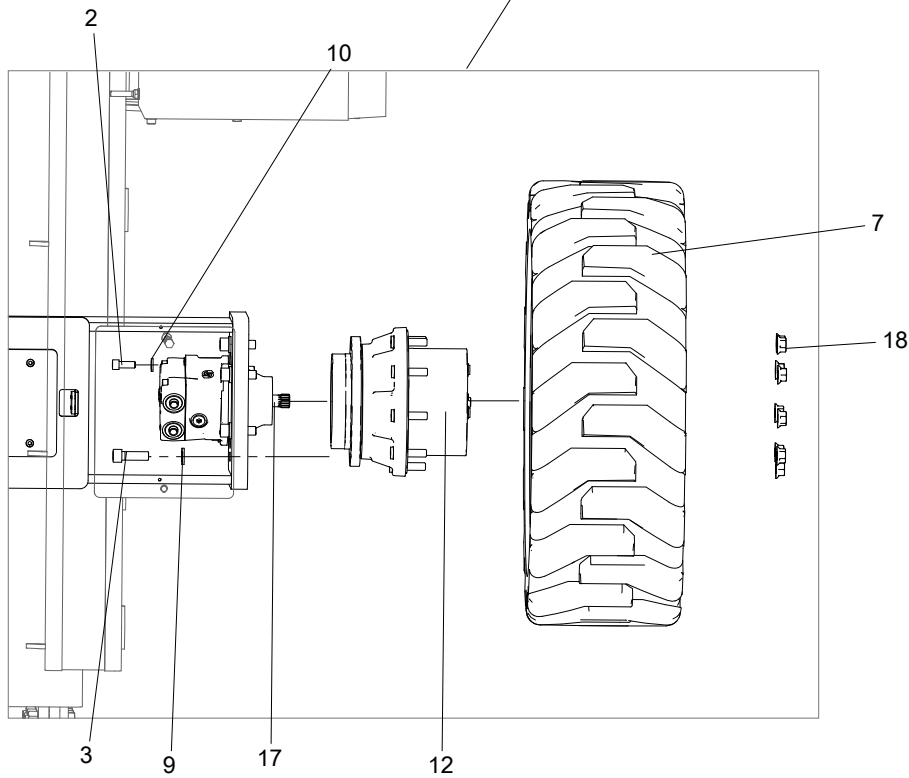
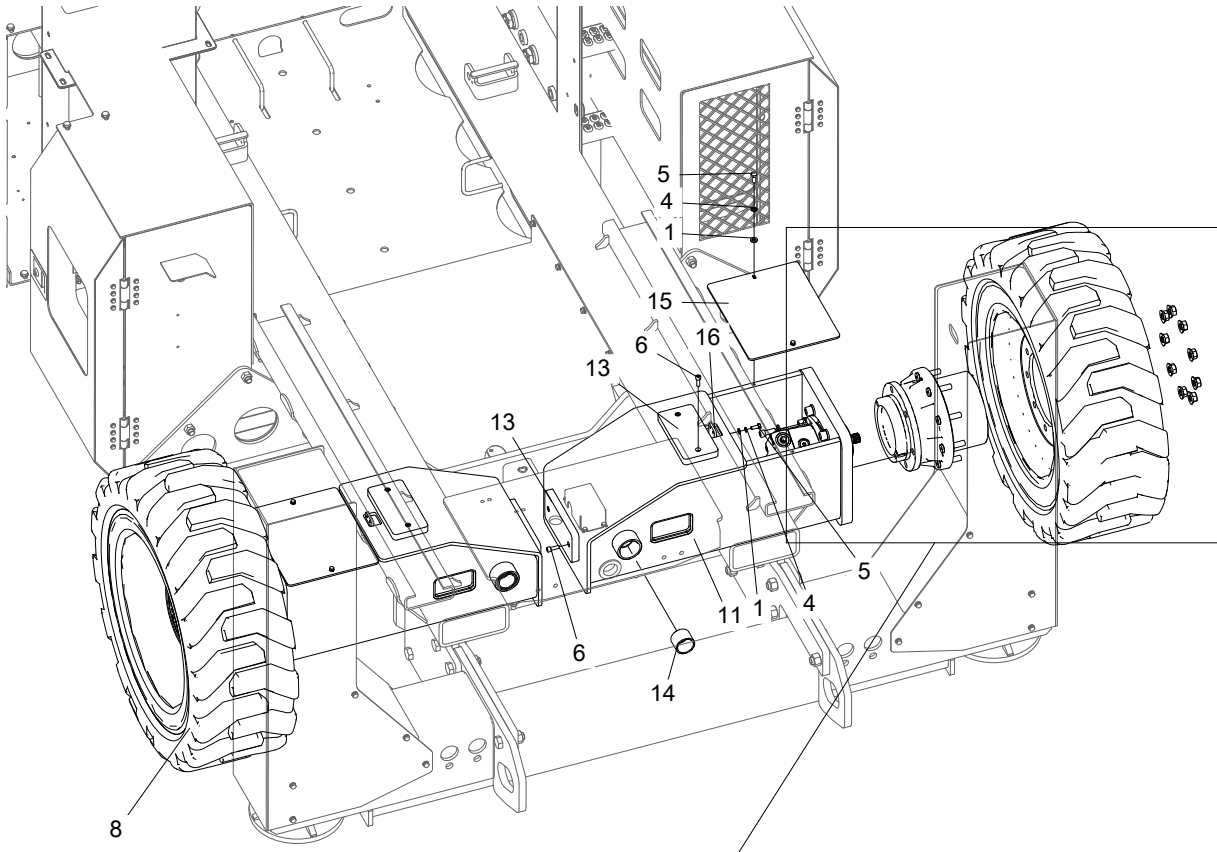
No.	Part No.	Qty.	Description
1	215030000076	1	Nut M24×2-8 GB/T6173
2	102001030028	1	Connecting rod
3	215030000077	1	Nut M24×2-8 left GB/T6173
4	102004030194	1	Mounting head 1
5	102004030191	1	Mounting head 2

1.6 OSCILLATE CYLINDER INSTALLATION



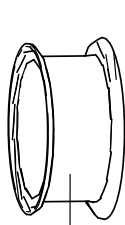
No.	Part No.	Qty.	Description
1	102001030153	2	Pin XGΦ30-280
2	215040000005	4	Washer 8-ZnD GB/T 93
3	101012010044	4	Keeper pin
4	215010000060	4	Bolt M8×35-8.8-ZnD GB/T 5783
5	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
6	102001030154	2	Pin XGΦ30-180
7	102001030156	2	Oscillate cylinder
7a	102001030148	1	Safety arm
7b	102001050005	1	Oscillate cylinder

1.7 REAR WHEEL INSTALLATION



No.	Part No.	Qty.	Description
1	215040000033	8	Washer 6-A2 GB/T 97.1
2	215020000074	4	Screw M12×30-10.9-DKL GB/T 70.1
3	215020000085	12	Screw M16×50-10.9-DKL GB/T 70.1
4	215040000004	8	Washer 6-A2-70 GB/T 93
5	215010000050	8	Bolt M6×16-A2-70 GB/T 5783
6	215020000024	8	Screw M8×25-8.8-ZnD GB/T 70.1
7	104009030016		Right tire options(See TIRE ASSEMBLY)
7-1	104009030013	1	Tire assembly, solid, right
7-2	104020030003	1	Tire assembly, foam-filled, right
7-3	104021030011	1	Right non-marking tire and wheel assembly
7-4	104021033020	1	Right tire and wheel assembly, non-marking, foam filled
8	104009030014		Left tire options(See TIRE ASSEMBLY)
8-1	104009030020	1	Tire, solid, left
8-2	104020030004	1	Tire assembly, foam-filled, left
8-3	104021030010	1	Left non-marking tire and wheel assembly
8-4	104021033018	1	Left tire and wheel assembly, non-marking, foam filled
9	215040000052	12	Washer 16-DKL GB/T 1230
10	215040000051	4	Washer 12-DKL GB/T 1230
11	102001030002	2	Rear outrigger
12	105001030100		Options, Reducer
12-1	204020000026	2	Reducer(1000138)
12-2	204020000036	2	Planetary reducer(1000154)
13	102001030008	4	Pad
14	214030000092	4	Bearing, self-lubricating
15	102001030001	2	Cover
16	102001030252	2	Plate
17	202020000024	2	Drive motor
17a	207990003104	1	Seal kit, drive motor
18	215030000063	18	Nut M16×1.5-10-DKL DTF 6177.2

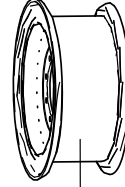
1.8 TIRE ASSEMBLY



2a



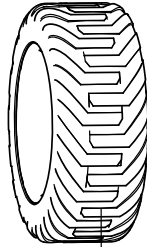
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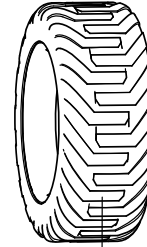
1a



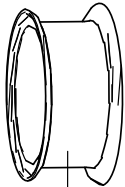
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4



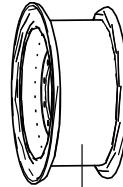
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6a



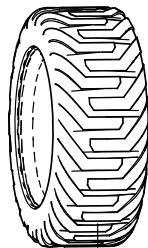
6b



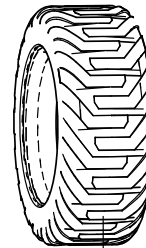
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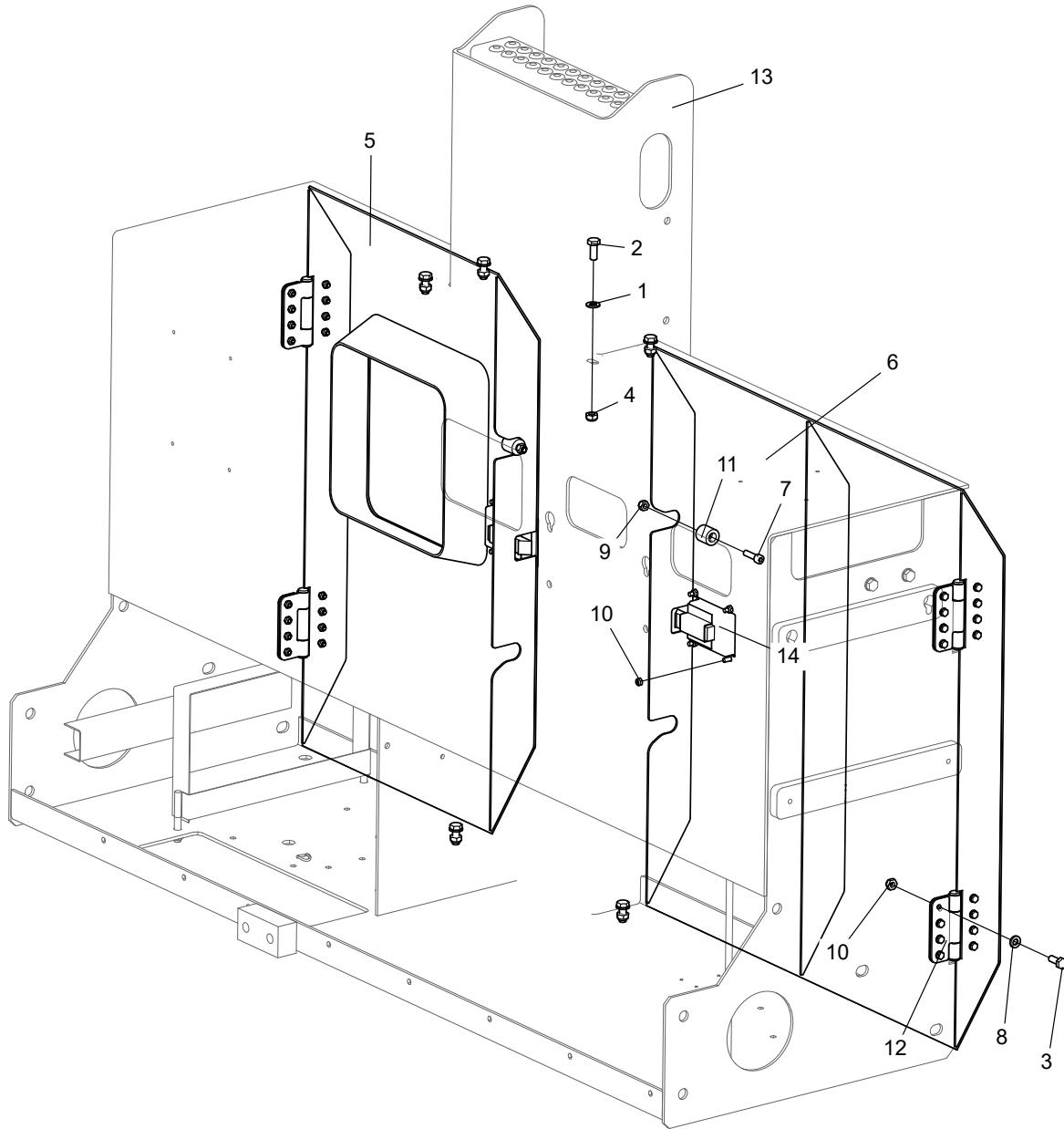
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7

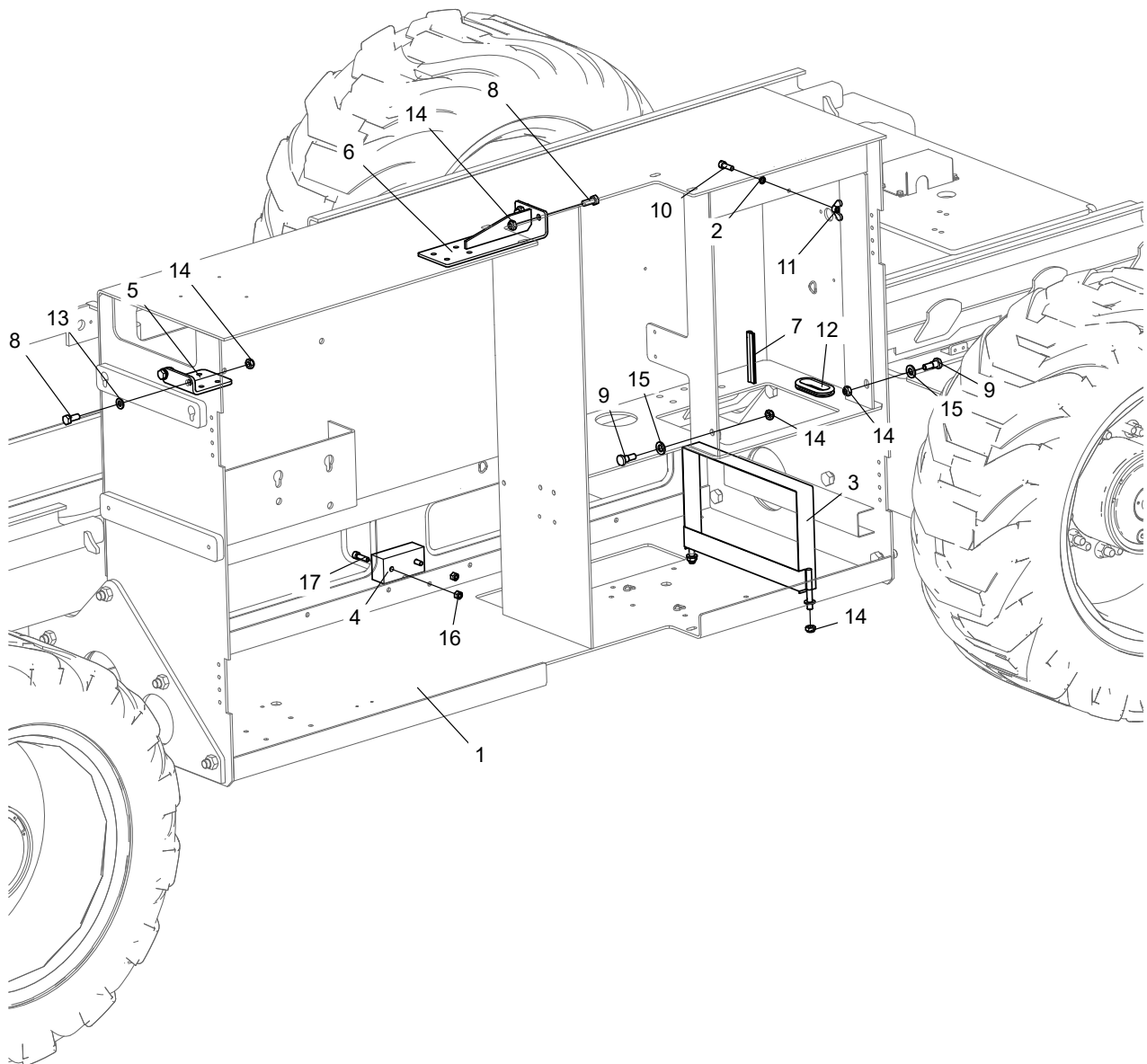
No.	Part No.	Qty.	Description
1	104009030020	1	Tire, solid, left
1a	104009030040	1	Rim
1b	204080000011	1	Tire
2	104009030013	1	Tire assembly, solid, right
2a	104009030040	1	Rim
2b	204080000011	1	Tire
3	104020030004	1	Tire assembly, foam-filled, left(Undetachable)
4	104020030003	1	Tire assembly, foam-filled, right (Undetachable)
5	104021030010	1	Left non-marking tire and wheel assembly
5a	104009030040	1	Rim
5b	204080000041	1	Tire, non-marking
6	104021030011	1	Right non-marking tire and wheel assembly
6a	104009030040	1	Rim
6b	204080000041	1	Tire, non-marking
7	104021033018	1	Left tire and wheel assembly, non-marking, foam filled(Undetachable)
8	104021033020	1	Right tire and wheel assembly, non-marking, foam filled(Undetachable)

1.9 TURNTABLE LEFT HOODS INSTALLATION



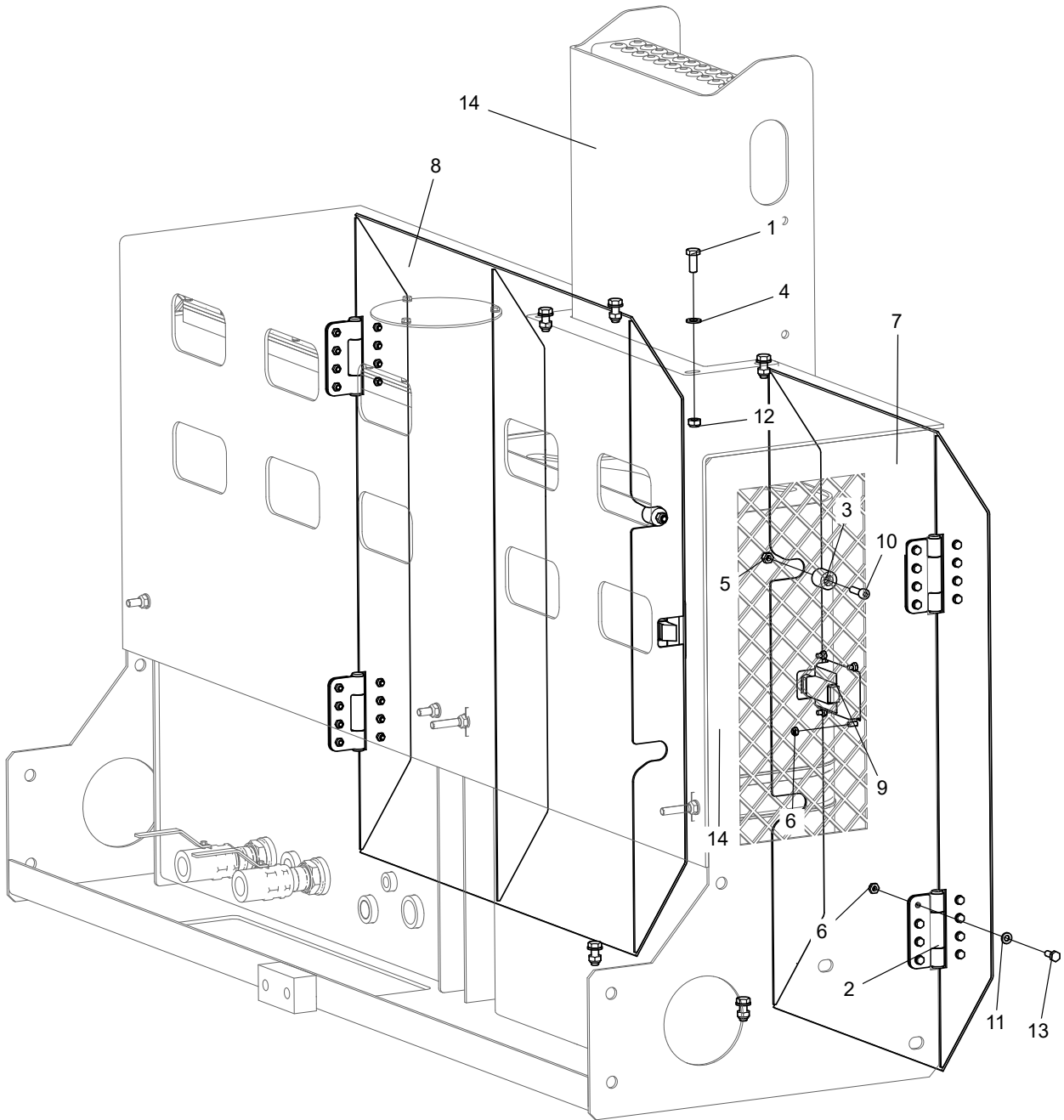
No.	Part No.	Qty.	Description
1	215040000035	6	Washer 10-200HV-ZnD GB/T 97.1
2	215010000069	6	Bolt M10×25-8.8-ZnD GB/T 5783
3	215010000050	32	Bolt M6×16-A2-70 GB/T 5783
4	215030000027	6	Nut M10-8-ZnD GB/T 6184
5	102001030098	1	Door 2
6	102001030102	1	Door 1
7	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
8	215040000033	32	Washer 6-A2 GB/T 97.1
9	215030000026	2	Nut M8-8-ZnD GB/T889.1
10	215030000025	40	Nut M6-8-A2-70 GB/T 889.1
11	102001030085	2	Pad
12	209050000009	4	Hinge
13	102001030159		Options, Ladder
13-1	102001030097	1	Ladder
13-2	102001030157	1	Ladder, 10m
14	209050000034	2	Panel lock MS866-27-2

1.10 LEFT DOOR INSTALLATION



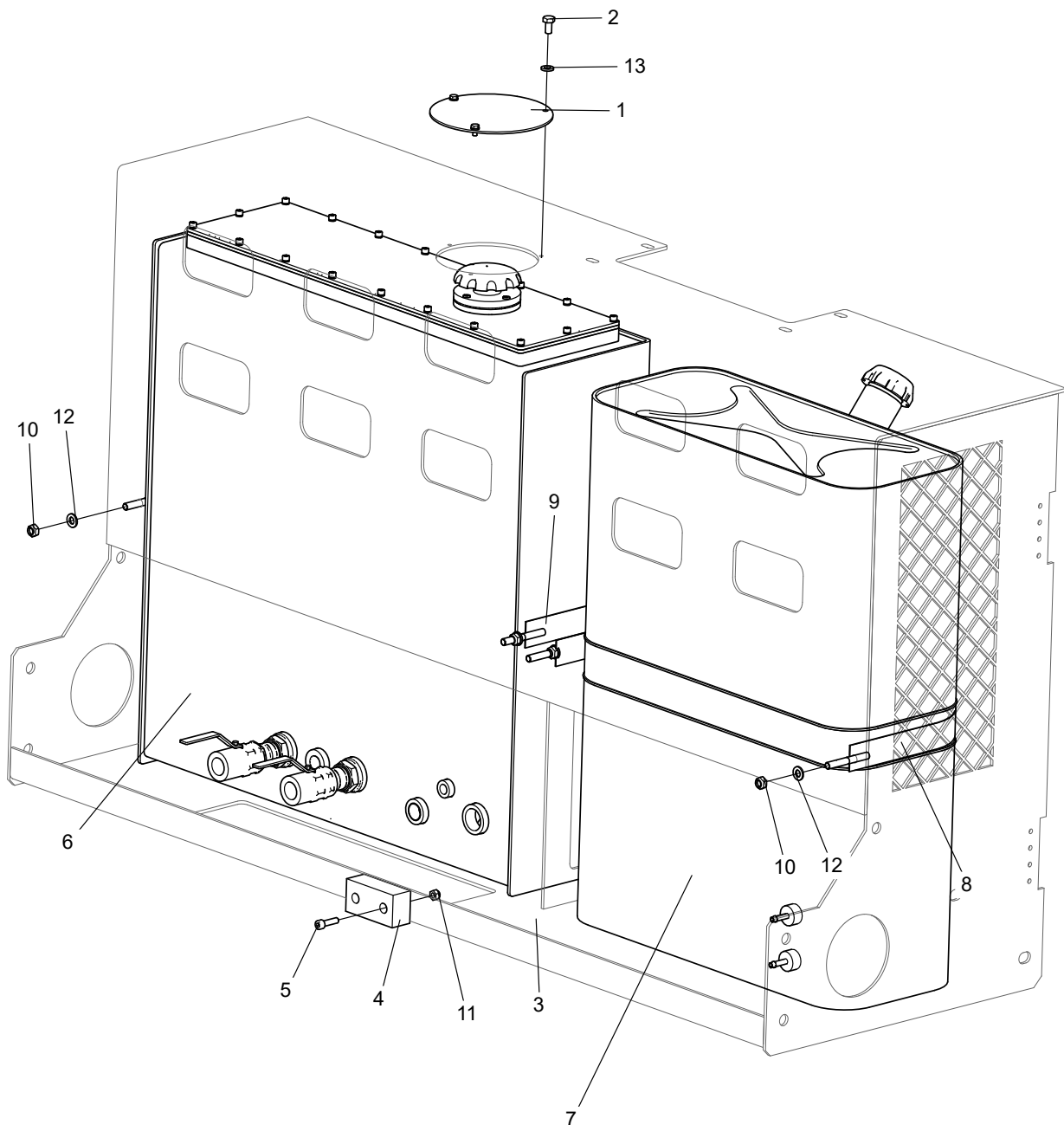
No.	Part No.	Qty.	Description
1	102001030084	1	Weldment,Box
2	215040000005	1	Washer 8-ZnD GB/T 93
3	102001030216	1	Retainer
4	102001030214	1	Pad
5	102004030234	1	Plate
6	102001030211	1	Mount
7	207070000001	1	Rubber seal
8	215010000069	4	Bolt M10×25-8.8-ZnD GB/T 5783
9	102004030005	2	Cotter pin
10	215020000024	1	Screw M8×25-8.8-ZnD GB/T 70.1
11	215030000086	1	Nut M8-8-ZnD GB/T62
12	102001033003	1	Rubber grommet
13	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
14	215030000027	8	Nut M10-8-ZnD GB/T 6184
15	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
16	215030000026	2	Nut M8-8-ZnD GB/T889.1
17	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1

1.11 TURNTABLE RIGHT HOODS INSTALLATION



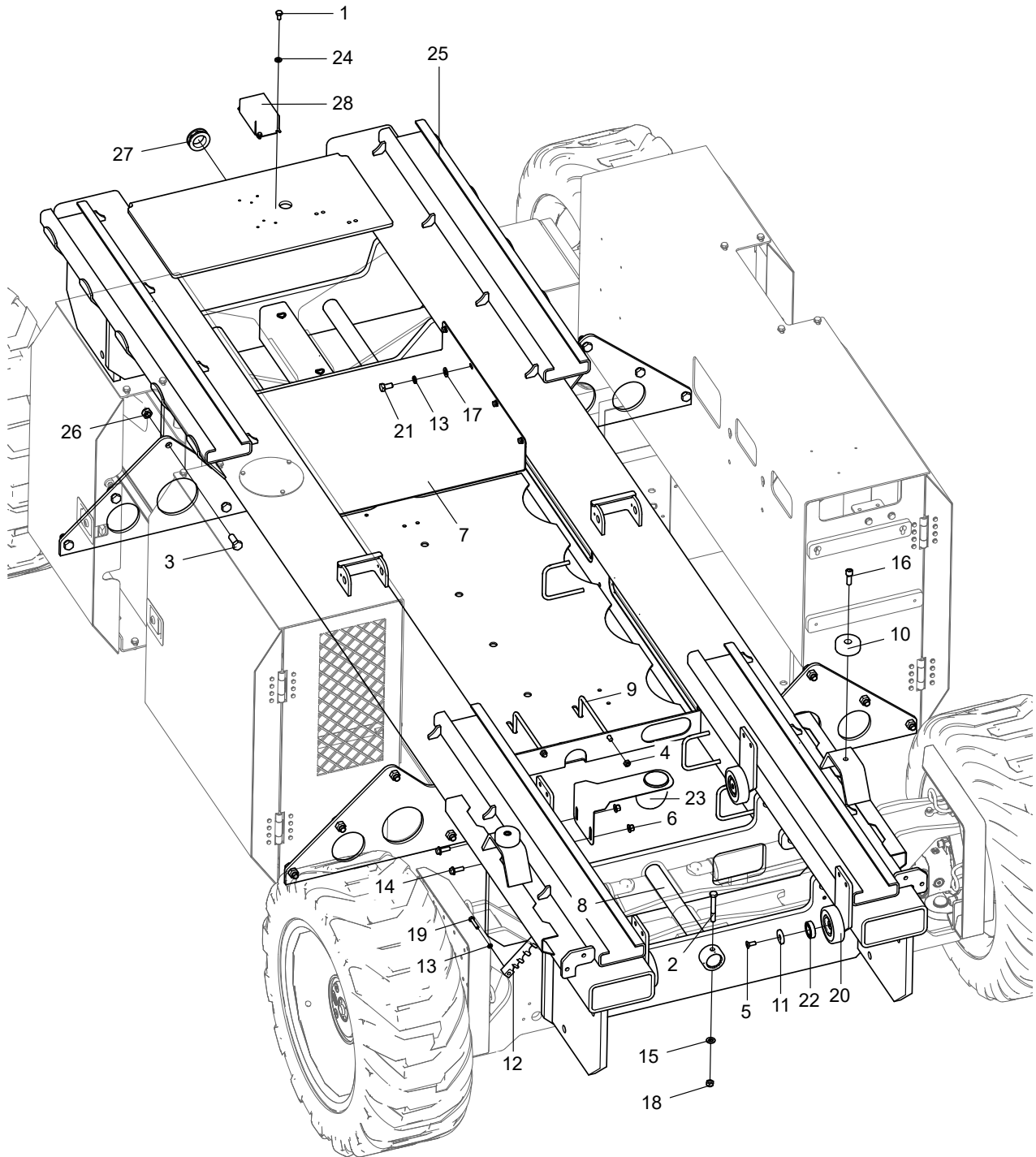
No.	Part No.	Qty.	Description
1	215010000069	6	Bolt M10×25-8.8-ZnD GB/T 5783
2	209050000009	4	Hinge
3	102001030085	2	Pad
4	215040000035	6	Washer 10-200HV-ZnD GB/T 97.1
5	215030000026	2	Nut M8-8-ZnD GB/T889.1
6	215030000025	40	Nut M6-8-A2-70 GB/T 889.1
7	102001030115	1	Door 1
8	102001030102	1	Door 1
9	209050000034	2	Panel lock MS866-27-2
10	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
11	215040000033	32	Washer 6-A2 GB/T 97.1
12	215030000027	6	Nut M10-8-ZnD GB/T 6184
13	215010000050	32	Bolt M6×16-A2-70 GB/T 5783
14	102001030159		Options, Ladder
14-1	102001030157	1	Ladder, 10m
14-2	102001030097	1	Ladder

1.12 RIGHT DOOR INSTALLATION



No.	Part No.	Qty.	Description
1	102001030208	1	Cover
2	215010000049	3	Bolt M6×12-A2-70 GB/T 5783
3	102001030116	1	Box
4	102001030214	1	Pad
5	215020000025	2	Screw M8×30-8.8-ZnD GB/T 70.1
6	102001050006	1	Hydraulic tank
7	102001030119	1	Fuel tank
8	102001030117	1	Clamp, fuel tank
9	102001030113	1	Clamp, hydraulic tank
10	215030000027	4	Nut M10-8-ZnD GB/T 6184
11	215030000026	2	Nut M8-8-ZnD GB/T889.1
12	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
13	215040000033	3	Washer 6-A2 GB/T 97.1

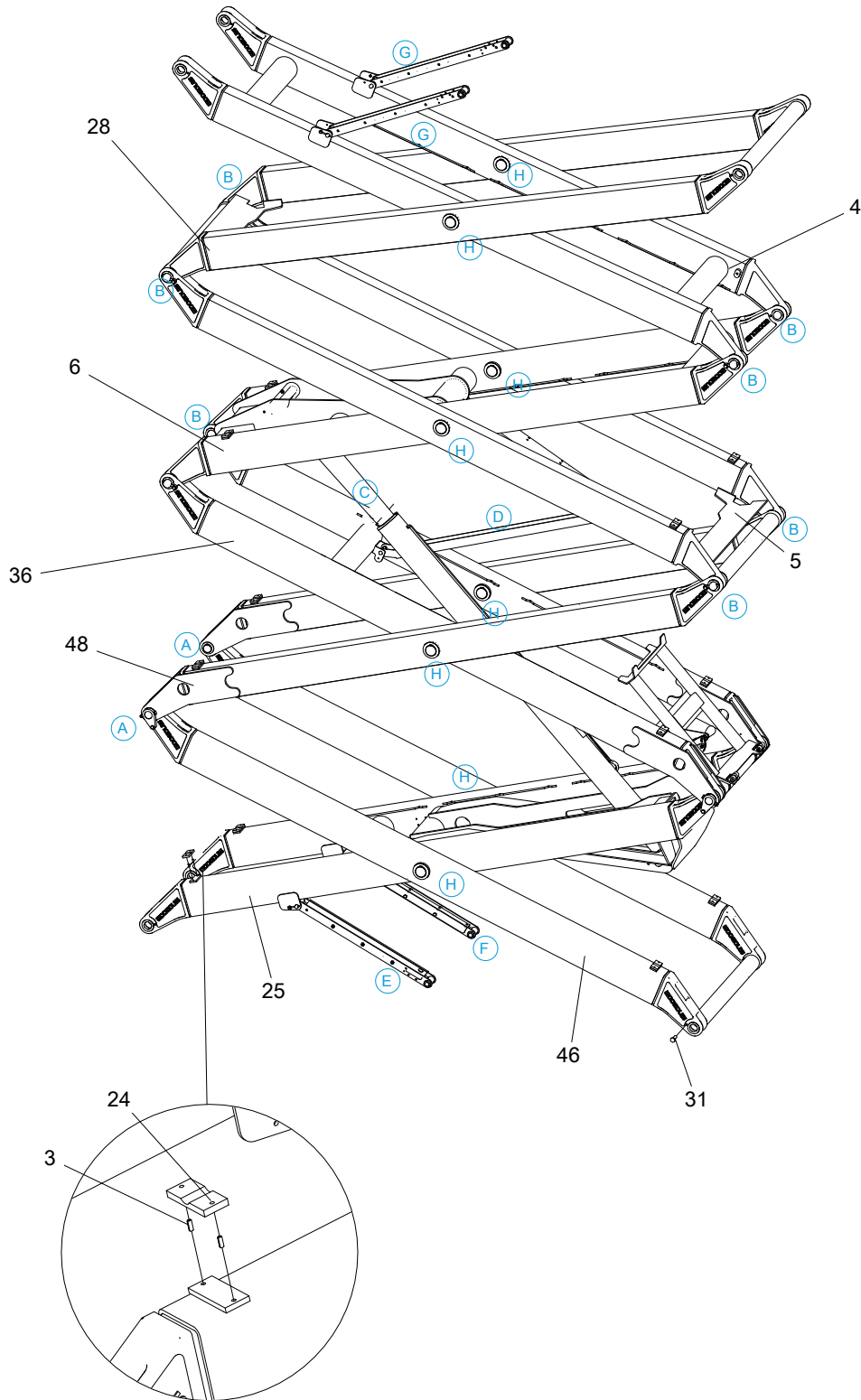
1.13 CHASSIS SHIELD INSTALLATION

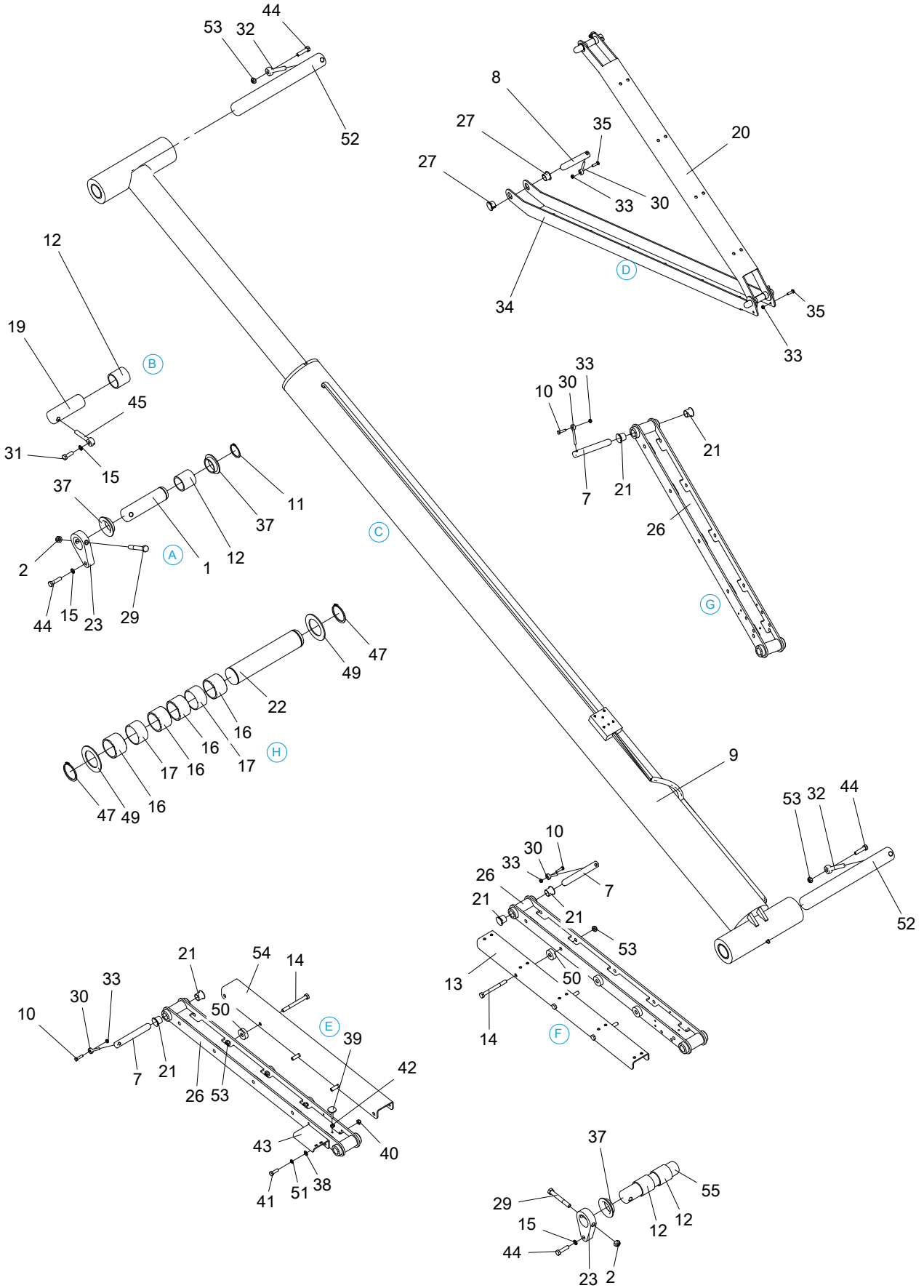


No.	Part No.	Qty.	Description
1	215010000049	4	Bolt M6×12-A2-70 GB/T 5783
2	215010000016	3	Bolt M12×90-8.8-ZnD GB/T 5782
3	215010000110	20	Bolt M16×40-8.8-ZnD GB/T 5783
4	215030000027	2	Nut M10-8-ZnD GB/T 6184
5	215020000236	4	Screw M6×16-A2-70 GB/T 70.3
6	215030000109	2	Nut M10-8-ZnD GB/T 6183
7	102001030228	1	Plate, bending
8	102001030149	3	Pin XGΦ45-480
9	102001030251	2	Round steel
10	102001030150	2	Pad
11	102001030146	4	Pad
12	102001030203	2	Clamp
13	215040000005	12	Washer 8-ZnD GB/T 93
14	215010000239	2	Bolt M10×30-8.8-ZnD GB/T 5789
15	215040000037	3	Washer 12-200HV-ZnD GB/T 97.1
16	215020000076	2	Screw M12×35-8.8-ZnD GB/T 70.1
17	215040000034	8	Washer 8-200HV-ZnD GB/T 97.1
18	215030000029	5	Nut M12-8-ZnD GB/T 6184
19	215010000061	4	Bolt M8×40-8.8-ZnD GB/T 5783
20	102001030145	4	Roller
21	215010000056	8	Bolt M8×16-8.8-ZnD GB/T 5783
22	214010000005	4	Bearing 6005-2Z GB/T 276
23	102013033098	1	Exhaust pipe, Chassis
24	215040000033	4	Washer 6-A2 GB/T 97.1
25	102001030142	1	Weldment, Chassis
26	215030000031	20	Nut M16-8-ZnD GB/T 6184
27	102004030245	1	Rubber grommet
28	102001030225	1	Hood, level sensor

2 SCISSOR COMPONENTS

2.1 SCISSOR COMPONENTS-1323RD&1323RE&1323RH

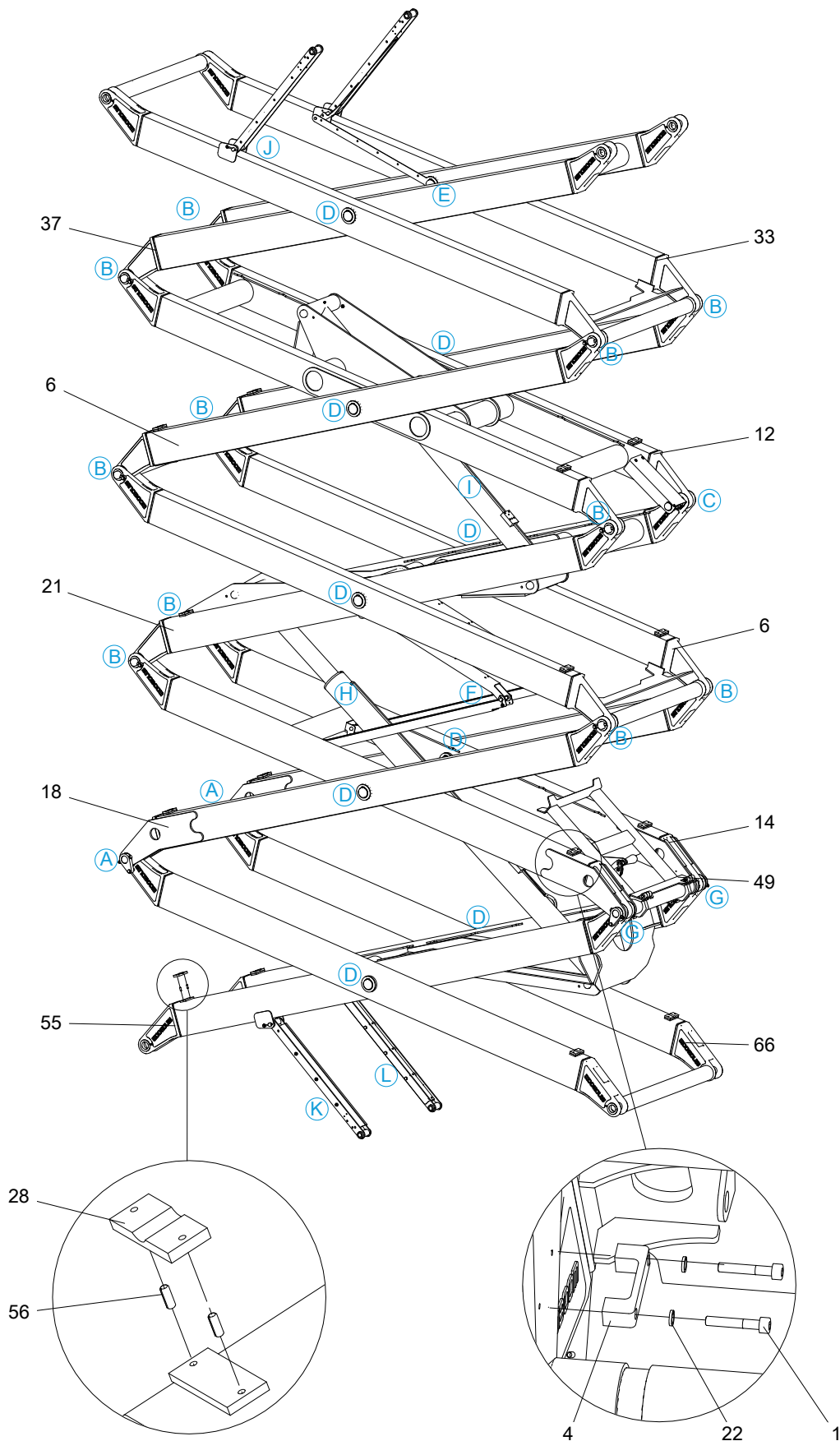


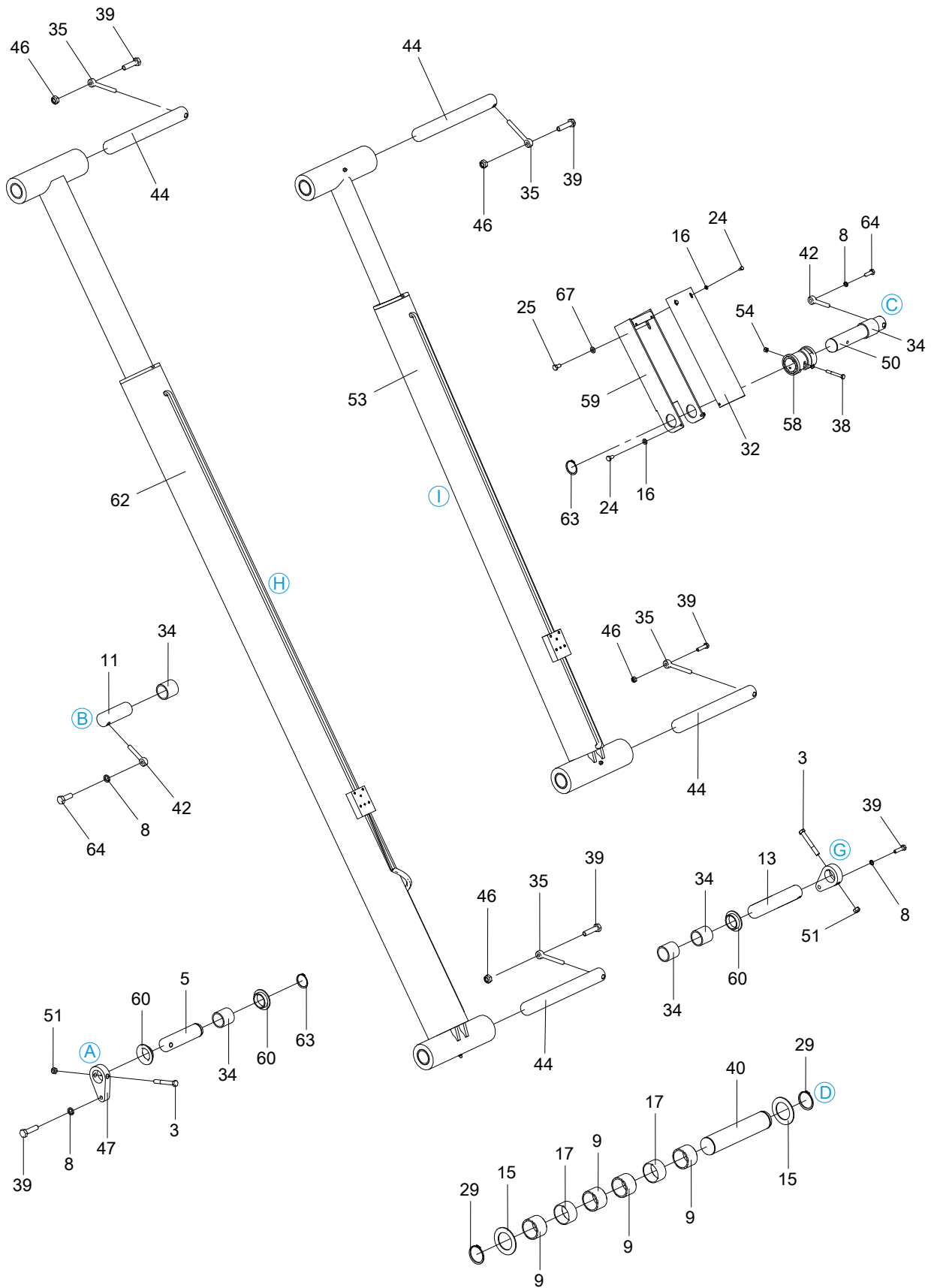


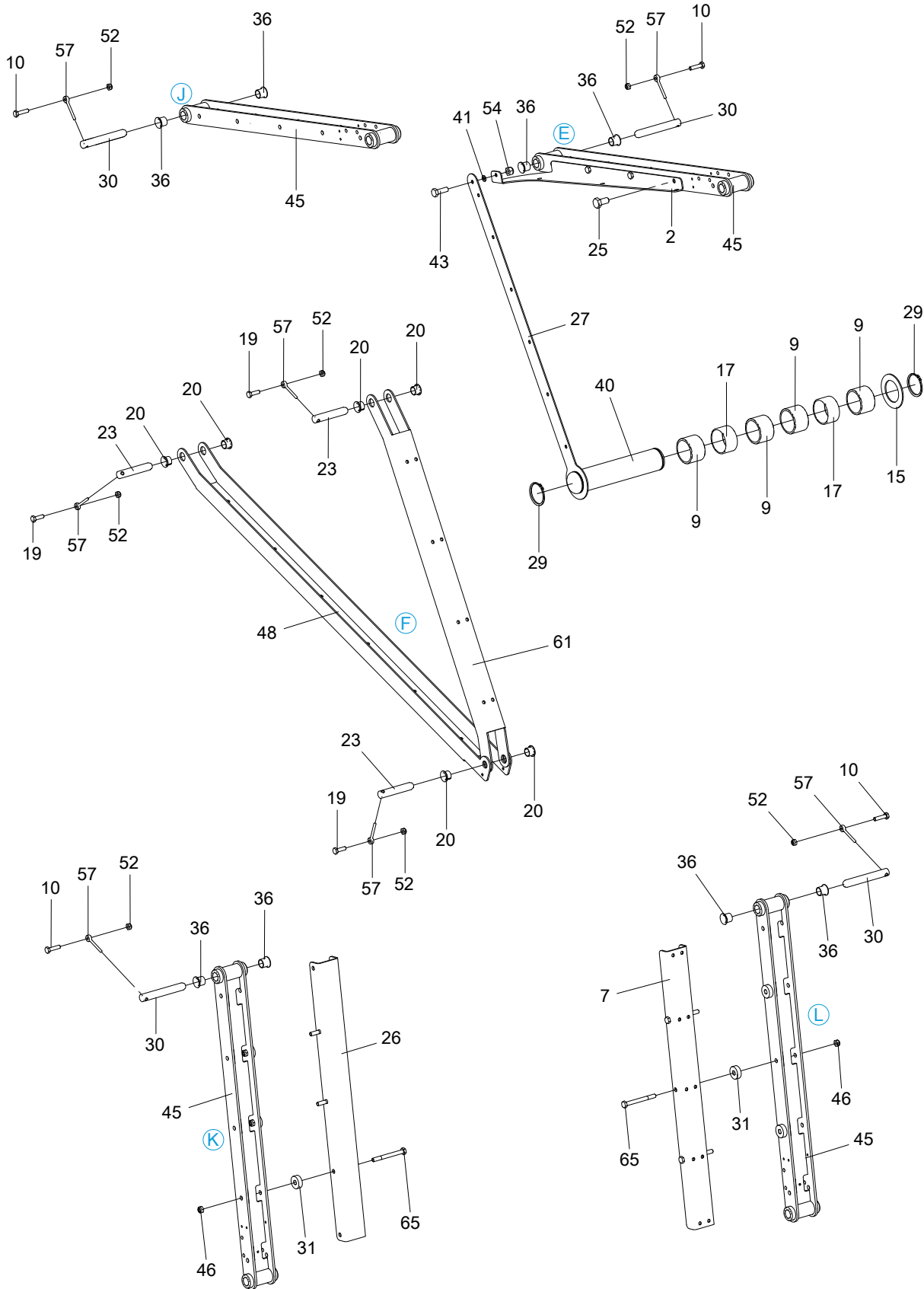
No.	Part No.	Qty.	Description
1	102001010011	2	Pin XGΦ45-173
2	215030000029	4	Nut M12-8-ZnD GB/T 6184
3	215060000082	24	Cotter pin 6×16 GB/T 879.2
4	102006010003	1	Inner arm 4
5	102006010004	1	Outer arm 3
6	102006010005	1	Inner arm 3
7	102001010079	4	Pin XGΦ20-146
8	102001010077	3	Pin XGΦ20-110
9	102001050004	1	Lower lift cylinder(A)
9a	207990003178	1	Seal kit, cylinder
10	215010000052	4	Bolt M6×25-A2-70 GB/T 5783
11	215040000088	2	Retaining ring 45-DKL GB/T 894.1
12	214030000027	13	Bushing, self-lubricating
13	102001010030	1	Plate, bending
14	215010000014	6	Bolt M10×100-8.8-ZnD GB/T 5782
15	215040000006	12	Washer 10-ZnD GB/T 93
16	214030000048	32	Bushing, self-lubricating
17	102001010087	16	Sleeve
18	102001010006	1	Safety arm installation(See "Safety Arm Installation")
19	102001010031	8	Pin XGΦ45-130
20	102001010016	1	Rod, cable routing
21	214080000001	8	Bearing 20×23×21.5 SF-1F
22	102001010055	8	Pin XGΦ57-291
23	102001010095	4	Plate
24	102001010039	12	Pad
25	102001010071	1	Inner arm 1
26	102001010057	4	Lead bar
27	214030000024	6	Bearing 20×23×16.5 SF-1F
28	102006010001	1	Outer arm 4
29	215010000016	4	Bolt M12×90-8.8-ZnD GB/T 5782
30	102001010048	7	Keeper pin Φ6-60
31	215010000071	9	Bolt M10×30-8.8-ZnD GB/T 5783
32	102001010090	2	Keeper pin Φ12-105
33	215030000025	7	Nut M6-8-A2-70 GB/T 889.1
34	102001010040	1	Rod, cable routing
35	215010000051	3	Bolt M6×20-A2-70 GB/T 5783
36	102001010012	1	Inner arm 2

No.	Part No.	Qty.	Description
37	102001010063	6	Sleeve, copper
38	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
39	101015030022	1	Special bolt
40	215030000005	2	Nut M8-8-ZnD GB/T 6170
41	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
42	215030000004	1	Nut M6-A2-70 GB/T 6170
43	102001010096	1	Plate
44	215010000075	6	Bolt M10×40-8.8-ZnD GB/T 5783
45	209020000002	8	Keeper pin Φ 12-75
46	102001010062	1	Outer arm 1
47	215040000100	16	Retaining ring 60-DKL JB/ZQ 4342
48	102001010047	1	Outer arm 2
49	102001010009	16	Washer
50	102001010065	6	Pad
51	215040000005	2	Washer 8-ZnD GB/T 93
52	102001010035	2	Pin XG Φ 45-375
53	215030000027	8	Nut M10-8-ZnD GB/T 6184
54	102001010023	1	Plate, bending
55	102001010036	2	Pin XG Φ 45-225

2.2 SCISSOR COMPONENTS-1623RD&1623RE&1623RH



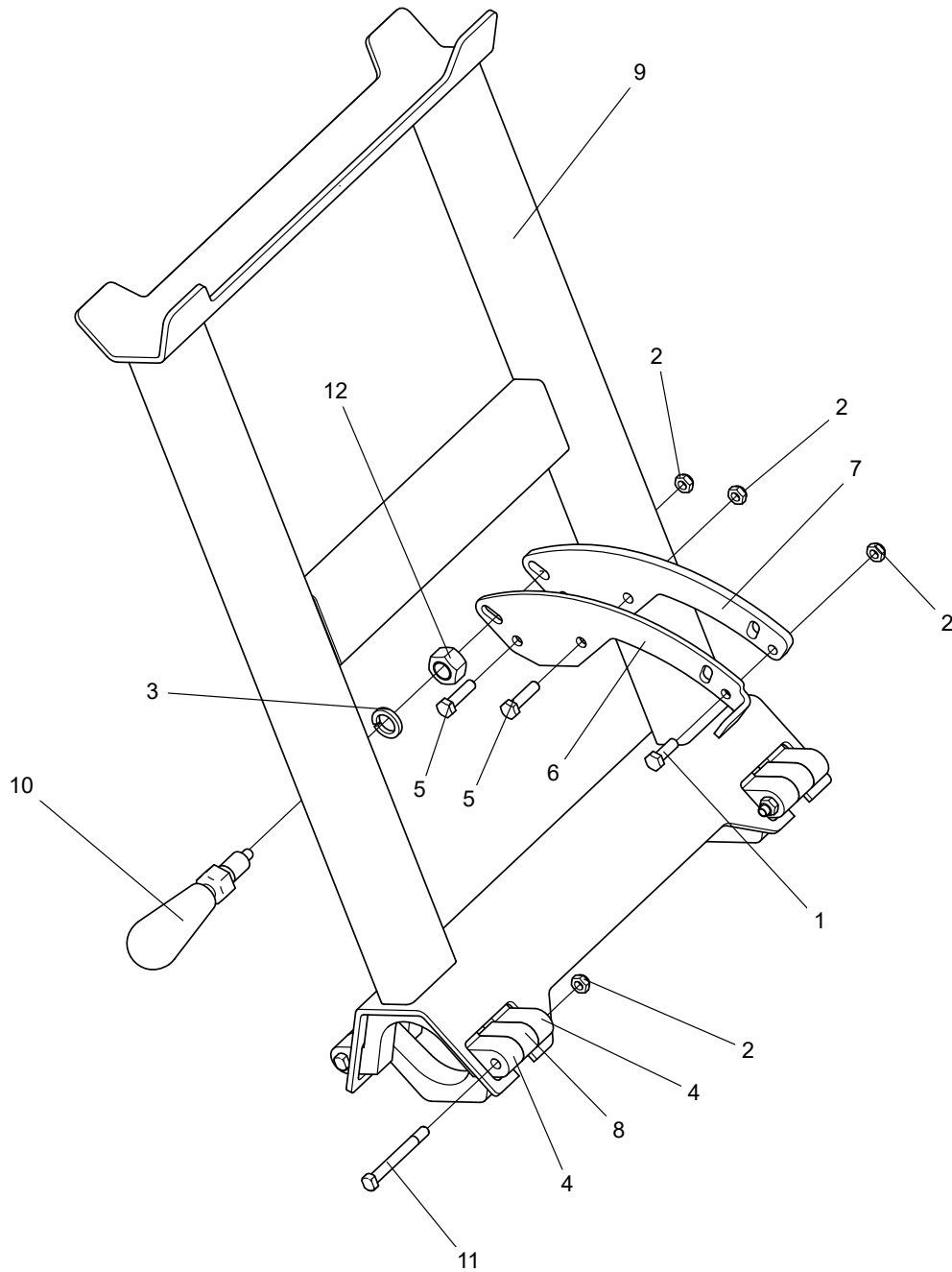




No.	Part No.	Qty.	Description
1	215020000015	2	Screw M6×35-A2-70 GB/T 70.1
2	102001010054	1	Plate, bending
3	215010000016	4	Bolt M12×90-8.8-ZnD GB/T 5782
4	102001010094	1	Clamp
5	102001010011	2	Pin XGΦ45-173
6	102001010002	2	Outer arm 3
7	102001010030	1	Plate, bending
8	215040000006	16	Washer 10-ZnD GB/T 93
9	214030000048	40	Bushing, self-lubricating
10	215010000052	4	Bolt M6×25-A2-70 GB/T 5783
11	102001010031	11	Pin XGΦ45-130
12	102001010037	1	Inner arm 4
13	102001010036	2	Pin XGΦ45-225
14	102001010012	1	Inner arm 2
15	102001010009	19	Washer
16	215040000033	4	Washer 6-A2 GB/T 97.1
17	102001010087	20	Sleeve
18	102001010047	1	Outer arm 2
19	215010000051	6	Bolt M6×20-A2-70 GB/T 5783
20	214030000024	12	Bearing 20×23×16.5 SF-1F
21	102001010042	1	Inner arm 3
22	215040000004	2	Washer 6-A2-70 GB/T 93
23	102001010077	6	Pin XGΦ20-110
24	215010000049	4	Bolt M6×12-A2-70 GB/T 5783
25	215010000068	4	Bolt M10×20-8.8-ZnD GB/T 5783
26	102001010023	1	Plate, bending
27	102001010046	1	Lead bar
28	102001010039	16	Pad
29	215040000100	20	Retaining ring 60-DKL JB/ZQ 4342
30	102001010079	4	Pin XGΦ20-146
31	102001010065	6	Pad
32	102001010109	1	Cover
33	102001010003	1	Outer arm 5
34	214030000027	18	Bushing, self-lubricating
35	102001010090	4	Keeper pin Φ12-105
36	214080000001	8	Bearing 20×23×21.5 SF-1F
37	102001010053	1	Inner arm 5
38	215010000005	1	Bolt M8×70-8.8-ZnD GB/T 5782

No.	Part No.	Qty.	Description
39	215010000075	8	Bolt M10×40-8.8-ZnD GB/T 5783
40	102001010055	10	Pin XGΦ57-291
41	215040000034	1	Washer 8-200HV-ZnD GB/T 97.1
42	209020000002	12	Keeper pin Φ12-75
43	215010000058	1	Bolt M8×25-8.8-ZnD GB/T 5783
44	102001010035	4	Pin XGΦ45-375
45	102001010057	4	Lead bar
46	215030000027	13	Nut M10-8-ZnD GB/T 6184
47	102001010095	4	Plate
48	102001010040	2	Rod, cable routing
49	102001010006	1	Safety arm installation(See "Safety Arm Installation")
50	102001010108	1	Pin XGΦ45-255
51	215030000029	4	Nut M12-8-ZnD GB/T 6184
52	215030000025	10	Nut M6-8-A2-70 GB/T 889.1
53	102001050002	1	Lift Cylinder(A)
53a	207990003177	1	Seal kit, cylinder
54	215030000026	2	Nut M8-8-ZnD GB/T889.1
55	102001010071	1	Inner arm 1
56	215060000082	32	Cotter pin 6×16 GB/T 879.2
57	102001010048	10	Keeper pin Φ6-60
58	102013013026	1	Bush, detecting
59	102001010104	1	Mount
60	102001010063	7	Sleeve, copper
61	102001010016	2	Rod, cable routing
62	102001050004	1	Lower lift cylinder(A)
62a	207990003178	1	Seal kit, cylinder
63	215040000088	3	Retaining ring 45-DKL GB/T 894.1
64	215010000071	12	Bolt M10×30-8.8-ZnD GB/T 5783
65	215010000014	6	Bolt M10×100-8.8-ZnD GB/T 5782
66	102001010062	1	Outer arm 1
67	215040000035	1	Washer 10-200HV-ZnD GB/T 97.1

2.3 SAFETY ARM INSTALLATION

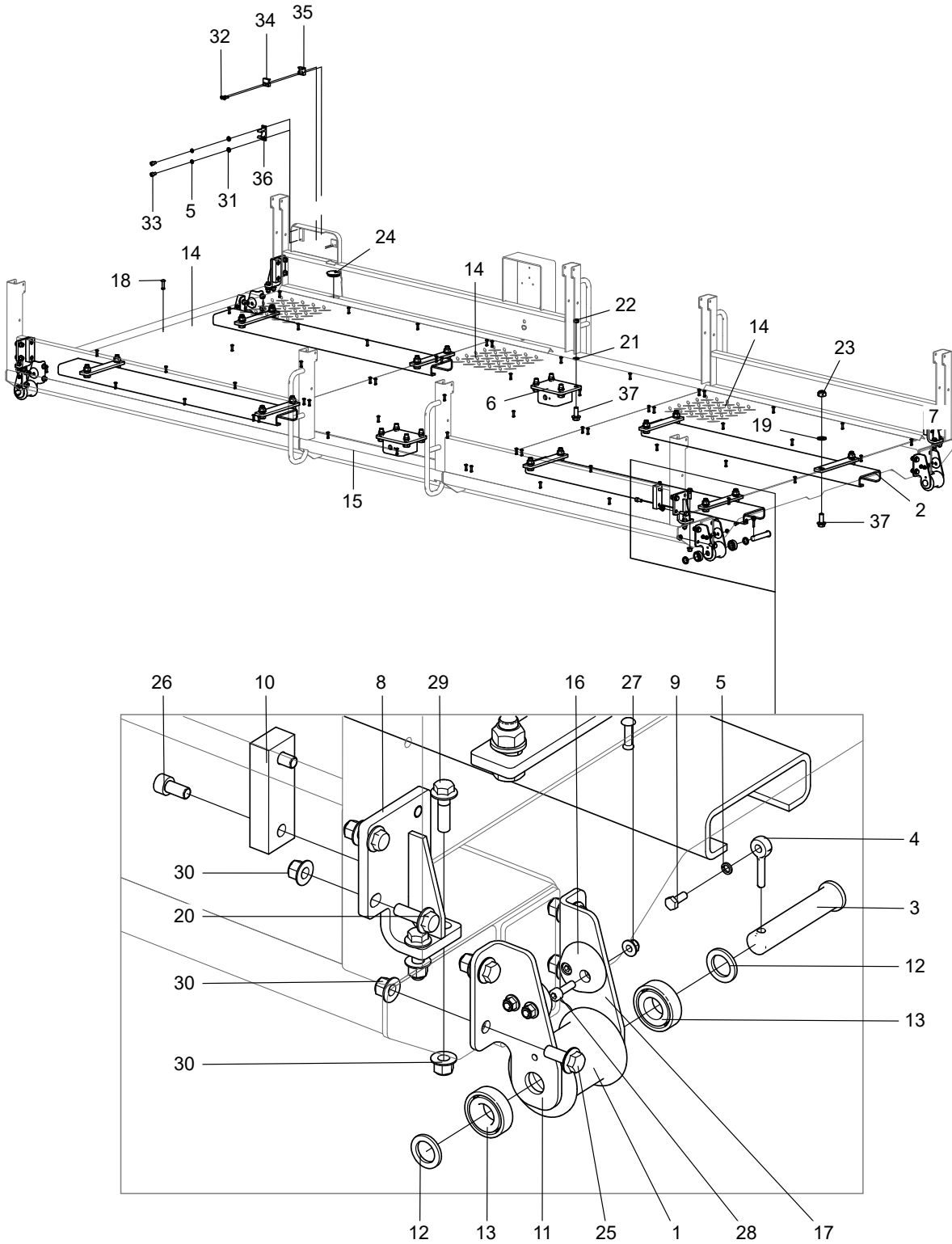


No.	Part No.	Qty.	Description
1	215010000071	1	Bolt M10×30-8.8-ZnD GB/T 5783
2	215030000027	7	Nut M10-8-ZnD GB/T 6184
3	215040000009	1	Washer 20-ZnD GB/T 93
4	102001010021	4	Nylon sleeve
5	215010000075	2	Bolt M10×40-8.8-ZnD GB/T 5783
6	102001010028	1	Plate, bending
7	102001010072	1	Plate, bending
8	102001010102	2	Nylon sleeve
9	102001010070	1	Safety arm assembly
10	102001010085	1	Handle
11	101032040060	4	Plain rod
12	215030000012	1	Nut M20-8-ZnD GB/T 6170

3 PLATFORM COMPONENTS

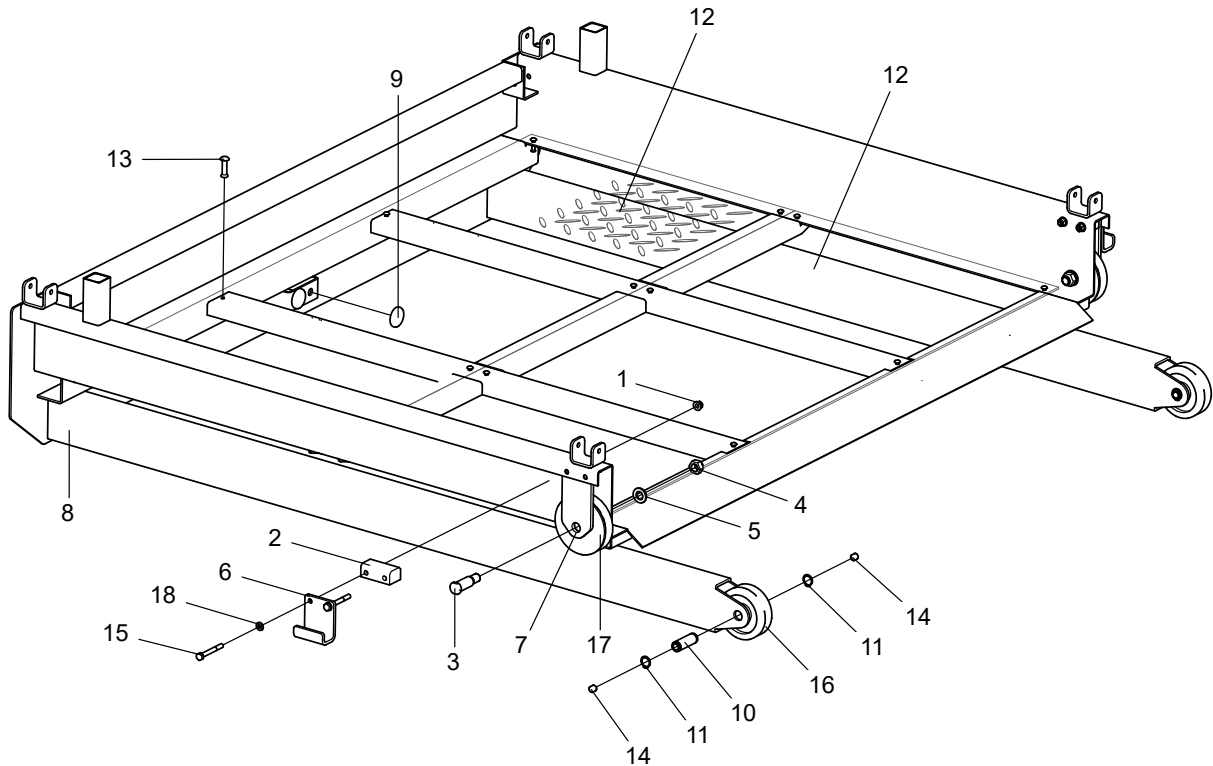
3.1 6.5M PLATFORM COMPONENTS

3.1.1 FIXED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	102005040016	4	Roller
2	102005040090	4	Support, channel
3	102005040043	4	Clevis pin XJΦ20-102
4	101012010070	4	Keeper pin Φ6-38
5	215040000004	6	Washer 6-A2-70 GB/T 93
6	102005040105	2	Bracket
7	102001040034	2	Limit seat
8	102001040033	2	Limit seat
9	215010000050	4	Bolt M6×16-A2-70 GB/T 5783
10	102001040030	4	Buffer strip
11	102005040003	4	Plate, bending
12	102001040011	8	Retaining ring
13	214010000021	8	Bearing 6004-2Z GB/T 276
14	102005040052	3	Alluminum plate
15	102005040082	1	Stationary platform
16	102005040020	8	Nylon block
17	102005040009	4	Plate, bending
18	215050000008	60	Blind rivet 6×20-ZnD GB/T 12618.2
19	215040000039	16	Washer 16-200HV-ZnD GB/T 97.1
20	215010000239	8	Bolt M10×30-8.8-ZnD GB/T 5789
21	215040000037	8	Washer 12-200HV-ZnD GB/T 97.1
22	215030000029	8	Nut M12-8-ZnD GB/T 6184
23	215030000031	16	Nut M16-8-ZnD GB/T 6184
24	115006043015	1	Rubber choke plug
25	215010000267	16	Bolt M10×25-10.9-DKL GB/T 5789
26	215020000048	8	Screw M10×20-8.8-ZnD GB/T 70.1
27	215030000107	16	Nut M6-8-ZnD GB/T 6183
28	215020000012	16	Screw M6×20-A2-70 GB/T 70.1
29	215010000268	8	Bolt M10×35-10.9-DKL GB/T 5789
30	215030000109	32	Nut M10-8-ZnD GB/T 6183
31	215040000033	2	Washer 6-A2 GB/T 97.1
32	215020000230	2	Screw M6×25-A2-70 GB/T 70.3
33	215020000010	2	Screw M6×12-A2-70 GB/T 70.1
34	101040040069	1	Nylon block
35	101040040070	1	Nylon block
36	101040040071	1	Clamp
37	215010000276	24	Bolt M16×40-8.8-ZnD GB/T 5789

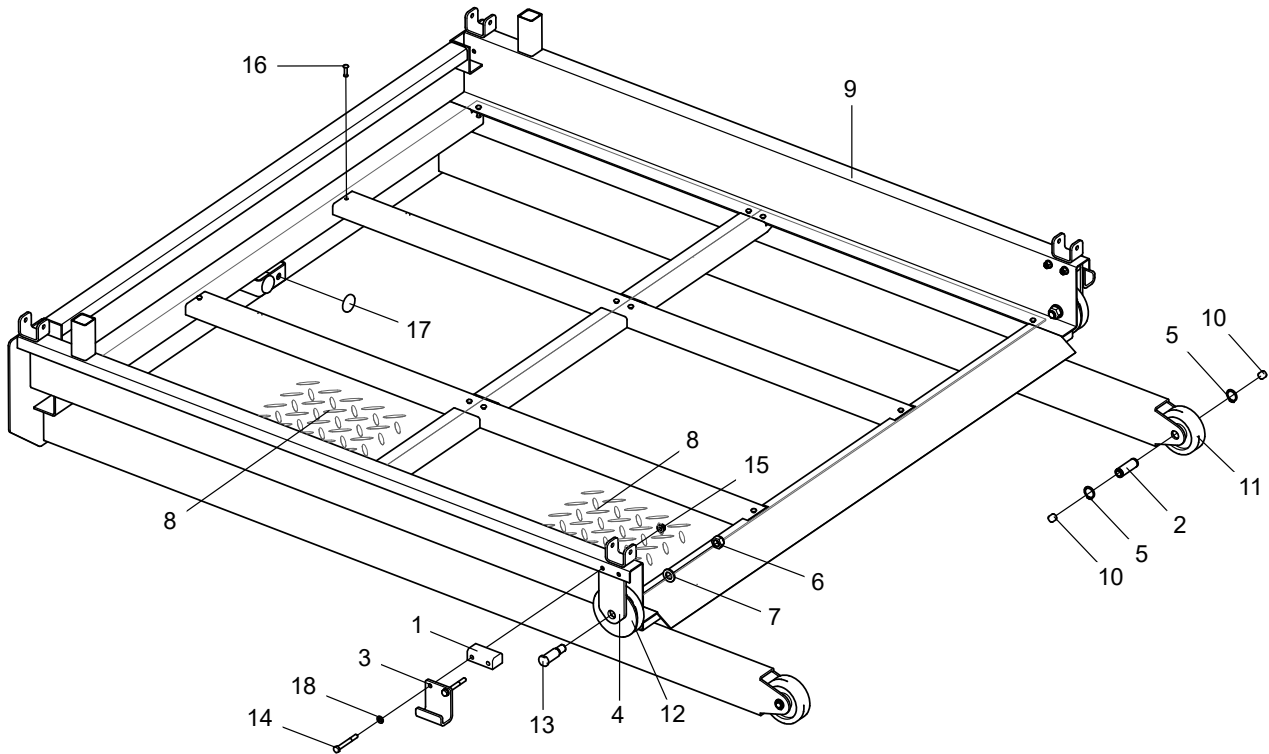
3.1.2 FRONT EXTENDED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	215030000108	4	Nut M8-8-ZnD GB/T 6183
2	102001040029	2	Nylon block
3	102005040104	2	Clevis pin XJΦ20-69
4	215030000031	2	Nut M16-8-ZnD GB/T 6184
5	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
6	102001040006	2	Plate, bending
7	102005040025	2	Plate
8	102005040040	1	Extended platform 1
9	101016010055	2	Pad
10	102005040034	2	Pin XGΦ20-60
11	215040000083	4	Retaining ring 20-DKL GB/T 894.1
12	102005040093	2	Alluminum plate
13	215050000008	16	Blind rivet 6×20-ZnD GB/T 12618.2
14	102005040033	4	Nylon block
15	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
16	102005040086	2	Roller

No.	Part No.	Qty.	Description
17	102005040028	2	Roller
18	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1

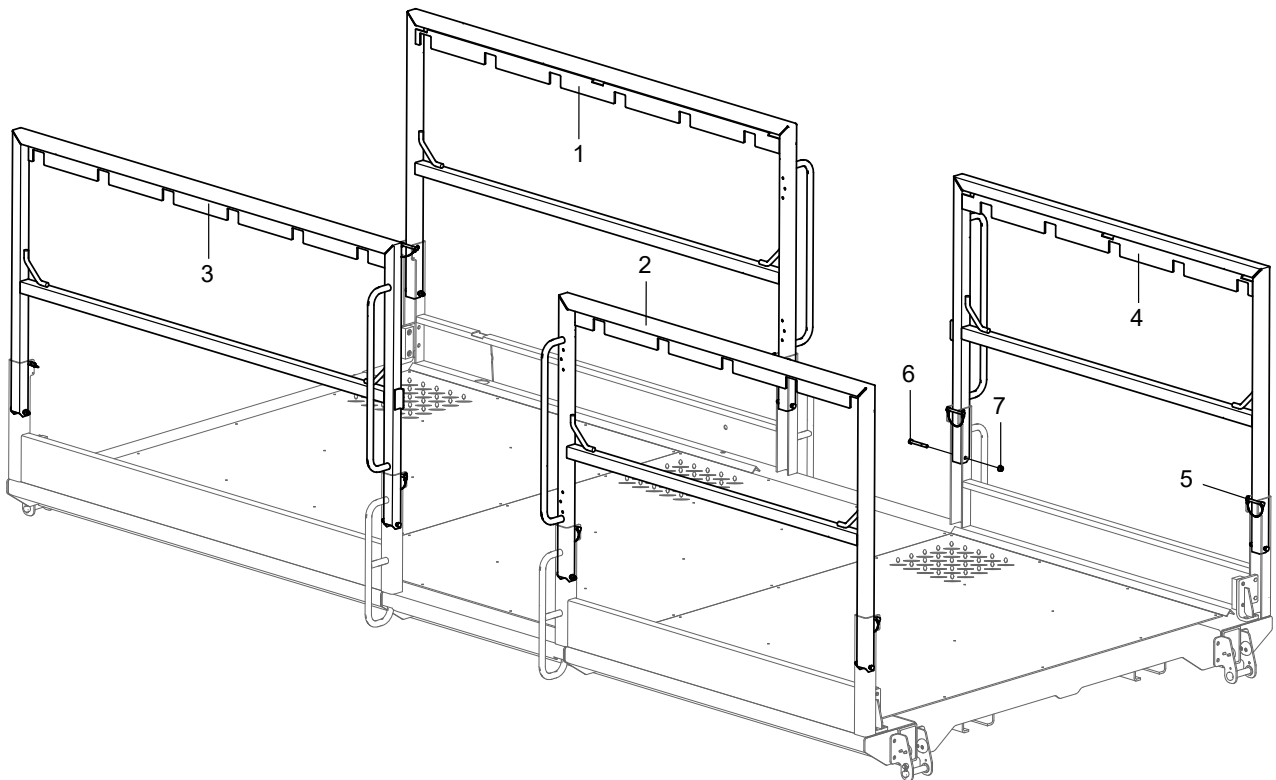
3.1.3 REAR EXTENDED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	102001040029	2	Nylon block
2	102005040034	2	Pin XGΦ20-60
3	102001040006	2	Plate, bending
4	102005040025	2	Plate
5	215040000083	4	Retaining ring 20-DKL GB/T 894.1
6	215030000031	2	Nut M16-8-ZnD GB/T 6184
7	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
8	102005040031	2	Alluminum plate
9	102005040103	1	Extended platform 2
10	102005040033	4	Nylon block
11	102005040086	2	Roller
12	102005040028	2	Roller
13	102005040104	2	Clevis pin XJΦ20-69
14	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
15	215030000108	4	Nut M8-8-ZnD GB/T 6183
16	215050000008	16	Blind rivet 6×20-ZnD GB/T 12618.2

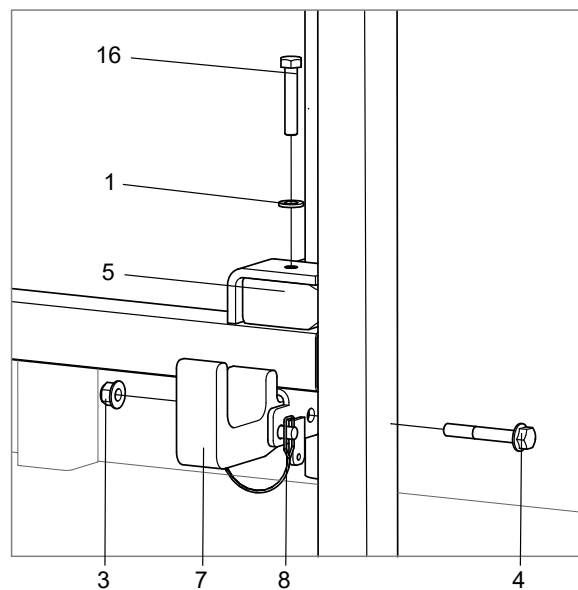
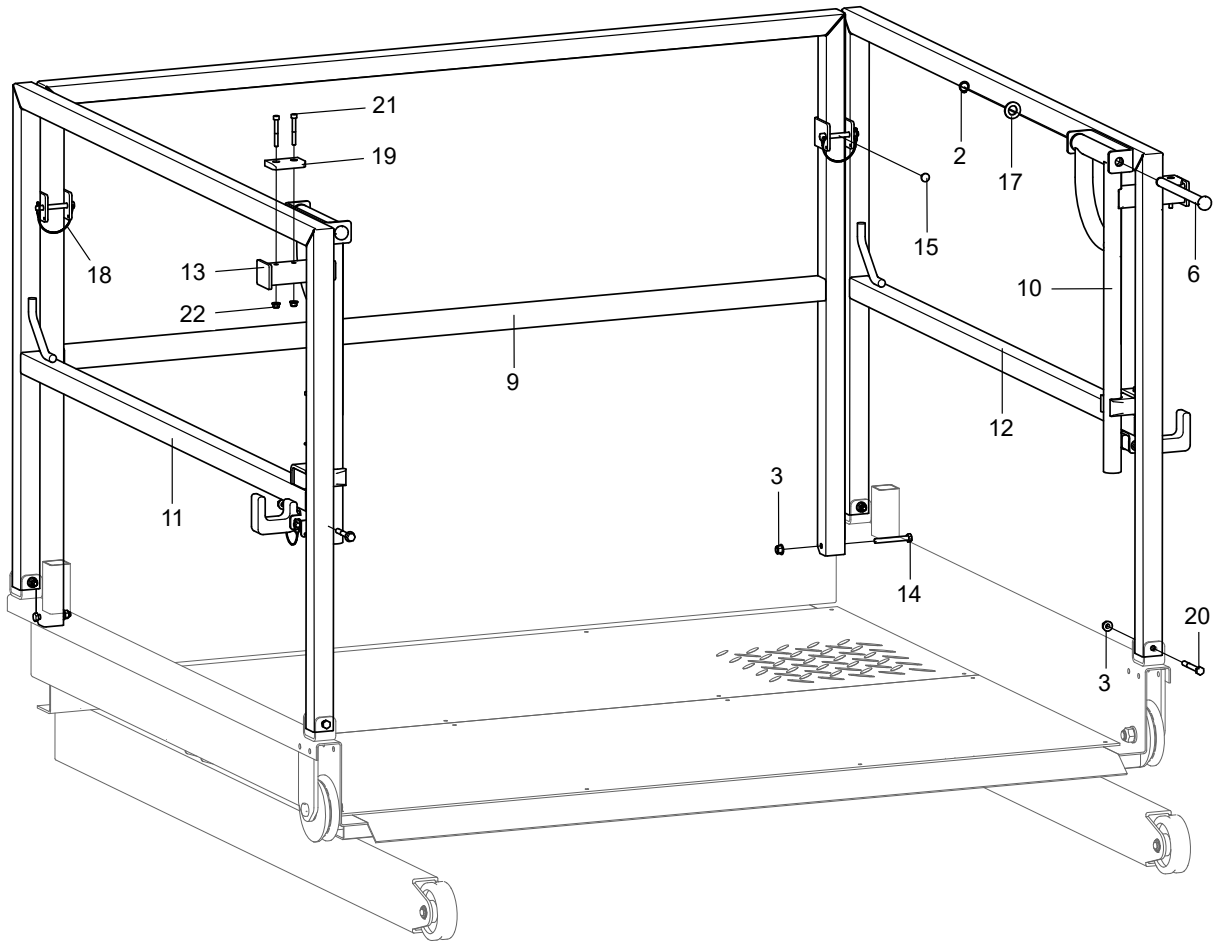
No.	Part No.	Qty.	Description
17	101016010055	2	Pad
18	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1

3.1.4 FIXED PLATFORM RAILS INSTALLATION



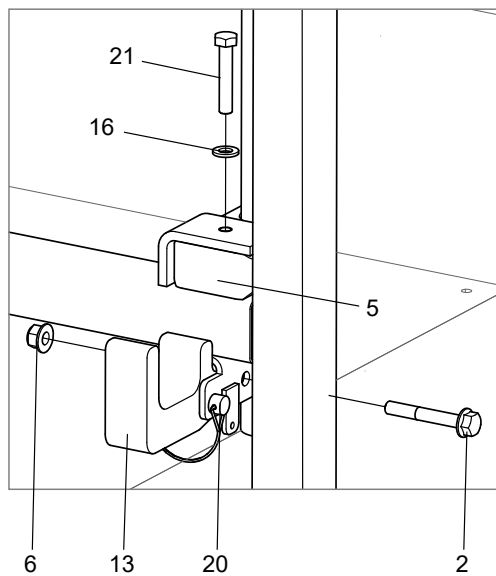
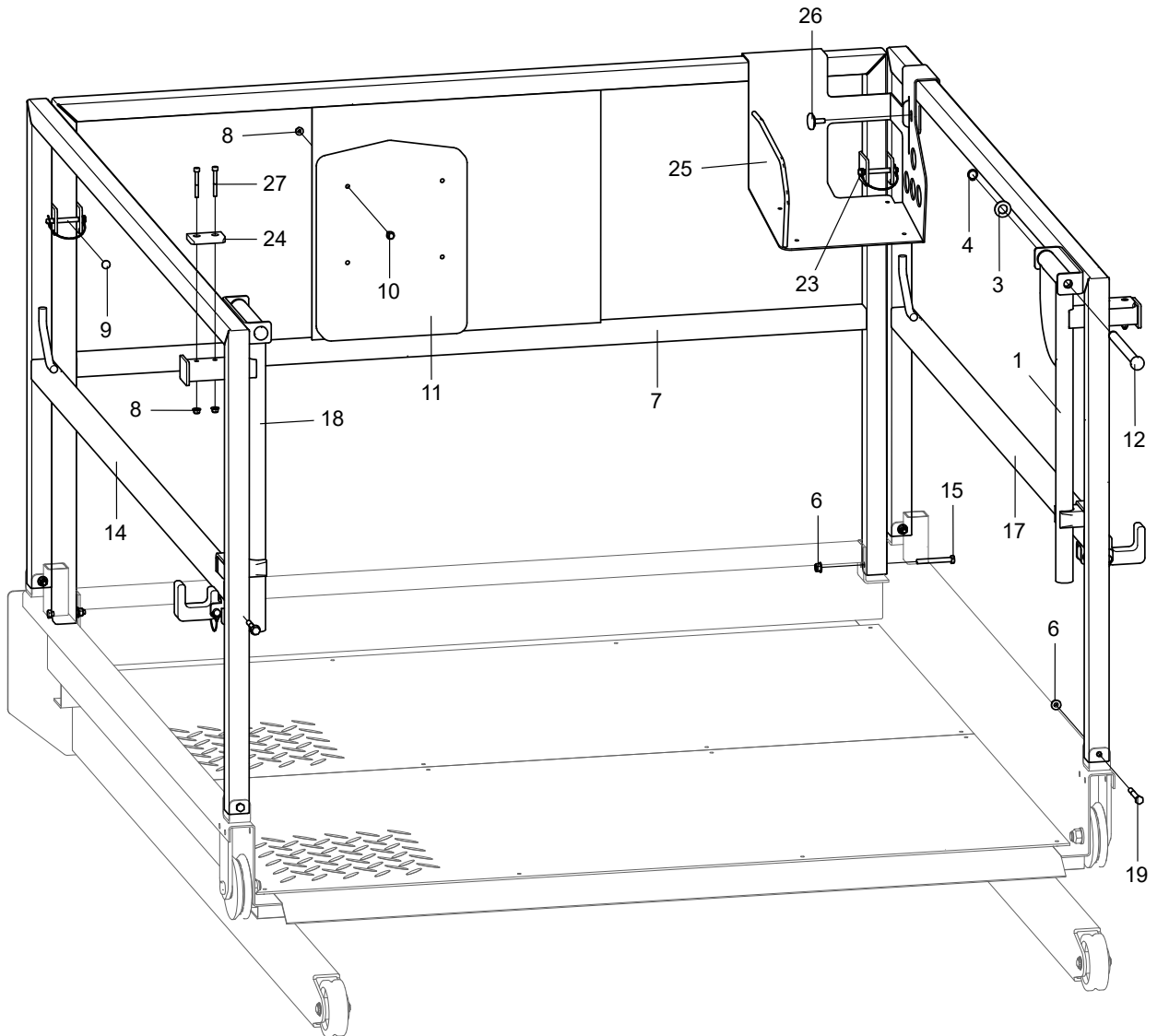
No.	Part No.	Qty.	Description
1	102005040045	1	Outer rail 3
2	102005040106	1	Outer rail 2
3	102005040098	1	Outer rail 4
4	102005040061	1	Outer rail 1
5	209020003003	8	Safety pin
6	215010000005	8	Bolt M8×70-8.8-ZnD GB/T 5782
7	215030000108	8	Nut M8-8-ZnD GB/T 6183

3.1.5 FRONT EXTENDED PLATFORM RAILS INSTALLATION



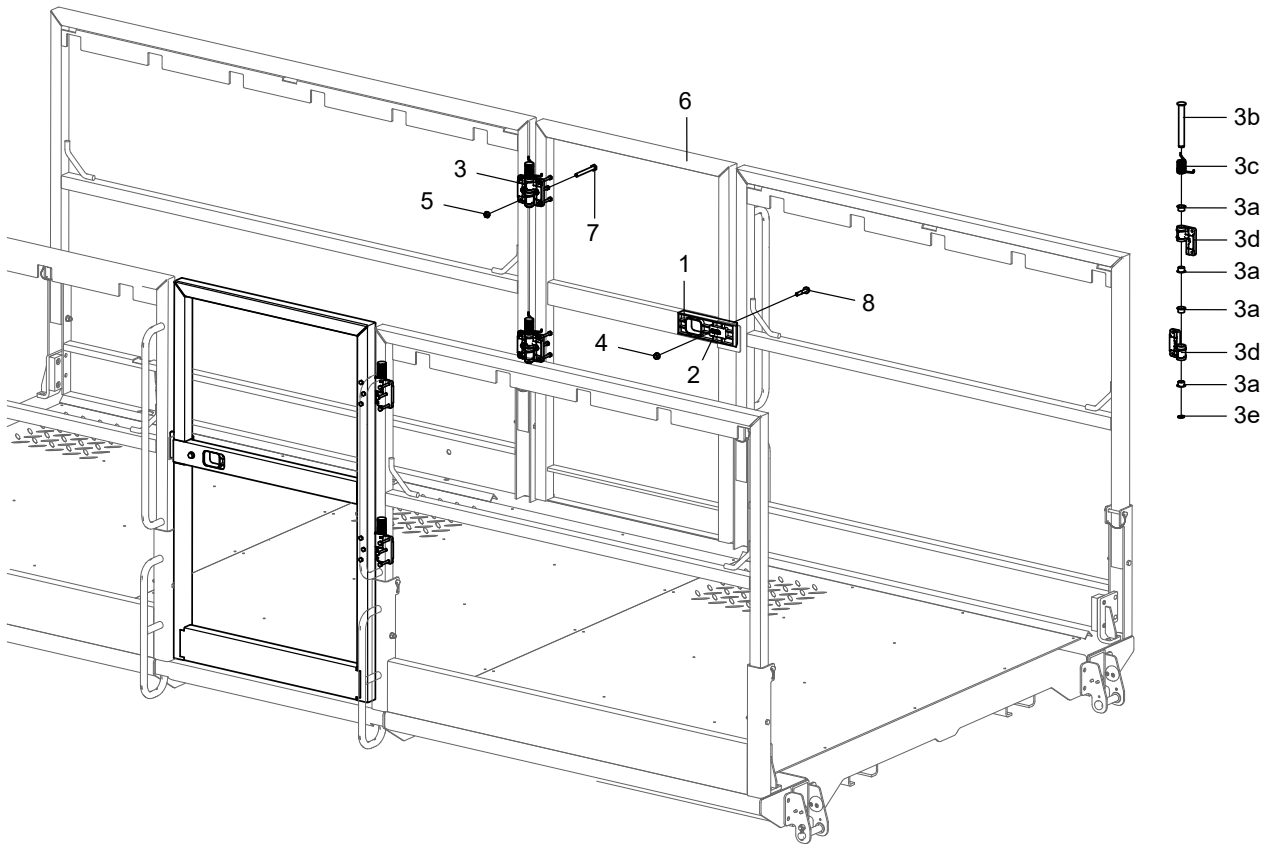
No.	Part No.	Qty.	Description
1	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
3	215030000108	8	Nut M8-8-ZnD GB/T 6183
4	215010000288	2	Bolt M8×55-8.8-ZnD GB/T 5789
6	102001040018	2	Clevis pin XJΦ16-206
9	102005040080	1	Rail, front
10	102005040107	1	Handle
11	102005040015	1	Inner rail 1
12	102005040088	1	Inner rail 2
13	102001040003	1	Handle
14	215010000066	2	Bolt M8×65-8.8-ZnD GB/T 5783
15	209010000002	2	Bumper
17	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
18	209020003003	2	Safety pin
19	115006043014	2	Cushion
20	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
21	215020000018	4	Screw M6×50-A2-70 GB/T 70.1
22	215030000107	2	Nut M6-8-ZnD GB/T 6183
2	215040000081	2	Retaining ring
5	102005040029	2	PE ferrule
7	102005040010	2	Limit block
8	209020000005	2	Safety pin
16	215010000062	2	Bolt M8×45-8.8-ZnD GB/T 5783

3.1.6 REAR EXTENDED PLATFORM RAILS INSTALLATION



No.	Part No.	Qty.	Description
1	102005040107	1	Handle
2	215010000288	2	Bolt M8×55-8.8-ZnD GB/T 5789
3	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
4	215040000081	2	Retaining ring
6	215030000108	8	Nut M8-8-ZnD GB/T 6183
7	102005040041	1	Rail, rear
8	215030000107	8	Nut M6-8-ZnD GB/T 6183
9	209010000002	2	Bumper
10	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
11	216070000001	1	Manual storage container
12	102001040018	2	Clevis pin XJΦ16-206
14	102005040084	1	Inner rail 4
15	215010000066	2	Bolt M8×65-8.8-ZnD GB/T 5783
16	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
17	102005040044	1	Inner rail 3
18	102001040003	1	Handle
19	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
23	209020003003	2	Safety pin
24	115006043014	2	Cushion
25	102004060022	1	Bracket
26	209030003005	1	Bolt M8
27	215020000018	4	Screw M6×50-A2-70 GB/T 70.1
5	102005040029	2	PE ferrule
13	102005040010	2	Limit block
20	209020000005	2	Safety pin
21	215010000062	2	Bolt M8×45-8.8-ZnD GB/T 5783

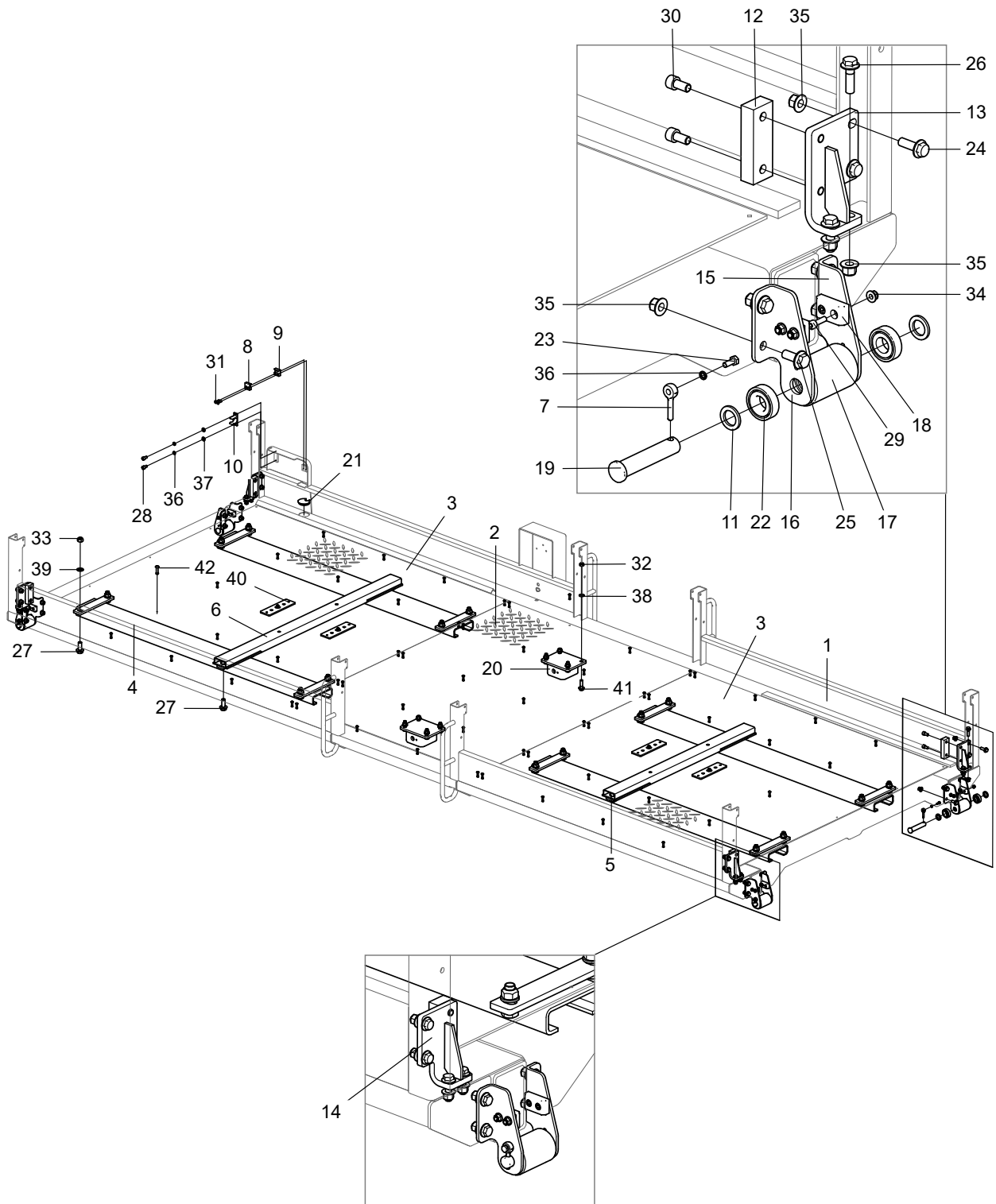
3.1.7 PLATFORM ENTRY GATE INSTALLATION



No.	Part No.	Qty.	Description
1	101012040056	2	Lock
2	101019040001	2	Spring
3a	214030000051	4	Bearing
3b	101015040006	1	Clevis pin XJΦ16-131
3c	101015040005	1	Spring
3d	101015040004	2	Hinge gasket
3e	215040000081	1	Retaining ring
3	101015040007	4	Hinge assembly
4	215030000108	2	Nut M8-8-ZnD GB/T 6183
5	215030000025	24	Nut M6-8-A2-70 GB/T 889.1
6	102005040019	2	Door
7	215010000205	24	Bolt M6×55-A2-70 GB/T5783
8	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789

3.2 7.4M PLATFORM COMPONENTS

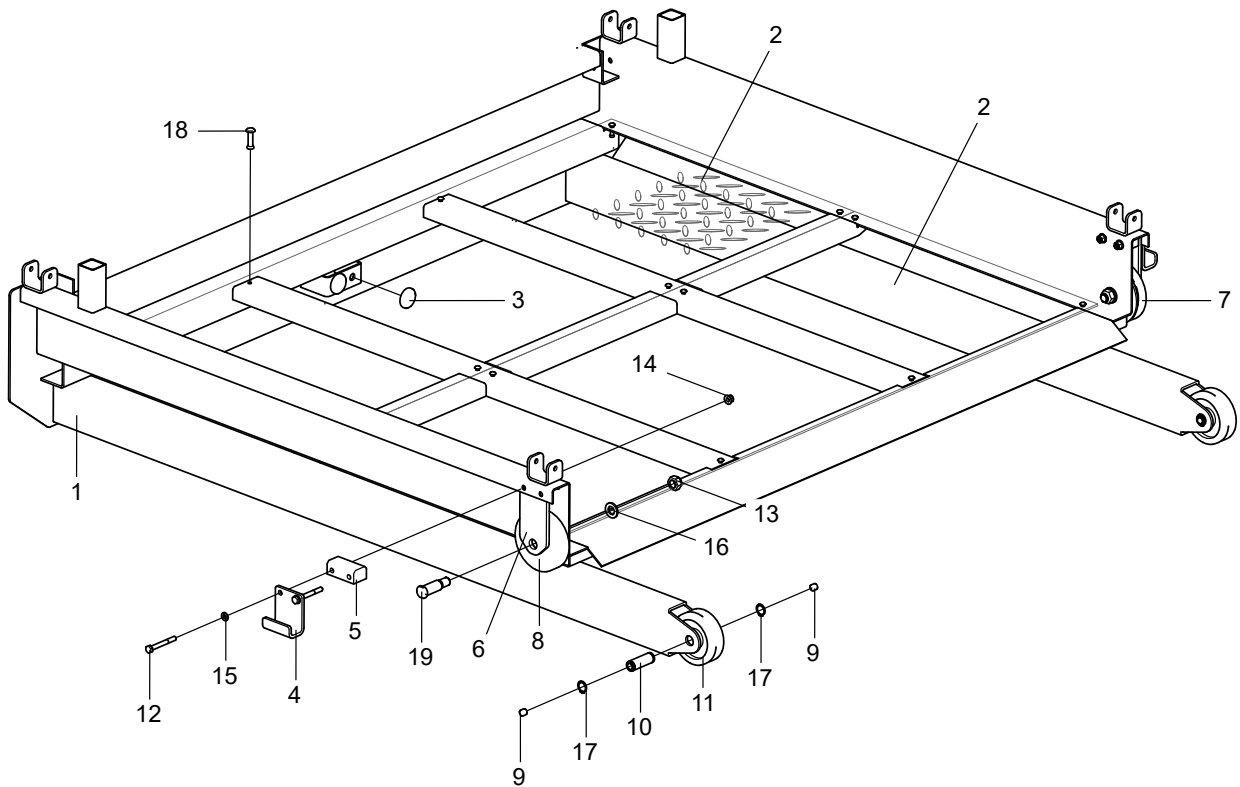
3.2.1 FIXED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	115006043031	1	Stationary platform
2	102005040052	1	Alluminum plate
3	115006043050	2	Alluminum plate
4	115006043047	4	Support channel
5	102013043020	1	Support bracket
6	102013043019	1	Support bracket
7	101012010070	4	Keeper pin $\Phi 6-38$
8	101040040069	1	Nylon block
9	101040040070	1	Nylon block
10	101040040071	1	Clamp
11	102001040011	8	Retaining ring
12	102001040030	4	Buffer strip
13	102001040034	2	Limit seat
14	102001040033	2	Limit seat
15	102005040009	4	Plate, bending
16	102005040003	4	Plate, bending
17	115006043049	4	Roller
18	115006043053	8	Nylon block
19	102005040043	4	Clevis pin XJ $\Phi 20-102$
20	102005040105	2	Bracket
21	115006043015	1	Rubber choke plug
22	214010000021	8	Bearing 6004-2Z GB/T 276
23	215010000050	4	Bolt M6 \times 16-A2-70 GB/T 5783
24	215010000239	8	Bolt M10 \times 30-8.8-ZnD GB/T 5789
25	215010000267	16	Bolt M10 \times 25-10.9-DKL GB/T 5789
26	215010000268	8	Bolt M10 \times 35-10.9-DKL GB/T 5789
27	215010000276	24	Bolt M16 \times 40-8.8-ZnD GB/T 5789
28	215020000010	2	Screw M6 \times 12-A2-70 GB/T 70.1
29	215020000012	16	Screw M6 \times 20-A2-70 GB/T 70.1
30	215020000048	8	Screw M10 \times 20-8.8-ZnD GB/T 70.1
31	215020000230	2	Screw M6 \times 25-A2-70 GB/T 70.3
32	215030000029	8	Nut M12-8-ZnD GB/T 6184
33	215030000031	16	Nut M16-8-ZnD GB/T 6184
34	215030000107	16	Nut M6-8-ZnD GB/T 6183
35	215030000109	32	Nut M10-8-ZnD GB/T 6183
36	215040000004	6	Washer 6-A2-70 GB/T 93
37	215040000033	2	Washer 6-A2 GB/T 97.1

No.	Part No.	Qty.	Description
38	215040000037	8	Washer 12-200HV-ZnD GB/T 97.1
39	215040000039	16	Washer 16-200HV-ZnD GB/T 97.1
40	102013043022	4	Mounting plate
41	215010000244	8	Bolt M12×40-8.8 ZnD GB/T 5789
42	215050000008	60	Blind rivet 6×20-ZnD GB/T 12618.2

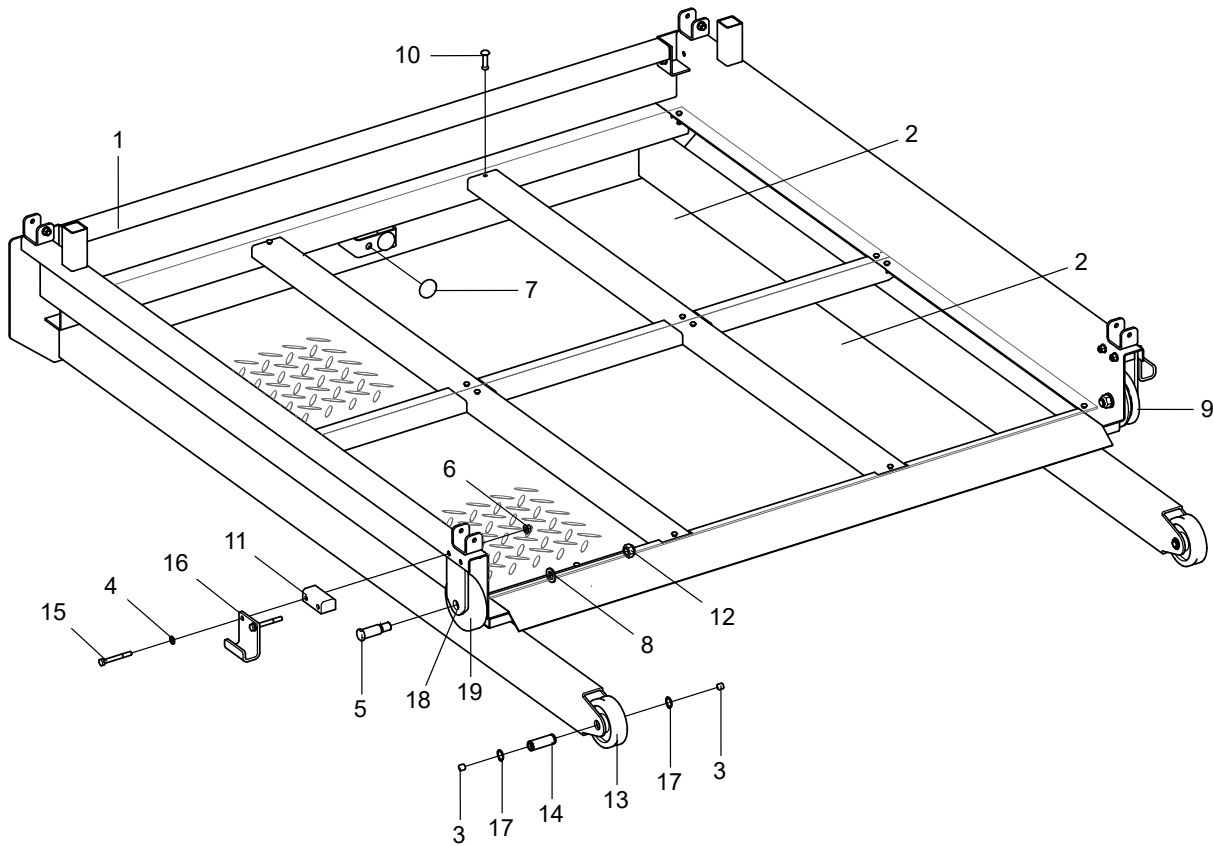
3.2.2 FRONT EXTENDED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	102005040040	1	Extended platform 1
2	102005040093	2	Alluminum plate
3	101016010055	2	Pad
4	102001040006	2	Plate, bending
5	102001040029	2	Nylon block
6	102005040025	2	Plate
7	102005040028	1	Roller
8	115006043051	1	Roller
9	102005040033	4	Nylon block
10	102005040034	2	Pin XGΦ20-60
11	102005040086	2	Roller
12	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
13	215030000031	2	Nut M16-8-ZnD GB/T 6184
14	215030000108	4	Nut M8-8-ZnD GB/T 6183
15	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
16	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1

No.	Part No.	Qty.	Description
17	215040000083	4	Retaining ring 20-DKL GB/T 894.1
18	215050000008	16	Blind rivet 6×20-ZnD GB/T 12618.2
19	102005040104	2	Clevis pin XJΦ20-69

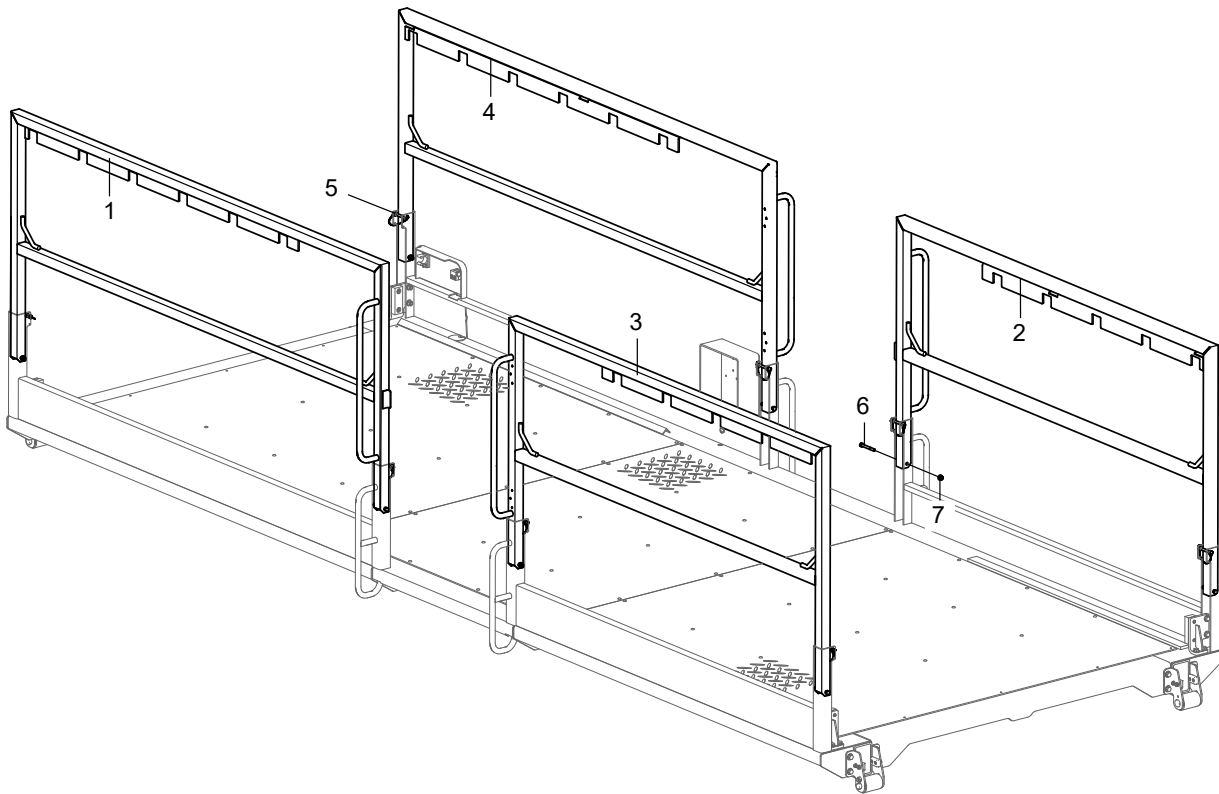
3.2.3 REAR EXTENDED PLATFORM ASSEMBLY



No.	Part No.	Qty.	Description
1	102005040103	1	Extended platform 2
2	102005040031	2	Alluminum plate
3	102005040033	4	Nylon block
4	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
5	102005040104	2	Clevis pin XJΦ20-69
6	215030000108	4	Nut M8-8-ZnD GB/T 6183
7	101016010055	2	Pad
8	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
9	102005040028	1	Roller
10	215050000008	16	Blind rivet 6×20-ZnD GB/T 12618.2
11	102001040029	2	Nylon block
12	215030000031	2	Nut M16-8-ZnD GB/T 6184
13	102005040086	2	Roller
14	102005040034	2	Pin XGΦ20-60
15	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
16	102001040006	2	Plate, bending

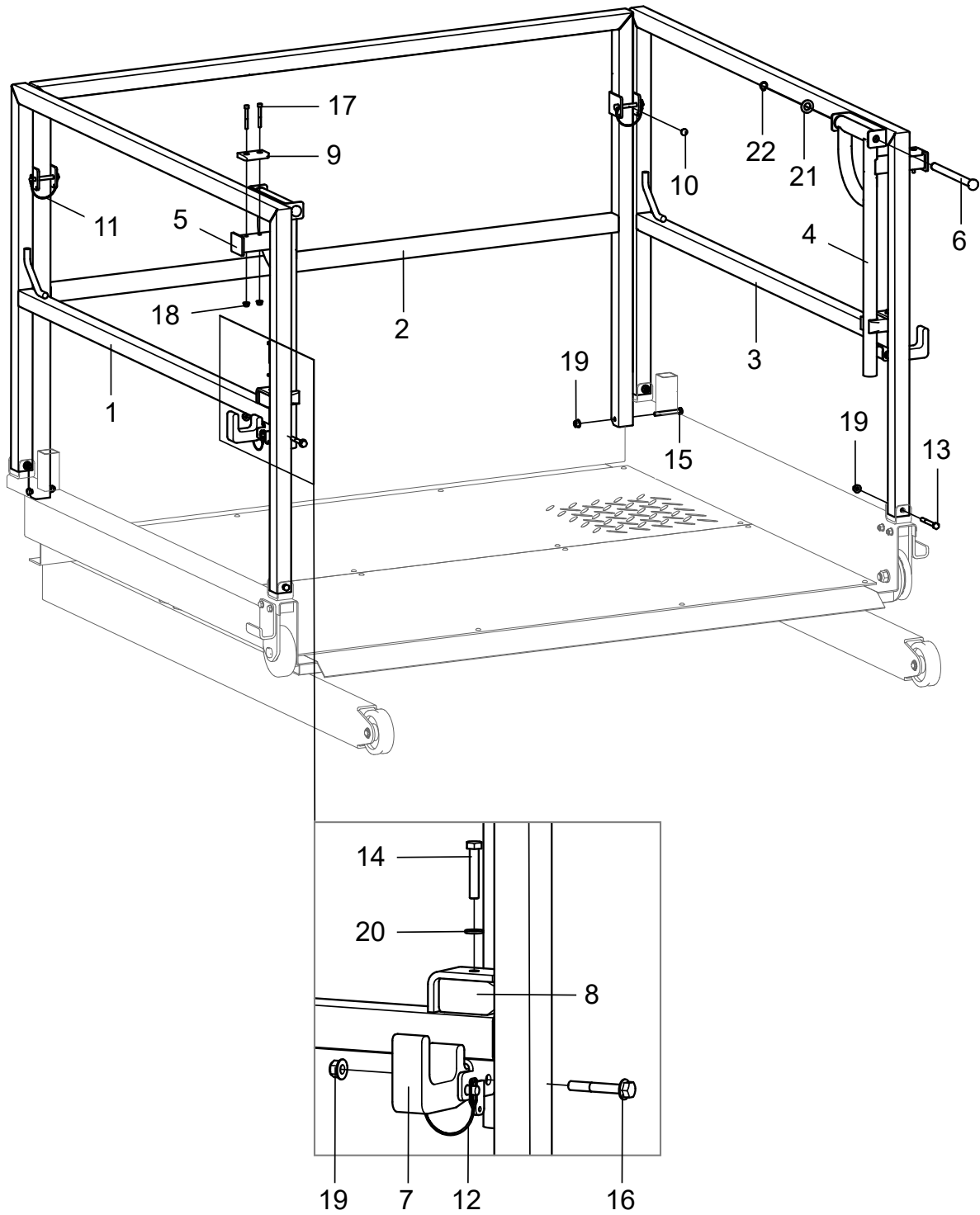
No.	Part No.	Qty.	Description
17	215040000083	4	Retaining ring 20-DKL GB/T 894.1
18	102005040025	2	Plate
19	115006043051	1	Roller

3.2.4 FIXED PLATFORM RAILS INSTALLATION



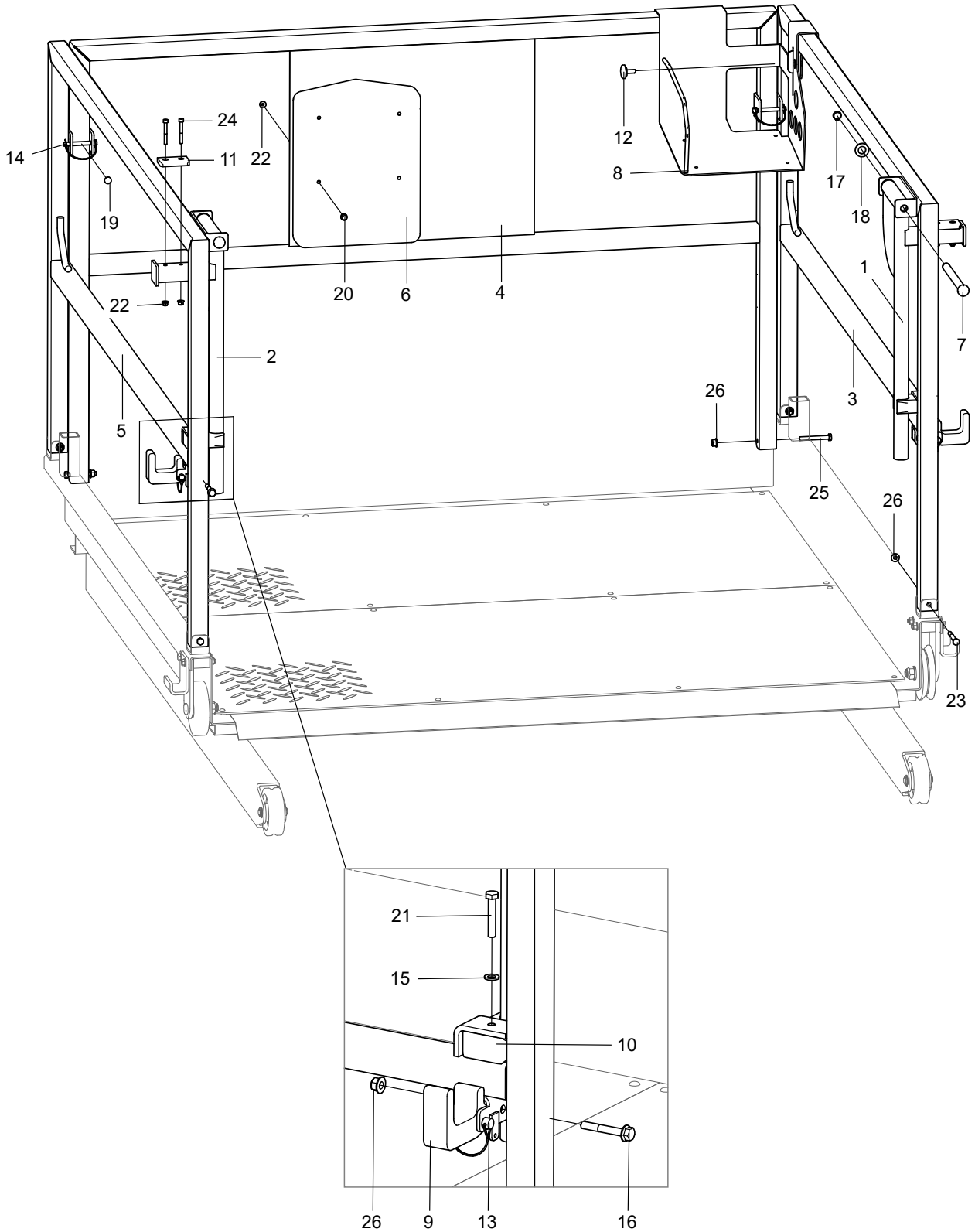
No.	Part No.	Qty.	Description
1	115006043046	1	Outer rail 4
2	115006043036	1	Outer rail 1
3	115006043040	1	Outer rail 2
4	115006043042	1	Outer rail 3
5	209020003003	8	Safety pin
6	215010000005	8	Bolt M8×70-8.8-ZnD GB/T 5782
7	215030000108	8	Nut M8-8-ZnD GB/T 6183

3.2.5 FRONT EXTENDED PLATFORM RAILS INSTALLATION



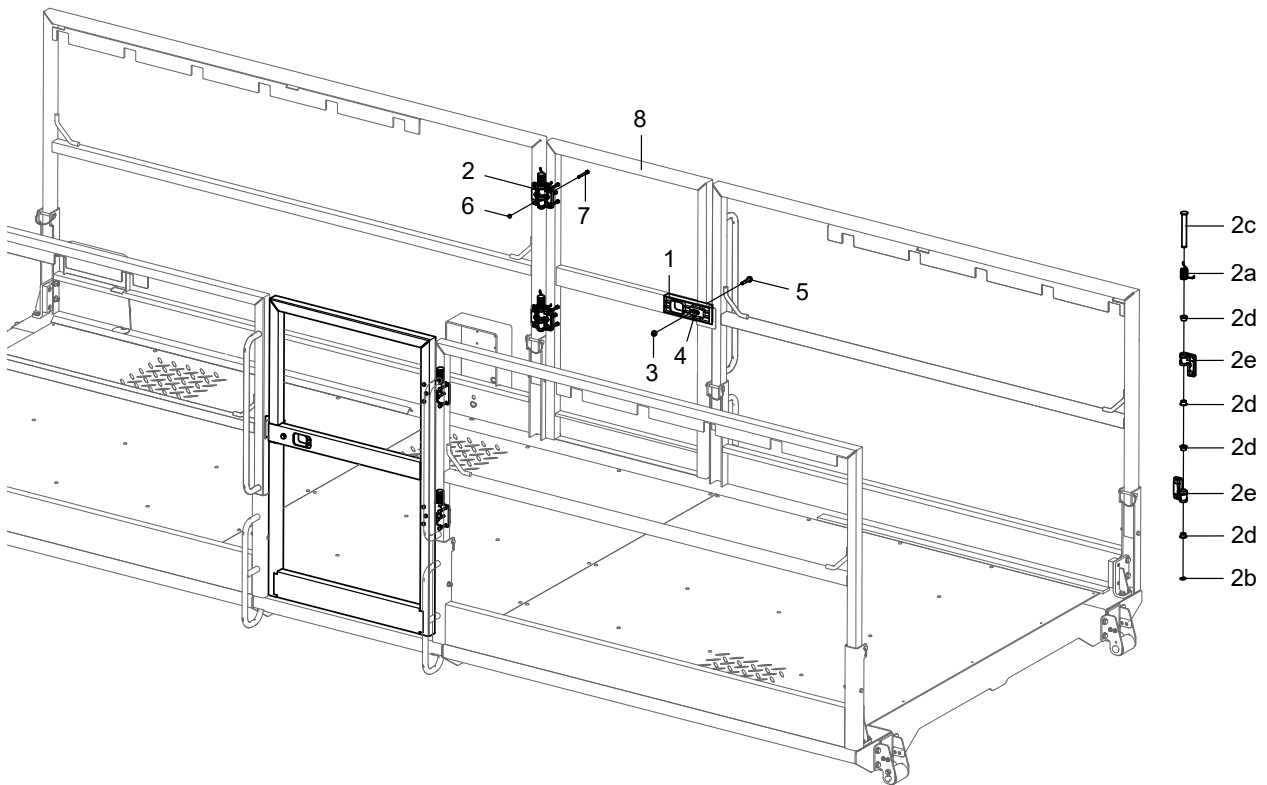
No.	Part No.	Qty.	Description
1	102005040015	1	Inner rail 1
2	102005040080	1	Rail, front
3	102005040088	1	Inner rail 2
4	102005040107	1	Handle
5	102001040003	1	Handle
6	102001040018	2	Clevis pin XJΦ16-206
7	102005040010	2	Limit block
8	102005040029	2	PE ferrule
9	115006043014	2	Cushion
10	209010000002	2	Bumper
11	209020003003	2	Safety pin
12	209020000005	2	Safety pin
13	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
14	215010000062	2	Bolt M8×45-8.8-ZnD GB/T 5783
15	215010000066	2	Bolt M8×65-8.8-ZnD GB/T 5783
16	215010000288	2	Bolt M8×55-8.8-ZnD GB/T 5789
17	215020000018	4	Screw M6×50-A2-70 GB/T 70.1
18	215030000107	2	Nut M6-8-ZnD GB/T 6183
19	215030000108	8	Nut M8-8-ZnD GB/T 6183
20	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
21	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
22	215040000081	2	Retaining ring

3.2.6 REAR EXTENDED PLATFORM RAILS INSTALLATION



No.	Part No.	Qty.	Description
1	102005040107	1	Handle
2	102001040003	1	Handle
3	102005040044	1	Inner rail 3
4	102005040041	1	Rail, rear
5	102005040084	1	Inner rail 4
6	216070000001	1	Manual storage container
7	102001040018	2	Clevis pin XJΦ16-206
8	102004060022	1	Bracket
9	102005040010	2	Limit block
10	102005040029	2	PE ferrule
11	115006043014	2	Cushion
12	209030003005	1	Bolt M8
13	209020000005	2	Safety pin
14	209020003003	2	Safety pin
15	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
16	215010000288	2	Bolt M8×55-8.8-ZnD GB/T 5789
17	215040000081	2	Retaining ring
18	215040000039	2	Washer 16-200HV-ZnD GB/T 97.1
19	209010000002	2	Bumper
20	215010000230	4	Bolt M6×16-8.8-ZnD GB/T 5789
21	215010000062	2	Bolt M8×45-8.8-ZnD GB/T 5783
22	215030000107	8	Nut M6-8-ZnD GB/T 6183
23	215010000005	4	Bolt M8×70-8.8-ZnD GB/T 5782
24	215020000018	4	Screw M6×50-A2-70 GB/T 70.1
25	215010000066	2	Bolt M8×65-8.8-ZnD GB/T 5783
26	215030000108	8	Nut M8-8-ZnD GB/T 6183

3.2.7 PLATFORM ENTRY GATE INSTALLATION

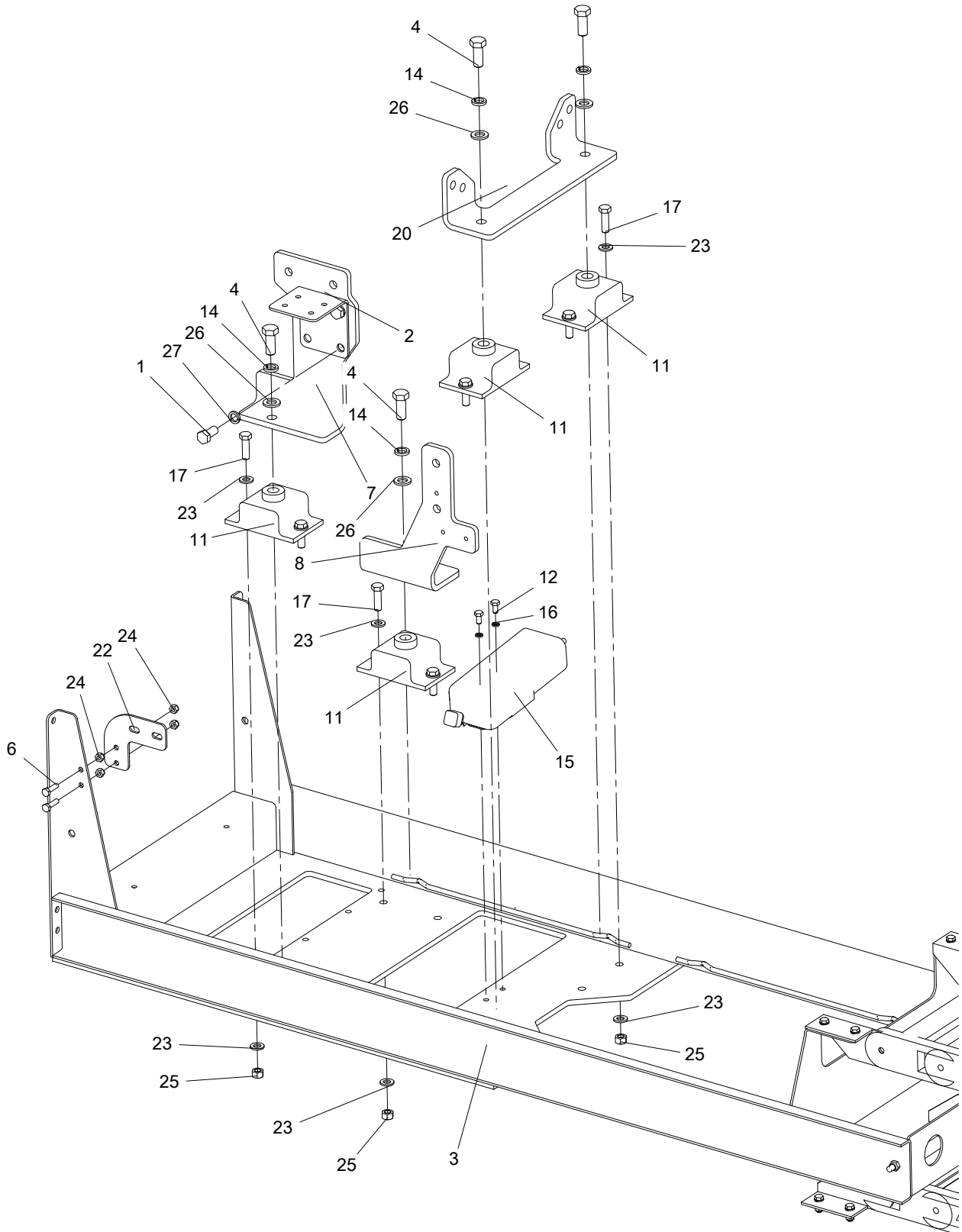


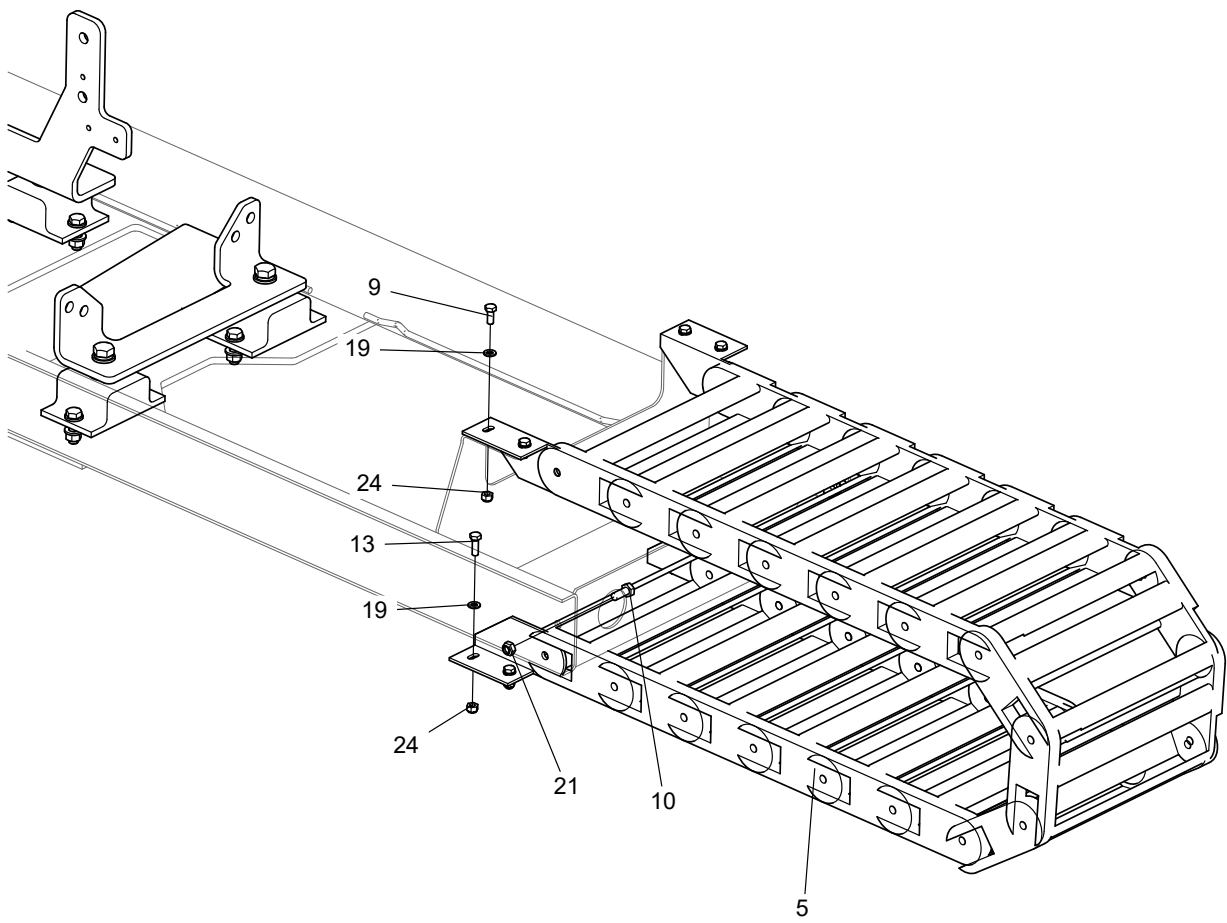
No.	Part No.	Qty.	Description
1	101012040056	2	Lock
2a	101015040005	1	Spring
2b	215040000081	1	Retaining ring
2c	101015040006	1	Clevis pin XJΦ16-131
2d	214030000051	4	Bearing
2e	101015040004	2	Hinge gasket
2	101015040007	4	Hinge assembly
3	215030000108	2	Nut M8-8-ZnD GB/T 6183
4	101019040001	2	Spring
5	215010000257	2	Bolt M8×45-8.8-ZnD GB/T 5789
6	215030000025	24	Nut M6-8-A2-70 GB/T 889.1
7	215010000205	24	Bolt M6×55-A2-70 GB/T5783
8	102005040019	2	Door

4 ENGINE INSTALLATION

4.1 ENGINE INSTALLATION(DEUTZ/EURO 3)

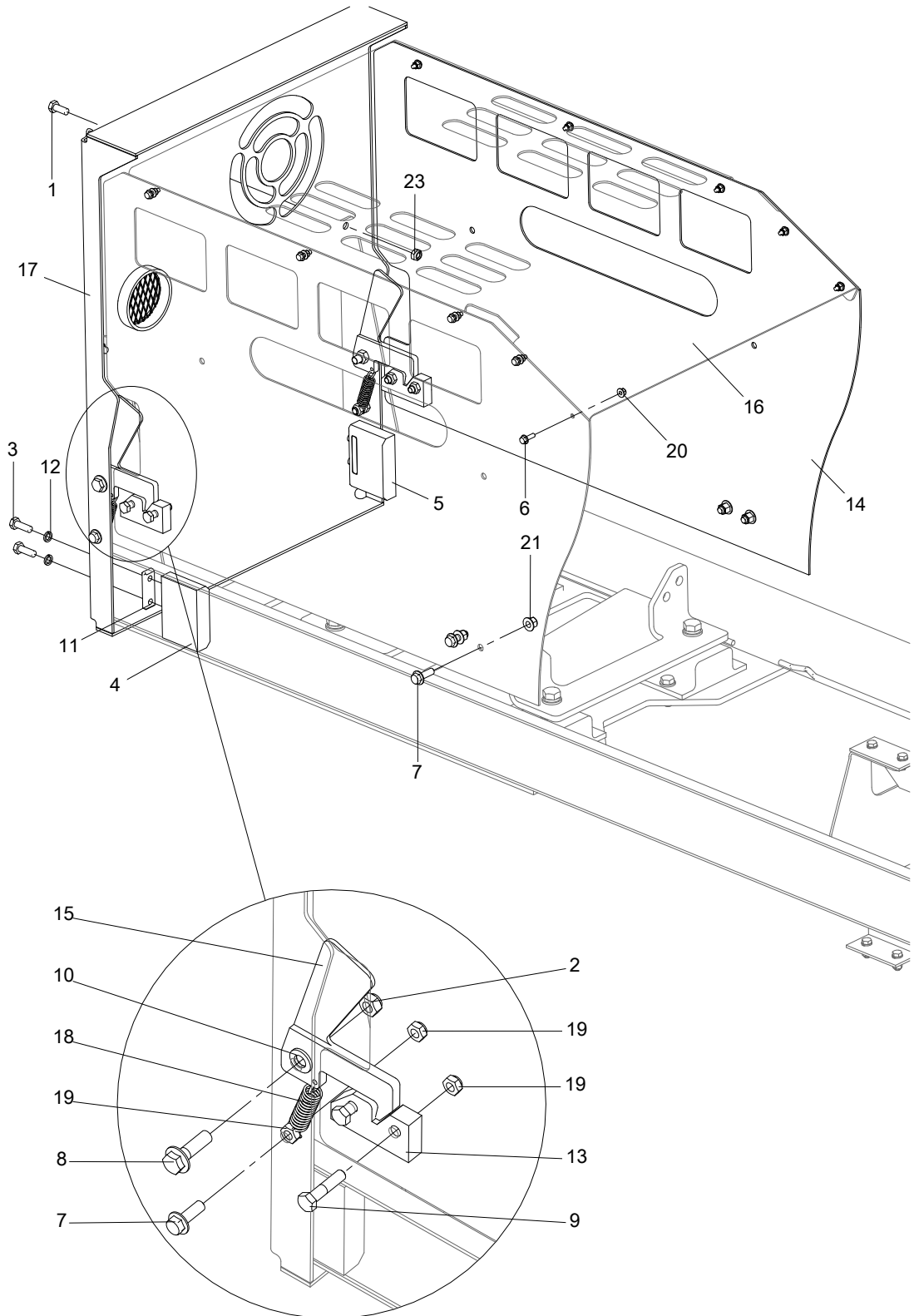
4.1.1 ENGINE SUPPORT INSTALLATION(DEUTZ ENGINE)





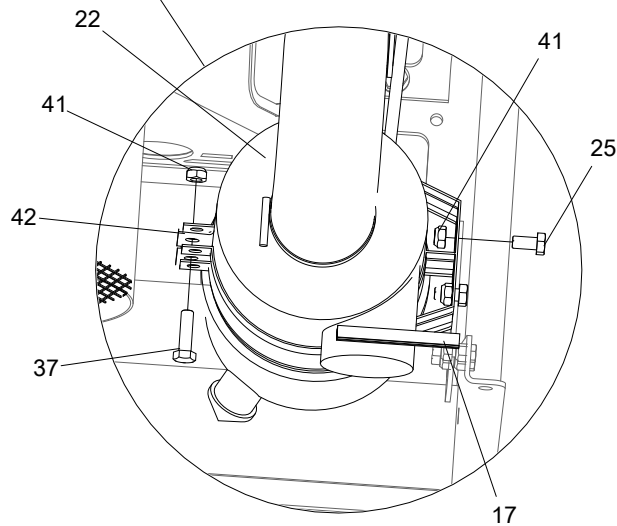
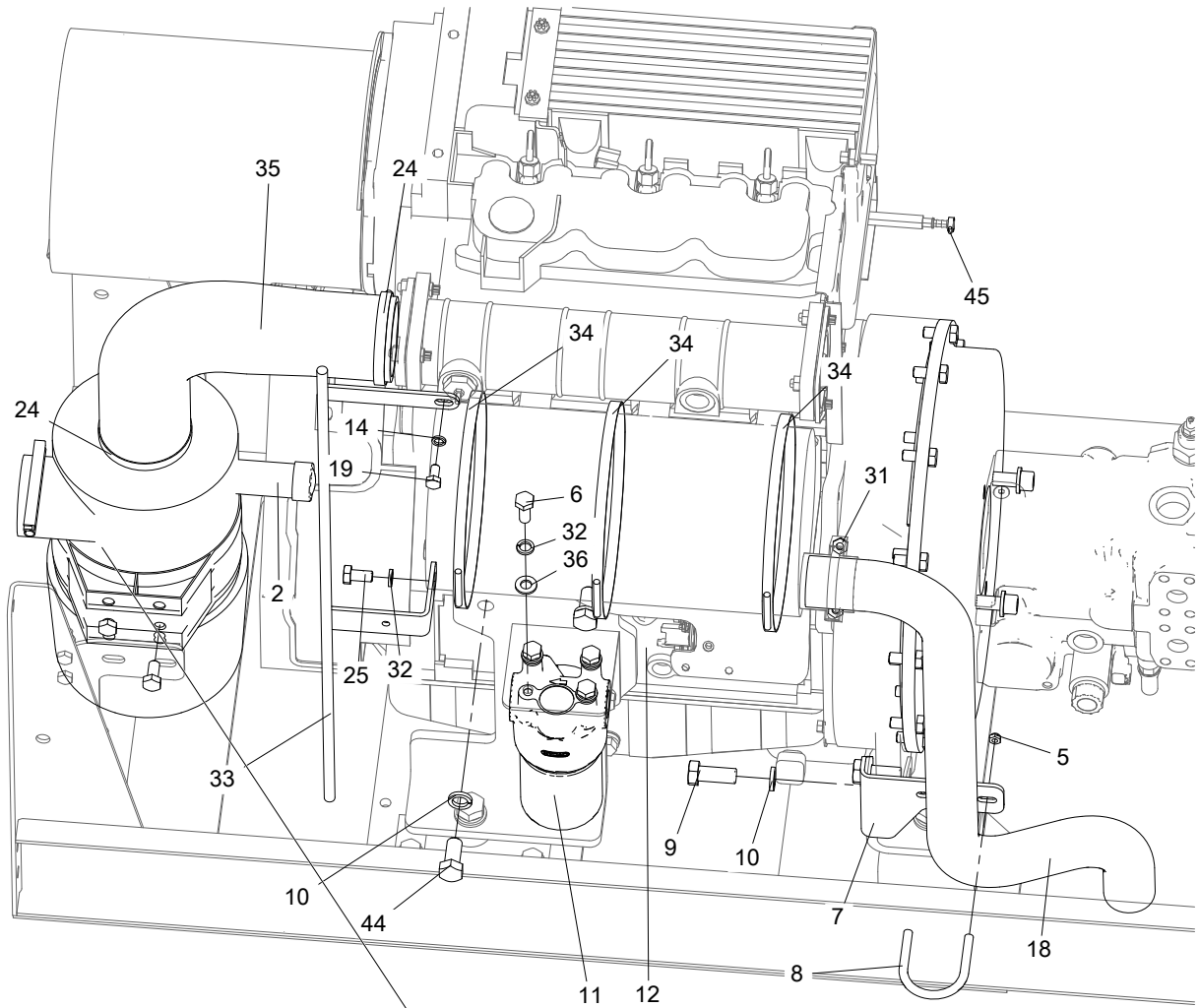
No.	Part No.	Qty.	Description
1	215010000184	2	Bolt M14×30-8.8 GB/T 5783
2	102001030191	1	Plate, bending
3	102001030179	1	Engine tray
4	215010000110	4	Bolt M16×40-8.8-ZnD GB/T 5783
5	204190000016	1	Cable track, steel
6	215010000059	2	Bolt M8×30-8.8-ZnD GB/T 5783
7	102001030195	1	Plate, bending
8	102001030162	1	Plate, bending
9	215010000057	4	Bolt M8×20-8.8-ZnD GB/T 5783
10	215010000069	2	Bolt M10×25-8.8-ZnD GB/T 5783
11	216040000003	4	Cushion
12	215010000056	2	Bolt M8×16-8.8-ZnD GB/T 5783
13	215010000058	4	Bolt M8×25-8.8-ZnD GB/T 5783
14	215040000008	4	Washer 16-ZnD GB/T 93
15	203020000004	1	Start/stop controller
16	215040000005	2	Washer 8-ZnD GB/T 93
17	215010000094	8	Bolt M12×40-8.8-ZnD GB/T 5783
18	216020000004	2	Clamp, non-perforated, DIN
19	215040000034	8	Washer 8-200HV-ZnD GB/T 97.1
20	102001030181	1	Mounting plate
21	215030000027	2	Nut M10-8-ZnD GB/T 6184
22	102001030193	1	Plate
23	215040000037	16	Washer 12-200HV-ZnD GB/T 97.1
24	215030000026	12	Nut M8-8-ZnD GB/T889.1
25	215030000008	8	Nut M12-8-ZnD GB/T 6170
26	215040000039	4	Washer 16-200HV-ZnD GB/T 97.1
27	215040000106	2	Washer 14-ZnD GB/T 93

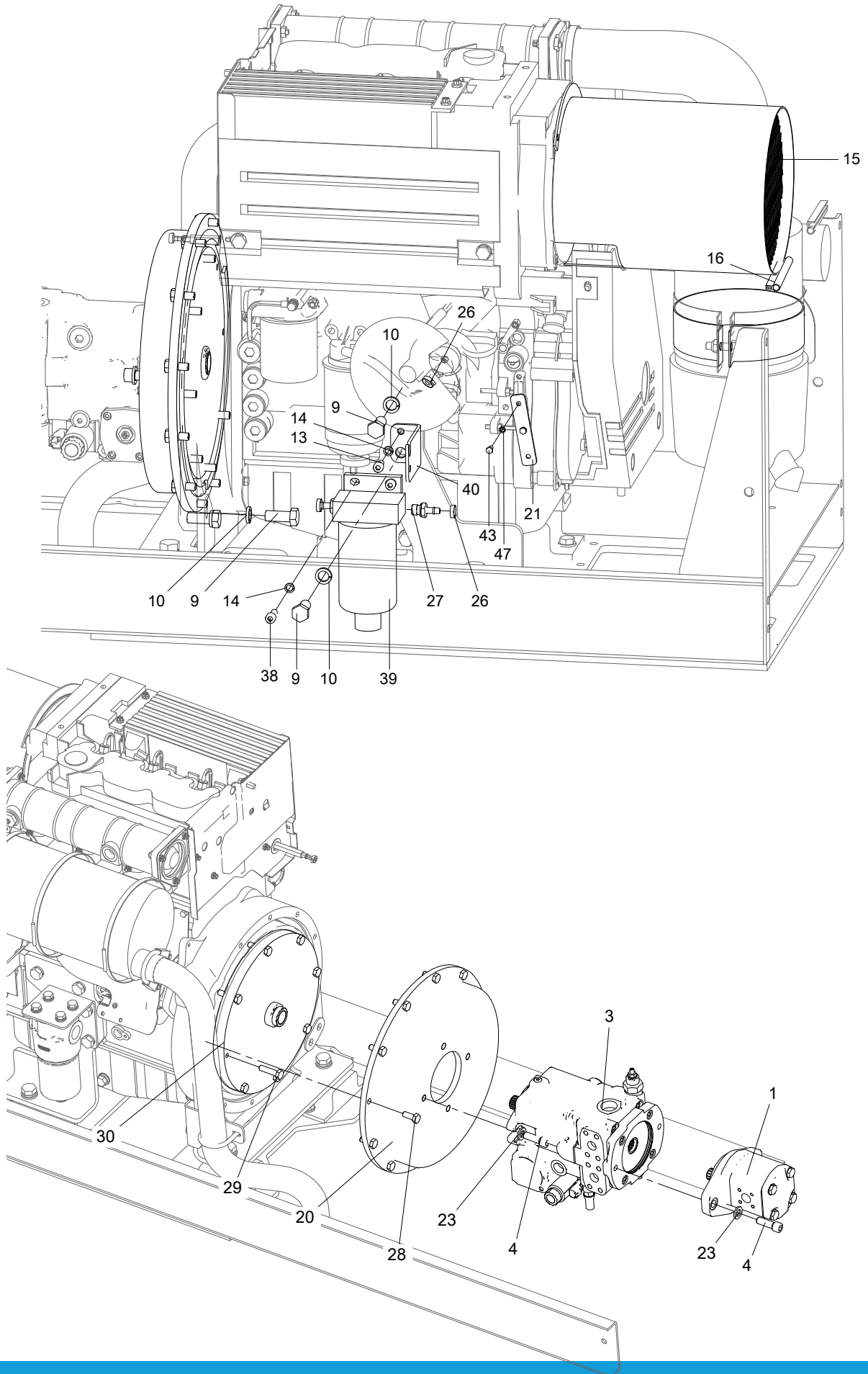
4.1.2 ENGINE COVER INSTALLATION



No.	Part No.	Qty.	Description
1	215010000069	2	Bolt M10×25-8.8-ZnD GB/T 5783
2	215030000029	2	Nut M12-8-ZnD GB/T 6184
3	215010000071	4	Bolt M10×30-8.8-ZnD GB/T 5783
4	102001030244	1	Pad
5	102001030245	1	Pad
6	215010000231	10	Bolt M6×20-8.8-ZnD GB/T 5789
7	215010000239	6	Bolt M10×30-8.8-ZnD GB/T 5789
8	215010000244	2	Bolt M12×40-8.8 ZnD GB/T 5789
9	215010000007	4	Bolt M10×45-8.8-ZnD GB/T 5782
10	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
11	102001030243	2	Plate
12	215040000006	4	Washer 10-ZnD GB/T 93
13	102001030163	2	Nylon block
14	102001030166	2	Side plate
15	102001030170	2	Plate
16	102001030176	1	Cover
17	102001030247	1	Engine side plate
18	210070000004	2	Spring
19	215030000027	8	Nut M10-8-ZnD GB/T 6184
20	215030000107	10	Nut M6-8-ZnD GB/T 6183
21	215030000109	4	Nut M10-8-ZnD GB/T 6183
23	215030000027	2	Nut M10-8-ZnD GB/T 6184

4.1.3 ENGINE INSTALLATION(DEUTZ ENGINE)

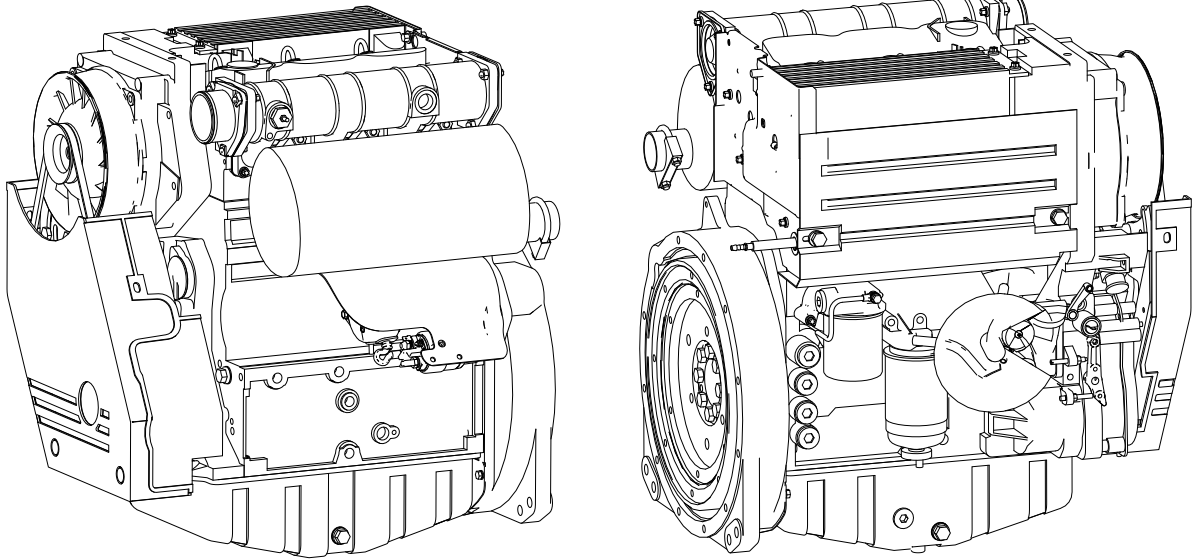




No.	Part No.	Qty.	Description
1	202010000042	1	Gear pump
1a	207990003182	1	Seal kit, gear pump
2	216080000004	1	Indicator, air filter
3	105001050065		Closed variable displacement pump options
3-1	202010000054	1	Closed variable displacement pump(1000026)
3-1a	207990003118	1	Seal kit, closed-circuit pump
3-2	202010000045	1	Closed variable displacement pump(1000054)
3-2a	207990003106	1	Seal kit,Closed-circuit pump
4	215080000005	4	Screw 1/2-13UNC-1.5-GR8-DKL ASME B18.3
5	215030000025	2	Nut M6-8-A2-70 GB/T 889.1
6	215010000069	4	Bolt M10×25-8.8-ZnD GB/T 5783
7	102001030186	1	Plate, bending
8	102001030167	1	Round steel
9	215010000181	6	Bolt M14×35-8.8 GB/T5783
10	215040000106	8	Washer 14-ZnD GB/T 93
11	202080000046	1	High pressure filter
12	201010000006	1	Deutz engine(Euro III)
13	215020000022	1	Screw M8×16-8.8-ZnD GB/T 70.1
14	215040000005	4	Washer 8-ZnD GB/T 93
15	102001030164	1	Wind hood
16	207070000001	1	Rubber seal
17	207070000002	1	Rubber seal
18	102001030187	1	Exhaust pipe
19	215010000056	1	Bolt M8×16-8.8-ZnD GB/T 5783
20	102001030196	1	Flange disc
21	102001010091	1	Plate
22	201020000013	1	Air filter
23	215040000051	4	Washer 12-DKL GB/T 1230
24	216020000015	2	T-clamp
25	215010000068	3	Bolt M10×20-8.8-ZnD GB/T 5783
26	216020000004	4	Clamp, non-perforated, DIN
27	102001010093	2	Adapter
28	215010000070	12	Bolt M10×25-10.9-DKL GB/T 5783
29	215010000075	8	Bolt M10×40-8.8-ZnD GB/T 5783
30	204040000002	1	Shaft coupling
31	215030000005	2	Nut M8-8-ZnD GB/T 6170
32	215040000006	5	Washer 10-ZnD GB/T 93

No.	Part No.	Qty.	Description
33	102001030173	1	Rod, cable routing
34	216020000035	3	Clamp (190-210)
35	102001030165	1	Hose, intake
36	215040000035	4	Washer 10-200HV-ZnD GB/T 97.1
37	215010000073	1	Bolt M10×35-8.8-ZnD GB/T 5783
38	215020000024	2	Screw M8×25-8.8-ZnD GB/T 70.1
39	201050000009	1	Diesel strainer
40	102001030161	1	Plate, bending
41	215030000027	3	Nut M10-8-ZnD GB/T 6184
42	102001030220	1	Clamp, A753
43	215010000041	2	Bolt M5×12-A2-70 GB/T 5783
44	215010000184	2	Bolt M14×30-8.8 GB/T 5783
45	216020000021	2	Clamp
46	102004030225	1	Reducing coupler
47	215040000003	2	Washer 5-A2-70 GB/T 93
48	207990003106	1	Seal kit,Closed-circuit pump

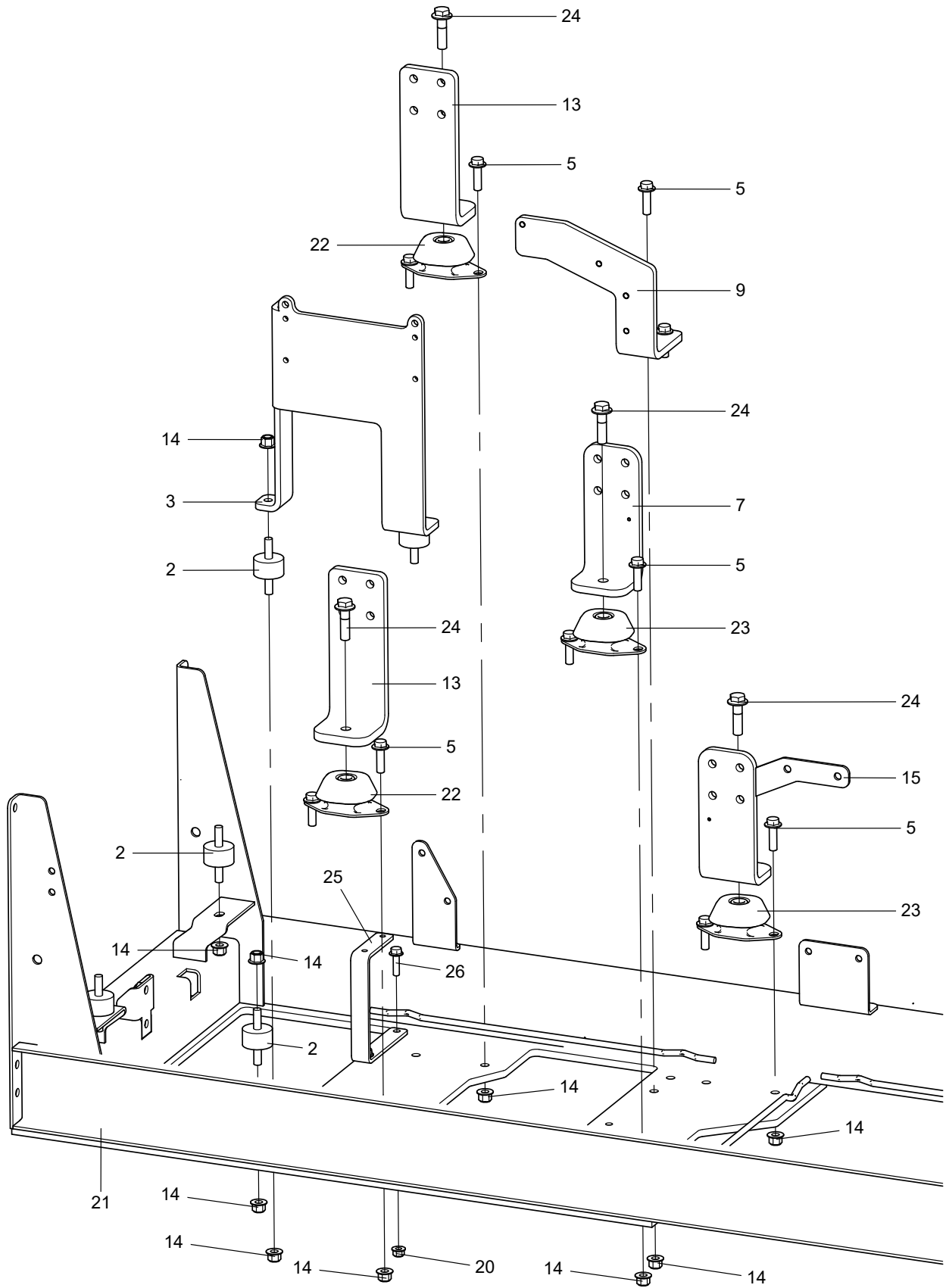
4.1.4 DEUTZ ENGINE D2011 L03I (PN.201010000006)

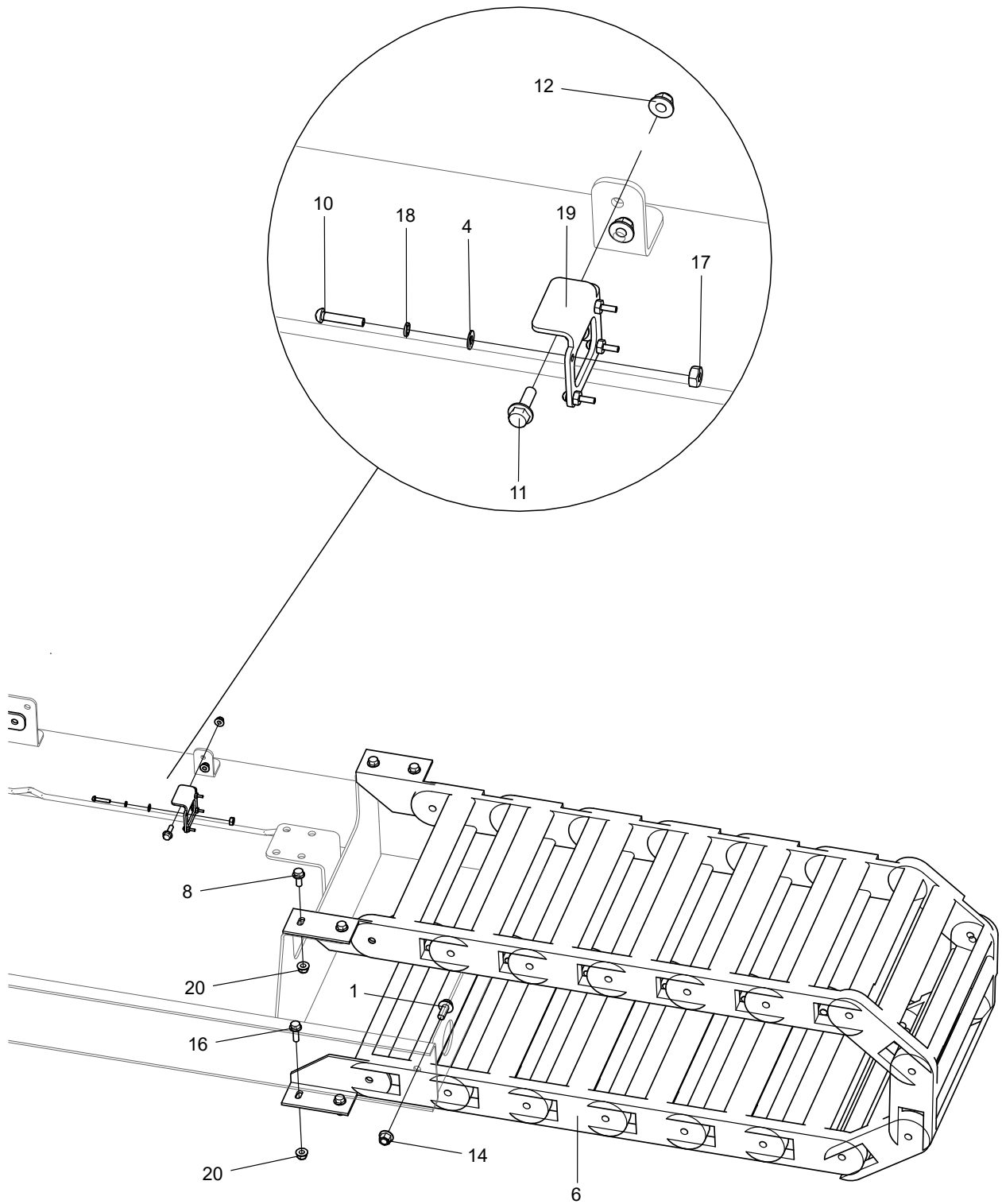


No.	Part No.	Qty.	Description
1	201990003050	1	Starting Motor
2	216070000013	1	Filter element, fuel-water separator
3	203020000004	1	Start/stop controller
4	201020000013	1	Air filter
5	201990003052	1	Belt roller
6	201990000036	1	Air filter main element
7	201990000038	1	Air filter safety element
8	201990003051	1	Generator
9	201990000072	1	Belt
10	201990000039	1	Engine oil filter element
11	201990000037	1	Diesel filter element
12	201050000001	1	Diesel strainer
13	201990003053	1	Oil pan screw

4.2 ENGINE INSTALLATION(YANMAR/EURO 5,TIRE 4)

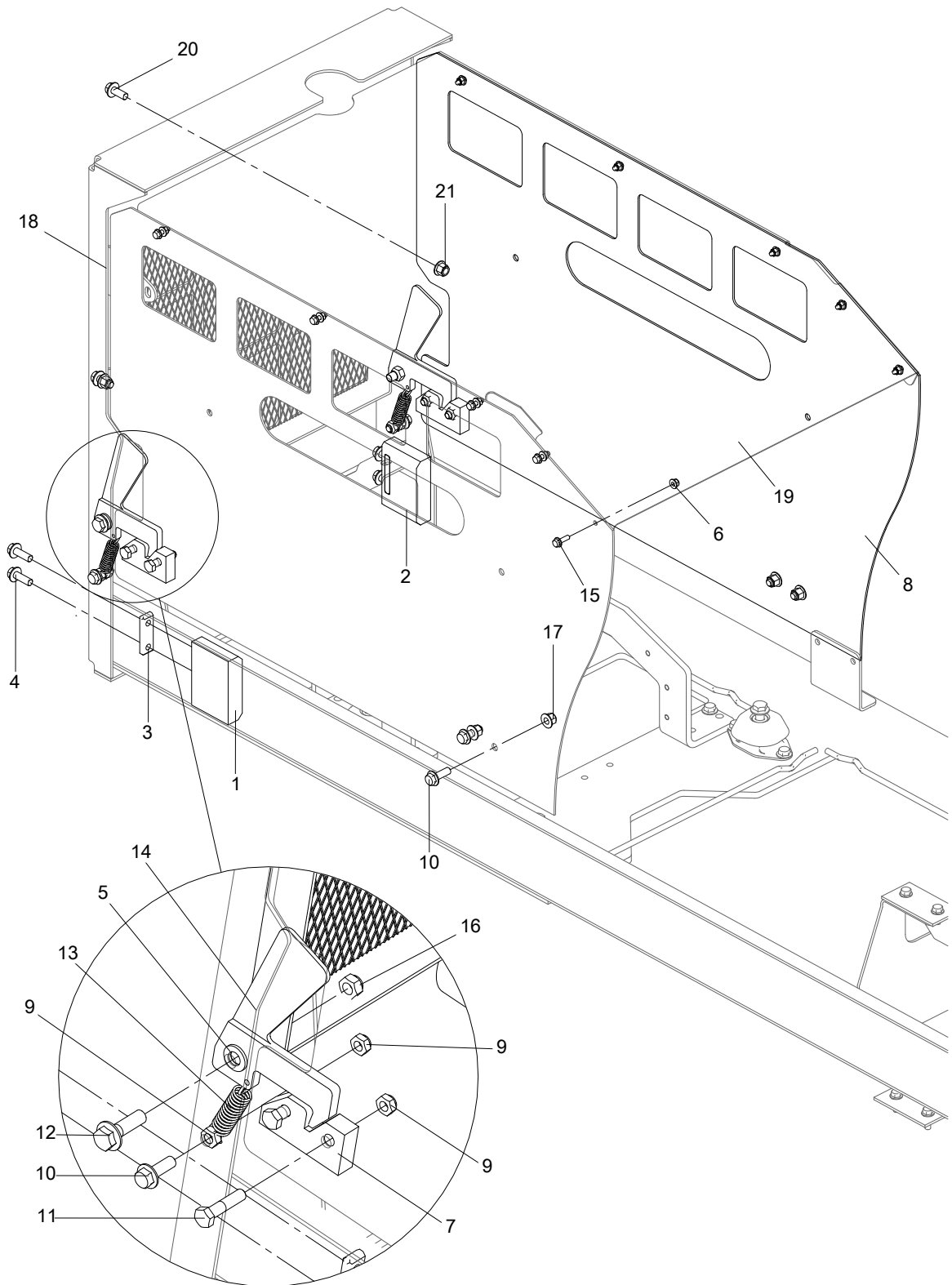
4.2.1 ENGINE SUPPORT INSTALLATION





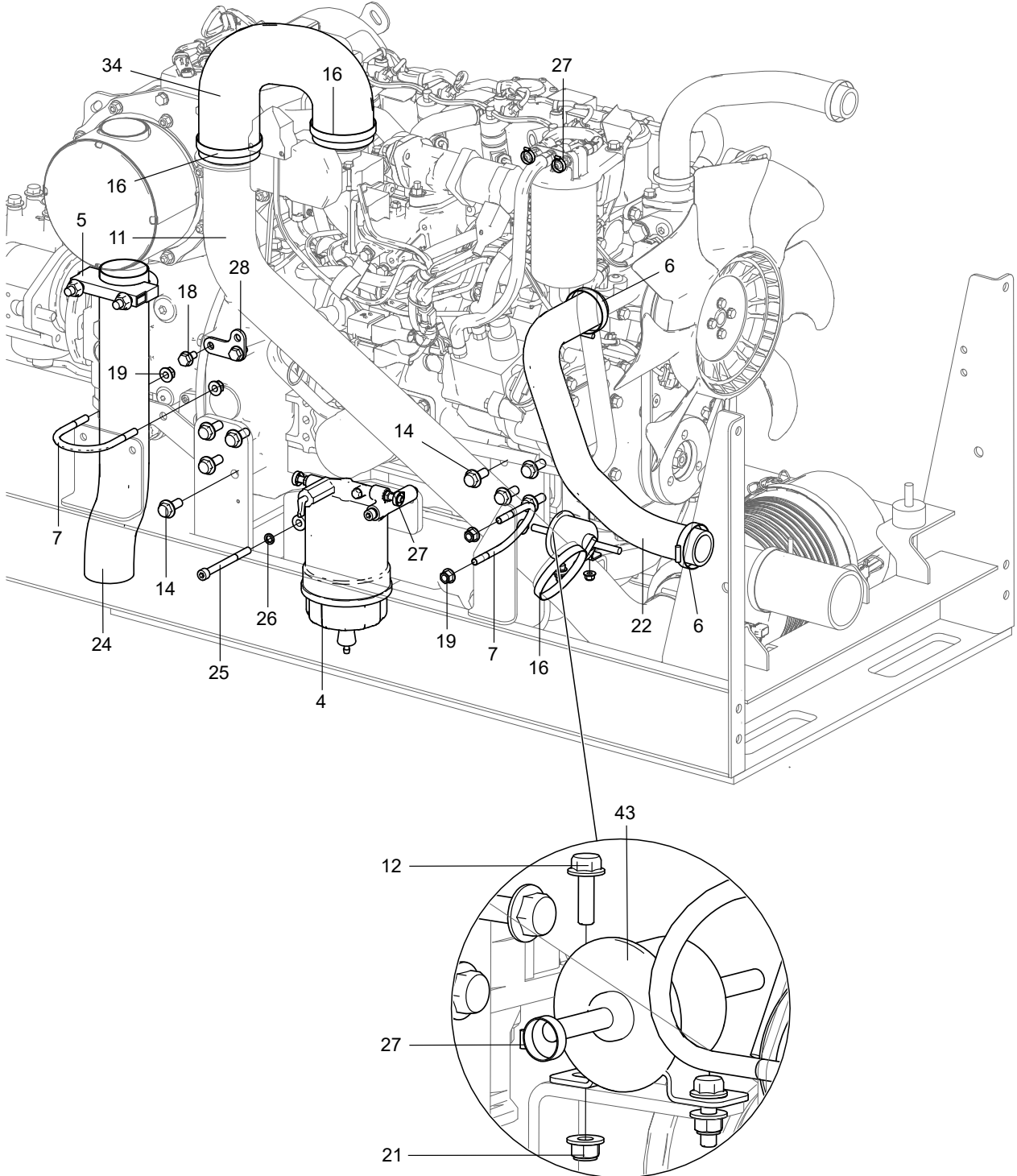
No.	Part No.	Qty.	Description
1	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
2	216030000002	5	Cushion, water tank
3	102013033008	1	Plate, bending
4	215040000030	4	Washer 3-A2 GB/T 97.1
5	215010000248	10	Bolt M10x35-8.8 ZnD GB/T 5789
6	204190000016	1	Cable track, steel
7	102013033006	1	Plate, bending
8	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
9	102013033034	1	Plate, bending
10	215020000102	4	Screw M3×16-A2-70 GB/T 818
11	215010000231	2	Bolt M6×20-8.8-ZnD GB/T 5789
12	215030000107	2	Nut M6-8-ZnD GB/T 6183
13	102013033005	2	Plate, bending
14	215030000109	20	Nut M10-8-ZnD GB/T 6183
15	102013033100	1	Bracket
16	215010000235	4	Bolt M8×25-8.8-ZnD GB/T 5789
17	215030000002	4	Nut M4-8-A2-70 GB/T 6170
18	215040000001	4	Washer 3-A2-70 GB/T 93
19	105072063020	1	Receptacle mount
20	215030000108	10	Nut M8-8-ZnD GB/T 6183
21	102013033002	1	Engine tray
22	216040003004	2	Cushion
23	216040003005	2	Cushion
24	215010000293	4	Bolt M12×45-8.8 ZnD GB/T 5789
25	102013033102	1	Channel plate
26	215010000236	2	Bolt M8×30-8.8-ZnD GB/T 5789

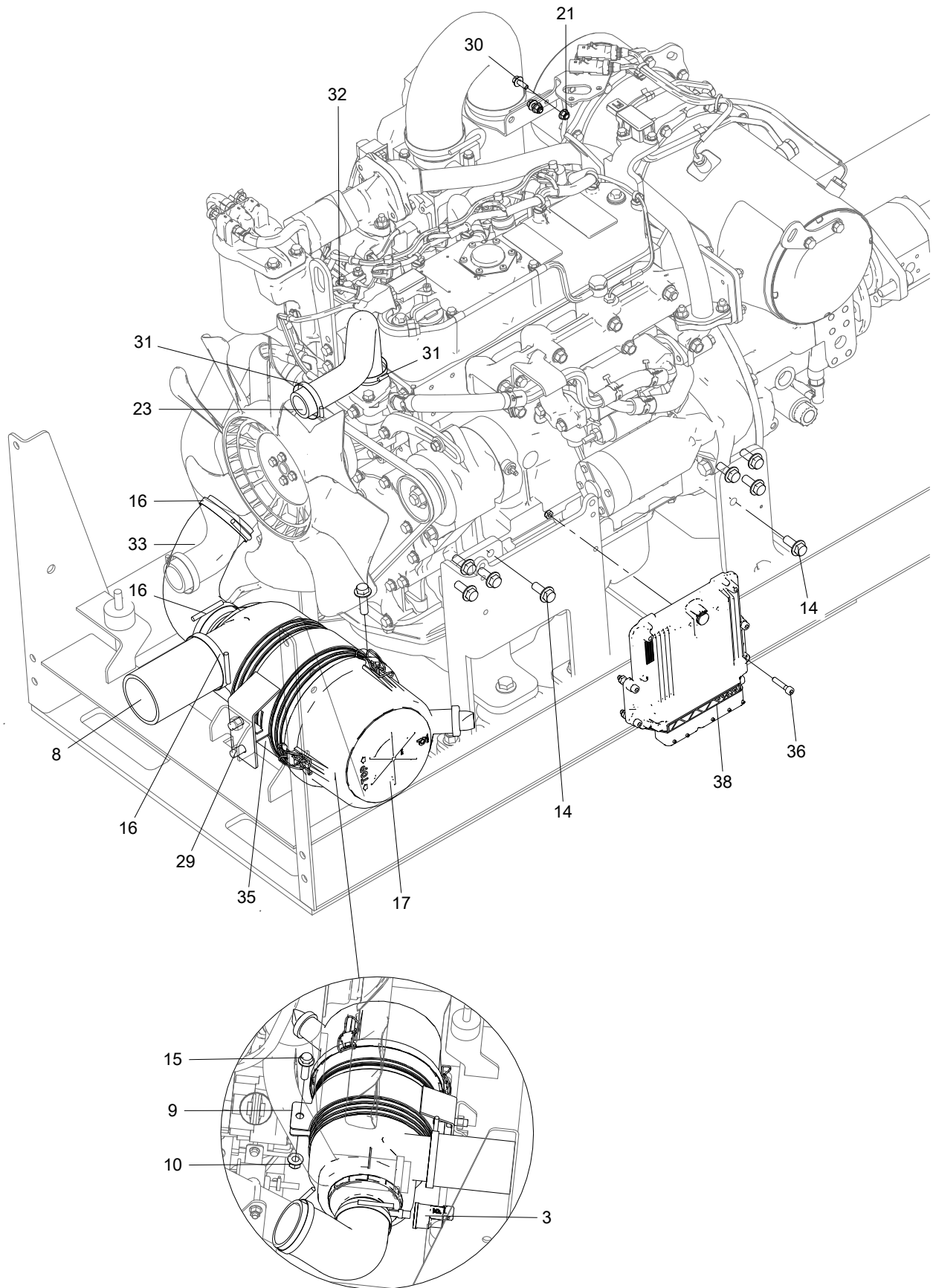
4.2.2 ENGINE COVER INSTALLATION

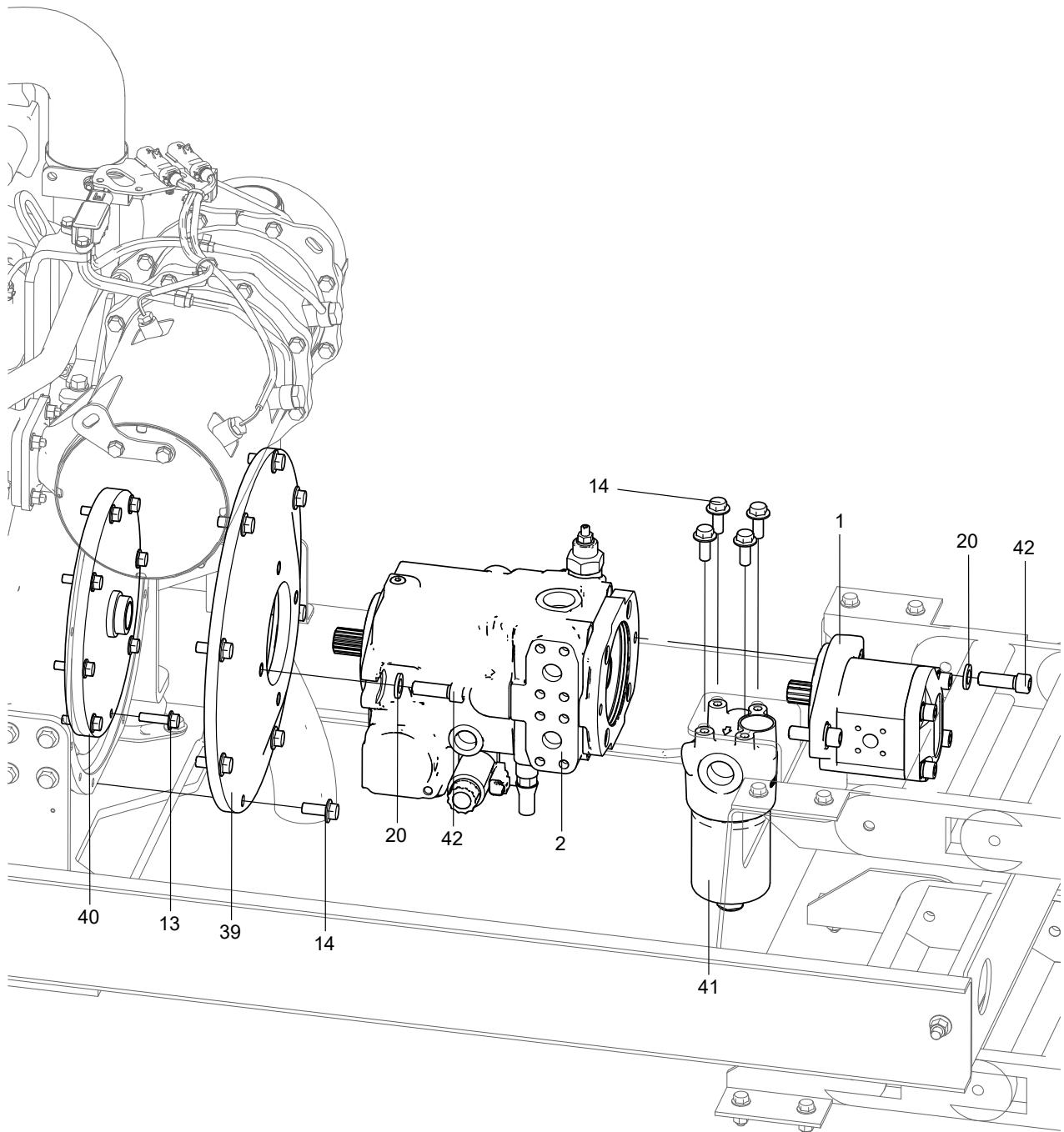


No.	Part No.	Qty.	Description
1	102001030244	1	Pad
2	102001030245	1	Pad
3	102001030243	2	Plate
4	215010000239	4	Bolt M10×30-8.8-ZnD GB/T 5789
5	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
6	215030000107	10	Nut M6-8-ZnD GB/T 6183
7	102001030163	2	Nylon block
8	102001030166	2	Side plate
9	215030000027	8	Nut M10-8-ZnD GB/T 6184
10	215010000239	6	Bolt M10×30-8.8-ZnD GB/T 5789
11	215010000007	4	Bolt M10×45-8.8-ZnD GB/T 5782
12	215010000244	2	Bolt M12×40-8.8 ZnD GB/T 5789
13	210070000004	2	Spring
14	102001030170	2	Plate
15	215010000231	10	Bolt M6×20-8.8-ZnD GB/T 5789
16	215030000029	2	Nut M12-8-ZnD GB/T 6184
17	215030000109	4	Nut M10-8-ZnD GB/T 6183
18	102013033016	1	Engine side plate
19	102013033041	1	Cover
20	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
21	215030000109	2	Nut M10-8-ZnD GB/T 6183

4.2.3 ENGINE INSTALLATION



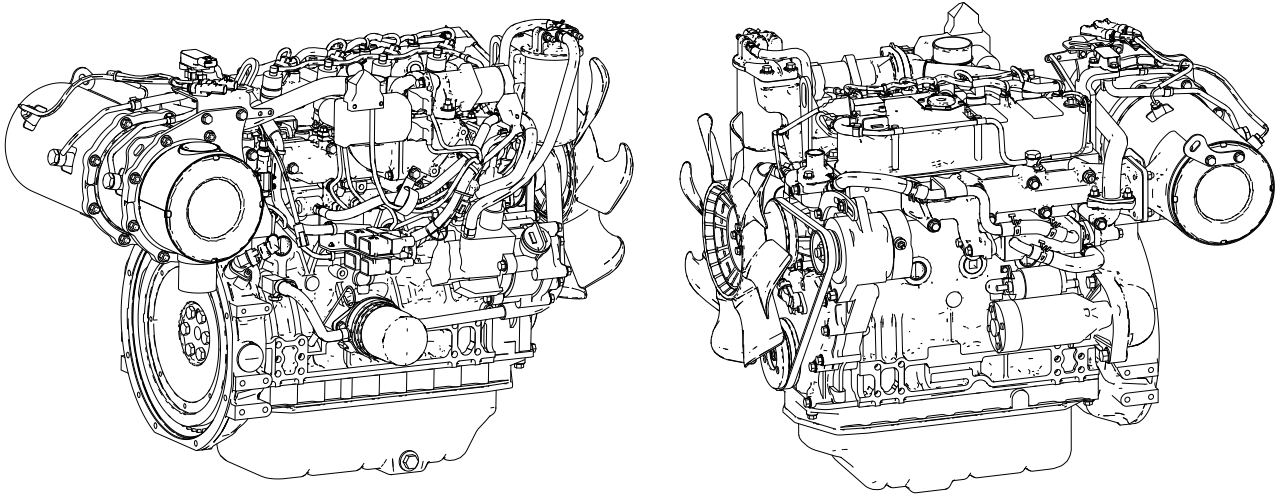




No.	Part No.	Qty.	Description
1	202010000042	1	Gear pump
1a	207990003182	1	Seal kit, gear pump
2	105001050065		Closed variable displacement pump options
2-1	202010000054	1	Closed variable displacement pump(1000026)
2-1a	207990003118	1	Seal kit, closed-circuit pump
2-2	202010000045	1	Closed variable displacement pump(1000054)
2-2a	207990003106	1	Seal kit,Closed-circuit pump
3	201020003007	1	Blockage sensor, air filter
4	201050003011	1	Fuel-water separator
5	201010003022	1	Clamp, U-shaped exhaust pipe
6	216020000002	2	Clamp, non-perforated, DIN
7	102013033032	2	U-bolt
8	102013033026	1	Tube
9	102013033094	1	Clamp
10	215030000109	1	Nut M10-8-ZnD GB/T 6183
11	102013033035	1	Hose, intake
12	215010000231	2	Bolt M6×20-8.8-ZnD GB/T 5789
13	215010000236	8	Bolt M8×30-8.8-ZnD GB/T 5789
14	215010000238	28	Bolt M10×25-8.8-ZnD GB/T 5789
15	215010000248	1	Bolt M10x35-8.8 ZnD GB/T 5789
16	216020000006	5	T-clamp
17	201020000029	1	Air filter
18	215010000286	2	Bolt M8×16-8.8-ZnD GB/T 5789
19	215030000108	4	Nut M8-8-ZnD GB/T 6183
20	215040000051	4	Washer 12-DKL GB/T 1230
21	215030000107	4	Nut M6-8-ZnD GB/T 6183
22	102013033012	1	Hose, water supply
23	102013033011	1	Pipe, water outlet
24	102013033014	1	Exhaust pipe
25	215020000246	2	Screw M8×90-8.8-ZnD GB/T70.1
26	215040000005	2	Washer 8-ZnD GB/T 93
27	216020000004	6	Clamp, non-perforated, DIN
28	102013033033	1	Plate
29	215010000237	2	Bolt M10×20-8.8-ZnD GB/T 5789
30	215010000230	2	Bolt M6×16-8.8-ZnD GB/T 5789
31	216020000003	2	Clamp, non-perforated, DIN
32	201010003018	1	Yanmar engine 4TNV88C-DFLT

No.	Part No.	Qty.	Description
33	102013033030	1	Hose, intake
34	102013033024	1	Hose, intake
35	102013033095	1	Bend plate
36	215020000014	4	Screw M6×30-A2-70 GB/T 70.1
37	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
38	203020003037	1	ECU
39	102013033007	1	Flange disc
40	204040000001	1	Shaft coupling
41	202080000046	1	High pressure filter
42	215080000005	4	Screw 1/2-13UNC-1.5-GR8-DKL ASME B18.3
43	201050003012	1	Electric feed pump

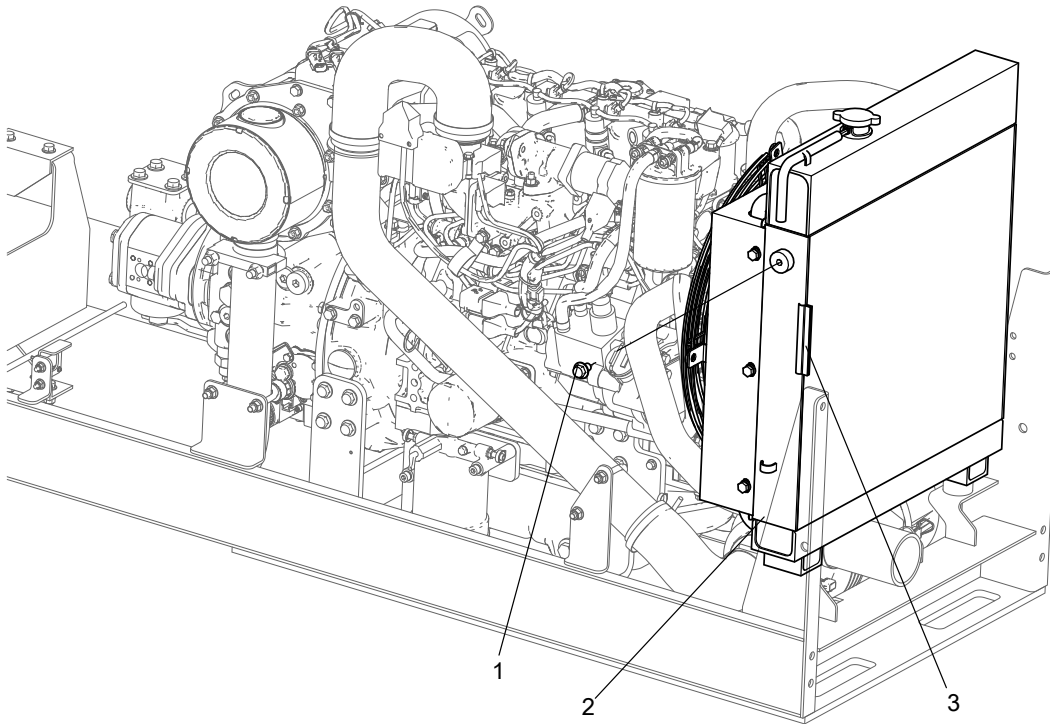
4.2.4 ENGINE-YANMAR 4TNV88C-DFLT(PN.201010003018)



No.	Part No.	Qty.	Description
1	201990003039	1	Generator
2	203020003037	1	ECU
3	201990003049	1	Oil pan screw
4	216990000023	1	Air filter element, inner
5	201990003041	1	Water temperature sensor
6	201990003043	1	Oil pressure switch
7	201990003047	1	Camshaft sensor
8	201990003048	1	Common rail pressure sensor
9	201010003040	1	Starting Motor
10	201990003044	1	Thermostat
11-1	216990003036	1	Engine oil filter element
11-2	216990003050	1	Engine oil filter element
12	201990003046	1	Oil pump
13	201050003011	1	Fuel-water separator
14	201020000029	1	Air filter
15	201990003042	1	Crankshaft position sensor
16	201990003040	1	Belt roller
17	204090003001	1	Belt
18	216990003035	1	Diesel filter
19	201990003015	1	Filter element, fuel-water separator

No.	Part No.	Qty.	Description
20	216990000024	1	Air filter element, outer
21	201990003045	1	Water Pump
22	201990003055	1	Fan

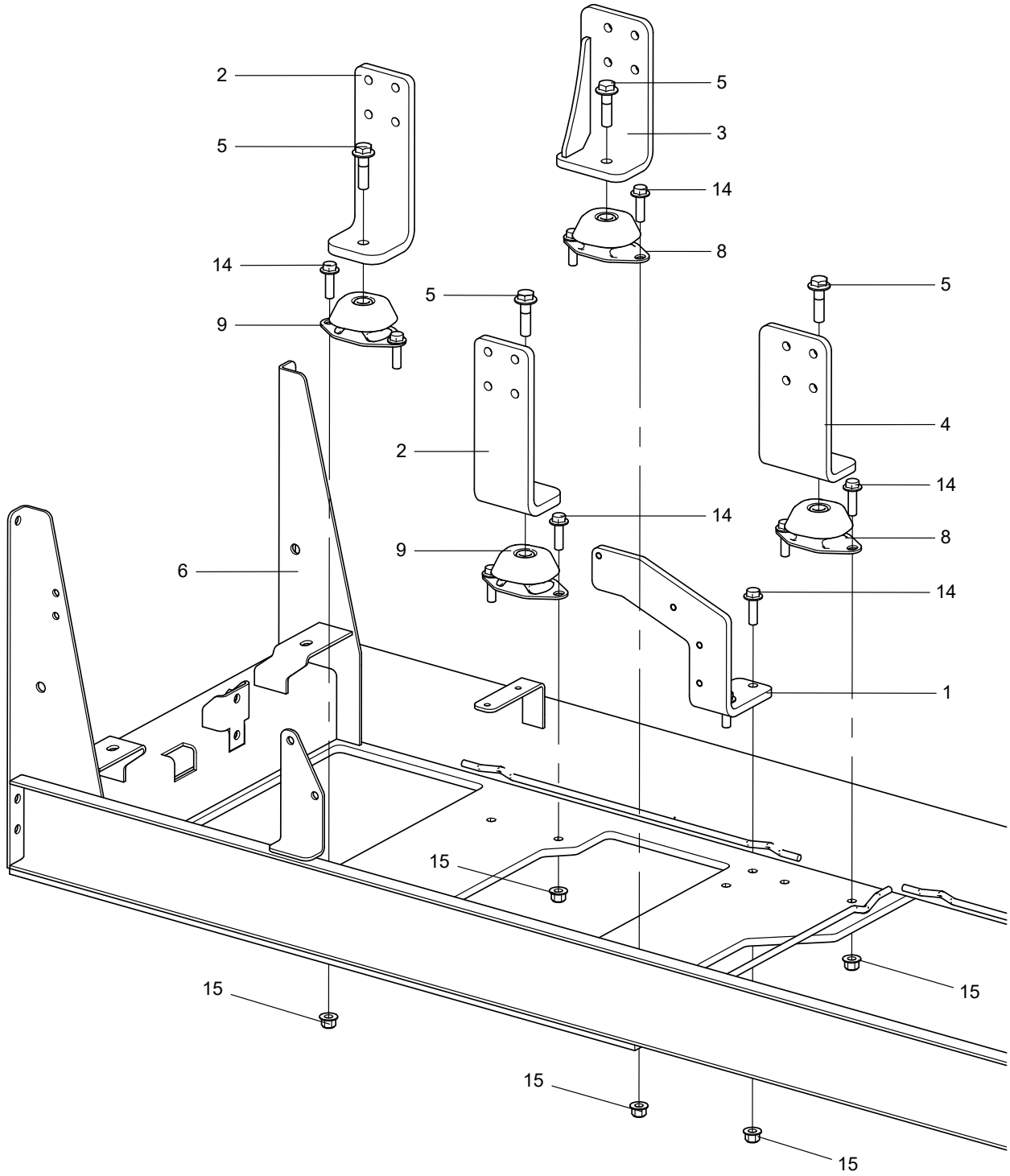
4.2.5 RADIATOR INSTALLATION

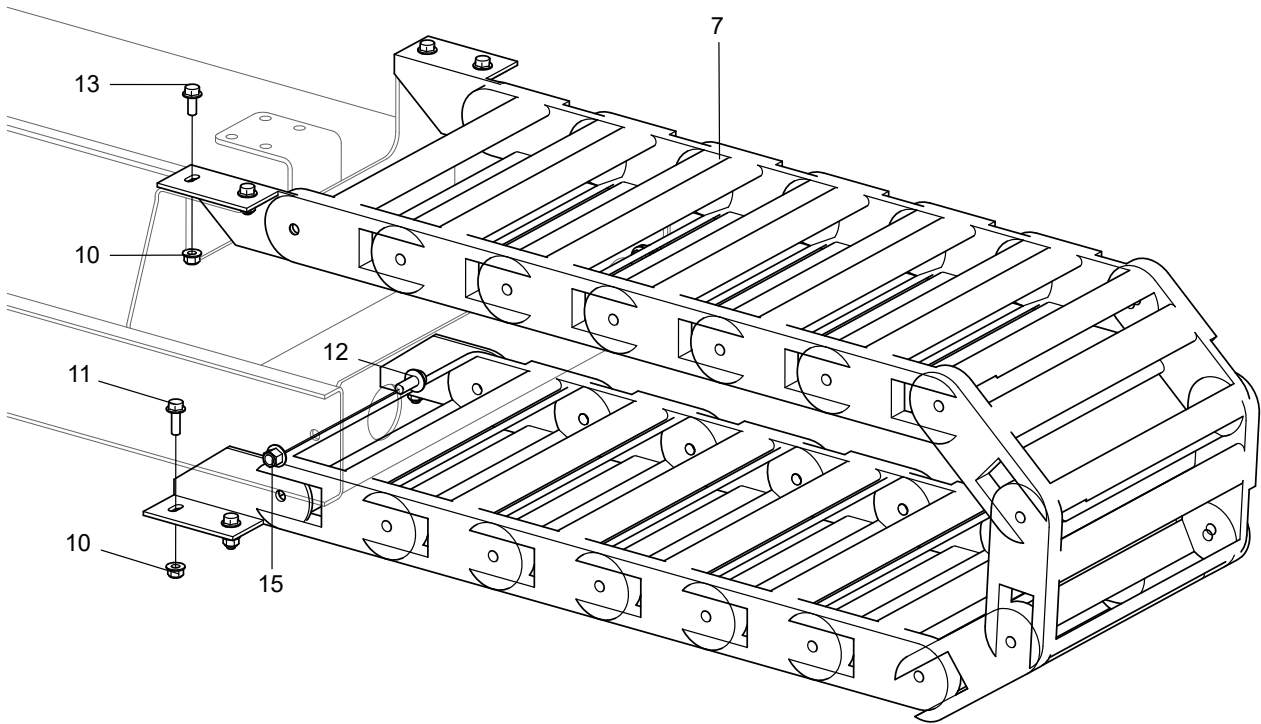


No.	Part No.	Qty.	Description
1	215010000245	2	Bolt M10×16-8.8-ZnD GB/T 5789
2	201040003002	1	Radiator
3	207070000001	1	Rubber seal

4.3 ENGINE INSTALLATION(YANMAR/CHINA 3)

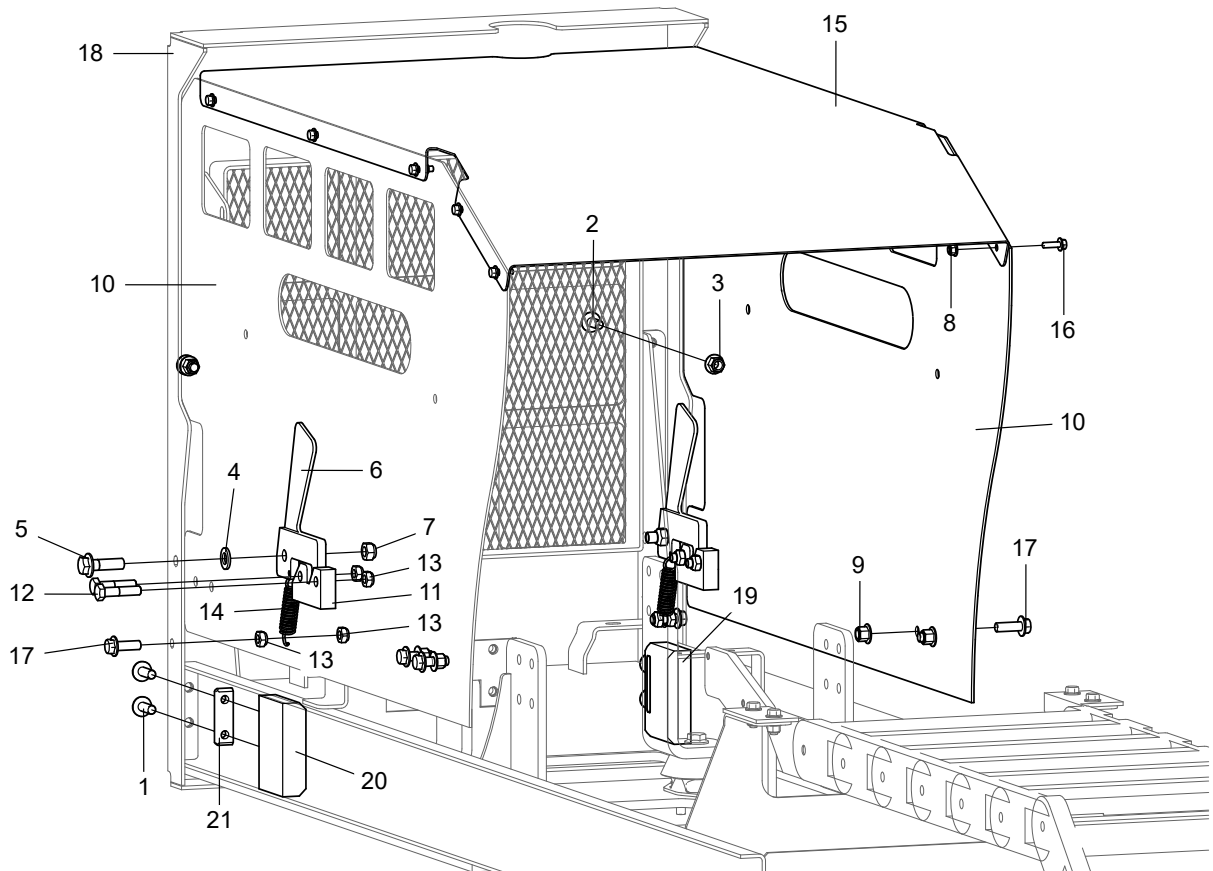
4.3.1 ENGINE SUPPORT INSTALLATION





No.	Part No.	Qty.	Description
1	102013033034	1	Plate, bending
2	102013033005	2	Plate, bending
3	102013033077	1	Bracket
4	102013033073	1	Bracket
5	215010000293	4	Bolt M12×45-8.8 ZnD GB/T 5789
6	102013033089	1	Engine tray
7	204190000016	1	Cable track, steel
8	216040003004	2	Cushion
9	216040003010	2	Cushion
10	215030000108	8	Nut M8-8-ZnD GB/T 6183
11	215010000235	4	Bolt M8×25-8.8-ZnD GB/T 5789
12	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
13	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789
14	215010000248	10	Bolt M10x35-8.8 ZnD GB/T 5789
15	215030000109	12	Nut M10-8-ZnD GB/T 6183

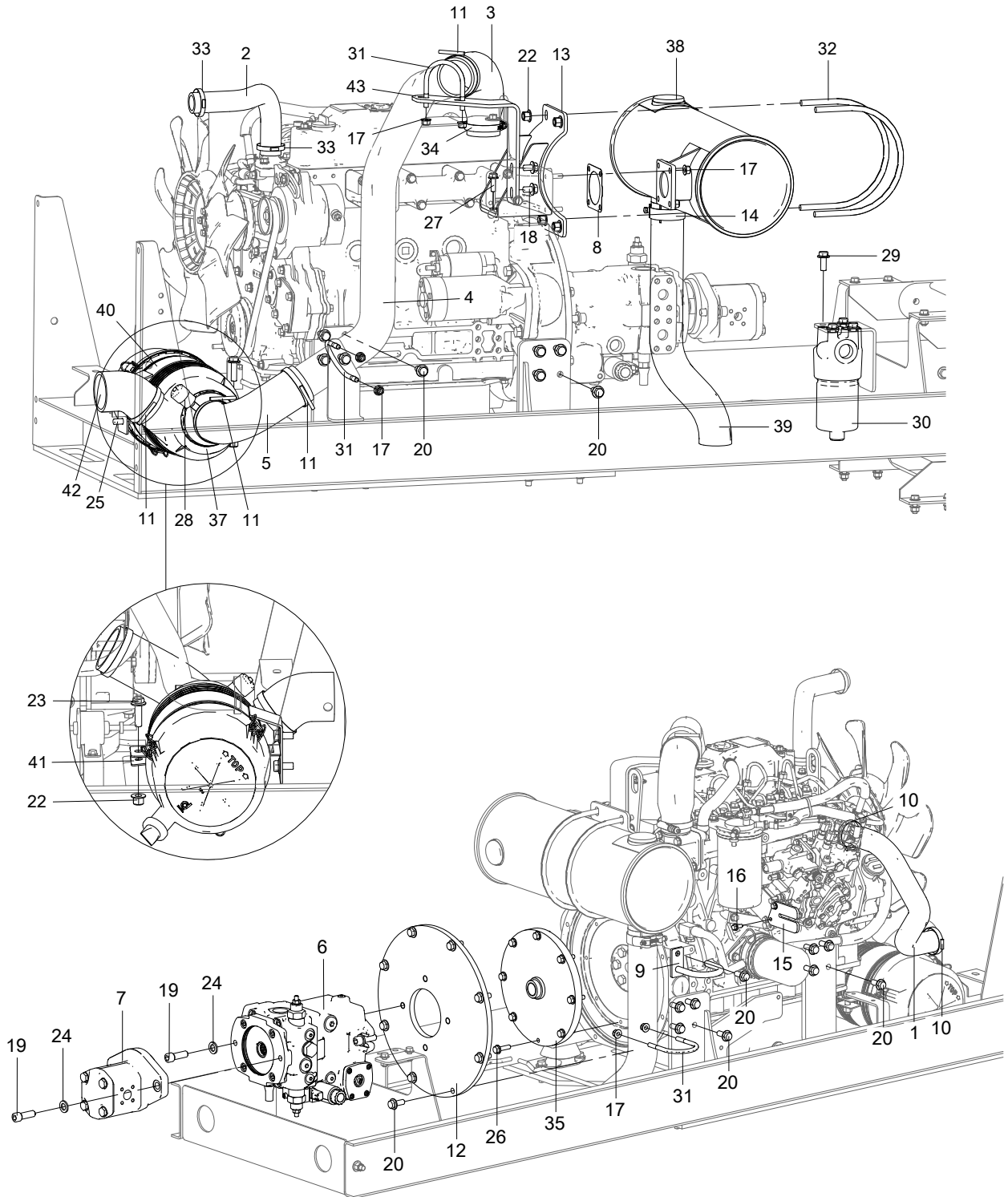
4.3.2 ENGINE COVER INSTALLATION



No.	Part No.	Qty.	Description
1	215010000239	4	Bolt M10×30-8.8-ZnD GB/T 5789
2	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
3	215030000109	2	Nut M10-8-ZnD GB/T 6183
4	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
5	215010000244	2	Bolt M12×40-8.8 ZnD GB/T 5789
6	102001030170	2	Plate
7	215030000029	2	Nut M12-8-ZnD GB/T 6184
8	215030000107	10	Nut M6-8-ZnD GB/T 6183
9	215030000109	4	Nut M10-8-ZnD GB/T 6183
10	102001030166	2	Side plate
11	102001030163	2	Nylon block
12	215010000007	4	Bolt M10×45-8.8-ZnD GB/T 5782
13	215030000027	8	Nut M10-8-ZnD GB/T 6184
14	210070000004	2	Spring
15	102013033041	1	Cover
16	215010000231	10	Bolt M6×20-8.8-ZnD GB/T 5789

No.	Part No.	Qty.	Description
17	215010000239	6	Bolt M10×30-8.8-ZnD GB/T 5789
18	102013033085	1	Engine side plate
19	102001030245	1	Pad
20	102001030244	1	Pad
21	102001030243	2	Plate

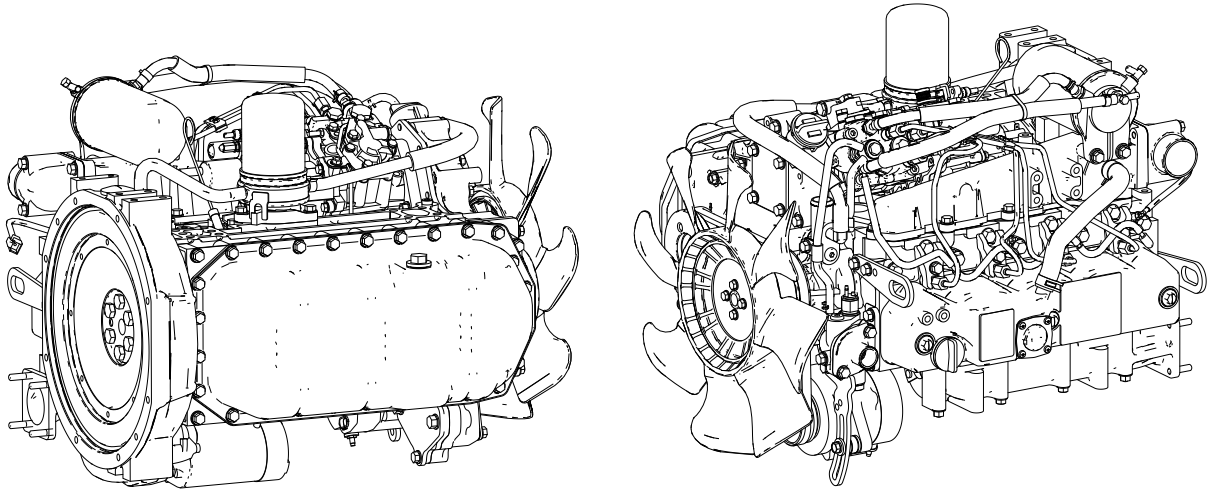
4.3.3 ENGINE INSTALLATION



No.	Part No.	Qty.	Description
1	104020023121	1	supply hose
2	102013033011	1	Pipe, water outlet
3	104020023116	1	Hose, air charge
4	102013033069	1	Supply hose
5	102013033071	1	Supply hose
6	105001050065		Closed variable displacement pump options
6-1	202010000054	1	Closed variable displacement pump(1000026)
6-1a	207990003118	1	Seal kit, closed-circuit pump
6-2	202010000045	1	Closed variable displacement pump(1000054)
6-2a	207990003106	1	Seal kit,Closed-circuit pump
7	202010000042	1	Gear pump
7a	207990003182	1	Seal kit, gear pump
8	201010003025	1	Sealing washer, muffler (provided with engine)
9	104008050010	1	Hook, tube
10	216020000002	2	Clamp, non-perforated, DIN
11	216020000006	4	T-clamp
12	102013033007	1	Flange disc
13	104020023113	1	Bracket, muffler
14	216020003007	1	Clamp
15	104020023119	1	Bracket
16	215010000230	2	Bolt M6×16-8.8-ZnD GB/T 5789
17	215030000108	10	Nut M8-8-ZnD GB/T 6183
18	215010000245	2	Bolt M10×16-8.8-ZnD GB/T 5789
19	215080000005	4	Screw 1/2-13UNC-1.5-GR8-DKL ASME B18.3
20	215010000238	25	Bolt M10×25-8.8-ZnD GB/T 5789
21	216020000004	2	Clamp, non-perforated, DIN
22	215030000109	5	Nut M10-8-ZnD GB/T 6183
23	215010000248	1	Bolt M10x35-8.8 ZnD GB/T 5789
24	215040000051	4	Washer 12-DKL GB/T 1230
25	215010000237	2	Bolt M10×20-8.8-ZnD GB/T 5789
26	215010000236	8	Bolt M8×30-8.8-ZnD GB/T 5789
27	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
28	201020003014	1	Blockage sensor, air filter
29	215010000238	4	Bolt M10×25-8.8-ZnD GB/T 5789
30	202080000046	1	High pressure filter
31	102013033032	3	U-bolt
32	104020023111	2	U-clasp

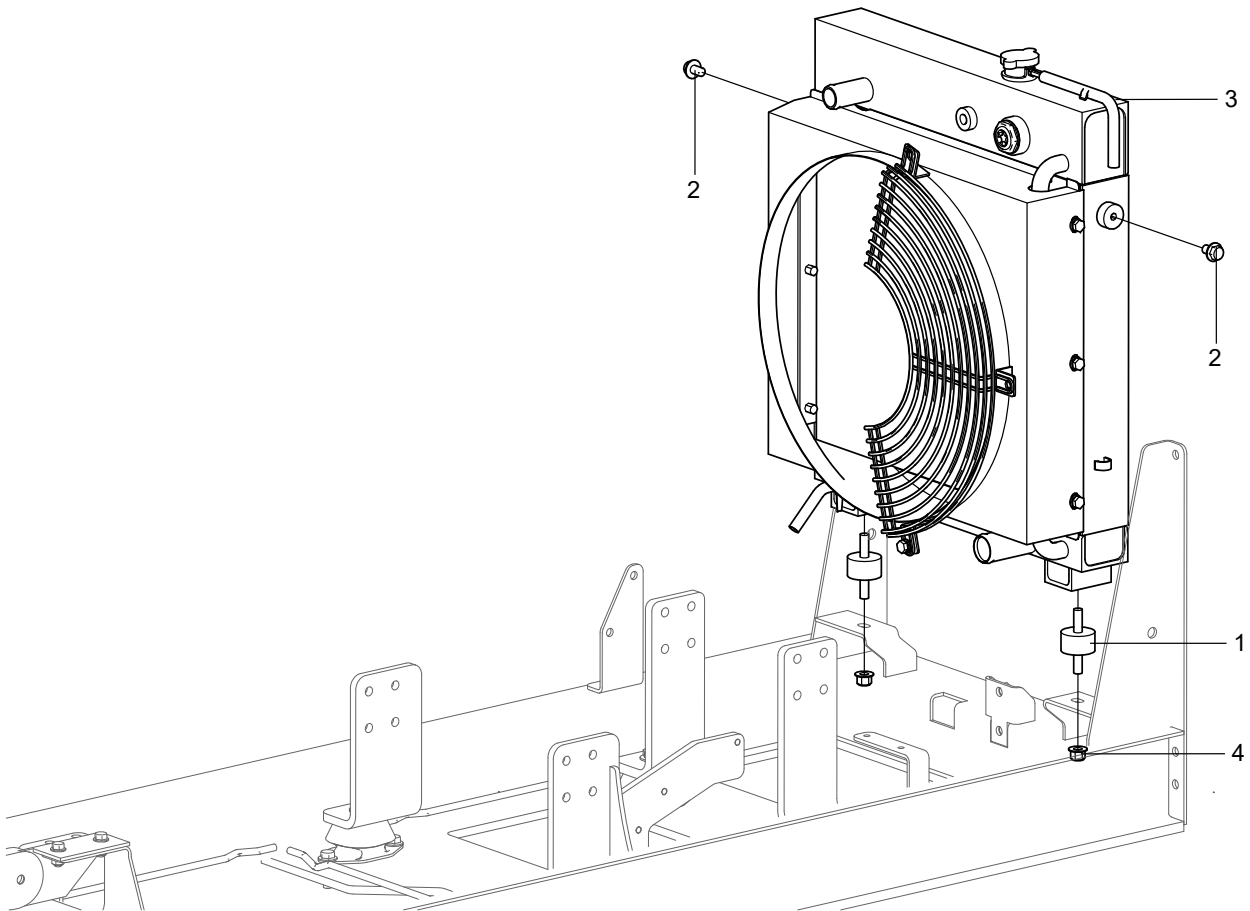
No.	Part No.	Qty.	Description
33	216020000003	2	Clamp, non-perforated, DIN
34	216020003008	1	Clamp
35	204040000001	1	Shaft coupling
36	201010003023	1	Engine
37	201020000029	1	Air filter
38	201030003008	1	Muffler
39	102013033014	1	Exhaust pipe
40	102013033094	1	Clamp
41	102013033095	1	Bend plate
42	102013033078	1	Tube
43	104020023128	1	Bracket, intake hose

4.3.4 ENGINE-YANMAR 4TNV88-BDFLTC(PN.201010003023)



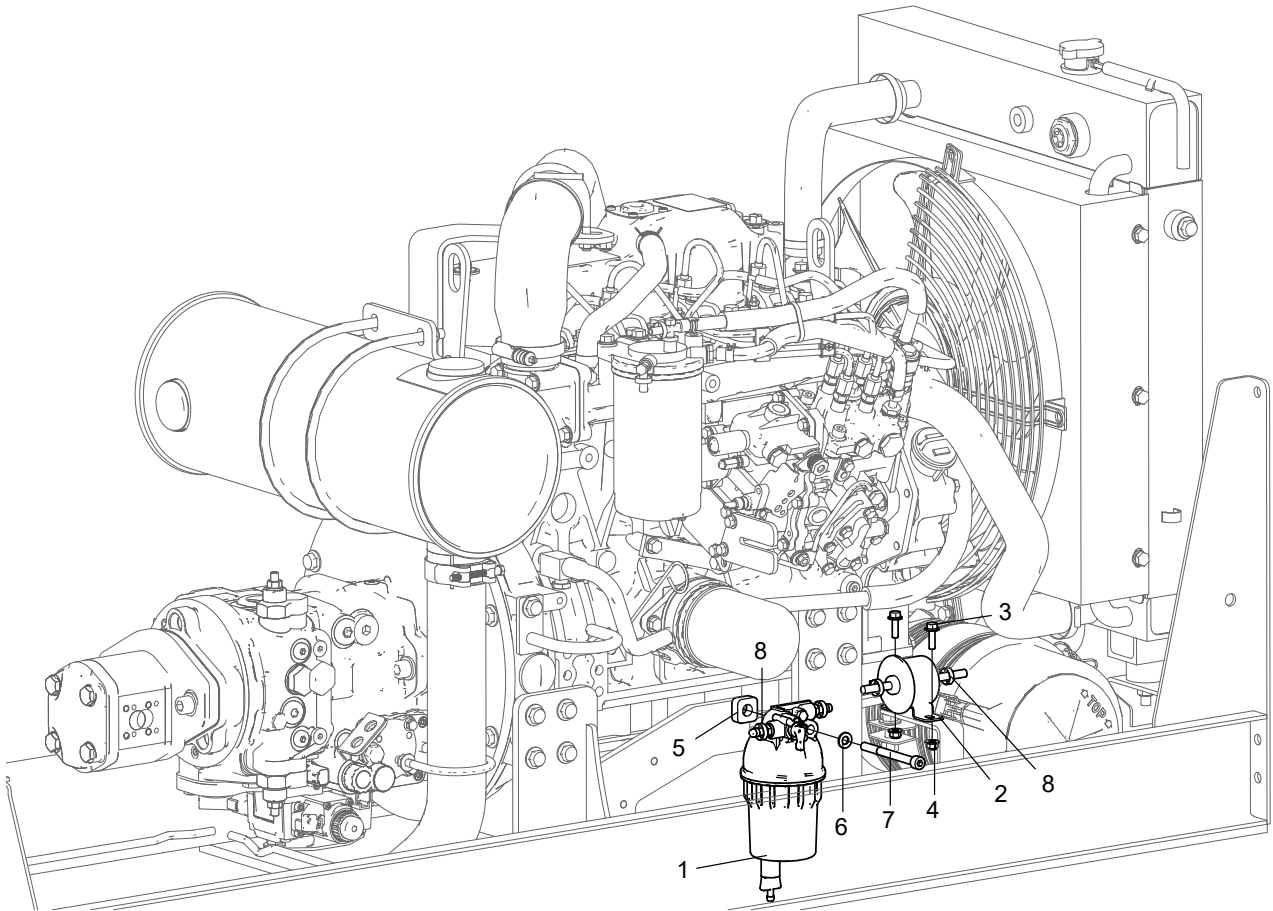
No.	Part No.	Qty.	Description
1	201010003040	1	Starting Motor
2	201990003017	1	Belt
3-1	216990003043	1	Shutdown solenoid valve
3-2	216990003044	1	Shutdown solenoid valve
4-1	216990000017	1	Engine oil filter element
4-2	216990003039	1	Oil filter element
5-1	216990003040	1	Prefilter element, diesel
5-2	216990000022	1	Prefilter element, diesel
6	201050003014	1	Fuel-water separator
6a	201990003016	1	Filter element,oil-water separator

4.3.5 RADIATOR INSTALLATION



No.	Part No.	Qty.	Description
1	216030000002	2	Cushion, water tank
2	215010000245	2	Bolt M10×16-8.8-ZnD GB/T 5789
3	201040003002	1	Radiator
4	215030000109	2	Nut M10-8-ZnD GB/T 6183

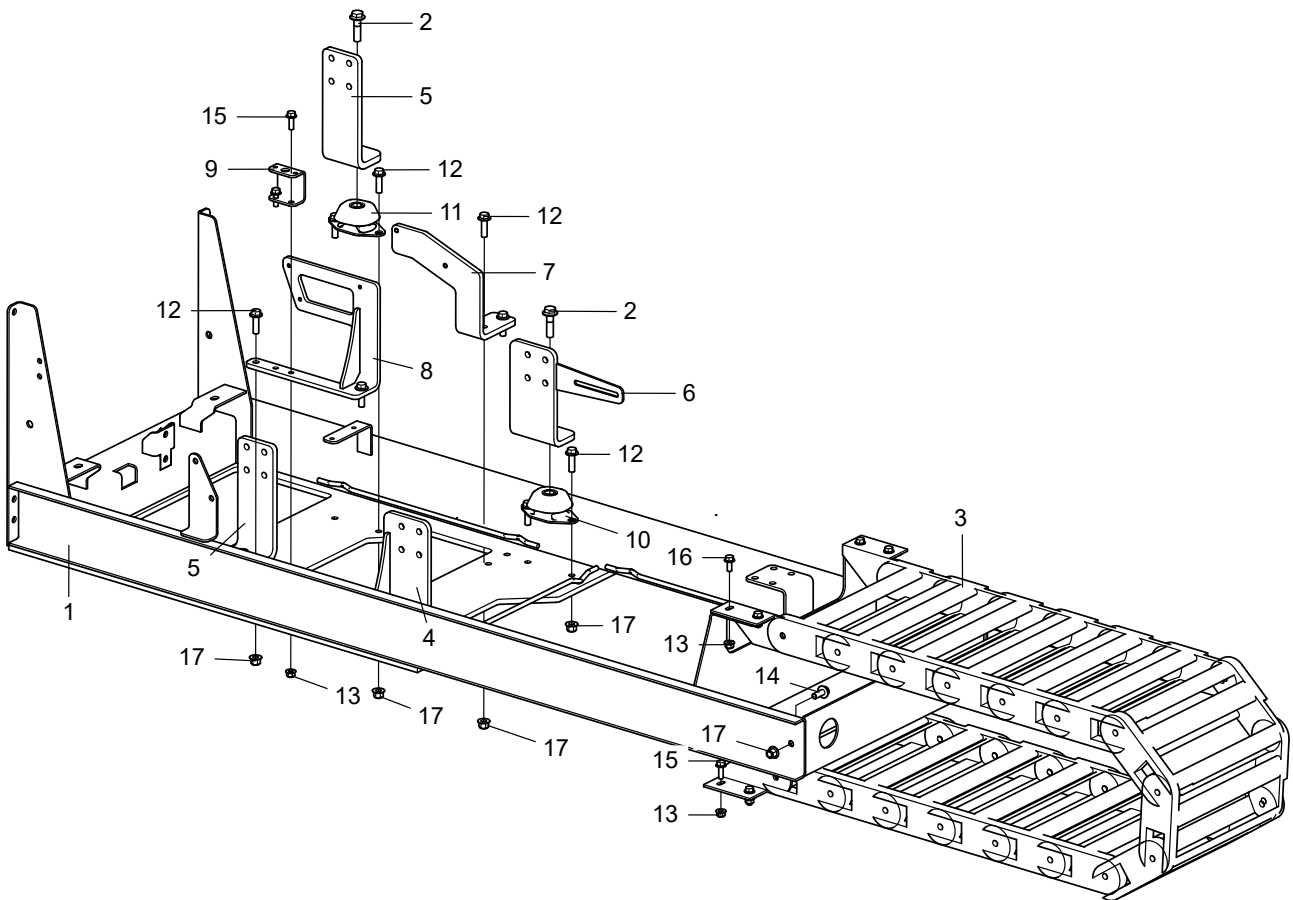
4.3.6 FUEL-WATER SEPARATOR AND ELECTRIC FEED PUMP INSTALLATION



No.	Part No.	Qty.	Description
1	201050003014	1	Fuel-water separator
2	201050003012	1	Electric feed pump
3	215010000231	2	Bolt M6×20-8.8-ZnD GB/T 5789
4	215030000107	2	Nut M6-8-ZnD GB/T 6183
5	104021023039	1	Gasket
6	215040000034	1	Washer 8-200HV-ZnD GB/T 97.1
7	215020000246	1	Screw M8×90-8.8-ZnD GB/T70.1
8	216020000004	4	Clamp, non-perforated, DIN

4.4 ENGINE INSTALLATION(YANMAR/CHINA T4)

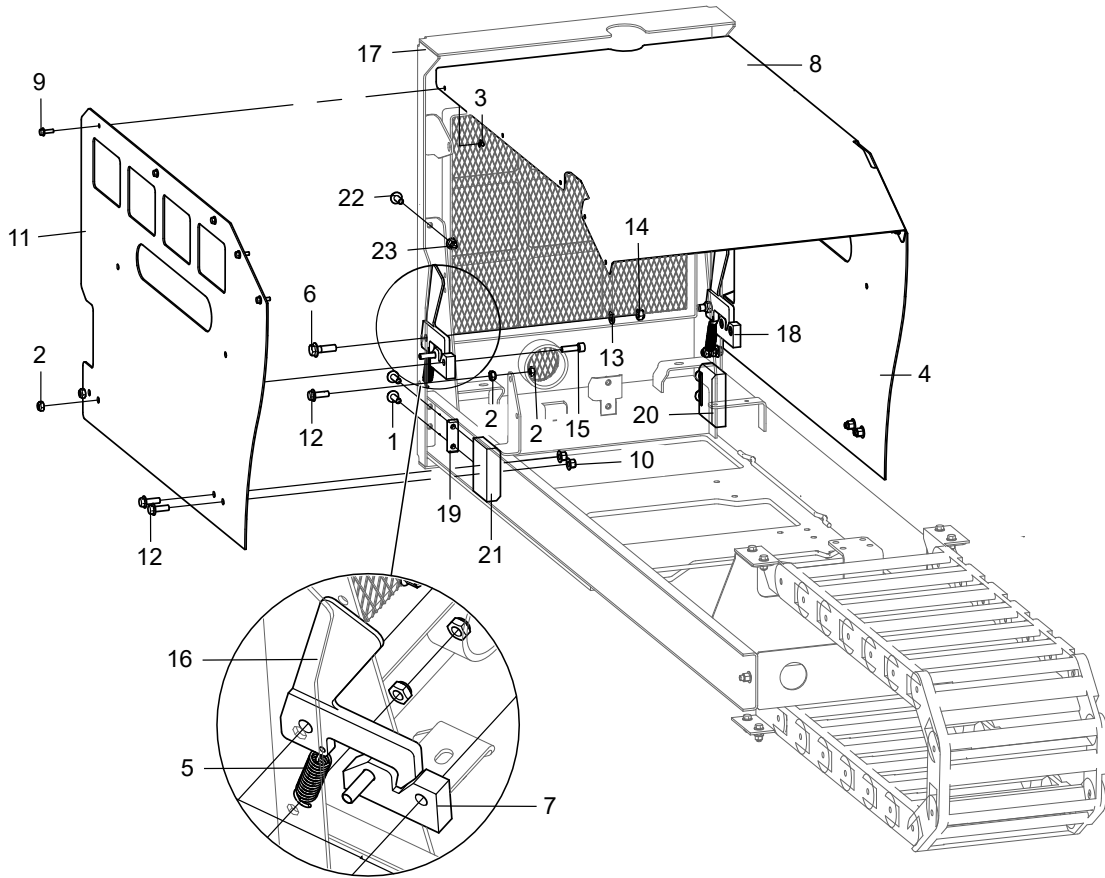
4.4.1 ENGINE SUPPORT INSTALLATION(YANMAR/CHINA T4)



No.	Part No.	Qty.	Description
1	102013033089	1	Engine tray
2	215010000293	4	Bolt M12×45-8.8 ZnD GB/T 5789
3	204190000016	1	Cable track, steel
4	102013033077	1	Bracket
5	102013033005	2	Plate, bending
6	102013033073	1	Bracket
7	102013033110	1	Plate, bending
8	102013033118	1	ECU bracket
9	102013033109	1	Groove plate
10	216040003004	2	Cushion
11	216040003010	2	Cushion
12	215010000248	12	Bolt M10x35-8.8 ZnD GB/T 5789
13	215030000108	10	Nut M8-8-ZnD GB/T 6183
14	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
15	215010000235	6	Bolt M8×25-8.8-ZnD GB/T 5789
16	215010000234	4	Bolt M8×20-8.8-ZnD GB/T 5789

No.	Part No.	Qty.	Description
17	215030000109	14	Nut M10-8-ZnD GB/T 6183

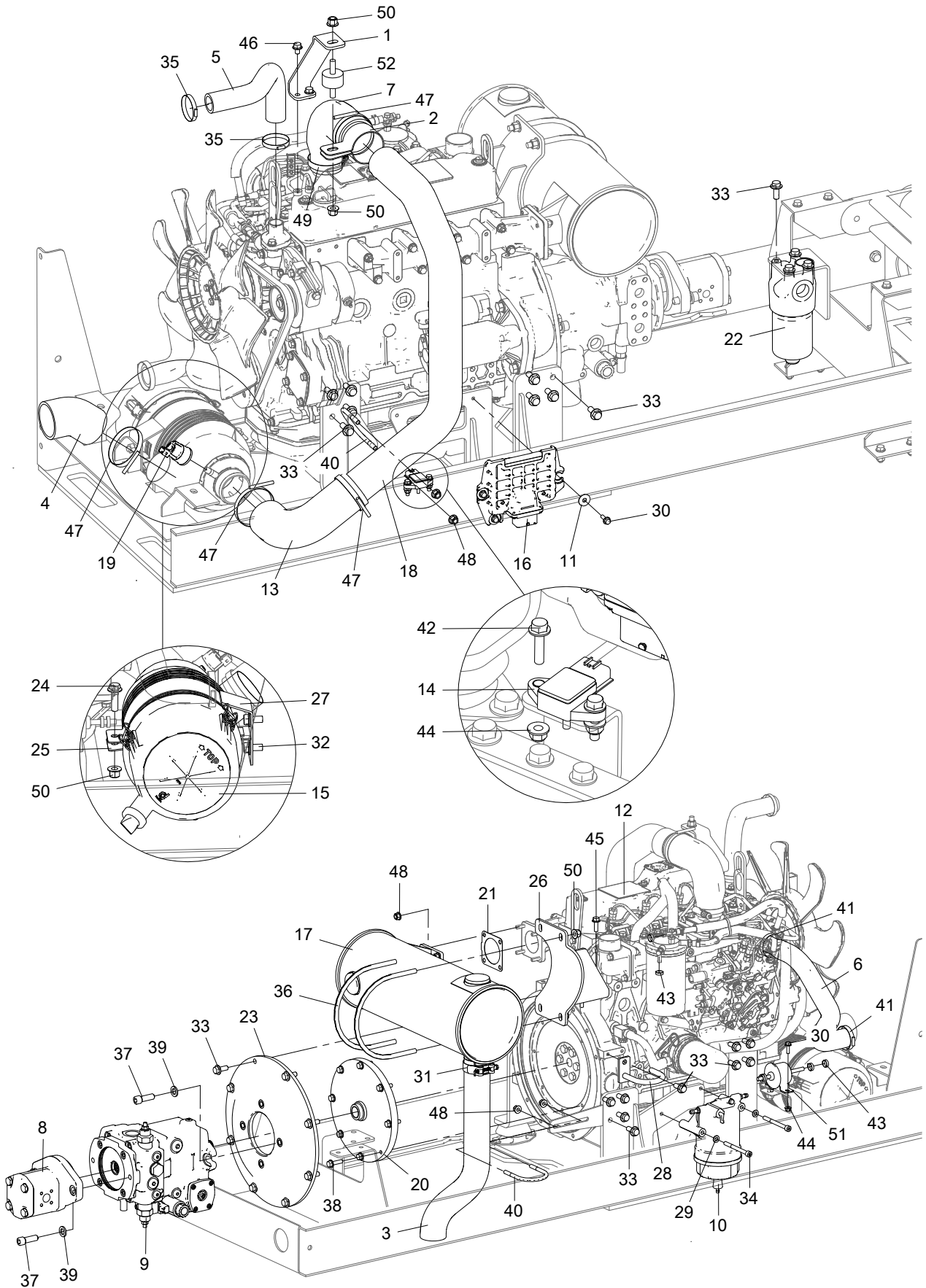
4.4.2 ENGINE COVER INSTALLATION(YANMAR/CHINA T4)



No.	Part No.	Qty.	Description
1	215010000239	4	Bolt M10×30-8.8-ZnD GB/T 5789
2	215030000027	8	Nut M10-8-ZnD GB/T 6184
3	215030000107	10	Nut M6-8-ZnD GB/T 6183
4	102001030189	1	Side plate
5	210070000004	2	Spring
6	215010000244	2	Bolt M12×40-8.8 ZnD GB/T 5789
7	102001030163	1	Nylon block
8	102013033041	1	Cover
9	215010000231	10	Bolt M6×20-8.8-ZnD GB/T 5789
10	215030000109	4	Nut M10-8-ZnD GB/T 6183
11	102001030166	1	Side plate
12	215010000239	6	Bolt M10×30-8.8-ZnD GB/T 5789
13	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
14	215030000029	2	Nut M12-8-ZnD GB/T 6184
15	215020000051	4	Screw M10×35-8.8-ZnD GB/T 70.1
16	102001030170	2	Plate

No.	Part No.	Qty.	Description
17	102013033085	1	Engine side plate
18	102013033117	1	Nylon block
19	102001030243	2	Plate
20	102001030245	1	Pad
21	102001030244	1	Pad
22	215010000238	2	Bolt M10×25-8.8-ZnD GB/T 5789
23	215030000109	2	Nut M10-8-ZnD GB/T 6183

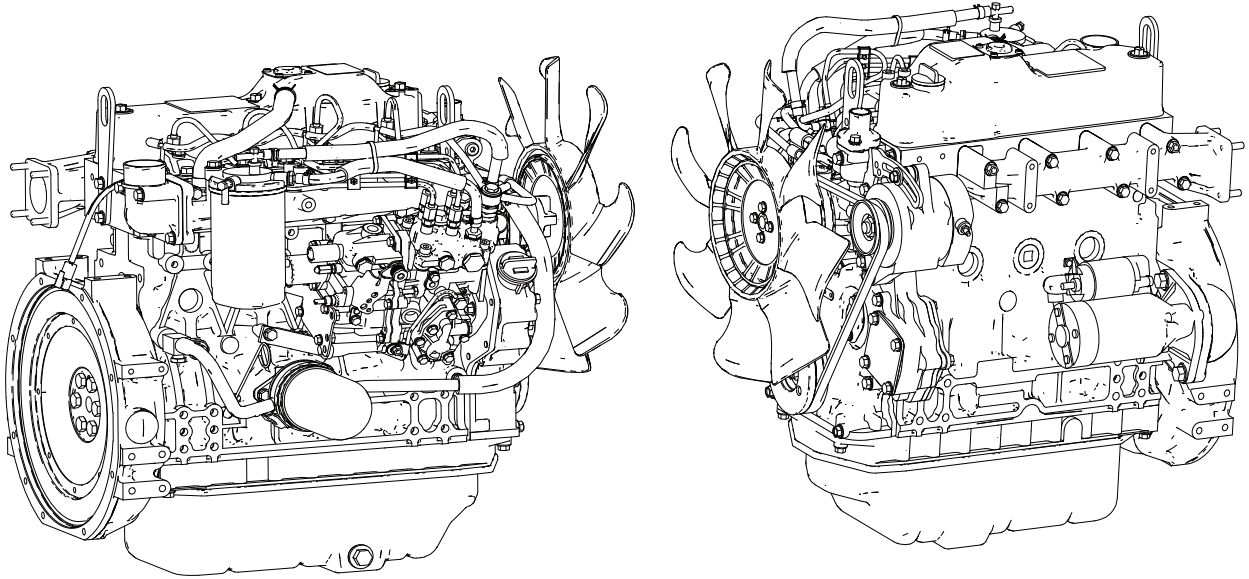
4.4.3 ENGINE INSTALLATION(YANMAR/CHINA T4)



No.	Part No.	Qty.	Description
1	102013033119	1	Plate, bending
2	102013033120	1	Clamp
3	102013033014	1	Exhaust pipe
4	102013033078	1	Tube
5	102013033011	1	Pipe, water outlet
6	104020023121	1	supply hose
7	104020023116	1	Hose, air charge
8	102001050049		Gear pump assembly
8-1	202010000039	1	Gear pump(1000115)
8-2	202010000022	1	Gear pump(1000037)
8-3	202010000042	1	Gear pump(1000106)
8-3a	207990003182	1	Seal kit, gear pump
9	105001050065		Closed variable displacement pump options
9-1	202010000005	1	Closed variable displacement pump(1000188)
9-2	202010000054	1	Closed variable displacement pump(1000107)
9-2a	207990003118	1	Seal kit, closed-circuit pump
9-3	202010000045	1	Closed variable displacement pump(1000054)
9-3a	207990003106	1	Seal kit,Closed-circuit pump
9-4	202010000006	1	Closed variable displacement pump
10	201010003058	1	oil water separator
11	201010003059	3	ECU shim
12	201010003056	1	engine
13	102013033071	1	Supply hose
14	201020003021	1	ATM Pressure Sensor
15	201020000029	1	Air filter
16	203020003092	1	Controller
17	201030003008	1	Muffler
18	102013033121	1	Supply hose
19	201020003007	1	Blockage sensor, air filter
20	204040000001	1	Shaft coupling
21	201010003025	1	Sealing washer, muffler (provided with engine)
22	202080000046	1	High pressure filter
23	102013033067	1	Flange
24	215010000248	1	Bolt M10x35-8.8 ZnD GB/T 5789
25	102013033095	1	Bend plate
26	104020023113	1	Bracket, muffler

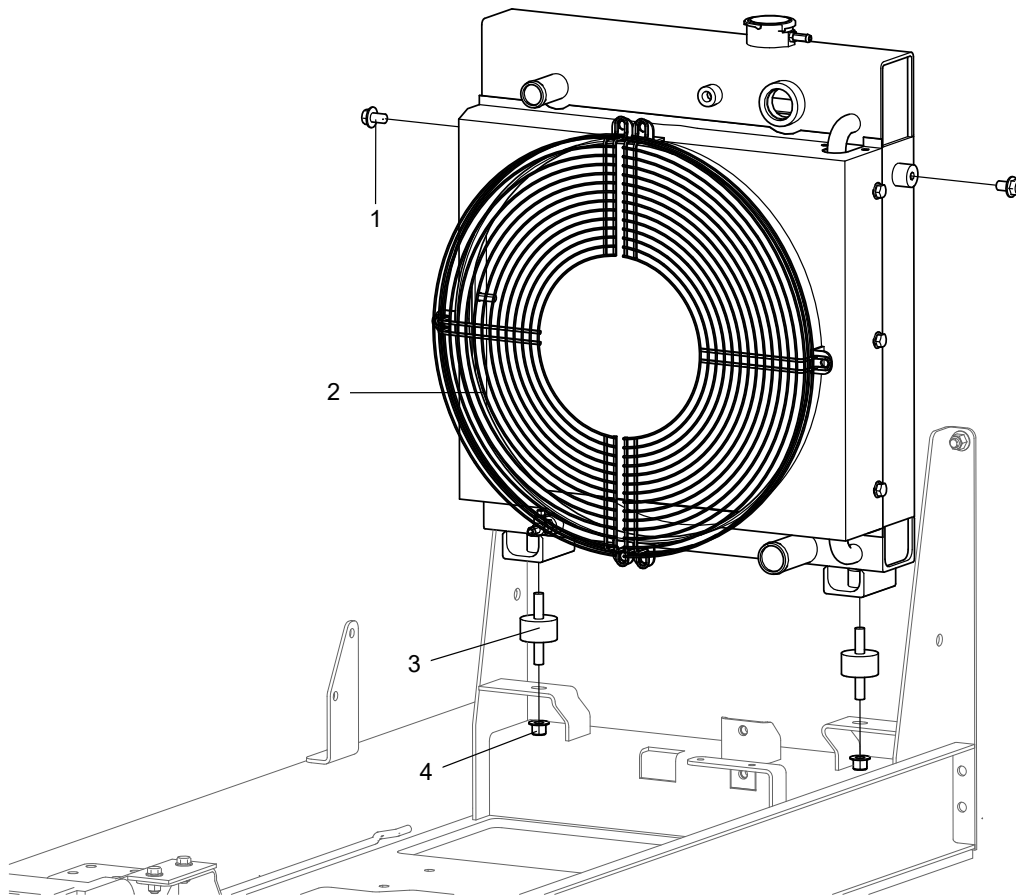
No.	Part No.	Qty.	Description
27	102013033094	1	Clamp
28	104008050010	1	Hook, tube
29	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
30	215010000231	5	Bolt M6×20-8.8-ZnD GB/T 5789
31	216020003007	1	Clamp
32	215010000237	2	Bolt M10×20-8.8-ZnD GB/T 5789
33	215010000238	29	Bolt M10×25-8.8-ZnD GB/T 5789
34	215020000246	2	Screw M8×90-8.8-ZnD GB/T70.1
35	216020000003	2	Clamp, non-perforated, DIN
36	104020023111	2	U-clasp
37	215080000005	4	Screw 1/2-13UNC-1.5-GR8-DKL ASME B18.3
38	215010000236	8	Bolt M8×30-8.8-ZnD GB/T 5789
39	215040000051	4	Washer 12-DKL GB/T 1230
40	102013033032	2	U-bolt
41	216020000002	2	Clamp, non-perforated, DIN
42	215010000232	2	Bolt M6×25-8.8-ZnD GB/T 5789
43	216020000004	6	Clamp, non-perforated, DIN
44	215030000107	4	Nut M6-8-ZnD GB/T 6183
45	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
46	215010000233	2	Bolt M8×12-8.8-ZnD GB/T 5789
47	216020000006	4	T-clamp
48	215030000108	8	Nut M8-8-ZnD GB/T 6183
49	216020003008	1	Clamp
50	215030000109	7	Nut M10-8-ZnD GB/T 6183
51	201050003012	1	Electric feed pump
52	216030000002	1	Cushion, water tank

4.4.4 ENGINE-YANMAR 4TNV88-ZCDCSI(PN.201010003056)



No.	Part No.	Qty.	Description
1	201010003040	1	Starting Motor
2	201990003058	1	Generator
3-1	201990003061	1	Diesel filter
3-2	201990003062	1	Diesel filter
4-1	201990003063	1	Engine oil filter element
4-2	201990003064	1	Engine oil filter element
5	201990003015	1	Filter element, fuel-water separator
6	201990003069	1	Belt
7-1	201990003071	1	Shutdown solenoid valve
7-2	201990003072	1	Shutdown solenoid valve
8	201990003074	1	RPM sensor
9	201990003041	1	Water temperature sensor
10	201990003043	1	Oil pressure switch
11	201020003021	1	ATM Pressure Sensor

4.4.5 RADIATOR INSTALLATION(YANMAR/CHINA T4)

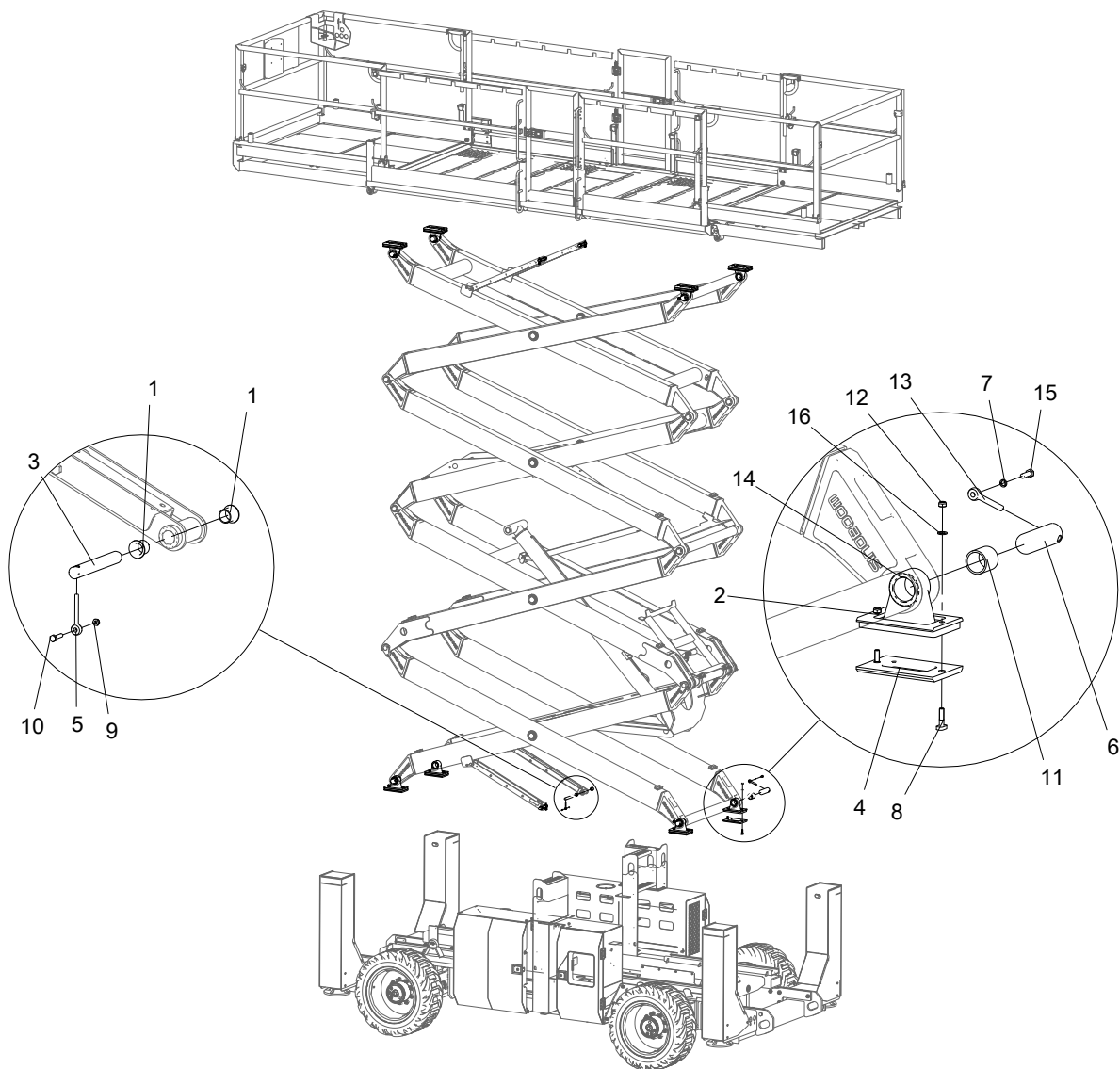


No.	Part No.	Qty.	Description
1	215010000245	2	Bolt M10×16-8.8-ZnD GB/T 5789
2	201040003025	1	Radiator
3	216030000002	2	Cushion, water tank
4	215030000109	2	Nut M10-8-ZnD GB/T 6183

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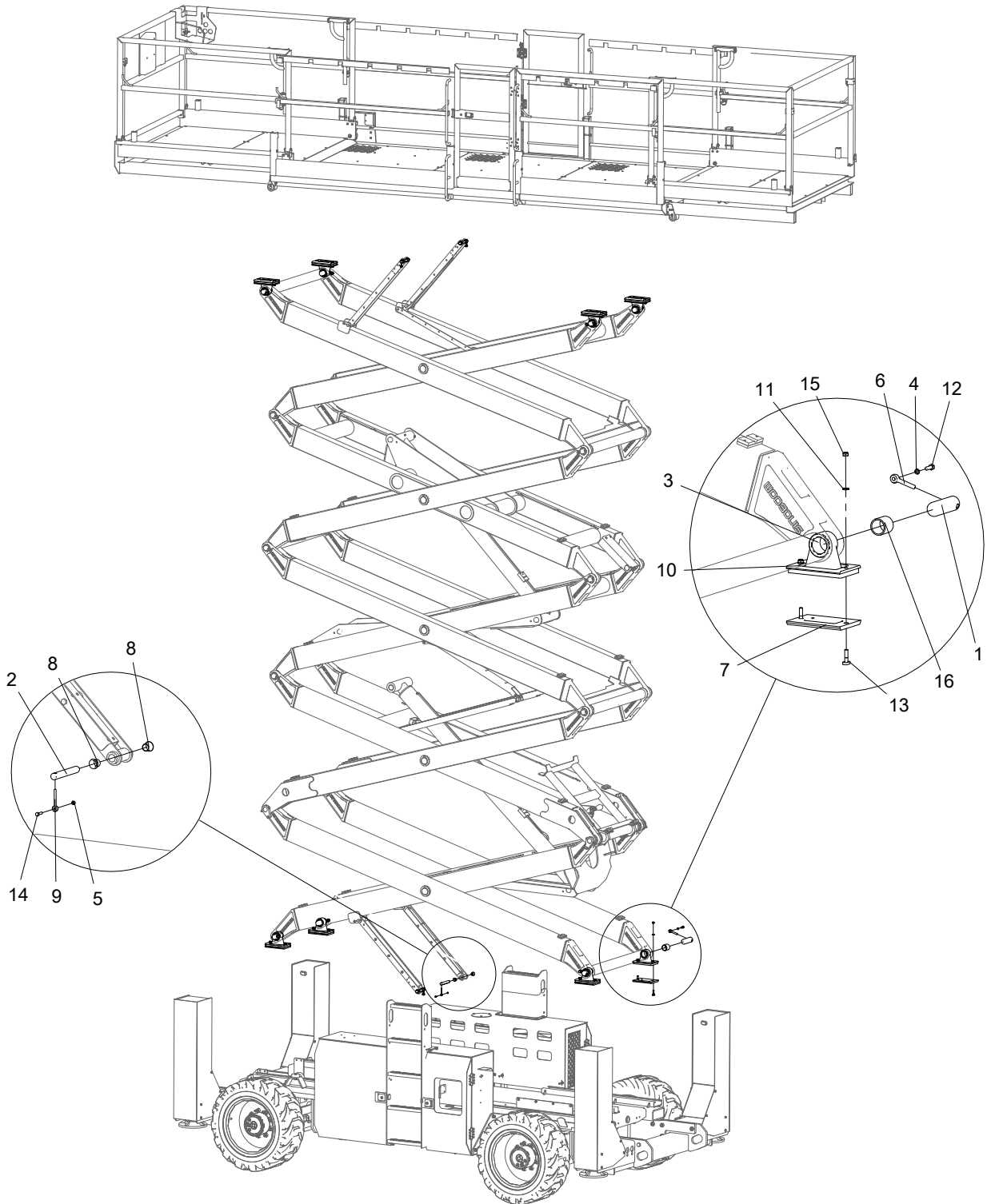
5 CHASSIS-SCISSOR-PLATFORM INSTALLATION

5.1 SCISSOR ASSEMBLY CONNECTION- 1323RD&1323RE&1323RH



No.	Part No.	Qty.	Description
1	214080000001	8	Bearing 20×23×21.5 SF-1F
2	102001010073	8	Wear pad
3	102001010079	4	Pin XGΦ20-146
4	102001010010	8	Wear pad
5	102001010048	4	Keeper pin Φ6-60
6	102001010031	8	Pin XGΦ45-130
7	215040000006	8	Washer 10-ZnD GB/T 93
8	102001010099	16	Cotter pin
9	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
10	215010000052	4	Bolt M6×25-A2-70 GB/T 5783
11	214030000027	7	Bushing, self-lubricating
12	215030000027	15	Nut M10-8-ZnD GB/T 6184
13	209020000002	8	Keeper pin Φ12-75
14	102001010013	8	Bracket
15	215010000071	7	Bolt M10×30-8.8-ZnD GB/T 5783
16	215040000035	15	Washer 10-200HV-ZnD GB/T 97.1

5.2 SCISSOR ASSEMBLY CONNECTION- 1623RD&1623RE&1623RH

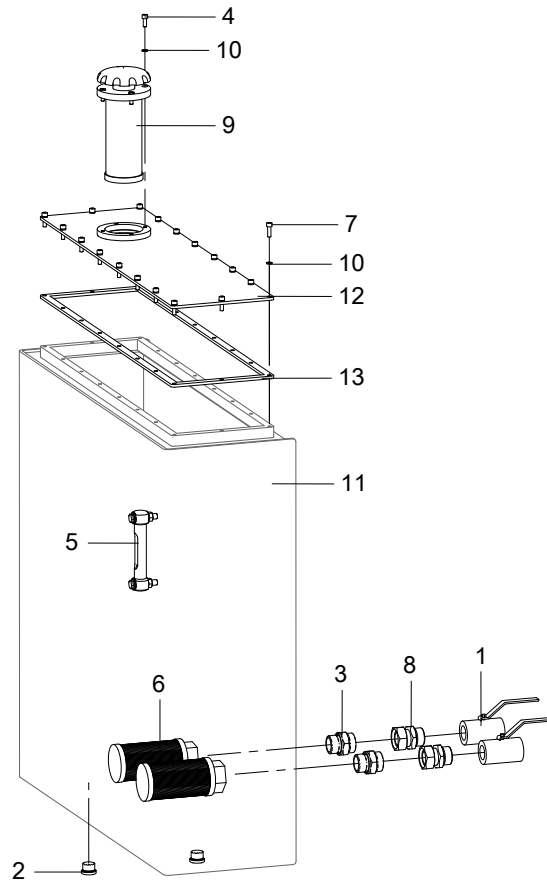


No.	Part No.	Qty.	Description
1	102001010031	8	Pin XGΦ45-130
2	102001010079	4	Pin XGΦ20-146
3	102001010013	8	Bracket
4	215040000006	8	Washer 10-ZnD GB/T 93
5	215030000025	4	Nut M6-8-A2-70 GB/T 889.1
6	209020000002	8	Keeper pin Φ12-75
7	102001010010	8	Wear pad
8	214080000001	8	Bearing 20×23×21.5 SF-1F
9	102001010048	4	Keeper pin Φ6-60
10	102001010073	8	Wear pad
11	215040000035	16	Washer 10-200HV-ZnD GB/T 97.1
12	215010000071	8	Bolt M10×30-8.8-ZnD GB/T 5783
13	102001010099	16	Cotter pin
14	215010000052	4	Bolt M6×25-A2-70 GB/T 5783
15	215030000027	16	Nut M10-8-ZnD GB/T 6184
16	214030000027	8	Bushing, self-lubricating

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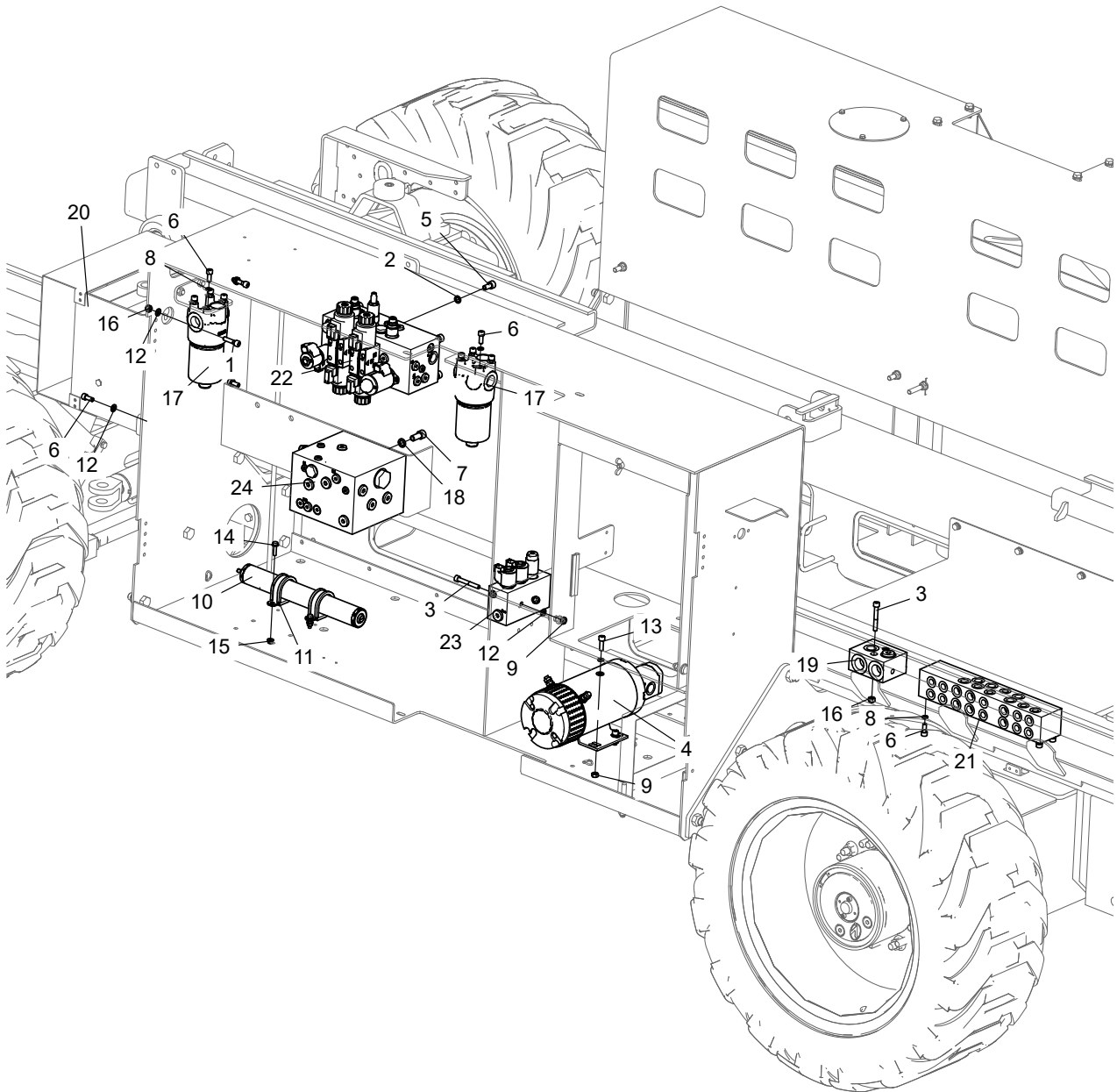
6 HYDRAULIC SYSTEM

6.1 HYDRAULIC TANK(PN.102001050006)



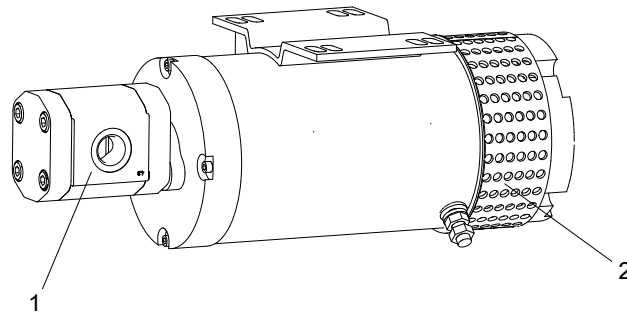
No.	Part No.	Qty.	Description
1	202040000142	2	Ball valve
2	213060000004	2	Plug
3	213010000148	2	Fitting
4	215020000011	4	Screw M6×16-A2-70 GB/T 70.1
5	202120000005	1	Liquid level indicator
6	202080000006	2	Suction filter
7	215020000012	18	Screw M6×20-A2-70 GB/T 70.1
8	213010000149	2	Fitting
9	202070000001	1	Air filter
10	215040000004	22	Washer 6-A2-70 GB/T 93
11	102001050008	1	Hydraulic tank body
12	102001050047	1	Cover plate assembly, oil tank
13	102001050012	1	Rubber Washer, seal

6.2 CHASSIS HYDRAULIC COMPONENTS INSTALLATION



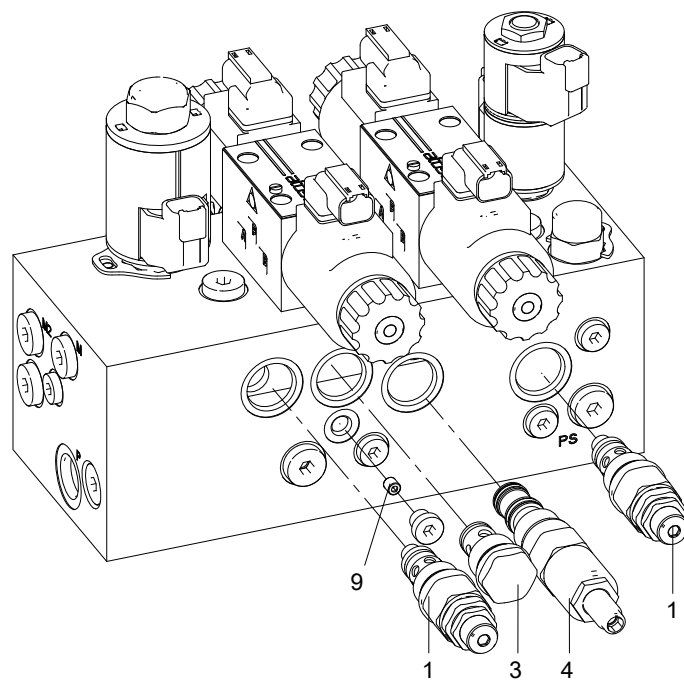
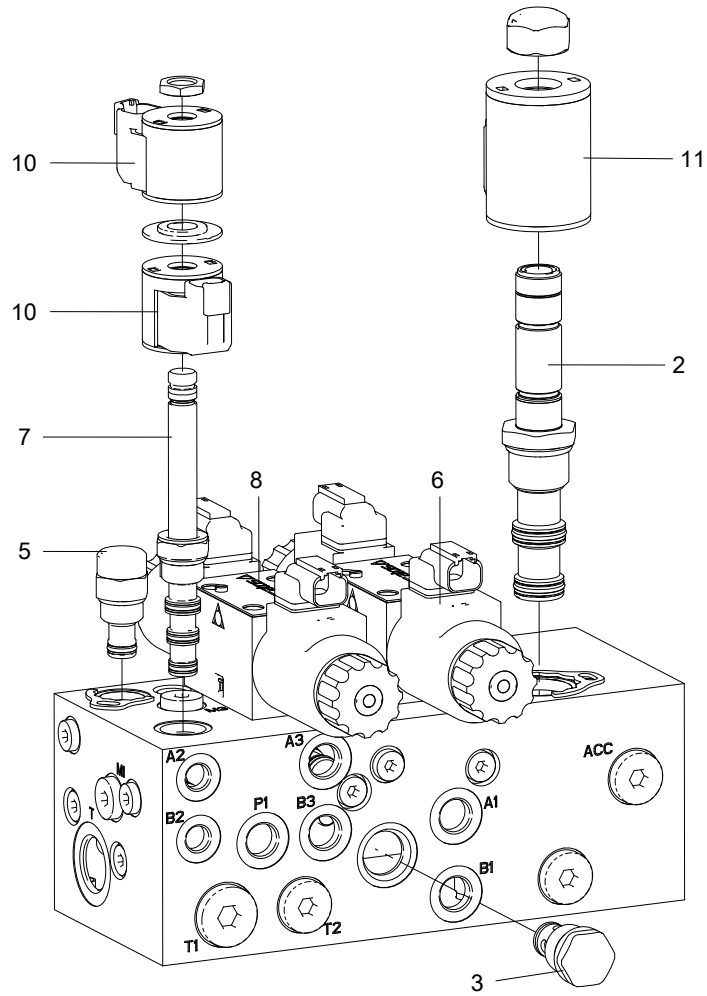
No.	Part No.	Qty.	Description
1	215020000026	2	Screw M8×35-8.8-ZnD GB/T 70.1
2	215040000006	4	Washer 10-ZnD GB/T 93
3	215020000038	4	Screw M8×60-8.8-ZnD GB/T 70.1
4	202010000041	1	Power unit, 12V
5	215020000048	4	Screw M10×20-8.8-ZnD GB/T 70.1
6	215020000023	14	Screw M8×20-8.8-ZnD GB/T 70.1
7	215020000072	4	Screw M12×25-8.8-ZnD GB/T 70.1
8	215040000005	16	Washer 8-ZnD GB/T 93
9	215030000005	6	Nut M8-8-ZnD GB/T 6170
10	202090003002	1	Accumulator, piston type
11	216020000025	2	Retaining ring, SSG
12	215040000034	10	Washer 8-200HV-ZnD GB/T 97.1
13	215020000024	4	Screw M8×25-8.8-ZnD GB/T 70.1
14	215010000232	2	Bolt M6×25-8.8-ZnD GB/T 5789
15	215030000107	2	Nut M6-8-ZnD GB/T 6183
16	215030000026	4	Nut M8-8-ZnD GB/T889.1
17	202080000046	2	High pressure filter
17a	202080000048	1	Filter element
18	215040000007	4	Washer 12-ZnD GB/T 93
19	202040003003	1	Return block
20	202060000002	1	Oil cooler
21	202040003000	1	Manifold
22	202040003135	1	Lift control valve
23	202040000006	1	Brake/2-speed control valve(12V)
24	202040000294	1	Drive control manifold

6.3 POWER UNIT(PN.20201000041)



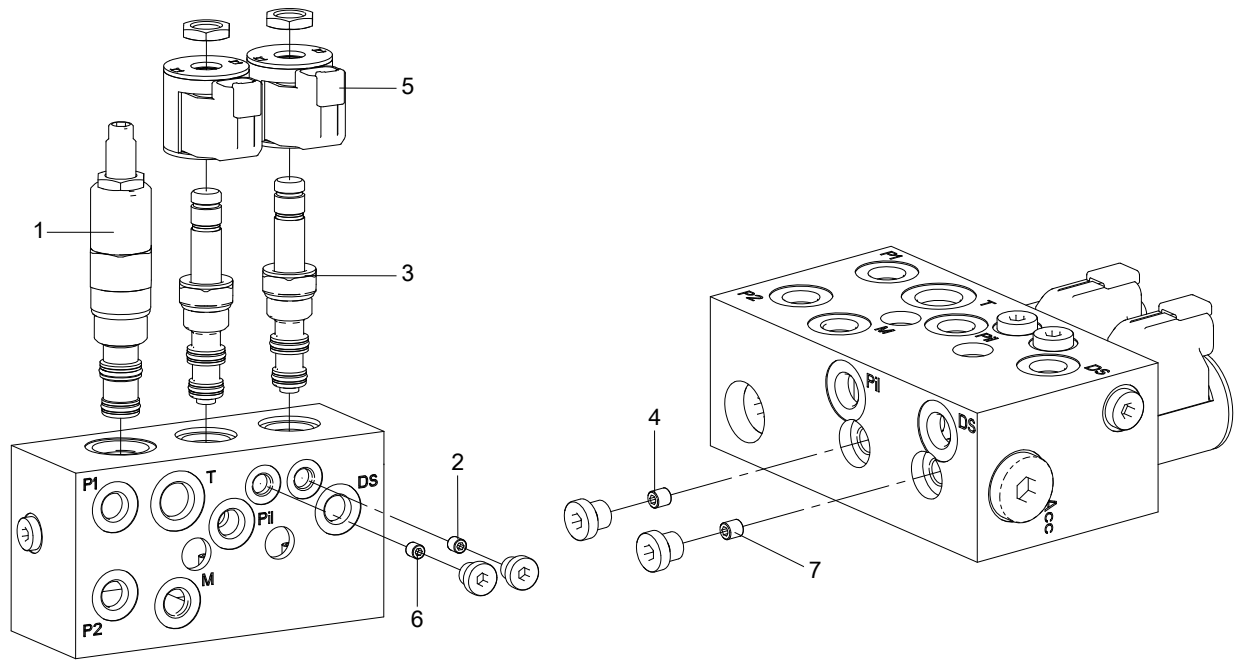
No.	Part No.	Qty.	Description
1	202010003073	1	Gear pump
1a	207990003107	1	Seal kit, gear pump
2	203010003058	1	DC Motor

6.4 LIFT CONTROL VALVE (PN.202040003135)



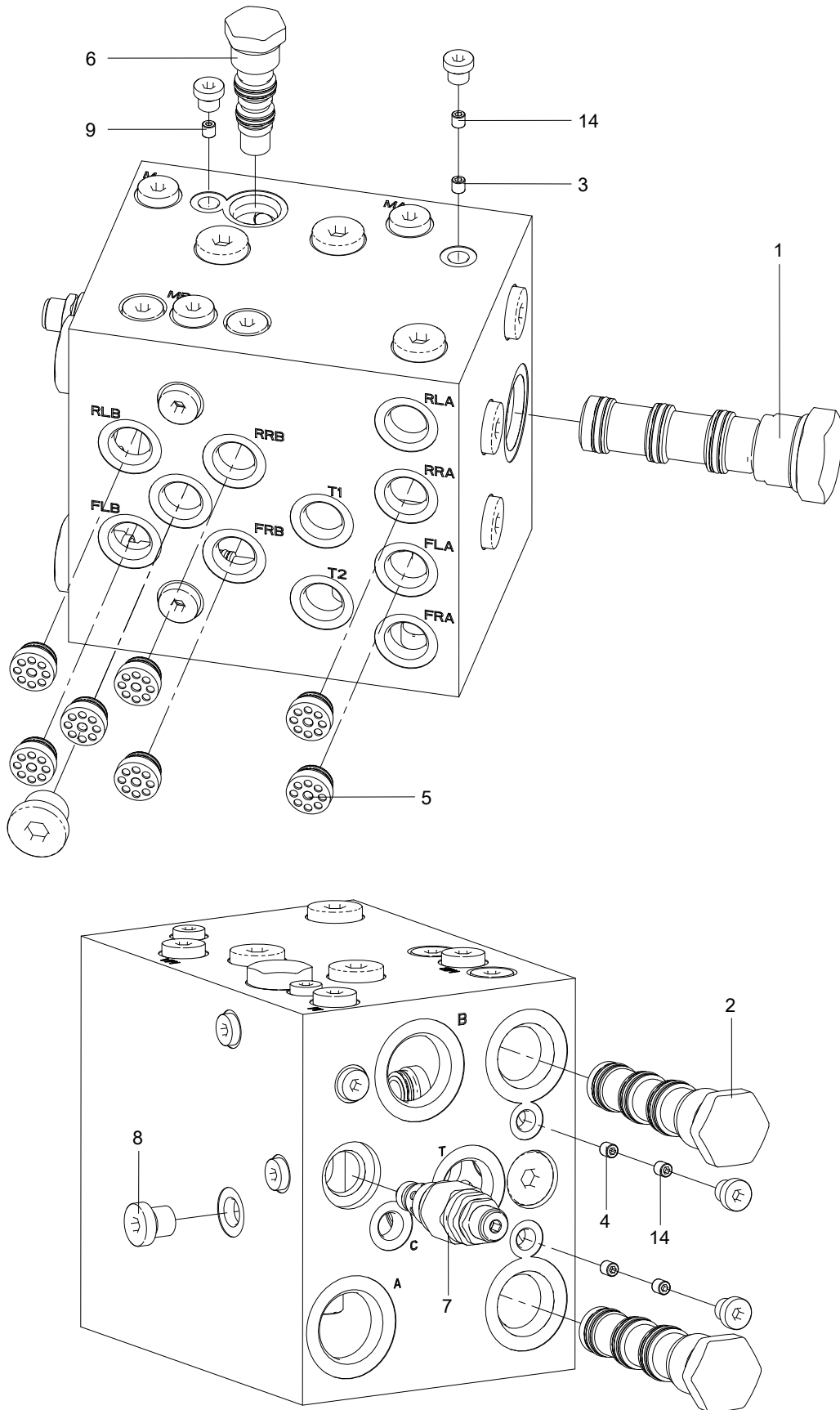
No.	Part No.	Qty.	Description
1	202990000011	2	Spool
2	202990000007	1	Spool
3	202990003095	2	Check valve
4	202990003208	1	Reducing valve
5	202040003206	1	Flow valve
6	202990000046	1	6-way Y-type gate valve
7	202990003008	1	3-position 4-way solenoid directional valve
8	202990000045	1	6-way O-type gate valve
9	202130003020	1	Damper
10	202990000037	2	Coil
11	202990000038	1	Coil

6.5 BRAKE/2-SPEED CONTROL VALVE(PN.202040000006)



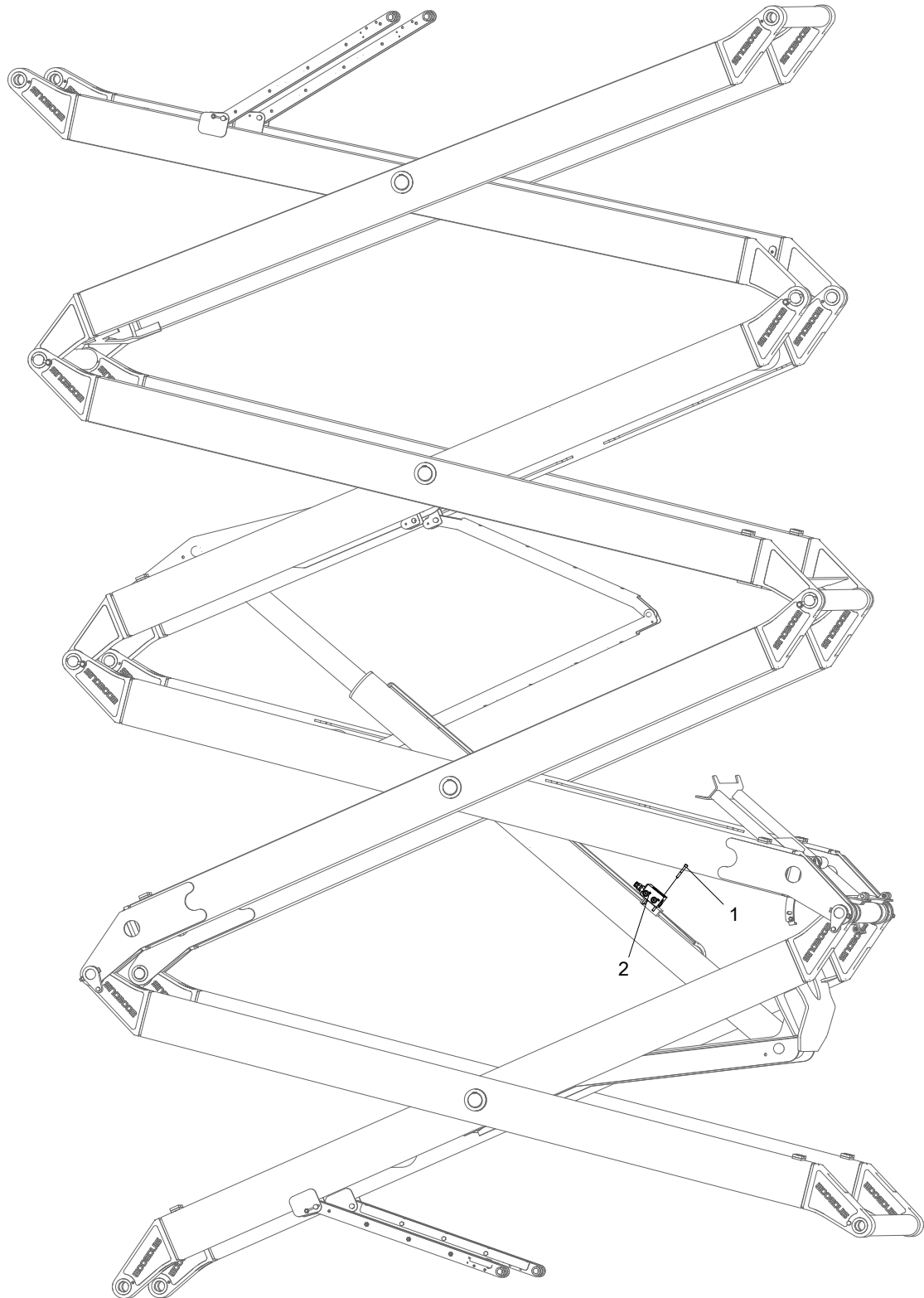
No.	Part No.	Qty.	Description
1	202990003103	1	Relief valve
2	202130000008	1	Damper plug
3	202990003158	2	Solenoid valve
4	202130000004	1	Plug
5	202990000037	2	Coil
6	202130003015	1	Damper
7	202130000001	1	Damper

6.6 DRIVE CONTROL VALVE(PN.20204000294)



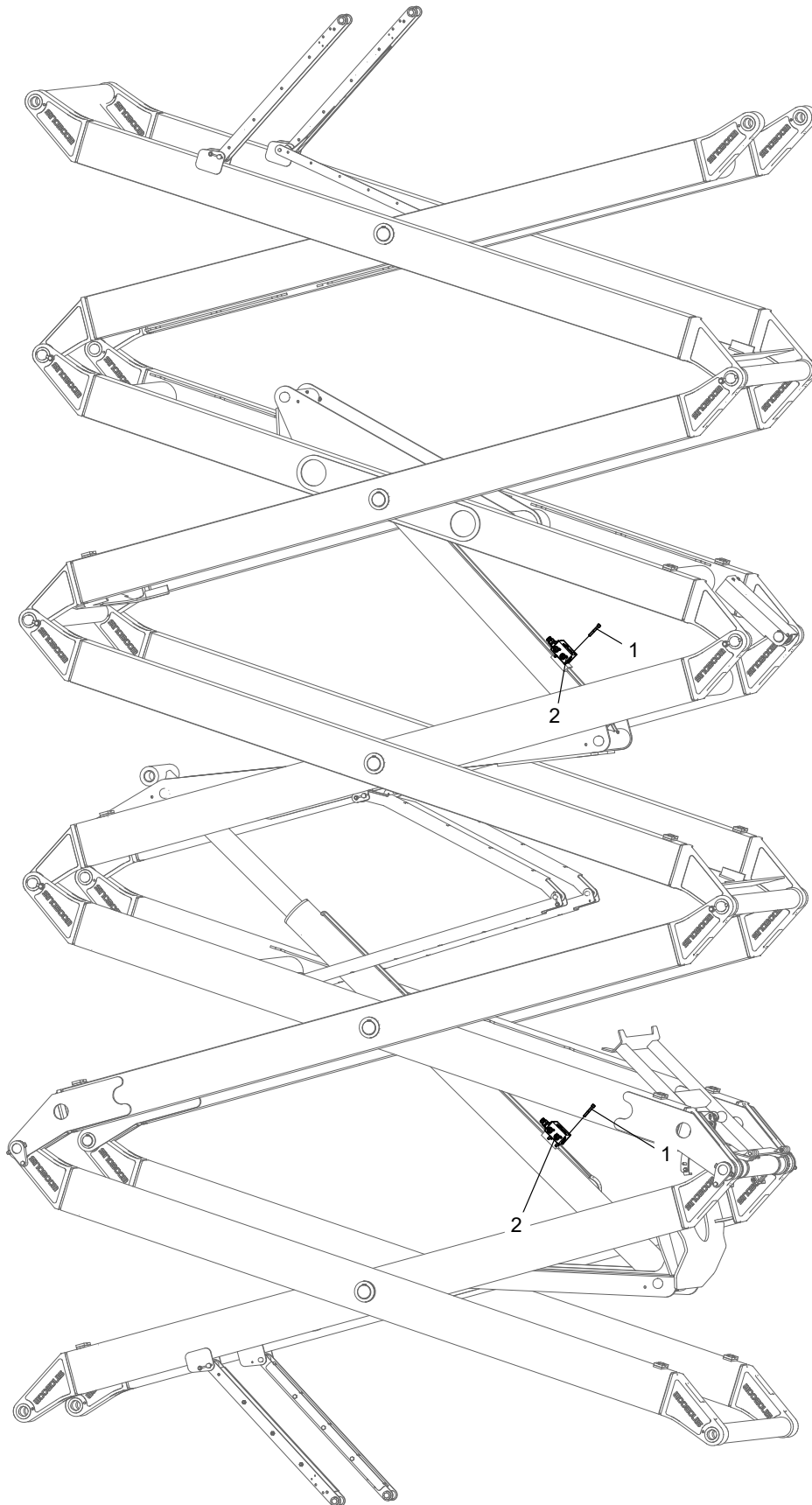
No.	Part No.	Qty.	Description
1	202990003211	1	Dividing-combining valve
2	202990003212	2	Dividing-combining valve
3	202130003021	1	Damper
4	202130000005	2	Damper plug
5	202990003231	7	Check valve
6	202990003108	1	Flushing valve
7	202990003188	1	Relief valve
8	202990003232	1	Shuttle valve
9	202130003015	1	Damper
10	202130003004	3	Damper

6.7 SCISSOR HYDRAULIC COMPONENTS INSTALLATION-1323RD



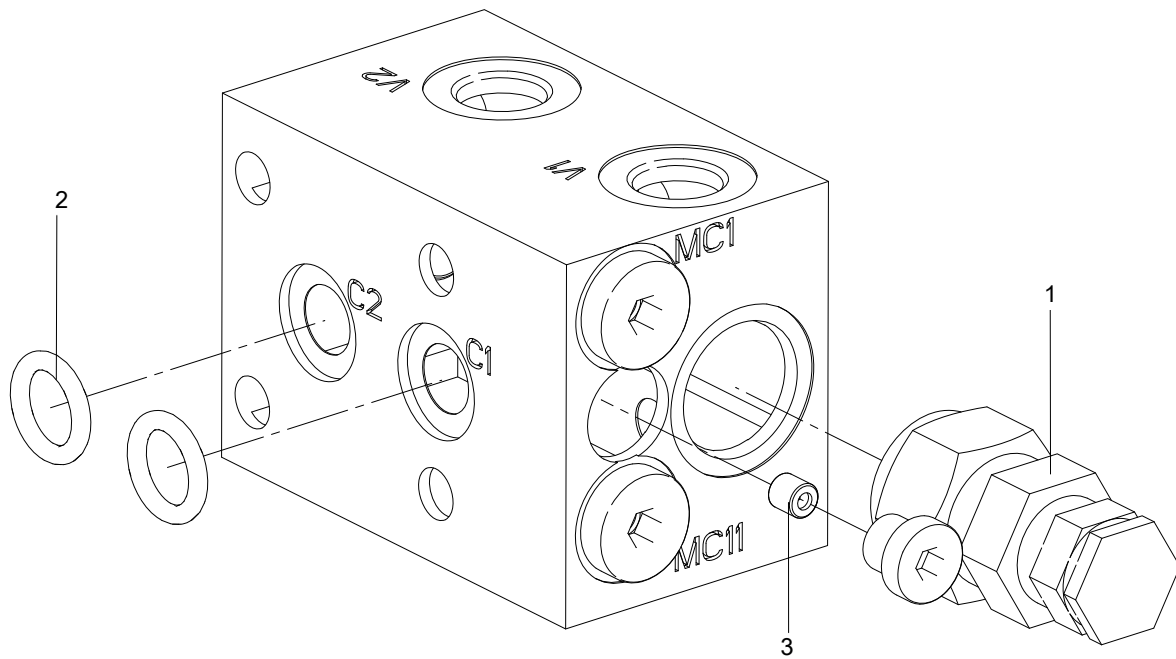
No.	Part No.	Qty.	Description
1	215020000039	4	Screw, M8×60-10.9-DKL GB/T 70.1
2	202040003279	1	Counterbalance valve, uni-directional

6.8 SCISSOR HYDRAULIC COMPONENTS INSTALLATION-1623RD



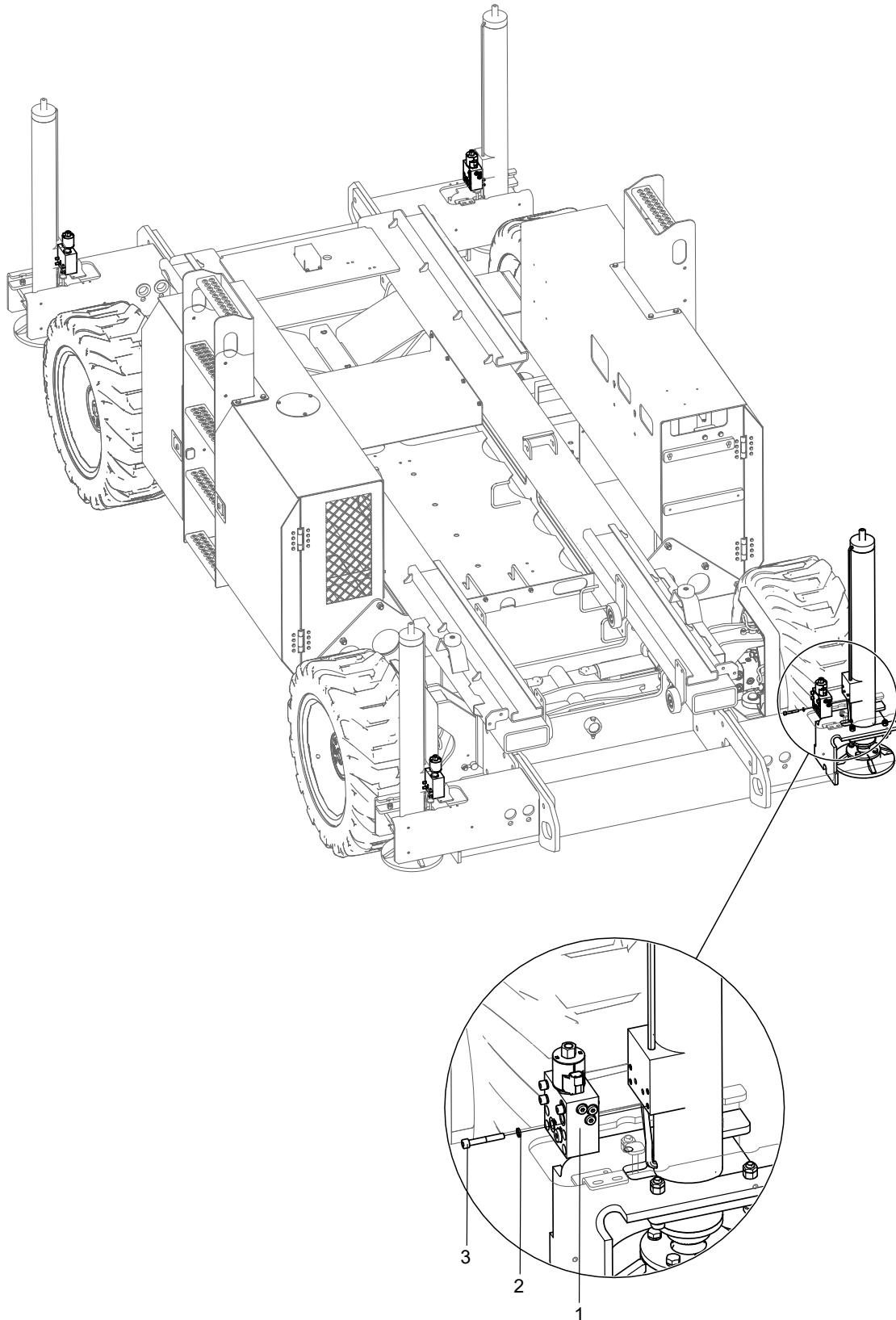
No.	Part No.	Qty.	Description
1	215020000039	8	Screw, M8×60-10.9-DKL GB/T 70.1
2	202040003279	2	Counterbalance valve, uni-directional

**6.9 COUNTERBALANCE VALVE, UNI-DIRECTIONAL
(PN.202040003279)**



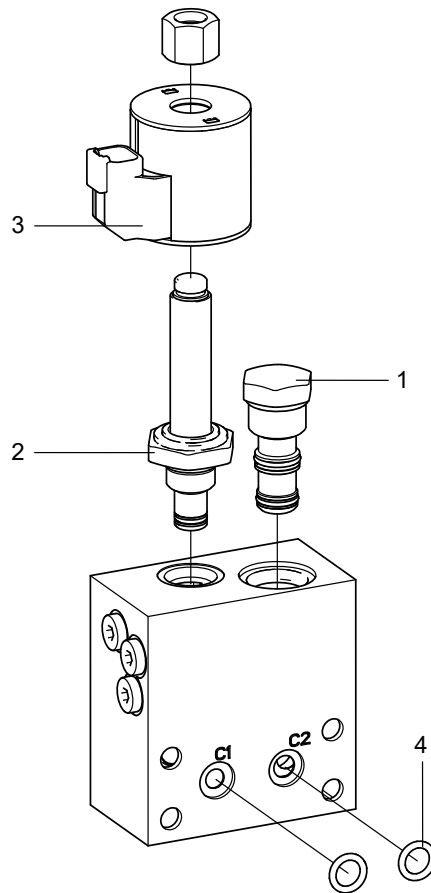
No.	Part No.	Qty.	Description
1	202990003230	1	Counterbalance valve
2	207060003005	2	O-ring
3	202130000007	1	Damper plug

6.10 OUTRIGGER HYDRAULIC COMPONENTS INSTALLATION (OPTIONS)



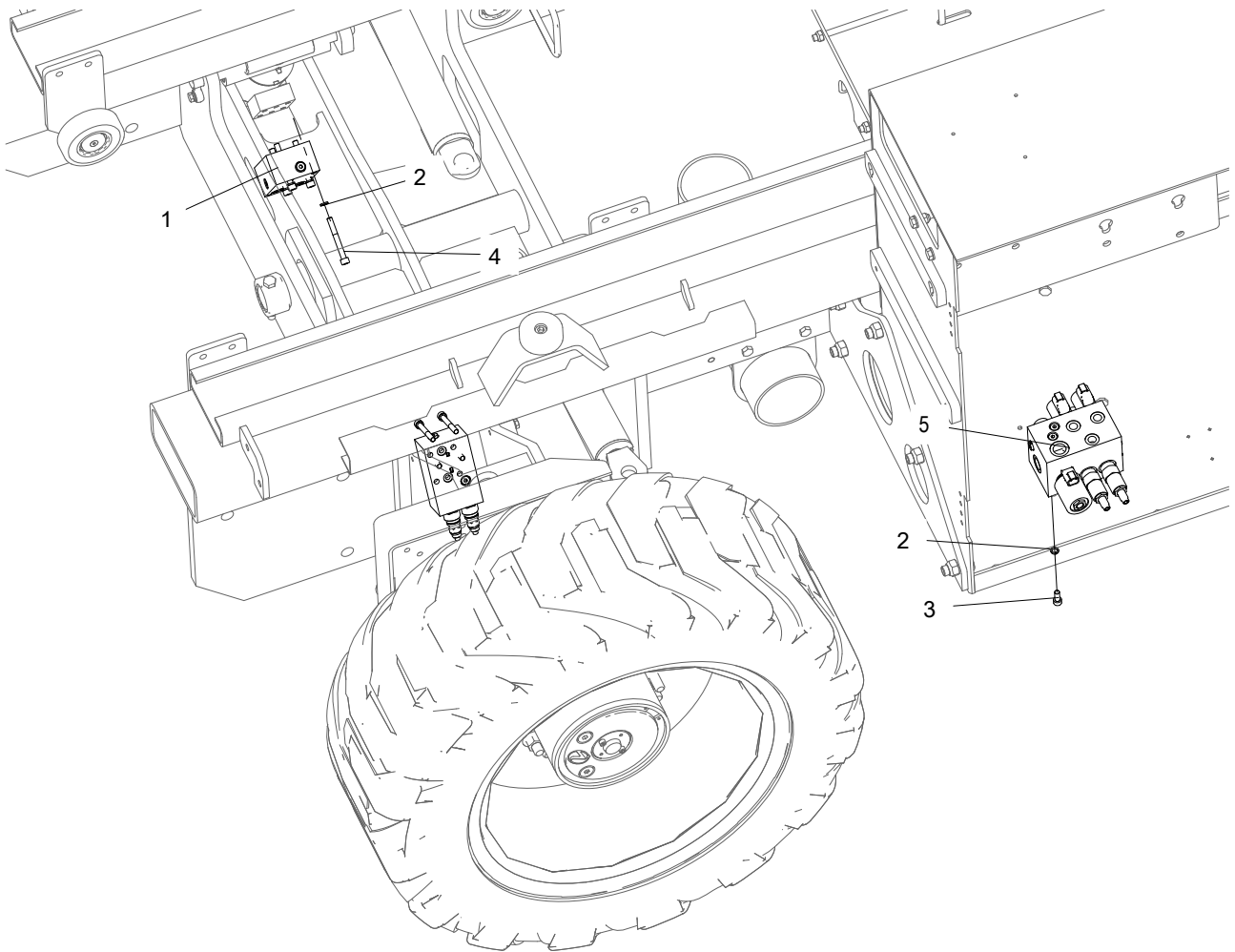
No.	Part No.	Qty.	Description
1	202040000059	4	Outrigger solenoid valve
2	215040000005	16	Washer 8-ZnD GB/T 93
3	215020000035	16	Screw M8×55-8.8-ZnD GB/T 70.1

6.11 OUTRIGGER SOLENOID VALVE(PN.20204000059)



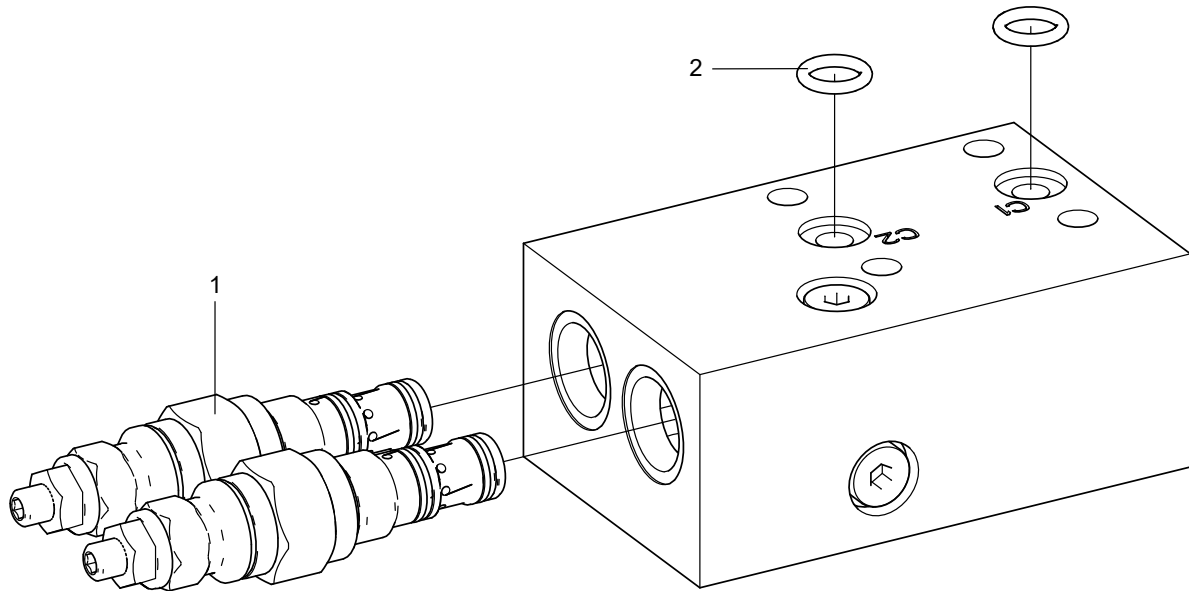
No.	Part No.	Qty.	Description
1	202990003204	1	Check valve
2	202040003157	1	Solenoid valve
3	202990000035	1	Coil
4	207040003003	2	O-ring

6.12 OSCILLATE HYDRAULIC COMPONENTS INSTALLATION (OPTIONS)



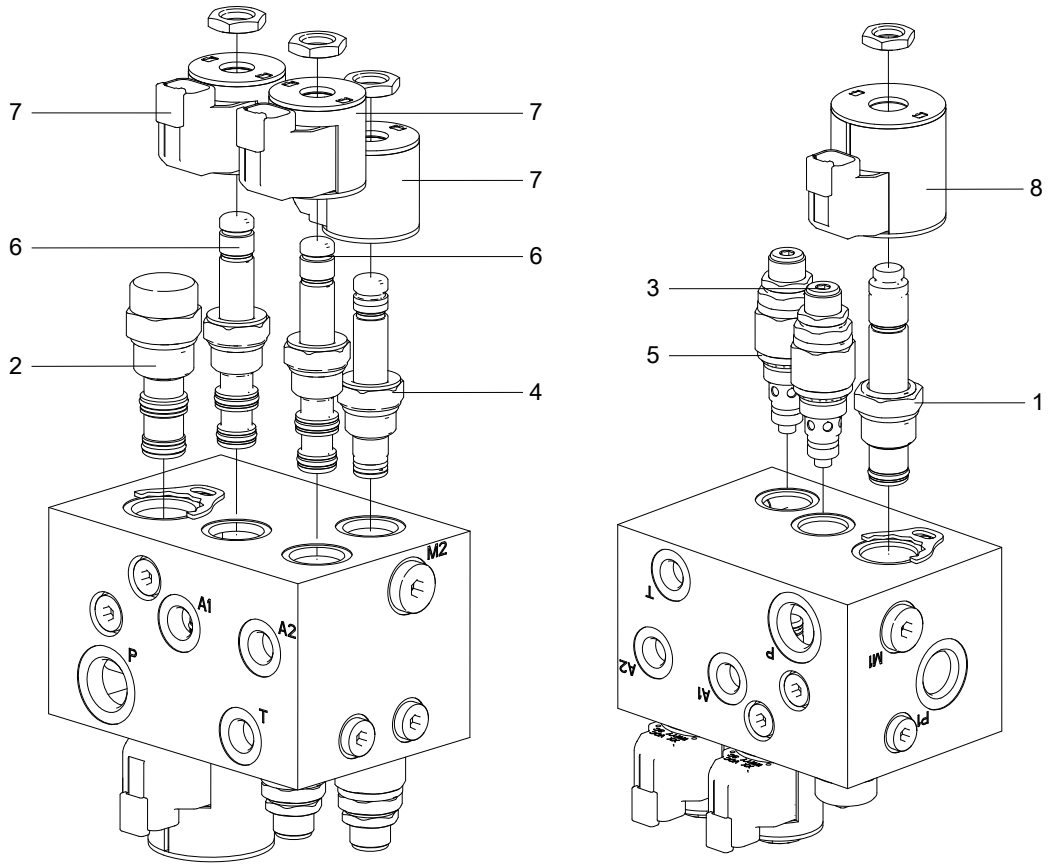
No.	Part No.	Qty.	Description
1	202040003137	2	2-way counterbalance valve
2	215040000005	12	Washer 8-ZnD GB/T 93
3	215020000023	4	Screw M8×20-8.8-ZnD GB/T 70.1
4	215020000041	8	Screw M8×70-8.8-ZnD GB/T 70.1
5	202040000293	1	Oscillate control vlave

6.13 2-WAY COUNTERBALANCE VALVE(PN.202040003137)



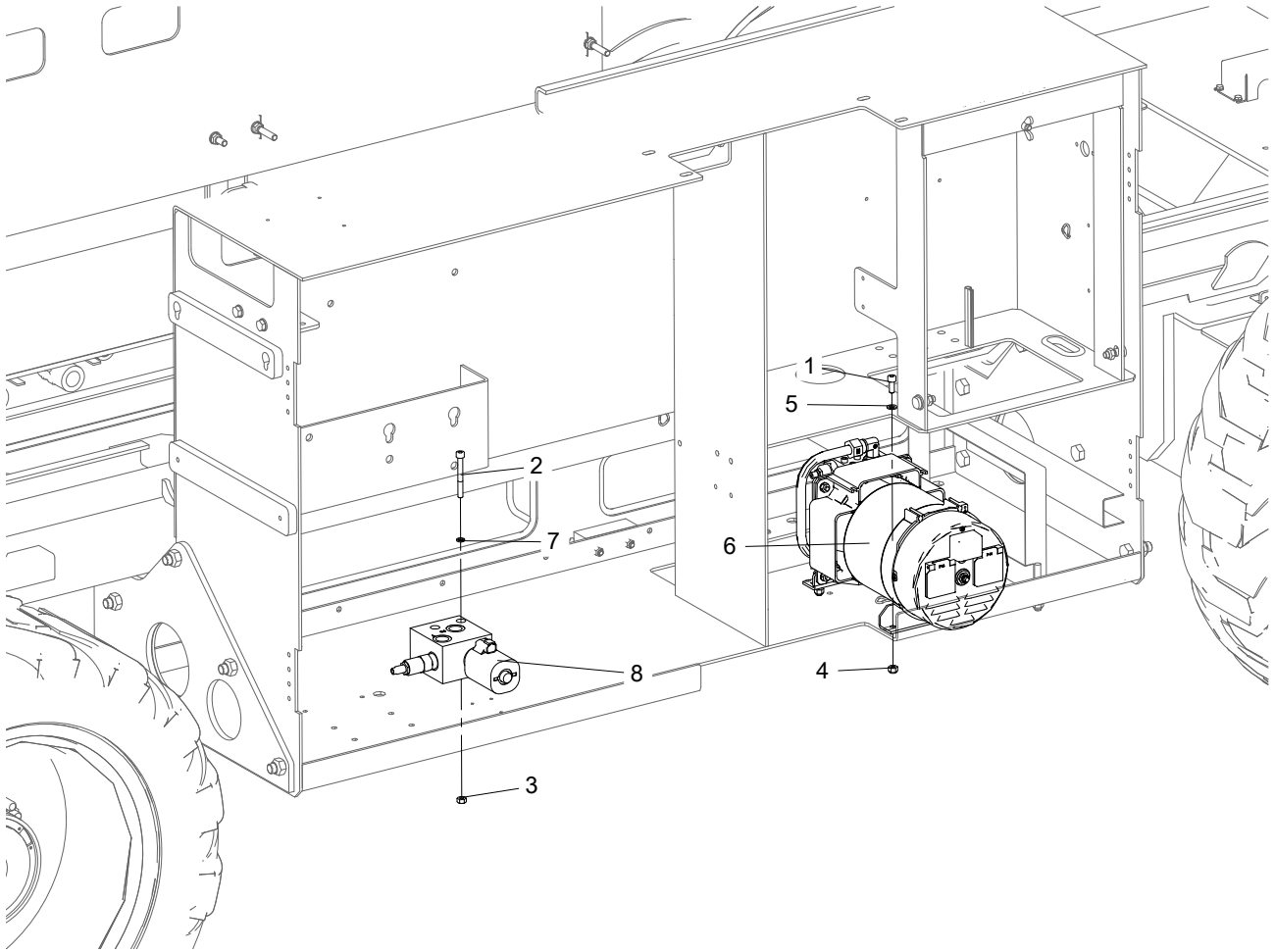
No.	Part No.	Qty.	Description
1	202990003207	2	Counterbalance valve
2	207040003003	2	O-ring

6.14 OSCILLATE CONTROL VLAVE (PN.202040000293)



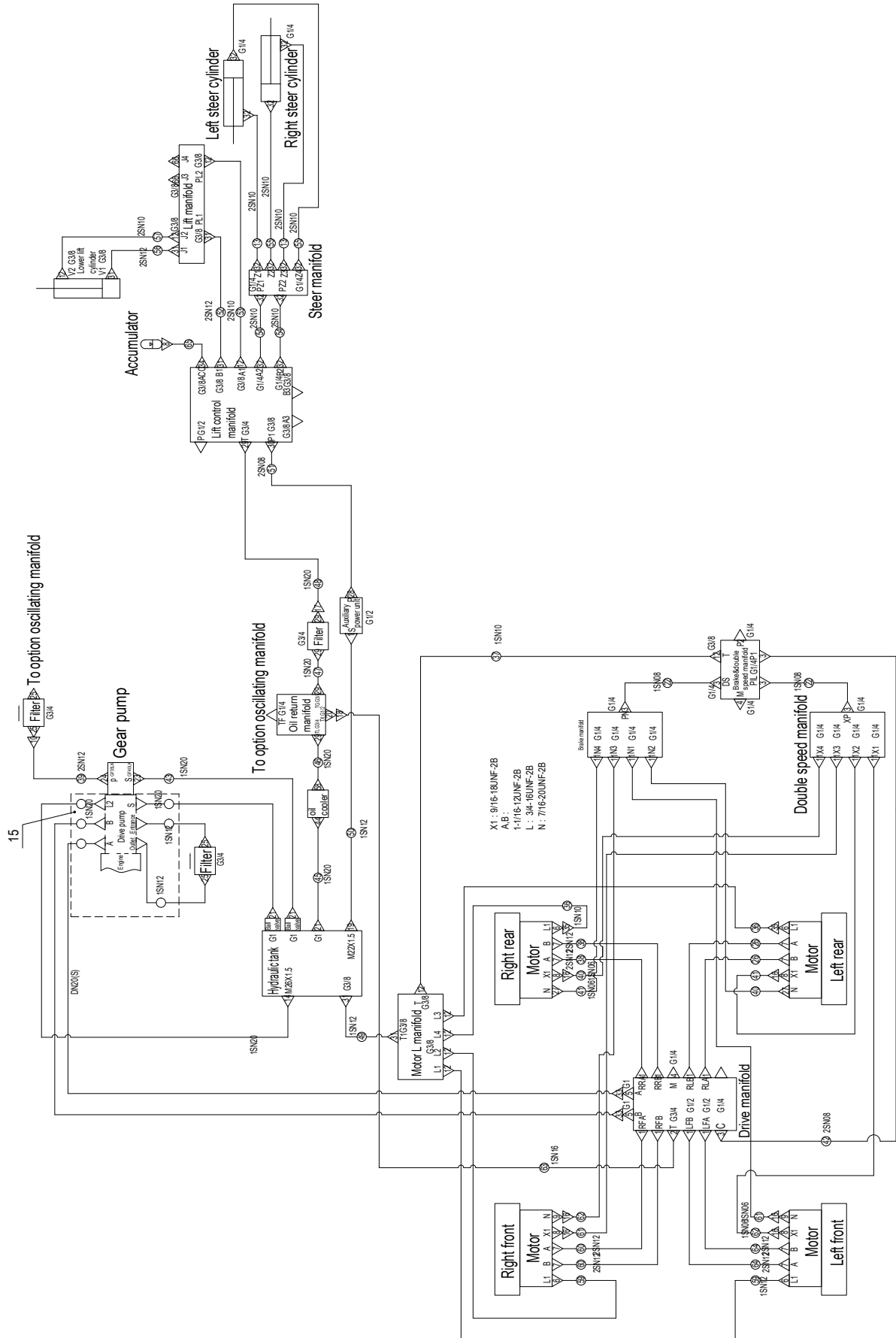
No.	Part No.	Qty.	Description
1	202990003205	1	Solenoid valve
2	202990003206	1	Flow valve
3	202990000029	1	Relief valve
4	202040003351	1	Solenoid valve
5	202990000028	1	Relief valve
6	202040003152	2	Solenoid valve
7	202990000037	3	Coil
8	202990000035	1	Coil

6.15 HYDRAULIC GENERATOR INSTALLATION(OPTIONS)



No.	Part No.	Qty.	Description
1	215020000023	4	Screw M8×20-8.8-ZnD GB/T 70.1
2	215020000041	2	Screw M8×70-8.8-ZnD GB/T 70.1
3	215030000005	2	Nut M8-8-ZnD GB/T 6170
4	215030000026	4	Nut M8-8-ZnD GB/T889.1
5	215040000034	4	Washer 8-200HV-ZnD GB/T 97.1
6	203180000001	1	Hydraulic generator
7	215040000005	2	Washer 8-ZnD GB/T 93
8	202040000045	1	Control manifold, generator

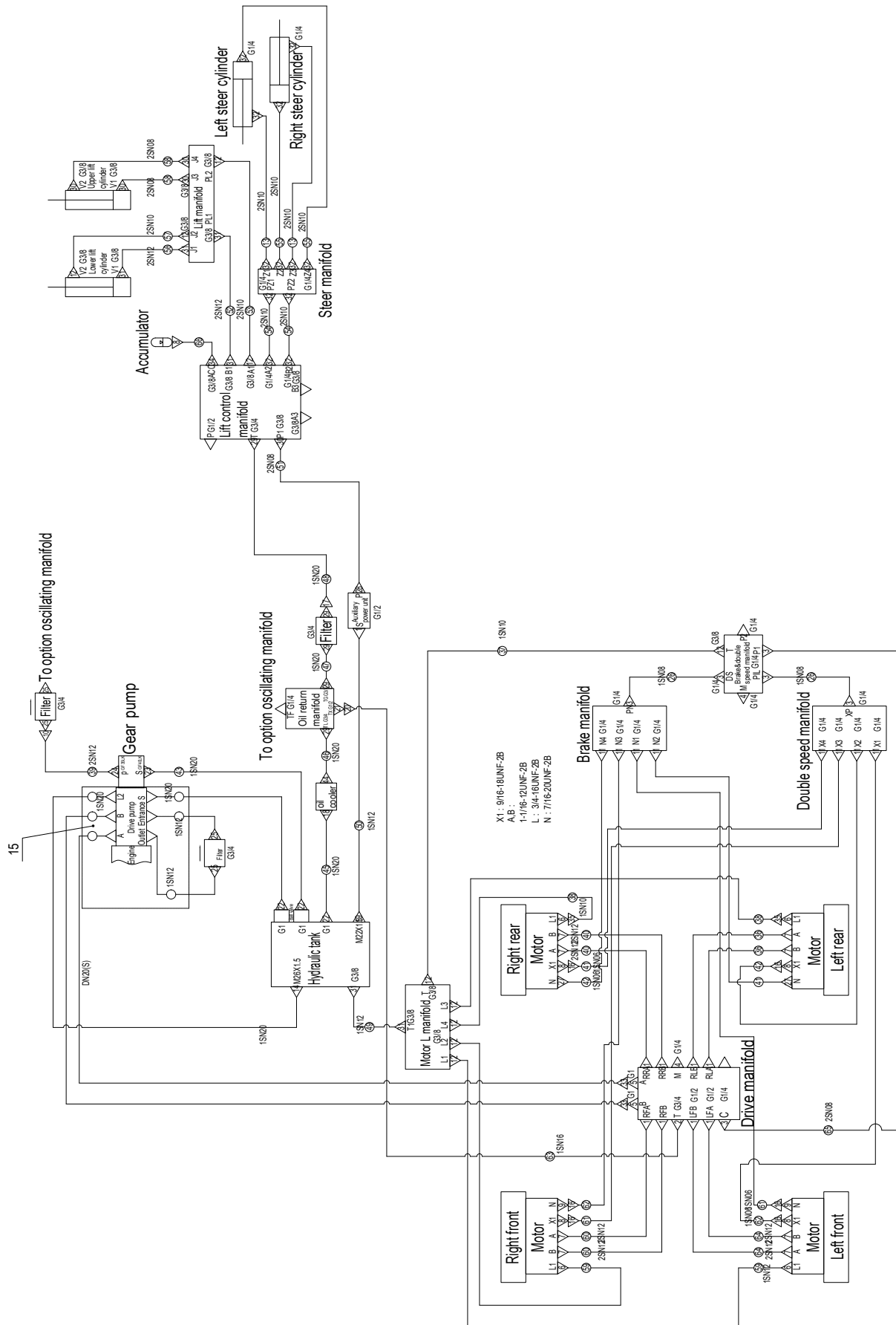
6.16 HYDRAULIC TUBES LAYOUT-1323RD



No.	Part No.	Qty.	Description
1	213010000039	9	Fitting
2	213010000082	1	Fitting
3	213010000012	6	Fitting
4	213010000010	2	Fitting
5	213010000179	2	Fitting
6	213010000028	4	Fitting
7	213010003016	8	Fitting
8	213010000144	5	Fitting
9	213010000013	2	Fitting
10	213010000008	1	Fitting
11	213010000007	8	Fitting
12	213010000005	10	Fitting
13	213050001325	2	Hose
14	213010000037	1	Fitting
15	102001053003		Closed variable displacement pump piping layout options
15-1	102001053005	1	Closed variable displacement pump piping layout
15-2	102001053007	1	Closed variable displacement pump piping layout
16	213010000024	6	Fitting
17	213010000041	1	Fitting
18	213010000067	1	Fitting
19	213010000153	1	Fitting
20	213010000092	1	Fitting
21	213010000175	3	Fitting
22	213050000234	2	Hose
23	213030000020	1	Flange assembly
24	213030000011	1	Flange assembly
25	213010000014	4	Fitting
26	213050000440	2	Hose
27	213010003015	2	Fitting
28	213010000125	1	Fitting
29	213010000045	5	Fitting
30	213010000006	1	Fitting
31	213010000003	6	Fitting
32	213010000036	12	Fitting
33	213010000022	2	Fitting
34	213010000047	1	Fitting

No.	Part No.	Qty.	Description
35	213010000055	2	Fitting
36	213050000017	2	Hose
37	213050000222	1	Hose
38	213050000810	2	Hose
39	213050000859	1	Hose
40	213050000109	2	Hose
41	213050000850	2	Hose
42	213050001146	1	Hose
43	213050000834	1	Hose
44	102004050052	1	Fitting, non-standard
45	213050001148	1	Hose
46	213050001149	1	Hose
47	213050000854	1	Hose
48	213050000993	1	Hose
49	213050000841	1	Hose
50	213050000832	1	Hose
51	213050000383	1	Hose
52	213050000813	1	Hose
53	213050000354	1	Hose
54	213050001147	2	Hose
55	213050000833	2	Hose
56	213050003138	1	Hose
57	213050003139	1	Hose
58	102001050057	1	Adapter
59	213050000663	2	Hose
60	213050000843	2	Hose
61	213050000835	2	Hose
62	213050000852	2	Hose
63	213050000836	1	Hose
64	213050000837	2	Hose
65	213050001567	1	Hose
66	213060000001	2	Plug

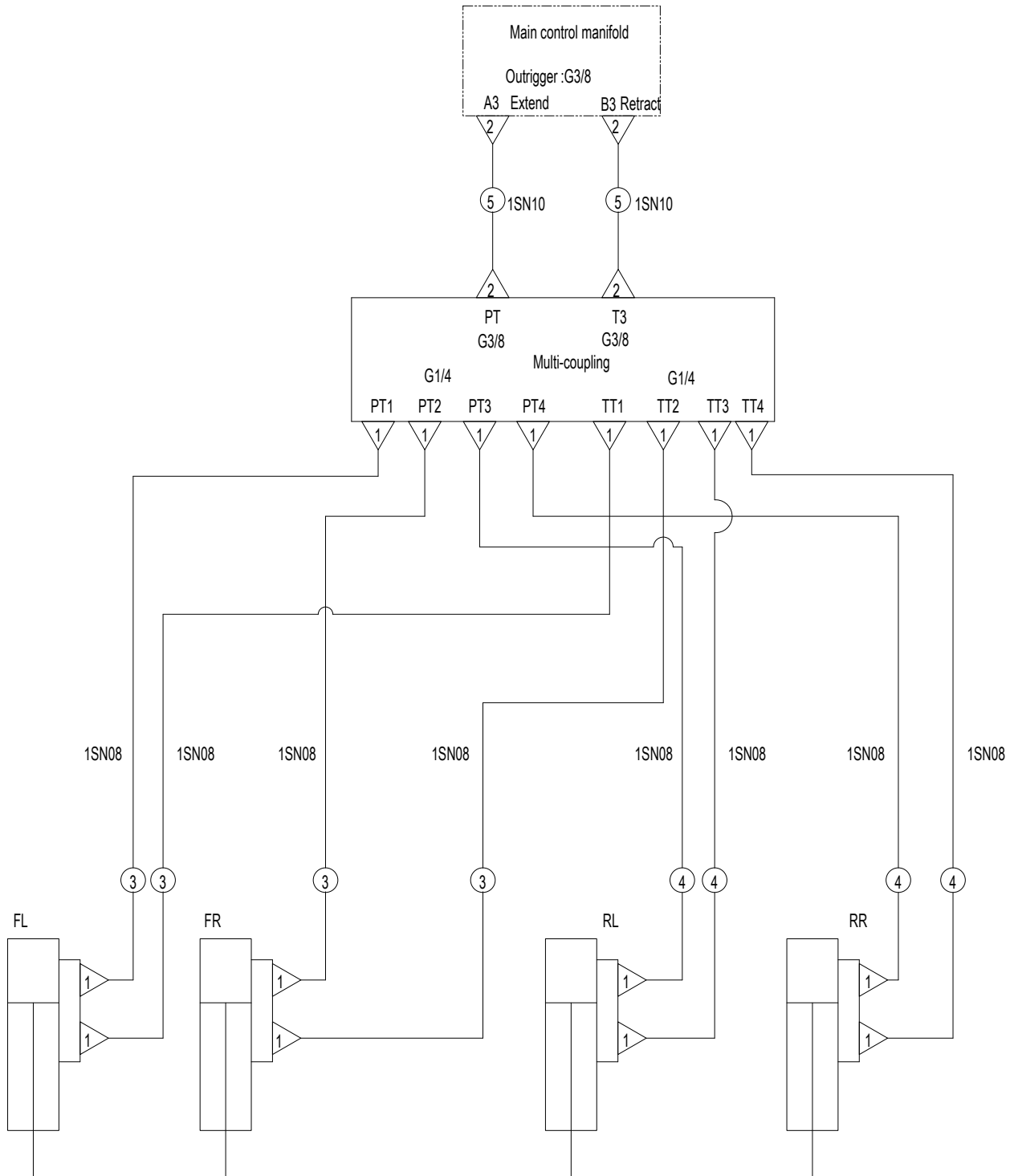
6.17 HYDRAULIC TUBES LAYOUT-1623RD



No.	Part No.	Qty.	Description
1	213010000039	9	Fitting
2	213010000082	1	Fitting
3	213010000012	6	Fitting
4	213010000010	2	Fitting
5	213010000179	2	Fitting
6	213010000028	4	Fitting
7	213010003016	8	Fitting
8	213010000144	5	Fitting
9	213010000013	2	Fitting
10	213010000008	1	Fitting
11	213010000007	8	Fitting
12	213010000005	10	Fitting
13	213050001325	2	Hose
14	213010000037	1	Fitting
15	102001053003		Closed variable displacement pump piping layout options
15-1	102001053005	1	Closed variable displacement pump piping layout
15-2	102001053007	1	Closed variable displacement pump piping layout
16	213010000024	6	Fitting
17	213010000041	1	Fitting
18	102004050052	1	Fitting, non-standard
19	213010000153	1	Fitting
20	213010000067	1	Fitting
21	213010000092	1	Fitting
22	213010000175	3	Fitting
23	213030000020	1	Flange assembly
24	213030000011	1	Flange assembly
25	213010000014	4	Fitting
26	213050000234	2	Hose
27	213010003015	2	Fitting
28	213010000125	1	Fitting
29	213010000045	5	Fitting
30	213010000006	5	Fitting
31	213010000003	6	Fitting
32	213010000036	12	Fitting
33	213010000022	2	Fitting
34	213010000047	1	Fitting

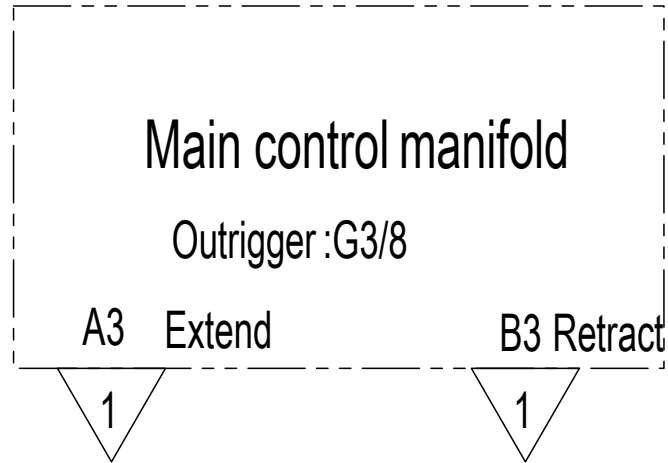
No.	Part No.	Qty.	Description
35	213010000055	2	Fitting
36	213050000440	2	Hose
37	213050000222	1	Hose
38	213050000017	2	Hose
39	213050000859	1	Hose
40	213050000810	2	Hose
41	213050000109	2	Hose
42	213050000850	2	Hose
43	213050000834	1	Hose
44	102001050057	1	Adapter
45	213050001148	1	Hose
46	213050001149	1	Hose
47	213050000854	1	Hose
48	213050000993	1	Hose
49	213050000841	1	Hose
50	213050000832	1	Hose
51	213050000383	1	Hose
52	213050000813	1	Hose
53	213050000354	1	Hose
54	213050001147	2	Hose
55	213050000833	2	Hose
56	213050003138	1	Hose
57	213050003139	1	Hose
58	213050003140	2	Hose
59	213050000663	2	Hose
60	213050000843	2	Hose
61	213050000835	2	Hose
62	213050000852	2	Hose
63	213050000836	1	Hose
64	213050000837	2	Hose
65	213050001146	1	Hose
66	213050001567	1	Hose

6.18 HYDRAULIC TUBES LAYOUT(WITH OUTRIGGER)



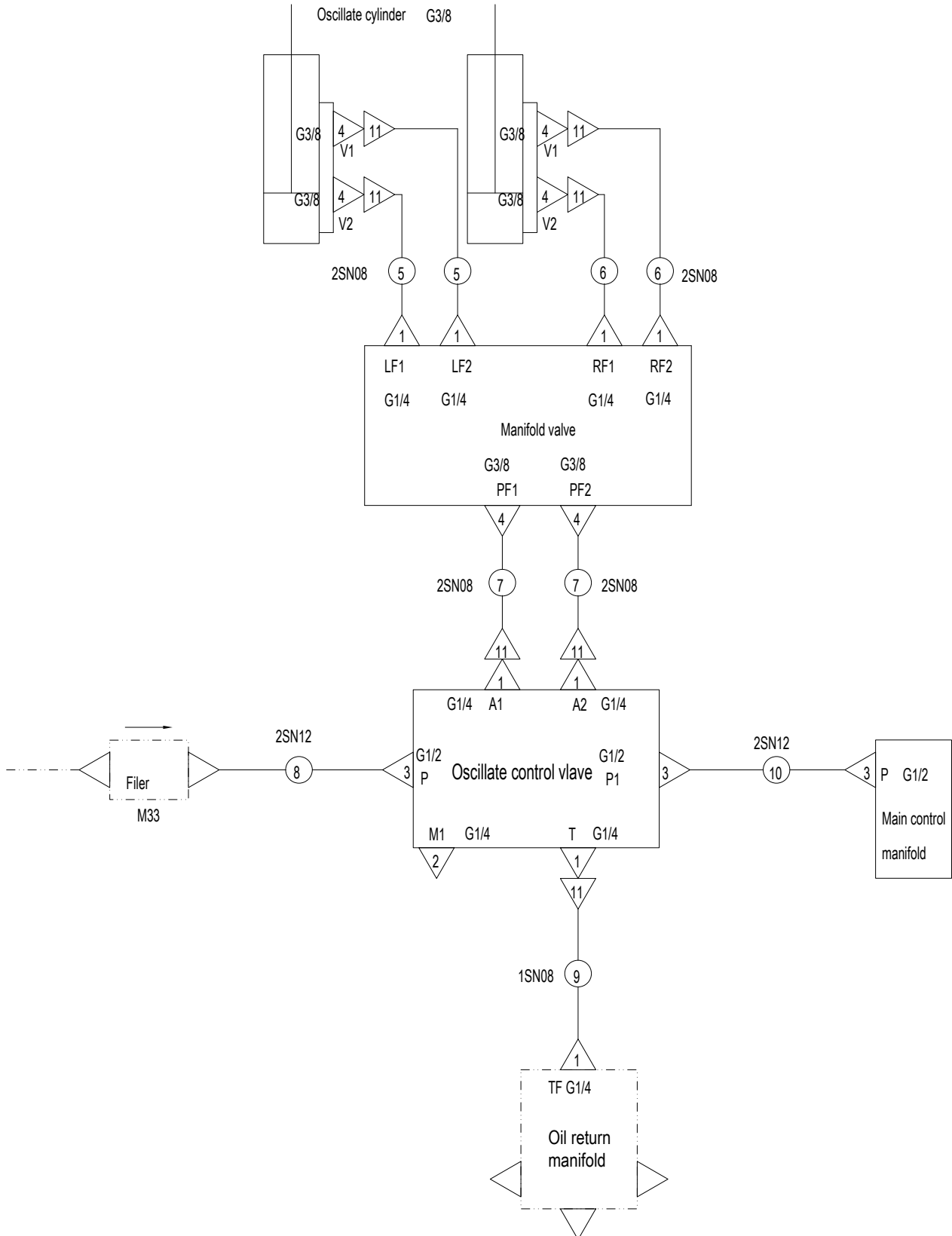
No.	Part No.	Qty.	Description
1	213010000012	16	Fitting
2	213010000005	4	Fitting
3	213050000335	4	Hose
4	213050000815	4	Hose
5	213050000222	2	Hose

6.19 HYDRAULIC TUBES LAYOUT(WITHOUT OUTRIGGER)



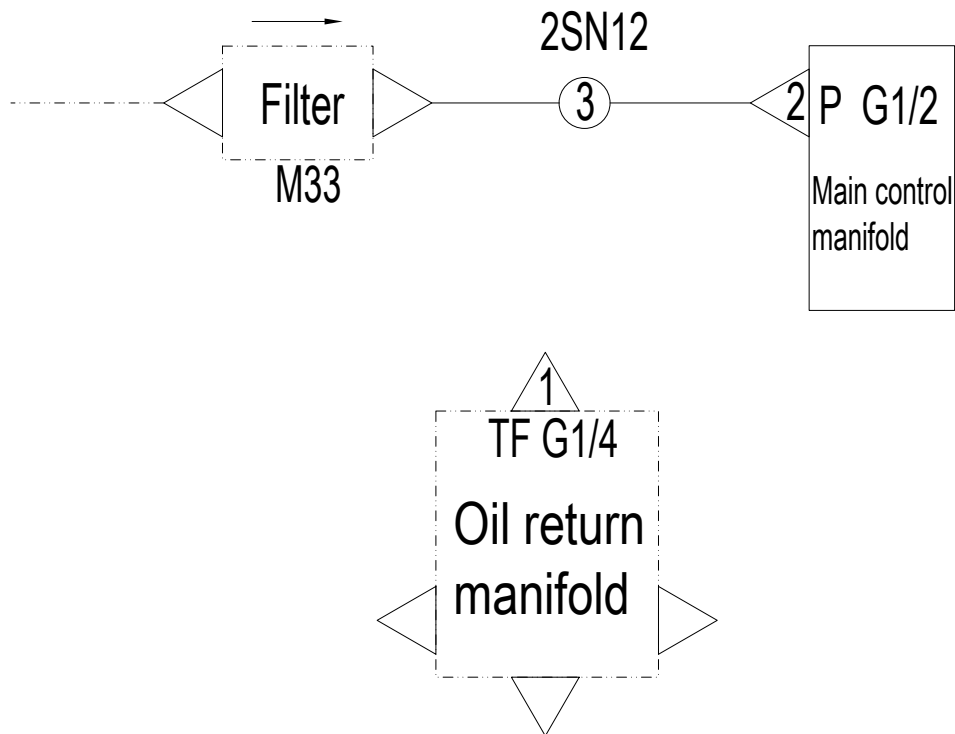
No.	Part No.	Qty.	Description
1	213060000001	2	Plug

6.20 HYDRAULIC TUBES LAYOUT(WITH OSCILLATE FUNCTION)



No.	Part No.	Qty.	Description
1	213010000012	8	Fitting
2	213010000010	1	Fitting
3	213010000039	3	Fitting
4	213010000006	6	Fitting
5	213050000853	2	Hose
6	213050000844	2	Hose
7	213050000576	2	Hose
8	213050001574	1	Hose
9	213050000846	1	Hose
10	213050000068	1	Hose
11	213010000009	7	Fitting

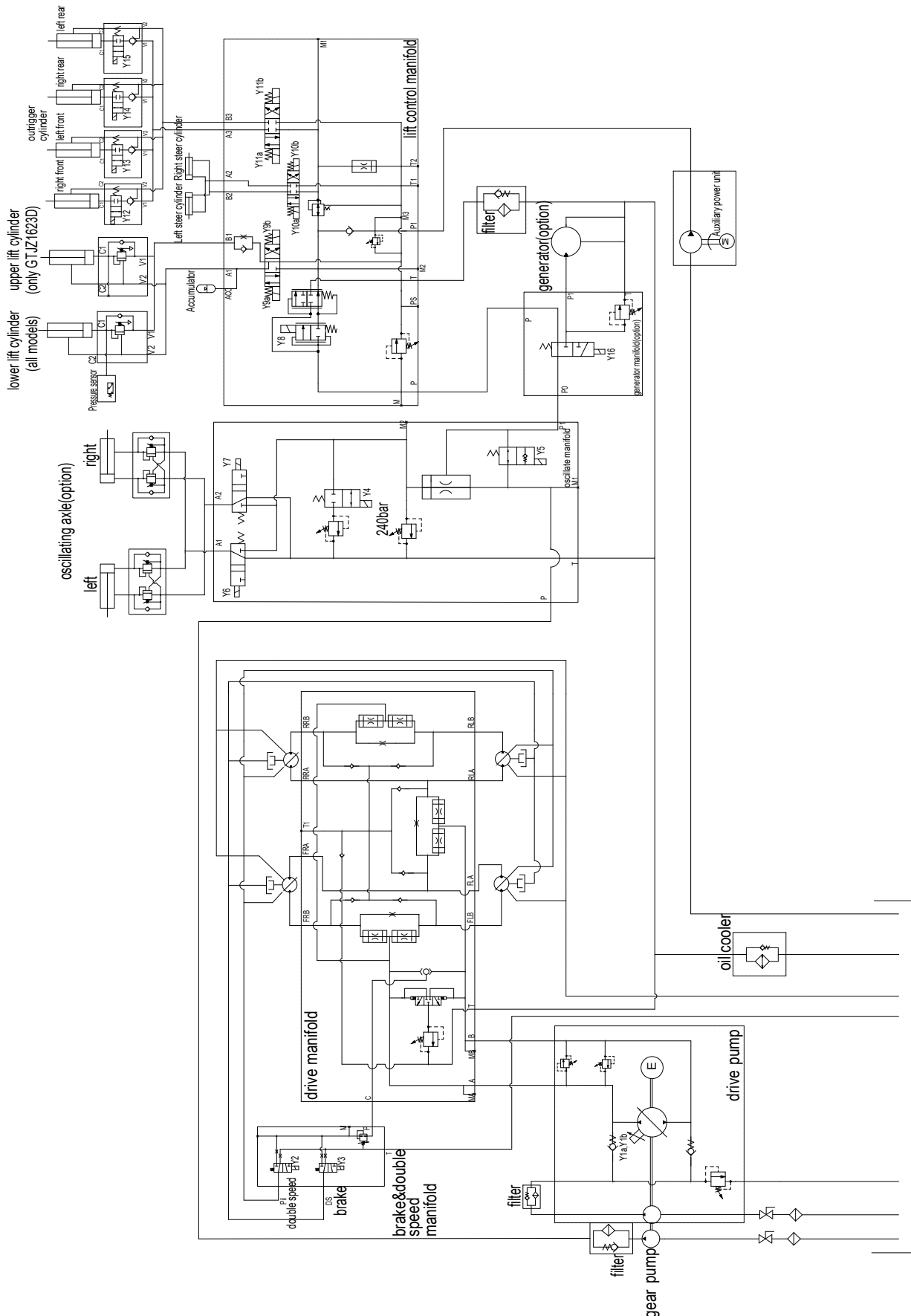
6.21 HYDRAULIC TUBES LAYOUT(WITHOUT OSCILLATE FUNCTION)



No.	Part No.	Qty.	Description
1	213060000003	1	Plug
2	213010000039	1	Fitting
3	213050000040	1	Hose

6.22 HYDRAULIC SCHEMATIC

Hydraulic Schematic

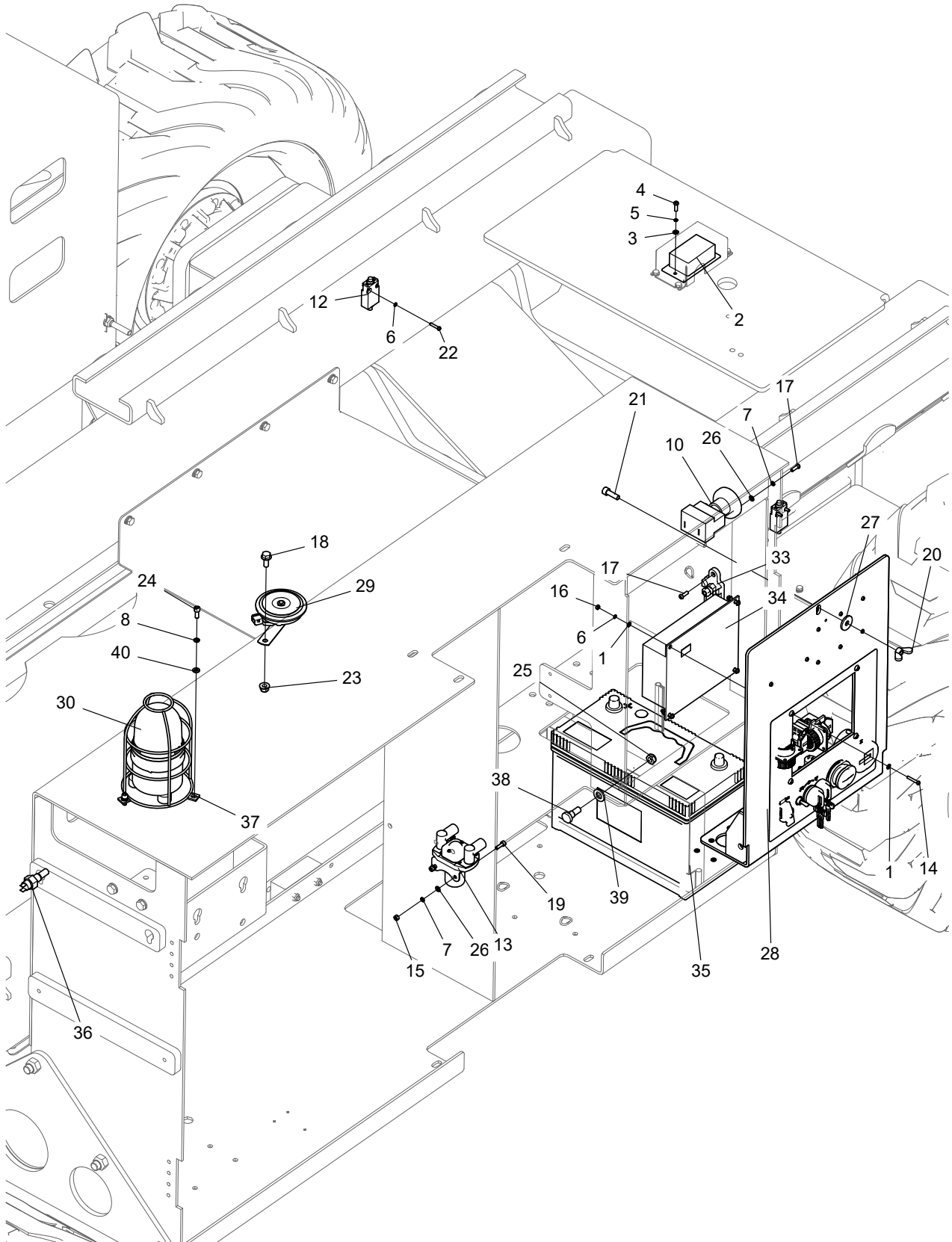


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7 ELECTRICAL SYSTEM

7.1 ELECTRICAL SYSTEM(DEUTZ/EURO 3)

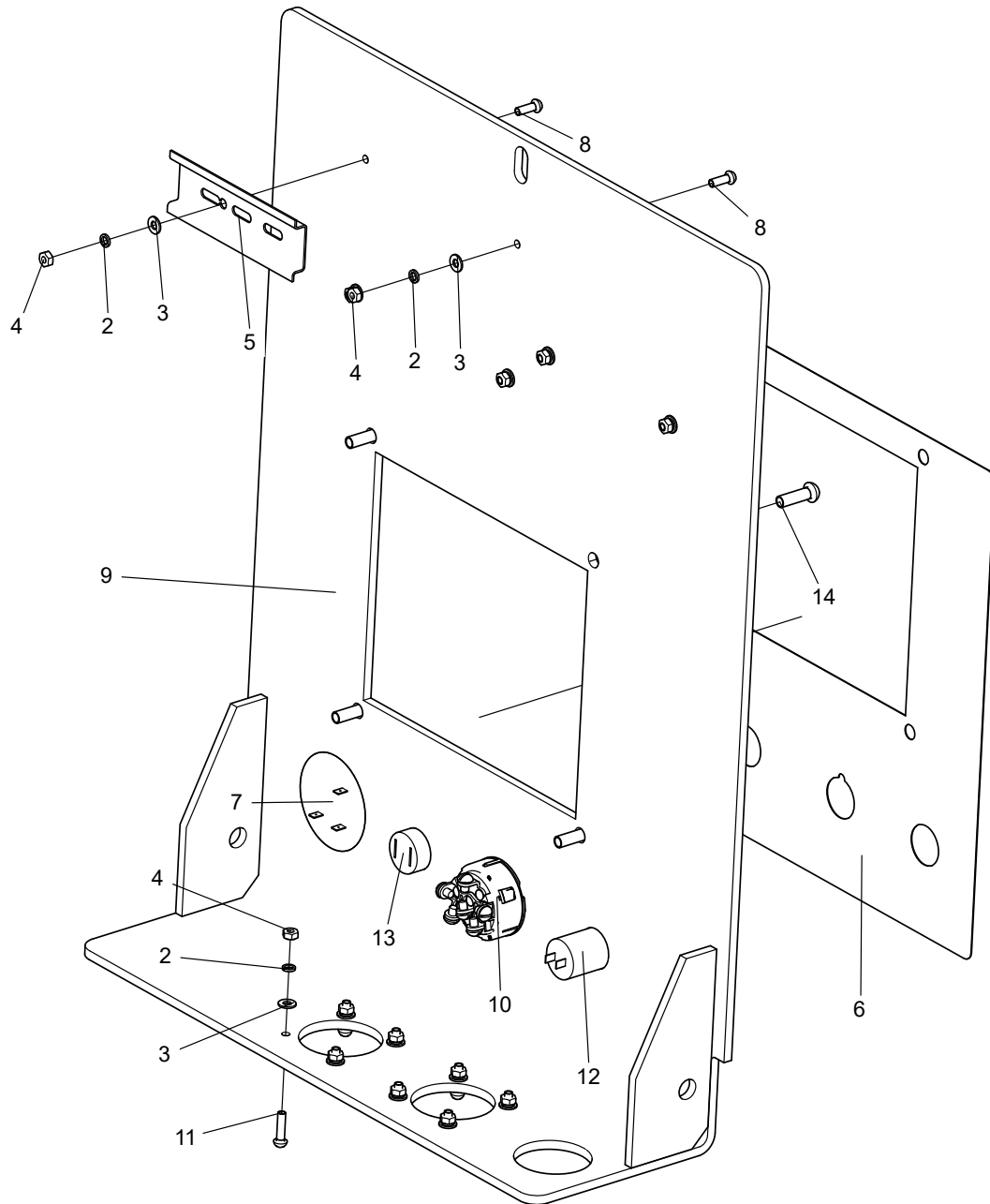
7.1.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	215040000031	8	Washer 4-A2 GB/T 97.1
2	203150000045	1	Level sensor, dual-axis
3	215040000032	2	Washer 5-A2 GB/T 97.1
4	215020000111	2	Screw M5×16-A2-70 GB/T 818
5	215040000002	2	Washer 4-A2-70 GB/T 93
6	215040000002	8	Washer 4-A2-70 GB/T 93
7	215040000003	6	Washer 5-A2-70 GB/T 93
8	215040000004	3	Washer 6-A2-70 GB/T 93
9	203100000053	1	Jacket, flexible
10	203060000124	1	Power-off switch
11	203100000051	1	Jacket, flexible
12	203060000031	2	Travel switch
13	203040000002	1	Solenoid contactor, DC
14	215020000108	4	Screw M4×25-A2-70 GB/T 818
15	215030000003	2	Nut M5-A2-70 GB/T 6170
16	215030000002	4	Nut M4-8-A2-70 GB/T 6170
17	215020000111	4	Screw M5×16-A2-70 GB/T 818
18	215010000264	1	Bolt M8×20-10.9-DKL GB/T 5789
19	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
20	215030000086	1	Nut M8-8-ZnD GB/T62
21	215020000024	1	Screw M8×25-8.8-ZnD GB/T 70.1
22	215020000107	4	Screw M4×20-A2-70 GB/T 818
23	215030000108	1	Nut M8-8-ZnD GB/T 6183
24	215020000011	3	Screw M6×16-A2-70 GB/T 70.1
25	215030000027	2	Nut M10-8-ZnD GB/T 6184
26	215040000032	4	Washer 5-A2 GB/T 97.1
27	215040000103	1	Washer 8-100HV-ZnD GB/T 5287
28	102013063012	1	Control panel installation options(See Details)
29	203050000034	1	Horn
30	203050000060	1	Beacon light
31	203080000250	1	Battery terminal
32	203080000004	6	Connector, PVC
33	203070000043	1	Fuse holder, with 275A fuse
34	102010063010		Options, Main controller
34-1	203020000033	1	Main controller(DTC-K100)
34-2	203020003019	1	Main controller(DTC-K110)
34-3	203020003041	1	Electronic control unit(SINOBOOM)
34-4	203020003135	1	Main Controller(DTC-K120)

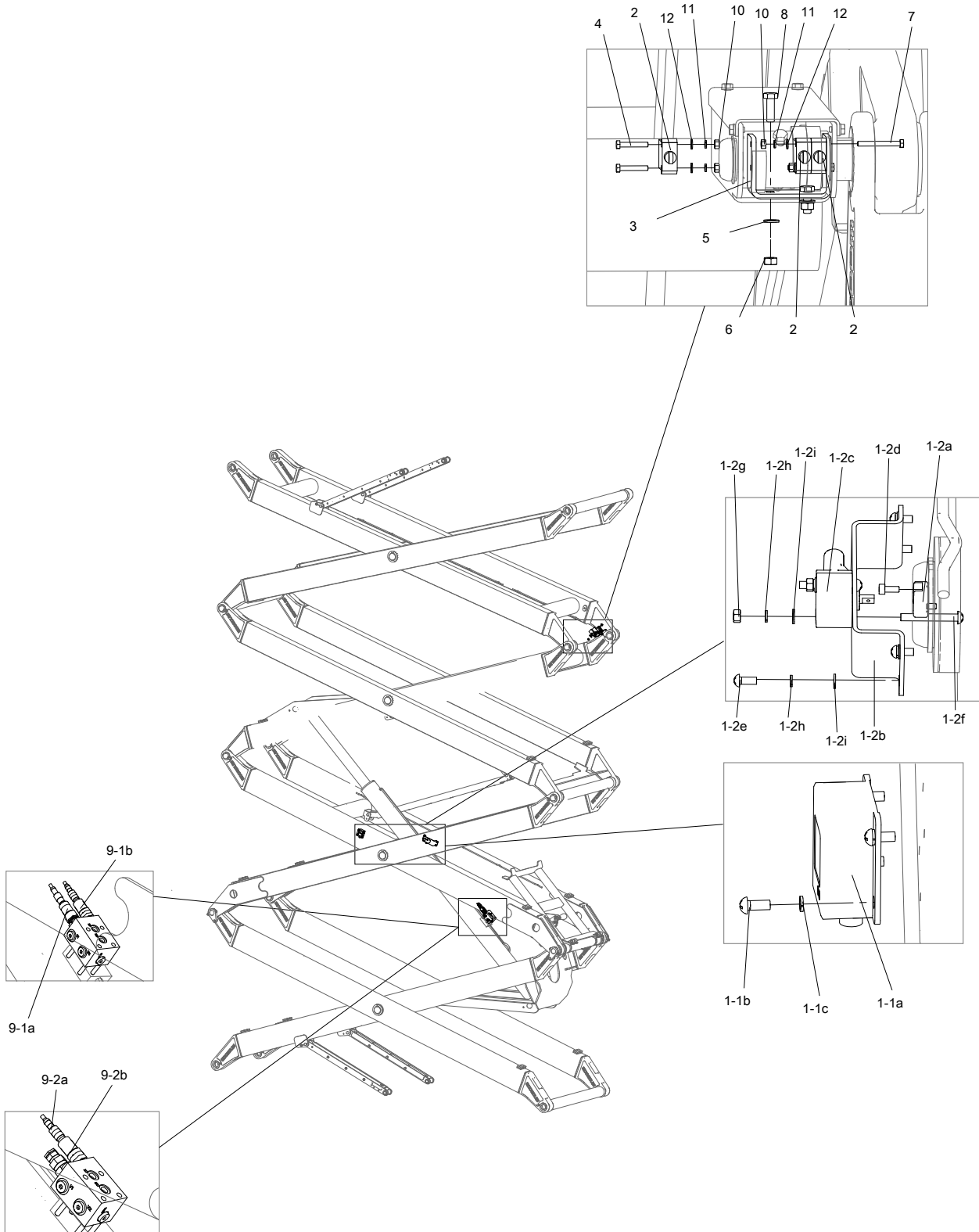
No.	Part No.	Qty.	Description
35	203100000061	1	Battery, maintenance-free
36	203150000038	1	Temp sensor
37	105021060024	1	Guard, beacon light
38	102004030005	2	Cotter pin
39	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
40	215040000033	3	Washer 6-A2 GB/T 97.1

7.1.2 CONTROL PANEL INSTALLATION(PN.102001060018)



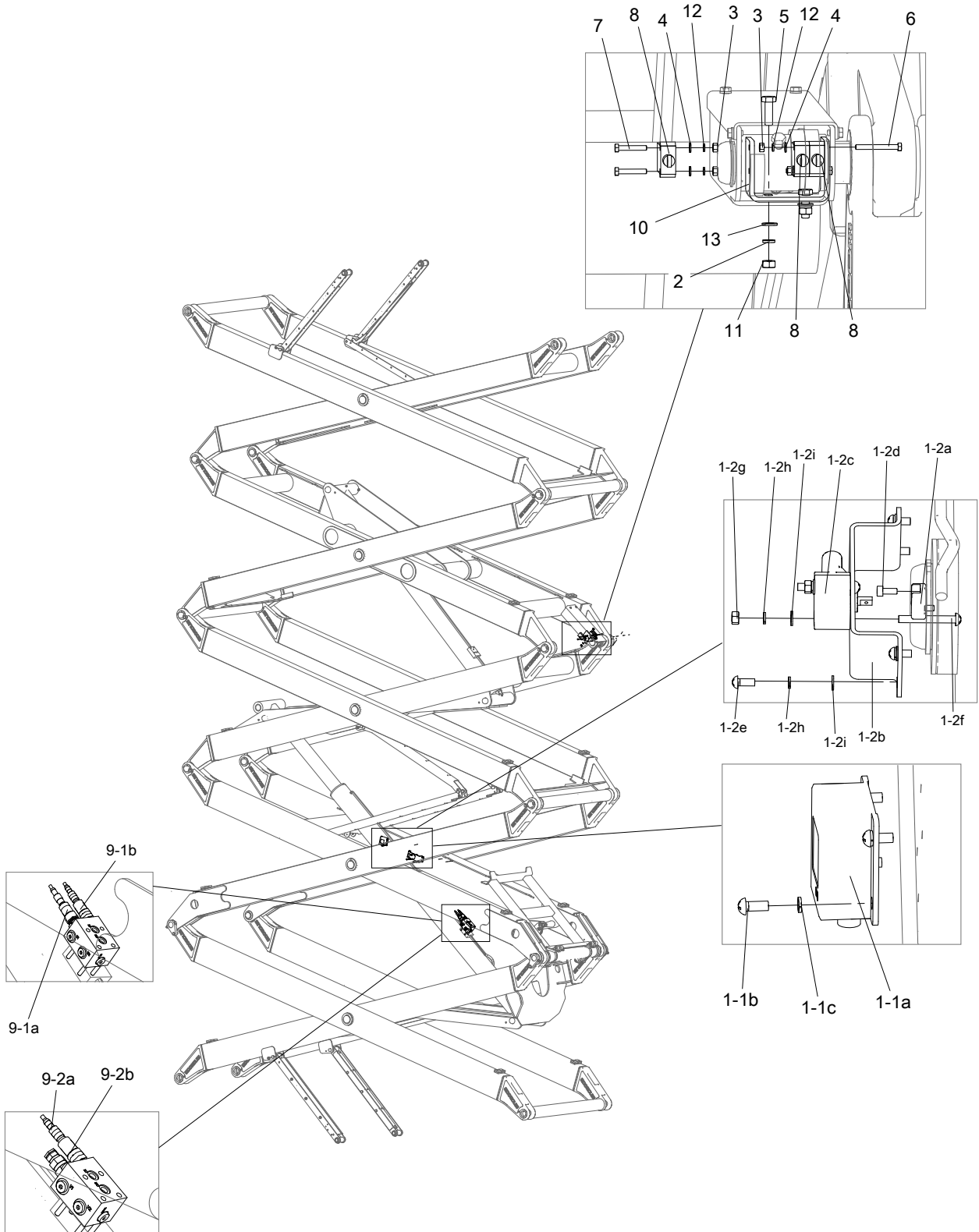
No.	Part No.	Qty.	Description
1	102001060021	1	Wiring assembly, ground controls (DTC)(Not shown)
2	215040000002	14	Washer 4-A2-70 GB/T 93
3	2150400000031	14	Washer 4-A2 GB/T 97.1
4	215030000002	14	Nut M4-8-A2-70 GB/T 6170
5	203990000001	1	Guiderail
6	102004060007	1	Control panel membrane
7	203210000002	1	Hour meter
8	215020000105	6	Screw M4×12-A2-70 GB/T 818
9	102001030199	1	Electrical door
10	203060000001	1	Key switch
11	215020000106	8	Screw M4×16-A2-70 GB/T 818
12	203050000005	1	Buzzer
13	203060000142	1	Emergency stop switch
14	215020000117	4	Screw M6×20-A2-70 GB/T 818

7.1.3 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1323RD&1323RE&1323RH



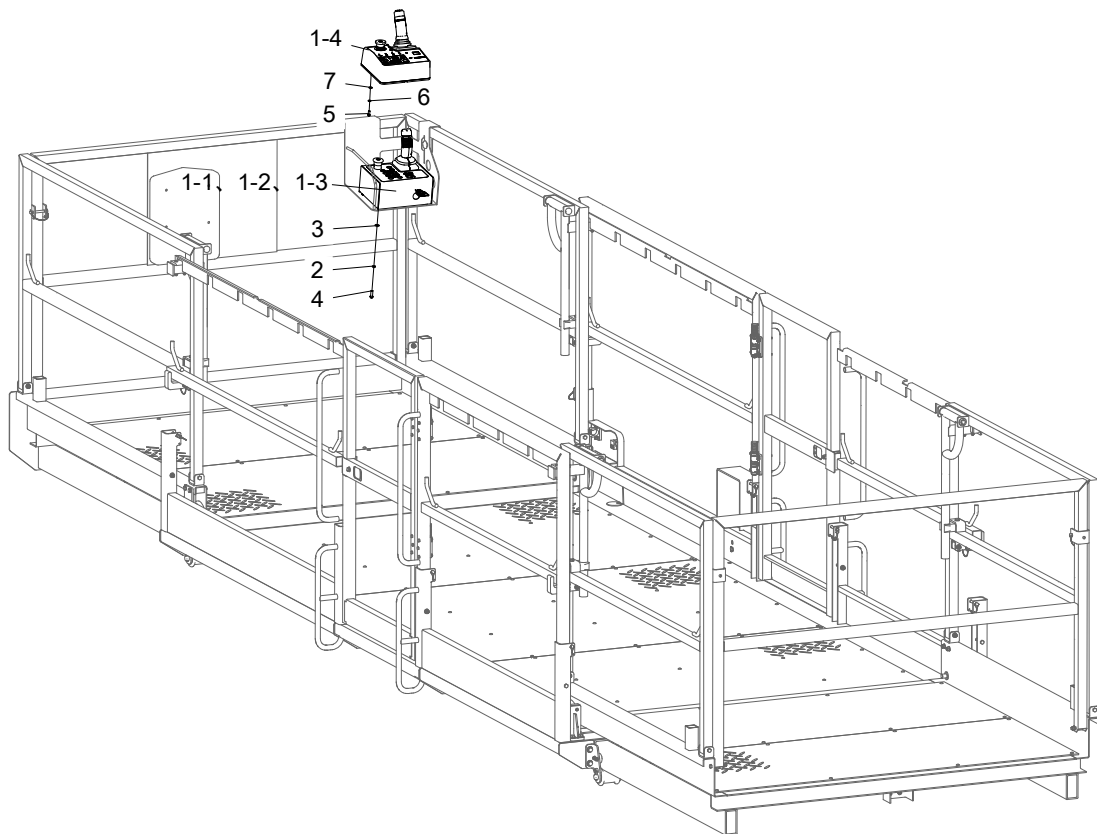
No.	Part No.	Qty.	Description
1	116005063050		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	203060000112	3	Travel switch
3	102001010107	1	Mounting plate, bending
4	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
5	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
6	215030000026	2	Nut M8-8-ZnD GB/T889.1
7	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
8	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	215030000003	4	Nut M5-A2-70 GB/T 6170
11	215040000003	4	Washer 5-A2-70 GB/T 93
12	215040000032	4	Washer 5-A2 GB/T 97.1

7.1.4 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1623RD&1623RE&1623RH



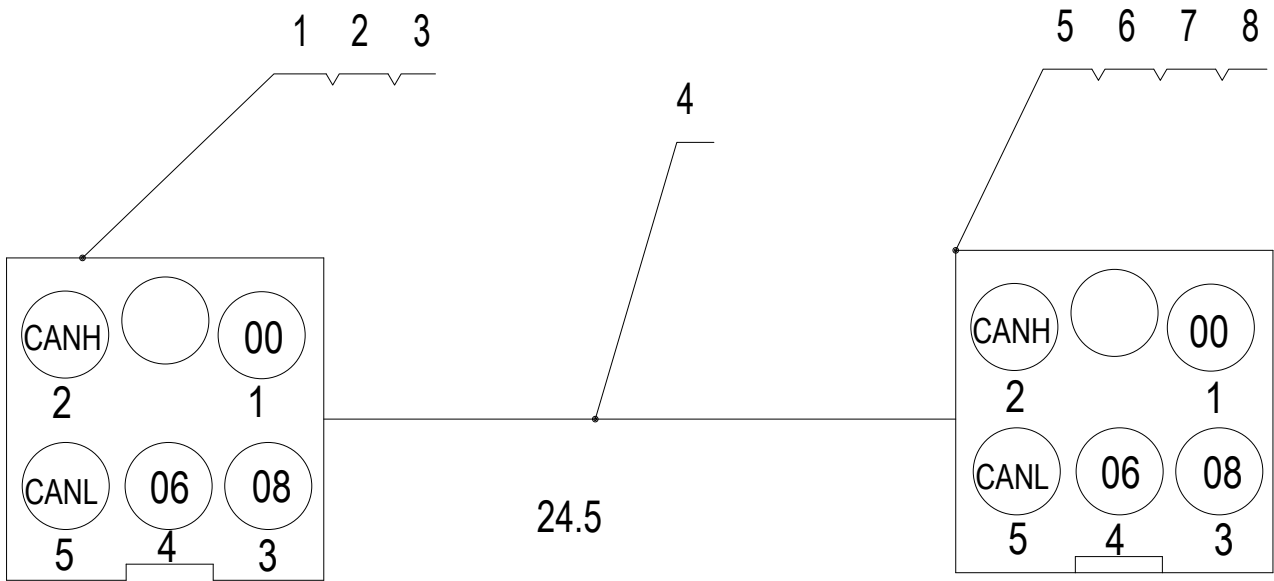
No.	Part No.	Qty.	Description
1	116006063141		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	215040000005	2	Washer 8-ZnD GB/T 93
3	215030000003	4	Nut M5-A2-70 GB/T 6170
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
6	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
7	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
8	203060000112	3	Travel switch
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	102001010107	1	Mounting plate, bending
11	215030000005	2	Nut M8-8-ZnD GB/T 6170
12	215040000003	4	Washer 5-A2-70 GB/T 93
13	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1

7.1.5 PLATFORM ELECTRICAL COMPONENTS INSTALLATION



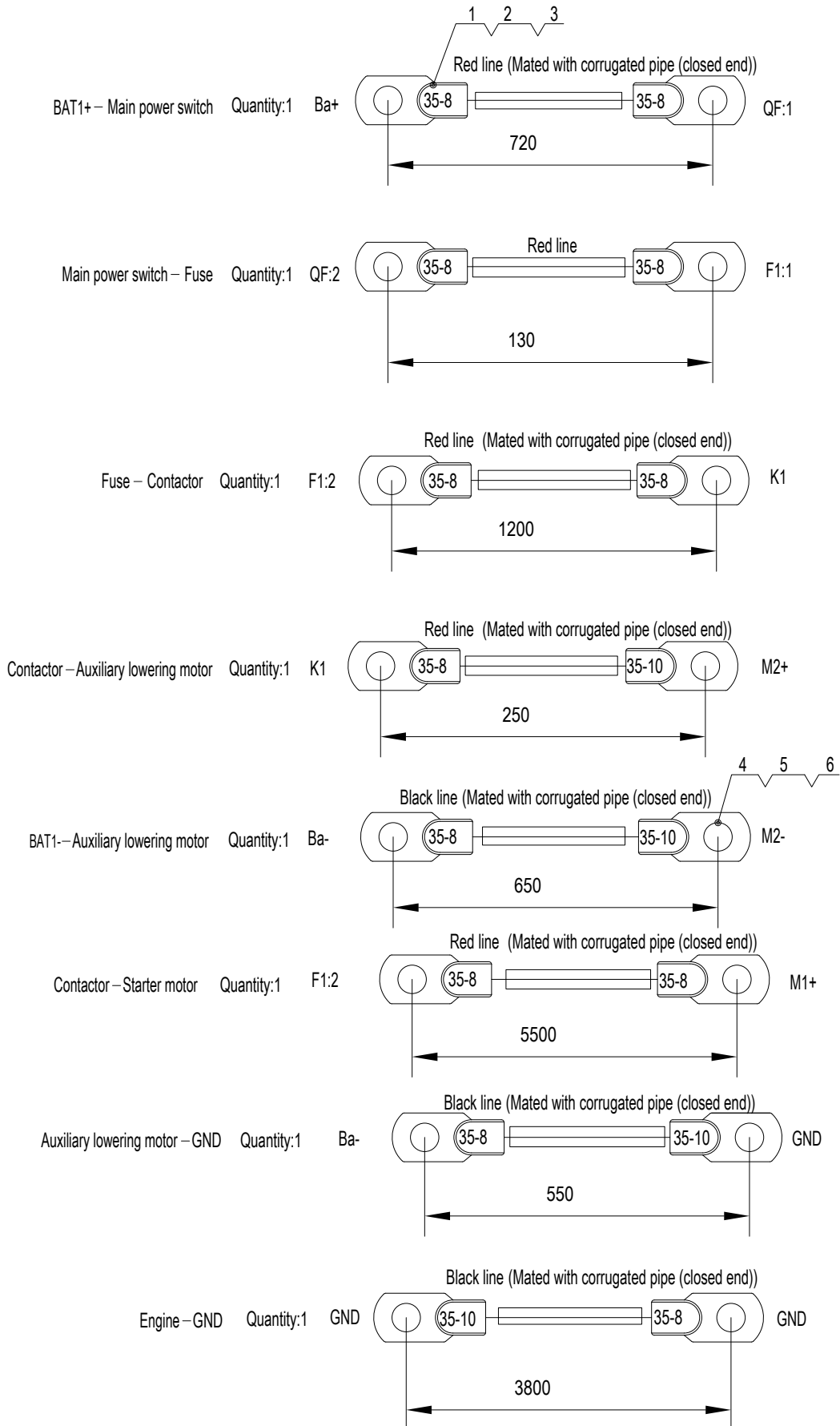
No.	Part No.	Qty.	Description
1	102010063009		Options, Platform controller
1-1	203020000034	1	Platform controller(DTC-K300)
1-2	203020003020	1	Platform controller(DTC-K500)
1-3	203020003134	1	Platform controller(K120)
1-4	203020003042	1	Platform control box(SINOBOOM)
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	215040000032	4	Washer 5-A2 GB/T 97.1
4	215020000111	4	Screw M5×16-A2-70 GB/T 818
5	215020000116	4	Screw M6×16-A2-70 GB/T 818
6	215040000004	4	Washer 6-A2-70 GB/T 93
7	215040000033	4	Washer 6-A2 GB/T 97.1

7.1.6 UPPER AND LOWER PLATFORM HARNESS(PN.102001060001)



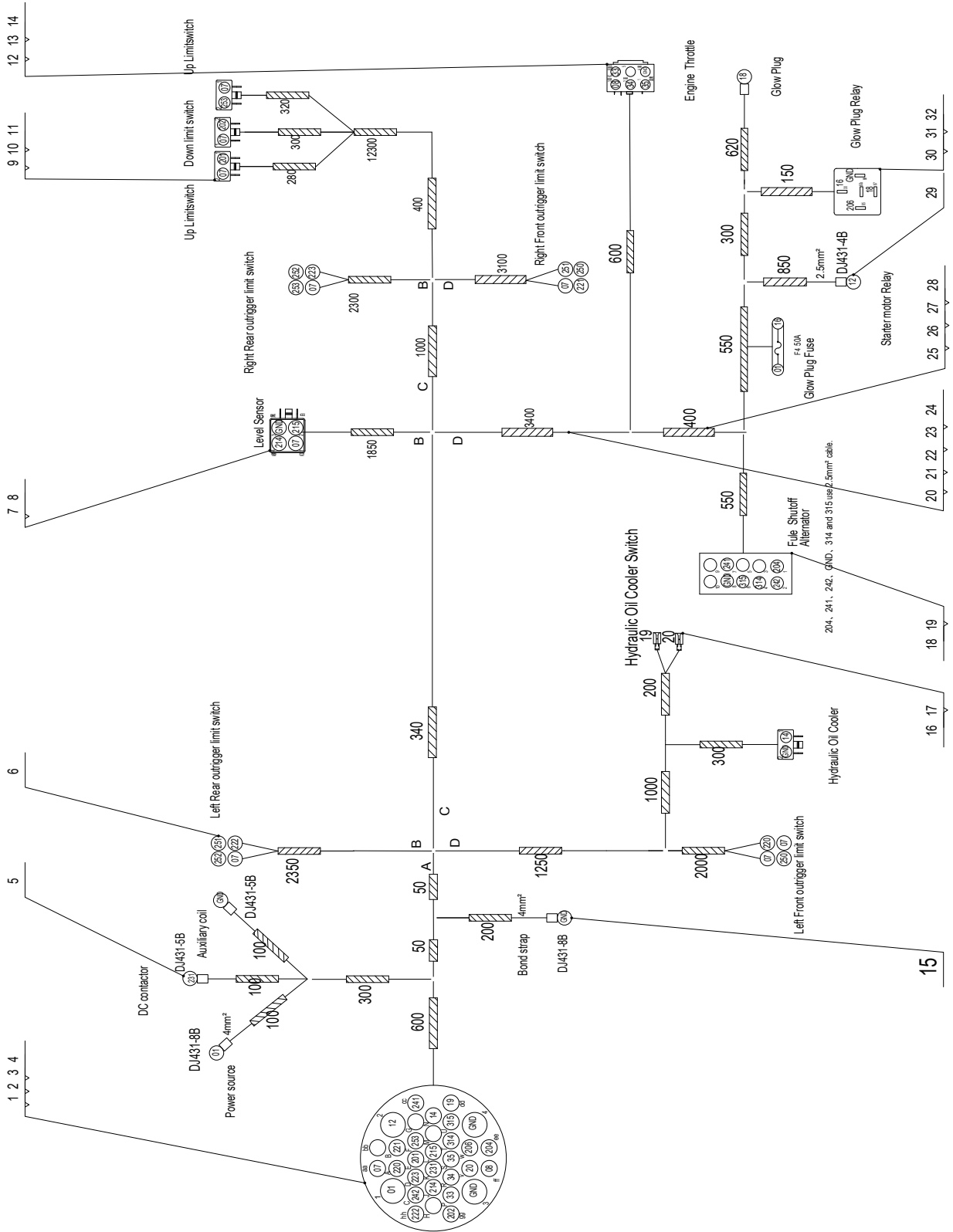
No.	Part No.	Qty.	Description
1	203080000349	1	Connector
2	203080000351	5	Pin
3	203080000353	1	Cover
4	203080003050	25	Cable, 5-core
5	203080000348	1	Connector
6	203080000355	5	Socket
7	203080000354	1	Cover
8	203080000350	2	Connector

7.1.7 POWER CABLE KIT(PN.102001060002)



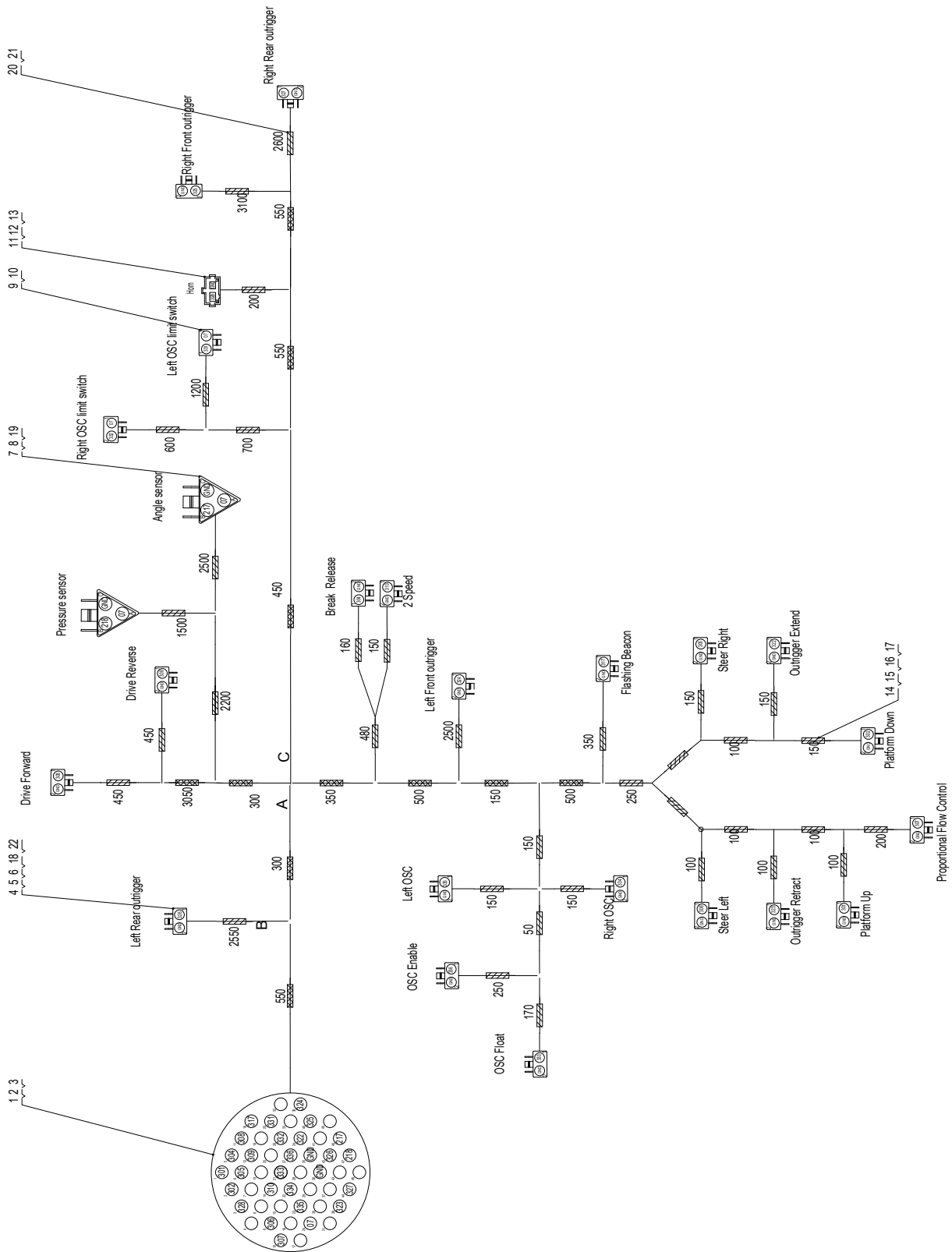
No.	Part No.	Qty.	Description
1	203080000677	12	Cable lug, copper
2	203080000257	8	Cable (red)
3	203080000035	1	Heat shrink tube
4	203080000009	6	Cable (black)
5	203080000680	4	Cable lug, copper
6	203080000006	13	Corrugated pipe

7.1.8 CHASSIS HARNESS 1(DTC)



No.	Part No.	Qty.	Description
1	203080000150	1	Plug(male), flange connector
2	203080000137	4	Pin, female, 30A
3	203080000184	1	End attachments, ITT
4	203080000146	24	Pin, female
5	203080000134	2	Terminal, blade-hole type
6	203080000514	16	Terminal
7	203080000044	1	Sheath
8	203080000020	1	Lock
9	203080000024	4	Sheath
10	203080000016	4	Lock
11	203080000041	12	Terminal, female
12	203080000210	1	Sheath
13	203080000215	1	Lock
14	203080000213	5	Terminal
15	203080000018	2	Terminal, blade-hole type
16	203080000197	2	Terminal
17	203080000129	2	Jacket, flexible
18	203080003004	1	Plug
19	203080000428	6	Pin, female
20	203080000375	35	Cable
21	203080000393	1	Cable
22	203080000370	3	Cable
23	203080000369	15	Cable
24	203080000582	13	Cable
25	203080000135	1	Corrugated pipe (Black)
26	203080000037	1	Corrugated pipe
27	203080000006	4	Corrugated pipe
28	203080000031	15	Corrugated pipe
29	203080000039	2	Terminal, blade-hole type
30	203040000015	1	Relay
31	203080000217	4	Terminal
32	203040000038	1	Relay mount

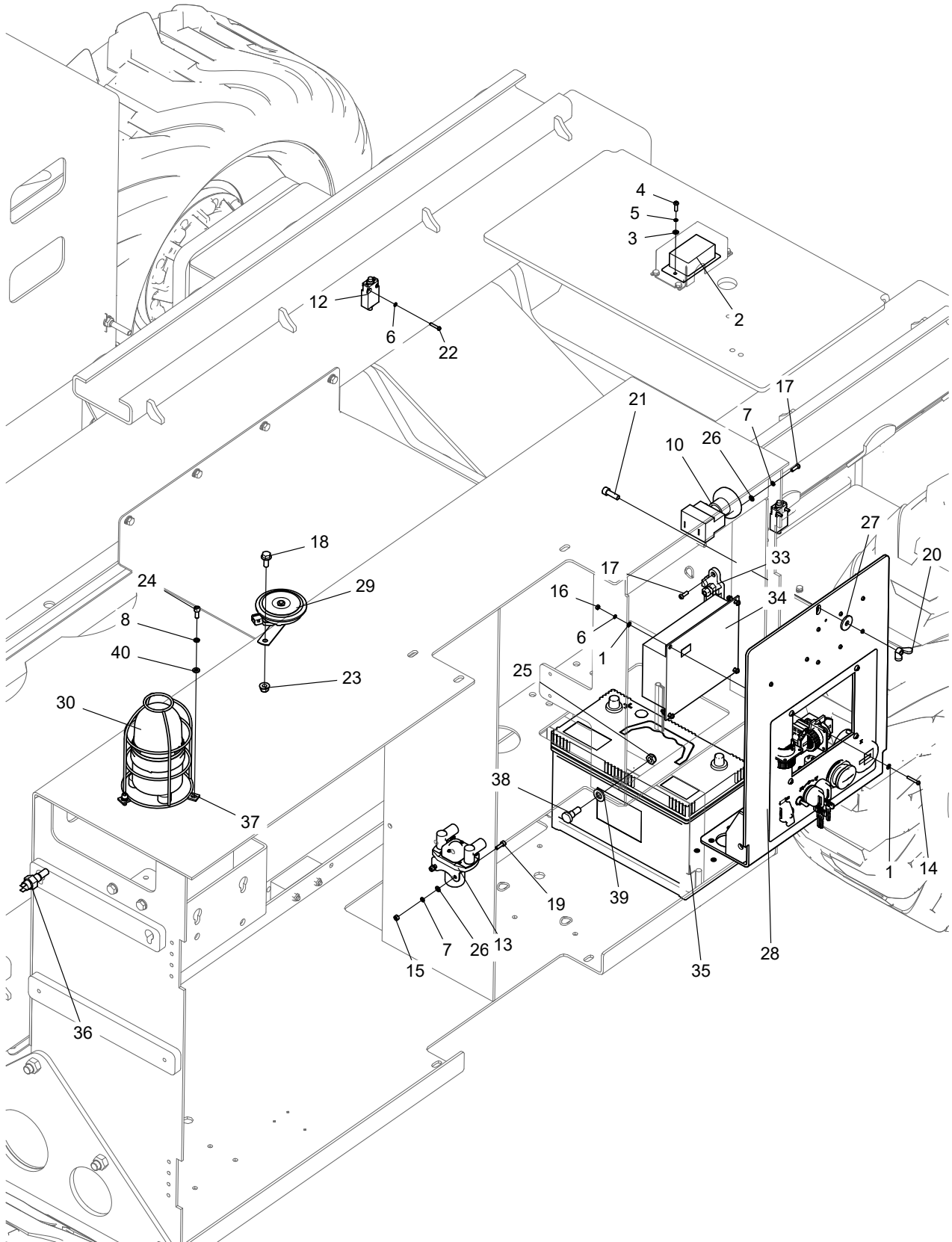
7.1.9 CHASSIS HARNESS 2(DTC)



No.	Part No.	Qty.	Description
1	203080000145	1	Plug(male), 48-pin connector
2	203080000146	28	Pin, female
3	203080000184	1	End attachments, ITT
4	203080000041	50	Terminal, female
5	203080000024	22	Sheath
6	203080000016	22	Lock
7	203080000032	2	Lock
8	203080000012	2	Sheath
9	203080000375	40	Cable
10	203080000370	25	Cable
11	203080000427	1	Sheath
12	203080000428	2	Pin, female
13	203080000429	1	Cap, waterproof
14	203080000135	1	Corrugated pipe (Black)
15	203080000037	1	Corrugated pipe
16	203080000006	10	Corrugated pipe
17	203080000031	10	Corrugated pipe
18	203080000437	22	End attachments, 2-pin, female
19	203080000508	2	End clip
20	203080000424	19	Nylon hose, closed-end
21	203080000422	4	Nylon hose, closed-end
22	203080000448	22	Rubber, 2-pin

7.2 ELECTRICAL SYSTEM(YANMAR/EURO 5,TIRE 4)

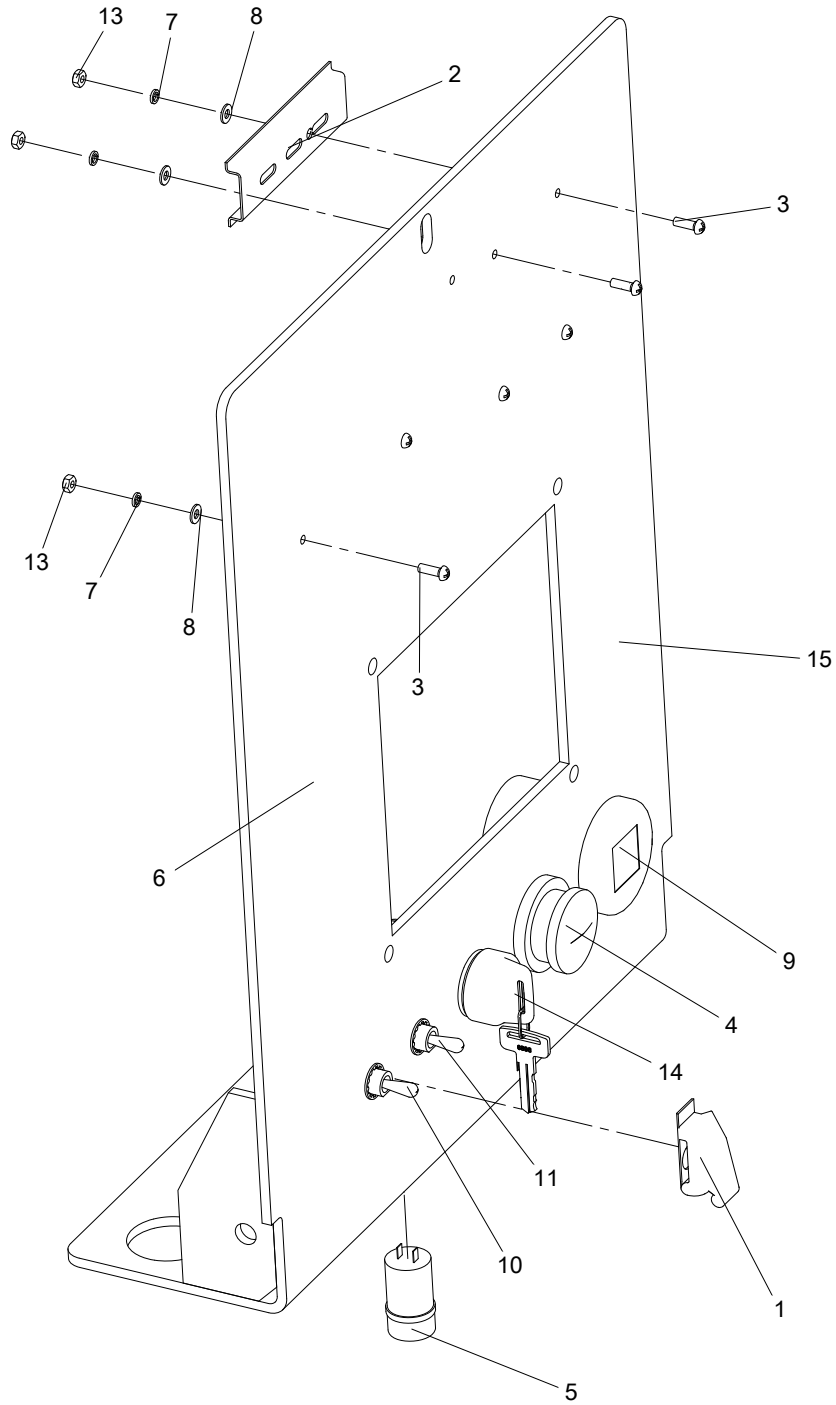
7.2.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	215040000031	8	Washer 4-A2 GB/T 97.1
2	203150000045	1	Level sensor, dual-axis
3	215040000032	2	Washer 5-A2 GB/T 97.1
4	215020000111	2	Screw M5×16-A2-70 GB/T 818
5	215040000002	2	Washer 4-A2-70 GB/T 93
6	215040000002	8	Washer 4-A2-70 GB/T 93
7	215040000003	6	Washer 5-A2-70 GB/T 93
8	215040000004	3	Washer 6-A2-70 GB/T 93
9	203100000053	1	Jacket, flexible
10	203060000124	1	Power-off switch
11	203100000051	1	Jacket, flexible
12	203060000031	2	Travel switch
13	203040000002	1	Solenoid contactor, DC
14	215020000108	4	Screw M4×25-A2-70 GB/T 818
15	215030000003	2	Nut M5-A2-70 GB/T 6170
16	215030000002	4	Nut M4-8-A2-70 GB/T 6170
17	215020000111	4	Screw M5×16-A2-70 GB/T 818
18	215010000264	1	Bolt M8×20-10.9-DKL GB/T 5789
19	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
20	215030000086	1	Nut M8-8-ZnD GB/T62
21	215020000024	1	Screw M8×25-8.8-ZnD GB/T 70.1
22	215020000107	4	Screw M4×20-A2-70 GB/T 818
23	215030000108	1	Nut M8-8-ZnD GB/T 6183
24	215020000011	3	Screw M6×16-A2-70 GB/T 70.1
25	215030000027	2	Nut M10-8-ZnD GB/T 6184
26	215040000032	4	Washer 5-A2 GB/T 97.1
27	215040000103	1	Washer 8-100HV-ZnD GB/T 5287
28	102013063012	1	Control panel installation options(See Details)
29	203050000034	1	Horn
30	203050000060	1	Beacon light
31	203080000250	1	Battery terminal
32	203080000004	6	Connector, PVC
33	203070000043	1	Fuse holder, with 275A fuse
34	102010063010		Options, Main controller
34-1	203020000033	1	Main controller(DTC-K100)
34-2	203020003019	1	Main controller(DTC-K110)
34-3	203020003041	1	Electronic control unit(SINOBOOM)
34-4	203020003135	1	Main Controller(DTC-K120)

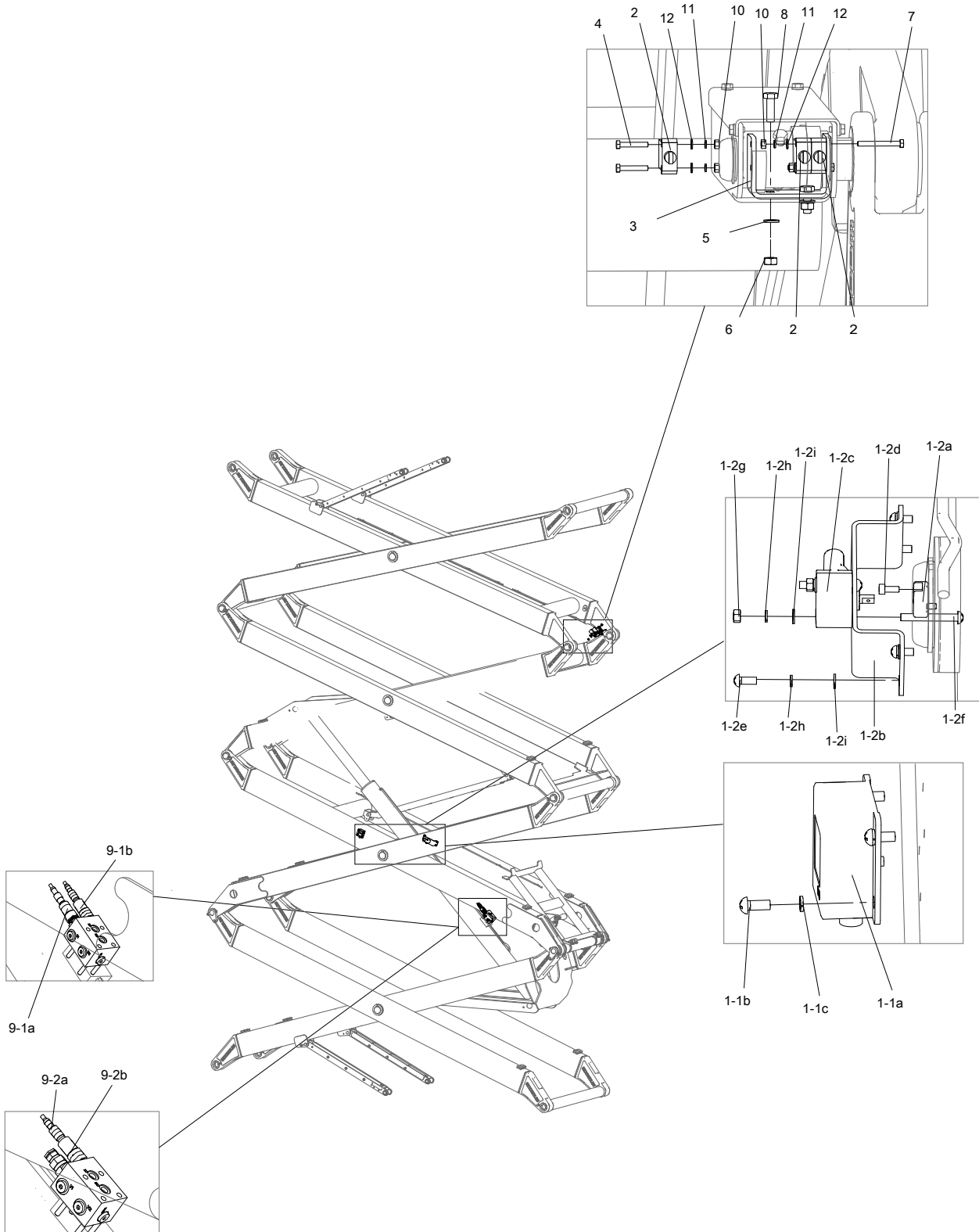
No.	Part No.	Qty.	Description
35	203100000061	1	Battery, maintenance-free
36	203150000038	1	Temp sensor
37	105021060024	1	Guard, beacon light
38	102004030005	2	Cotter pin
39	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
40	215040000033	3	Washer 6-A2 GB/T 97.1

7.2.2 CONTROL PANEL INSTALLATION(PN.102013063006)



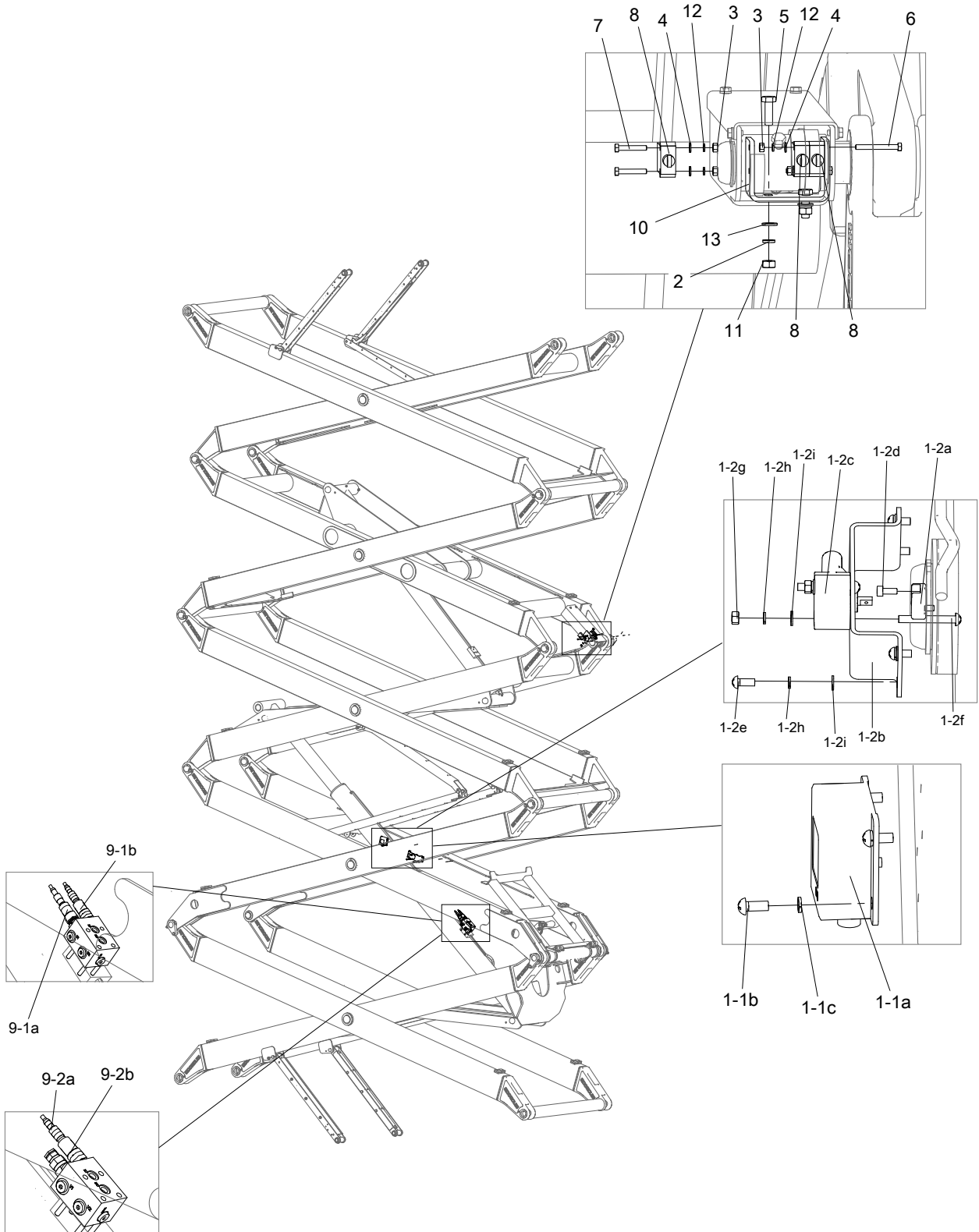
No.	Part No.	Qty.	Description
1	203060000150	1	Guard, toggle switch
2	203990000001	1	Guiderail
3	215020000105	6	Screw M4×12-A2-70 GB/T 818
4	203060000142	1	Emergency stop switch
5	203050000005	1	Buzzer
6	102013063005	1	Membrane, ground control panel
7	215040000002	6	Washer 4-A2-70 GB/T 93
8	215040000031	6	Washer 4-A2 GB/T 97.1
9	203200003008	1	Color display, 1.3in.
10	203060000035	1	Switch, toggle
11	203060000021	1	Switch, toggle
12	102013063002	1	Wiring assembly, ground controls (Euro 5)(Not shown)
13	215030000002	6	Nut M4-8-A2-70 GB/T 6170
14	203060000001	1	Key switch
15	102001033011	1	Electrical door

7.2.3 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1323RD&1323RE&1323RH



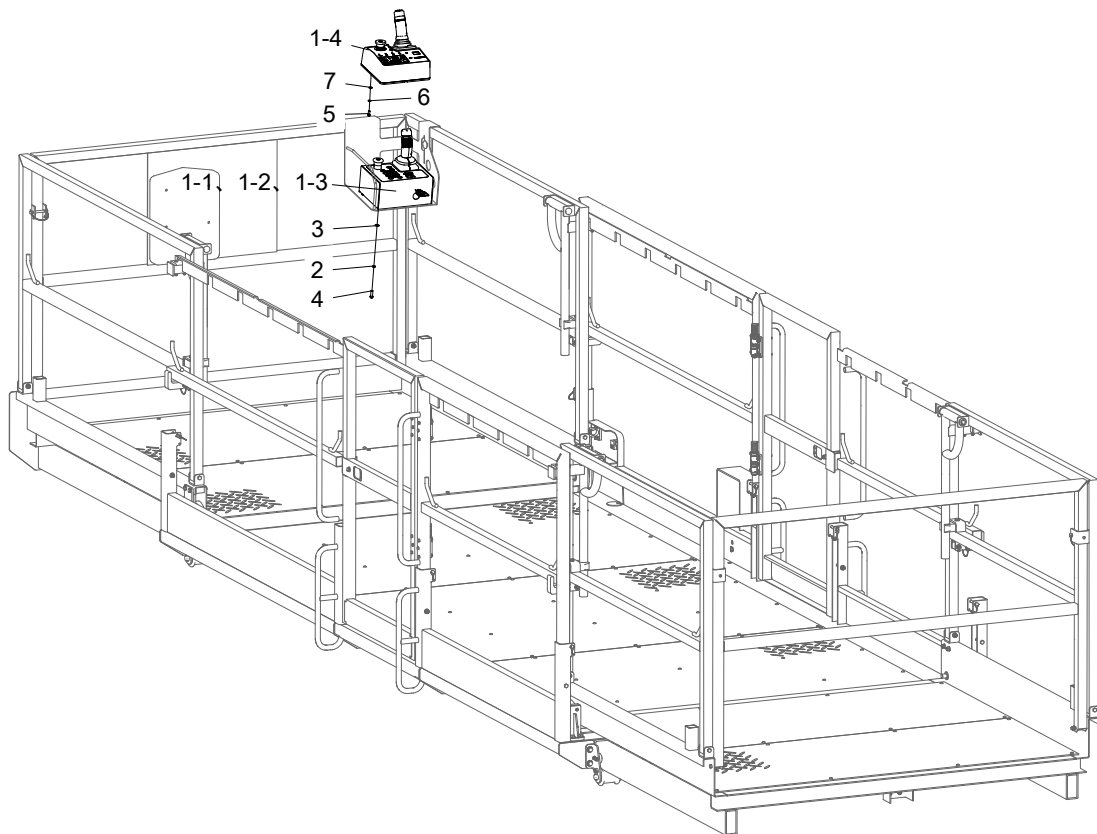
No.	Part No.	Qty.	Description
1	116005063050		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	203060000112	3	Travel switch
3	102001010107	1	Mounting plate, bending
4	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
5	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
6	215030000026	2	Nut M8-8-ZnD GB/T889.1
7	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
8	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	215030000003	4	Nut M5-A2-70 GB/T 6170
11	215040000003	4	Washer 5-A2-70 GB/T 93
12	215040000032	4	Washer 5-A2 GB/T 97.1

7.2.4 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1623RD&1623RE&1623RH



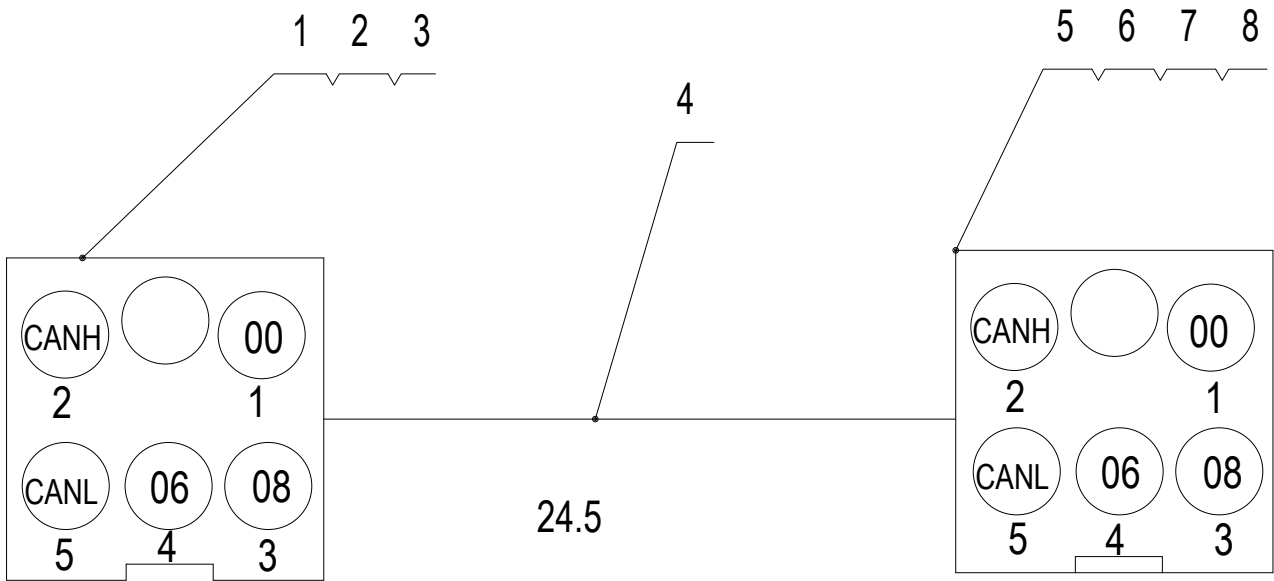
No.	Part No.	Qty.	Description
1	116006063141		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	215040000005	2	Washer 8-ZnD GB/T 93
3	215030000003	4	Nut M5-A2-70 GB/T 6170
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
6	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
7	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
8	203060000112	3	Travel switch
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	102001010107	1	Mounting plate, bending
11	215030000005	2	Nut M8-8-ZnD GB/T 6170
12	215040000003	4	Washer 5-A2-70 GB/T 93
13	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1

7.2.5 PLATFORM ELECTRICAL COMPONENTS INSTALLATION



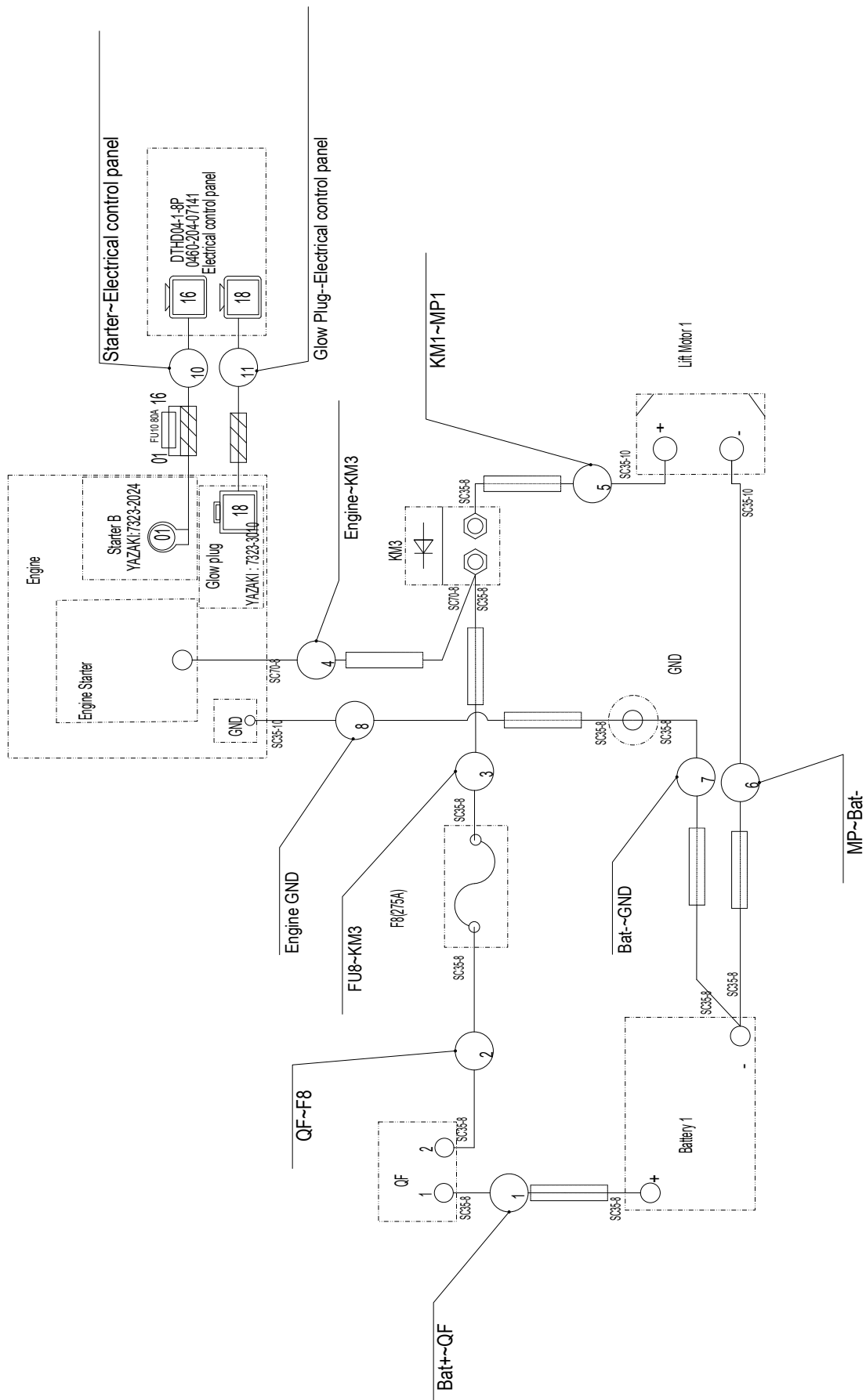
No.	Part No.	Qty.	Description
1	102010063009		Options, Platform controller
1-1	203020000034	1	Platform controller(DTC-K300)
1-2	203020003020	1	Platform controller(DTC-K500)
1-3	203020003134	1	Platform controller(K120)
1-4	203020003042	1	Platform control box(SINOBOOM)
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	215040000032	4	Washer 5-A2 GB/T 97.1
4	215020000111	4	Screw M5×16-A2-70 GB/T 818
5	215020000116	4	Screw M6×16-A2-70 GB/T 818
6	215040000004	4	Washer 6-A2-70 GB/T 93
7	215040000033	4	Washer 6-A2 GB/T 97.1

7.2.6 UPPER AND LOWER PLATFORM HARNESS(PN.102001060001)



No.	Part No.	Qty.	Description
1	203080000349	1	Connector
2	203080000351	5	Pin
3	203080000353	1	Cover
4	203080003050	25	Cable, 5-core
5	203080000348	1	Connector
6	203080000355	5	Socket
7	203080000354	1	Cover
8	203080000350	2	Connector

7.2.7 ELECTRICAL POWER WIRING LAYOUT



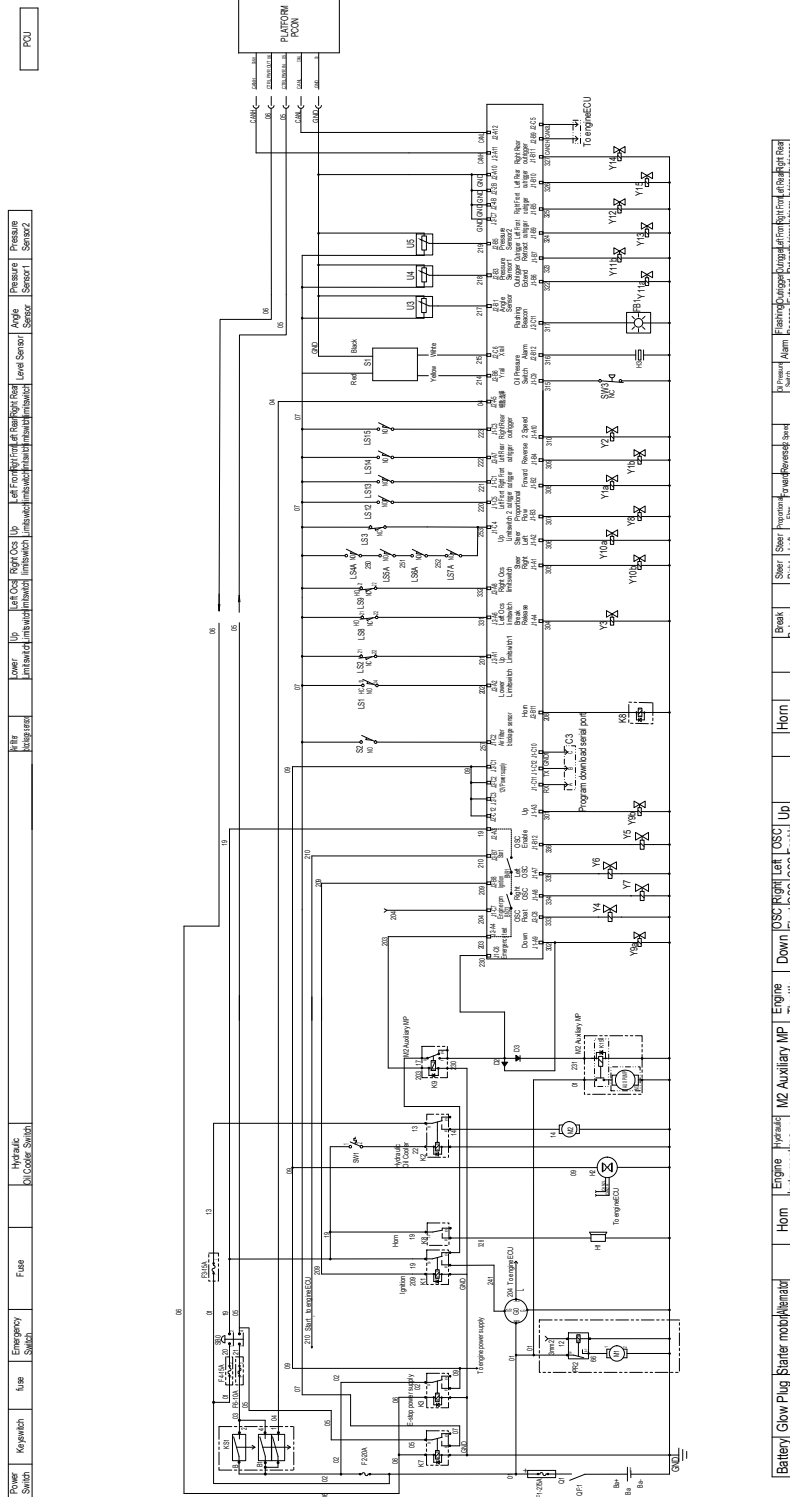
No.	Part No.	Qty.	Description
1	203230000606	1	Power harness
2	203230000607	1	Power harness
3	203230000608	1	Power harness
4	203230000609	1	Power harness
5	203230000610	1	Power harness
6	203230000611	1	Power harness
7	203230000827	1	Power harness
8	203230000613	1	Power harness
9	203080003048	18	Corrugated pipe
10	203230000829	1	Power harness
11	203230000828	1	Power harness

No.	Part No.	Qty.	Description
1	203080000150	1	Plug(male), flange connector
2	203080000137	4	Pin, female, 30A
3	203080000146	77	Pin, female
4	203080000184	2	End attachments, ITT
5	203080000145	1	Plug(male), 48-pin connector
6	203080000410	26	Sheath
7	203080000016	26	Lock
8	203080000041	79	Terminal, female
9	203080000437	26	End attachments, 2-pin, female
10	203080000448	26	Rubber, 2-pin
11	203080000032	1	Lock
12	203080000508	1	End clip
13	203080000404	1	Sheath
14	203080000018	2	Terminal, blade-hole type
15	203080000134	2	Terminal, blade-hole type
16	203080000044	6	Sheath
17	203080000020	6	Lock
18	203080000445	6	End attachments, 4-pin, female
19	203080000262	3	AMP Terminal
20	203080000315	1	Sheath
21	203080000314	1	Lock
22	203080000129	2	Jacket, flexible
23	203080000197	2	Terminal
24	203080000427	1	Sheath
25	203080000428	2	Pin, female
26	203080000429	1	Cap, waterproof
27	203080000030	1	Heat shrink tube
28	203080003213	1	Plug, 4+18P
29	203080003214	3	Pin, female, 30A
30	203080000582	3	Cable
31	203080003212	1	End clip
32	203080000446	6	Rubber, 4-pin
33	203080000369	5	Cable
34	203080000372	8	Cable
35	203080000248	76	Cable
36	203080000307	16	Cable
37	203080000308	32	Cable

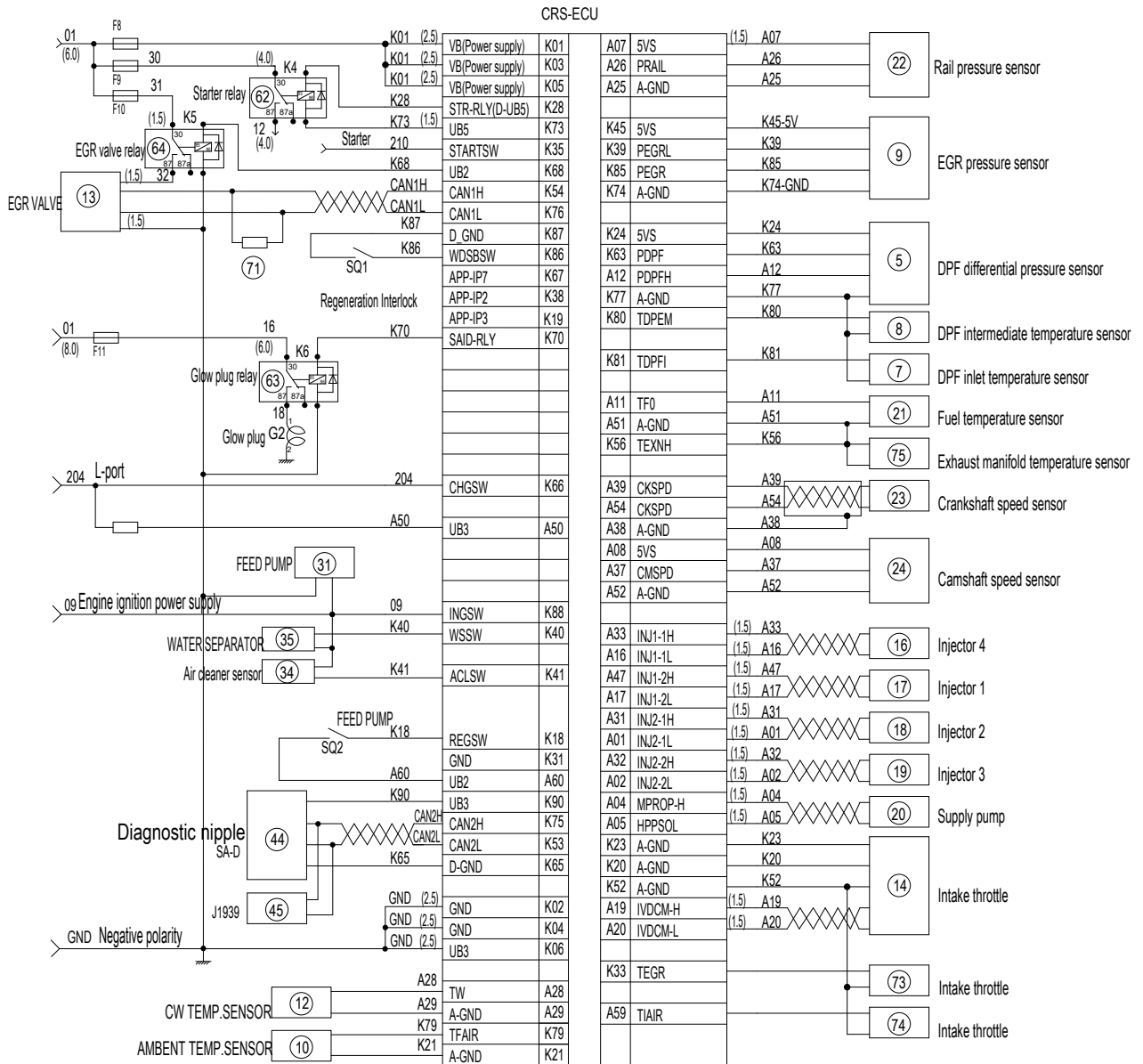
No.	Part No.	Qty.	Description
38	203080000196	4	Cable
39	203080000047	3	Cable
40	203080000422	4	Nylon hose, closed-end
41	203080000424	17	Nylon hose, closed-end
42	203080000417	1	Nylon hose, closed-end
43	203080000135	1	Corrugated pipe (Black)
44	203080000037	2	Corrugated pipe
45	203080000466	1	End clip
46	203080000086	1	Sheath
47	203080000405	1	Sheath
48	203080000046	1	Lock
49	203080000033	3	Terminal, male
50	203080003092	3	Cable
51	203080000492	1	Cover, waterproof
52	203080003216	1	Sheath
53	203080003218	5	Terminal AMP

7.2.9 ELECTRICAL SCHEMATIC

Electrical schematic (Euro 5)

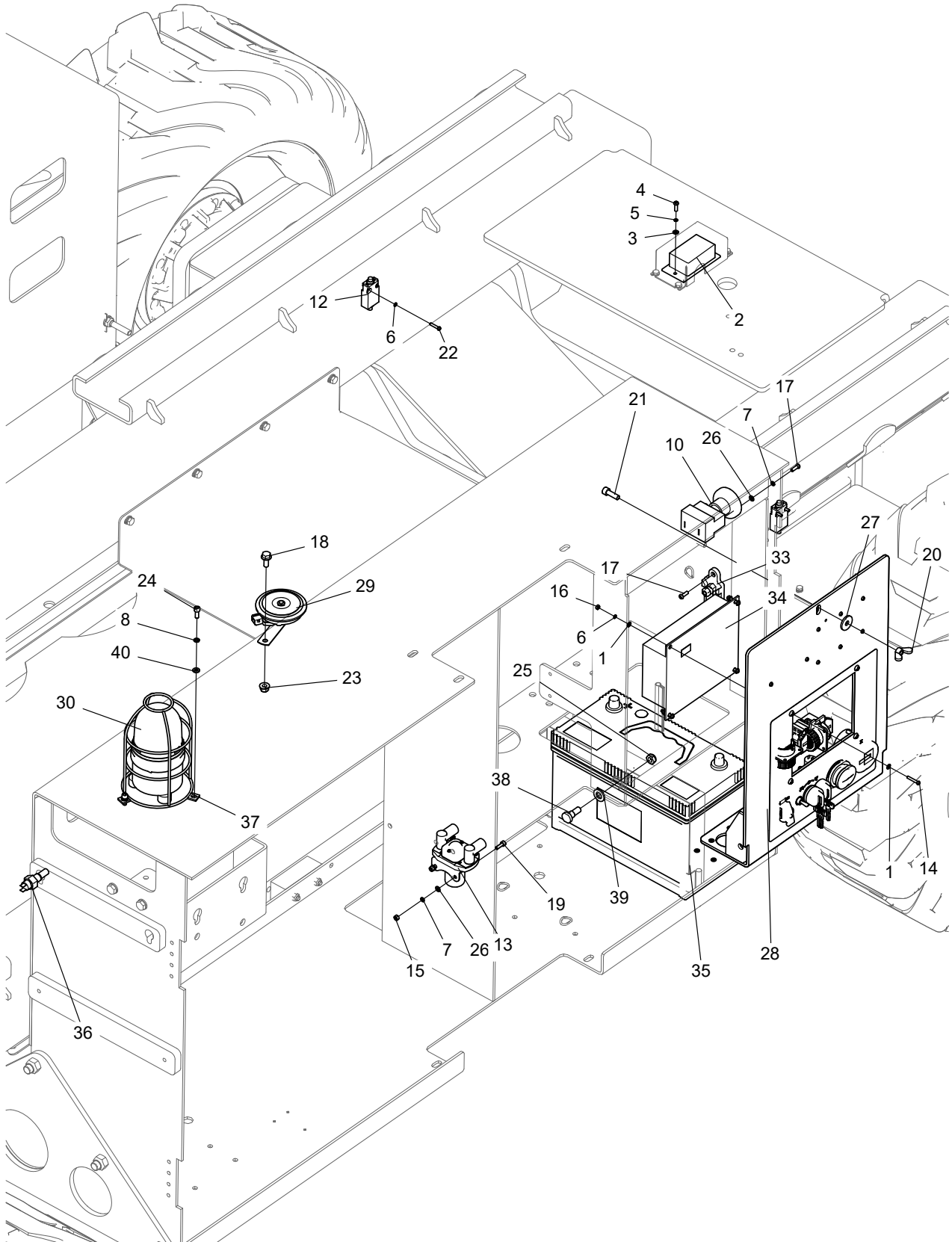


Electrical schematic of engine (Euro 5)



7.3 ELECTRICAL SYSTEM(YANMAR/CHINA 3)

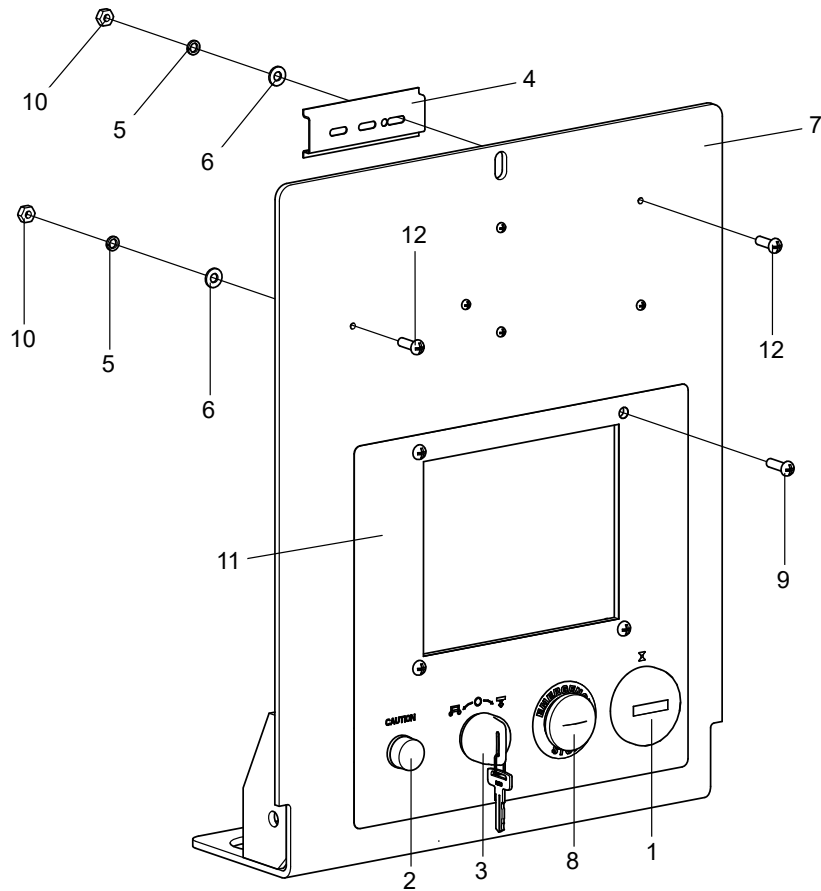
7.3.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	215040000031	8	Washer 4-A2 GB/T 97.1
2	203150000045	1	Level sensor, dual-axis
3	215040000032	2	Washer 5-A2 GB/T 97.1
4	215020000111	2	Screw M5×16-A2-70 GB/T 818
5	215040000002	2	Washer 4-A2-70 GB/T 93
6	215040000002	8	Washer 4-A2-70 GB/T 93
7	215040000003	6	Washer 5-A2-70 GB/T 93
8	215040000004	3	Washer 6-A2-70 GB/T 93
9	203100000053	1	Jacket, flexible
10	203060000124	1	Power-off switch
11	203100000051	1	Jacket, flexible
12	203060000031	2	Travel switch
13	203040000002	1	Solenoid contactor, DC
14	215020000108	4	Screw M4×25-A2-70 GB/T 818
15	215030000003	2	Nut M5-A2-70 GB/T 6170
16	215030000002	4	Nut M4-8-A2-70 GB/T 6170
17	215020000111	4	Screw M5×16-A2-70 GB/T 818
18	215010000264	1	Bolt M8×20-10.9-DKL GB/T 5789
19	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
20	215030000086	1	Nut M8-8-ZnD GB/T62
21	215020000024	1	Screw M8×25-8.8-ZnD GB/T 70.1
22	215020000107	4	Screw M4×20-A2-70 GB/T 818
23	215030000108	1	Nut M8-8-ZnD GB/T 6183
24	215020000011	3	Screw M6×16-A2-70 GB/T 70.1
25	215030000027	2	Nut M10-8-ZnD GB/T 6184
26	215040000032	4	Washer 5-A2 GB/T 97.1
27	215040000103	1	Washer 8-100HV-ZnD GB/T 5287
28	102013063012	1	Control panel installation options(See Details)
29	203050000034	1	Horn
30	203050000060	1	Beacon light
31	203080000250	1	Battery terminal
32	203080000004	6	Connector, PVC
33	203070000043	1	Fuse holder, with 275A fuse
34	102010063010		Options, Main controller
34-1	203020000033	1	Main controller(DTC-K100)
34-2	203020003019	1	Main controller(DTC-K110)
34-3	203020003041	1	Electronic control unit(SINOBOOM)
34-4	203020003135	1	Main Controller(DTC-K120)

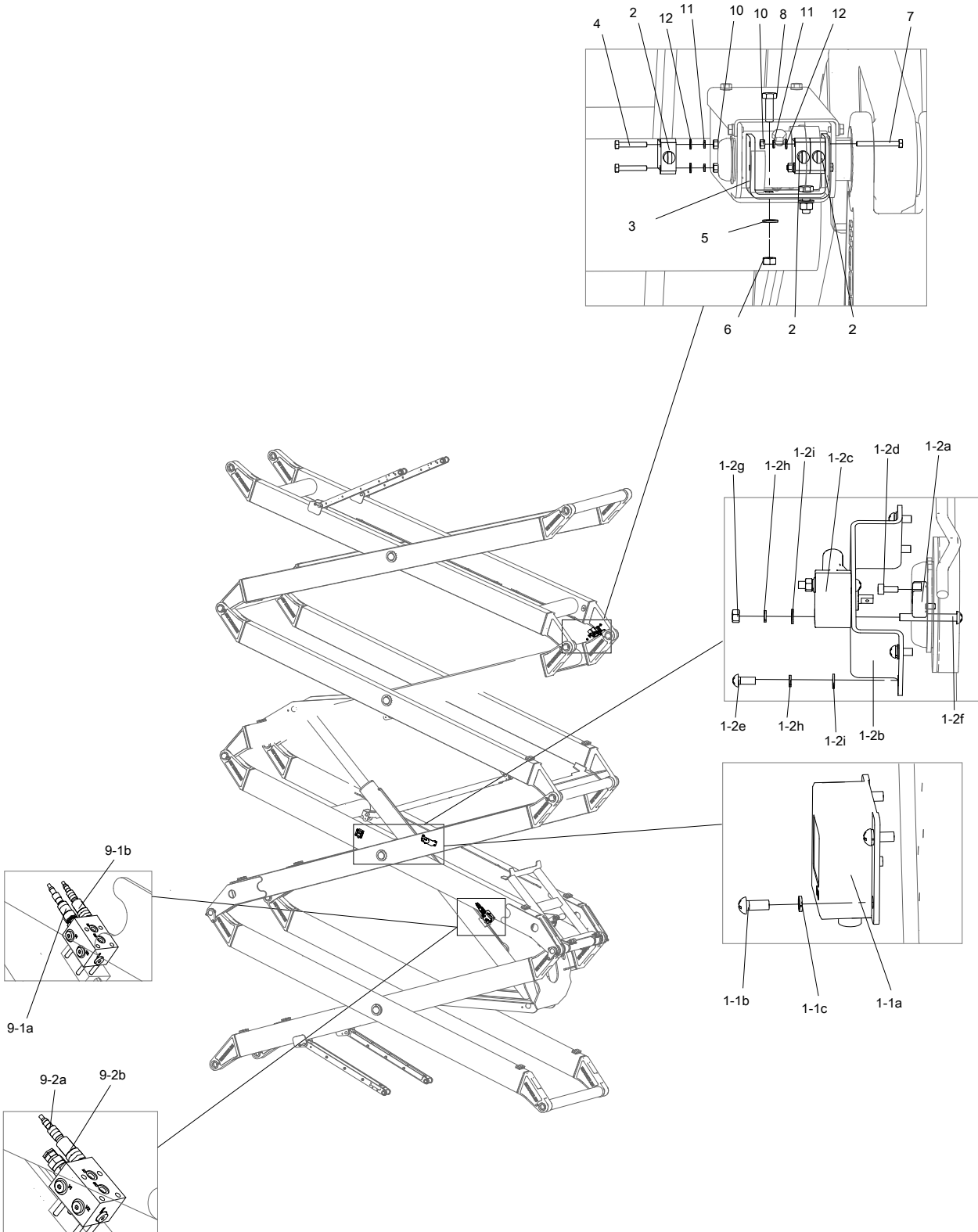
No.	Part No.	Qty.	Description
35	203100000061	1	Battery, maintenance-free
36	203150000038	1	Temp sensor
37	105021060024	1	Guard, beacon light
38	102004030005	2	Cotter pin
39	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
40	215040000033	3	Washer 6-A2 GB/T 97.1

7.3.2 CONTROL PANEL INSTALLATION(PN.102013063035)



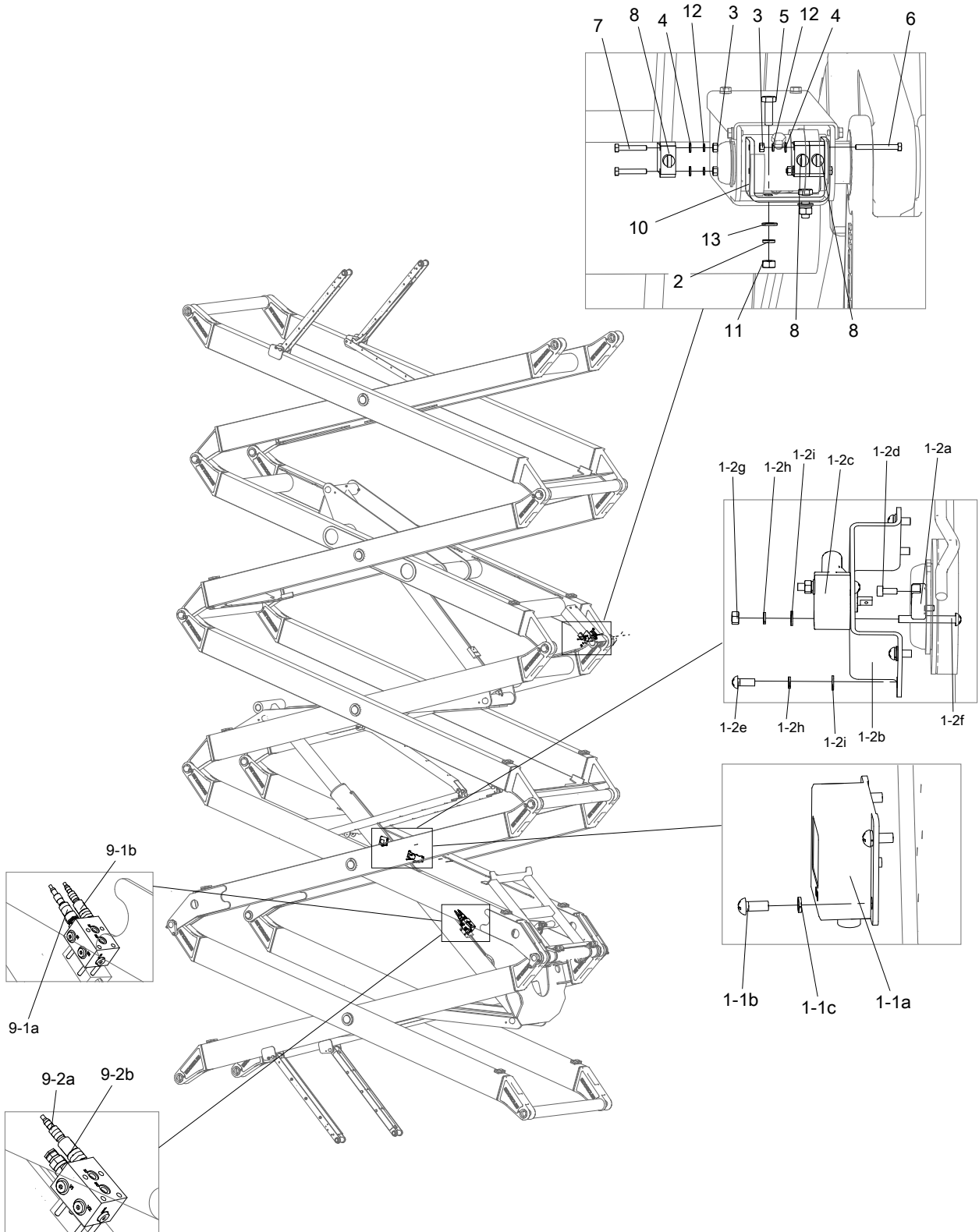
No.	Part No.	Qty.	Description
1	203210000002	1	Hour meter
2	203050000005	1	Buzzer
3	203060000001	1	Key switch
4	203990000001	1	Guiderail
5	215040000002	6	Washer 4-A2-70 GB/T 93
6	215040000031	6	Washer 4-A2 GB/T 97.1
7	102001030199	1	Electrical door
8	203060000142	1	Emergency stop switch
9	215020000117	4	Screw M6×20-A2-70 GB/T 818
10	215030000002	6	Nut M4-8-A2-70 GB/T 6170
11	102004060007	1	Control panel membrane
12	215020000105	6	Screw M4×12-A2-70 GB/T 818
13	102013063034	1	Wiring assembly, Control Panel(Not shown)

7.3.3 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1323RD&1323RE&1323RH



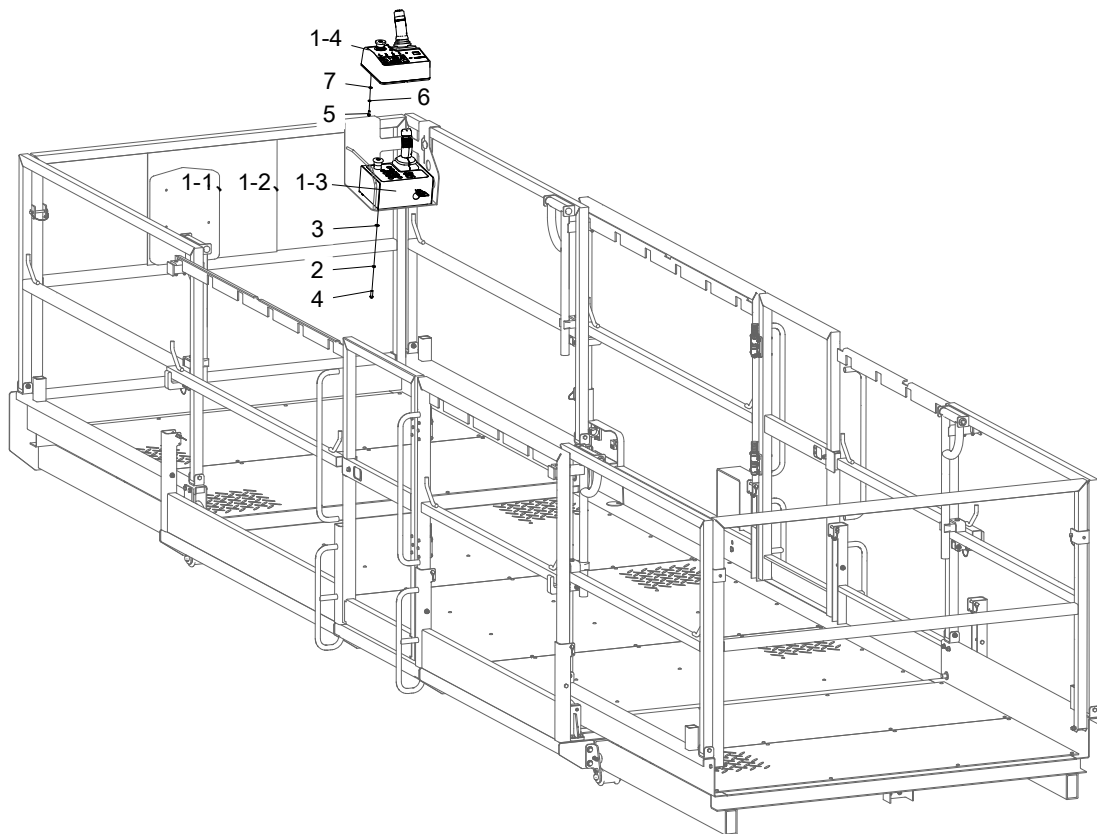
No.	Part No.	Qty.	Description
1	116005063050		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	203060000112	3	Travel switch
3	102001010107	1	Mounting plate, bending
4	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
5	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
6	215030000026	2	Nut M8-8-ZnD GB/T889.1
7	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
8	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	215030000003	4	Nut M5-A2-70 GB/T 6170
11	215040000003	4	Washer 5-A2-70 GB/T 93
12	215040000032	4	Washer 5-A2 GB/T 97.1

7.3.4 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1623RD&1623RE&1623RH



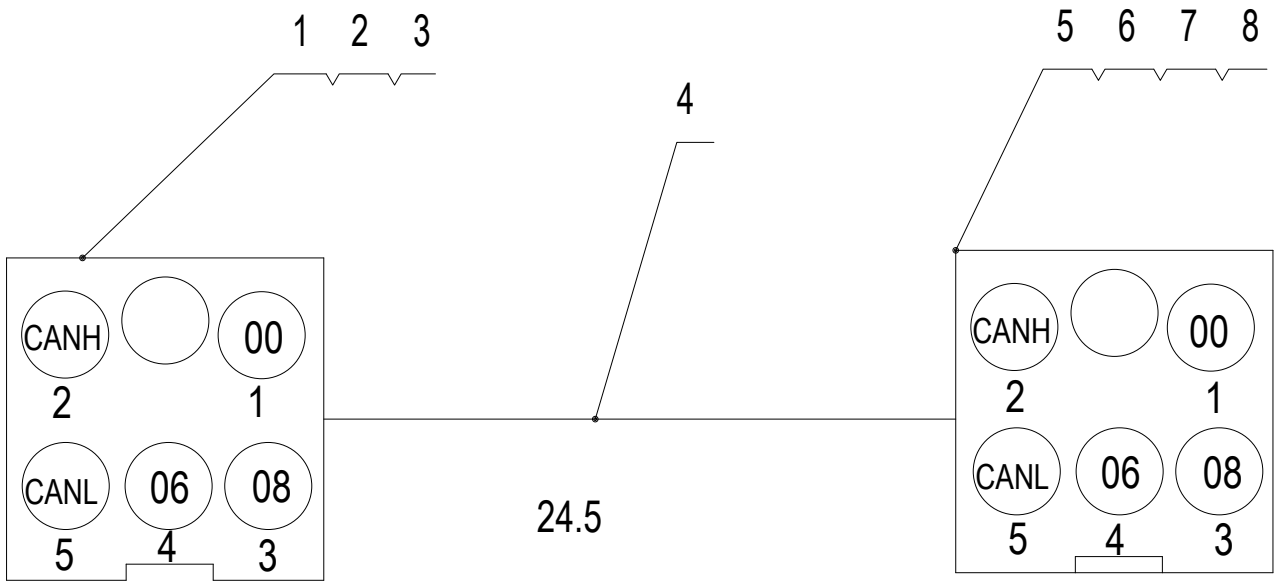
No.	Part No.	Qty.	Description
1	116006063141		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	215040000005	2	Washer 8-ZnD GB/T 93
3	215030000003	4	Nut M5-A2-70 GB/T 6170
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
6	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
7	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
8	203060000112	3	Travel switch
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	102001010107	1	Mounting plate, bending
11	215030000005	2	Nut M8-8-ZnD GB/T 6170
12	215040000003	4	Washer 5-A2-70 GB/T 93
13	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1

7.3.5 PLATFORM ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	102010063009		Options, Platform controller
1-1	203020000034	1	Platform controller(DTC-K300)
1-2	203020003020	1	Platform controller(DTC-K500)
1-3	203020003134	1	Platform controller(K120)
1-4	203020003042	1	Platform control box(SINOBOOM)
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	215040000032	4	Washer 5-A2 GB/T 97.1
4	215020000111	4	Screw M5×16-A2-70 GB/T 818
5	215020000116	4	Screw M6×16-A2-70 GB/T 818
6	215040000004	4	Washer 6-A2-70 GB/T 93
7	215040000033	4	Washer 6-A2 GB/T 97.1

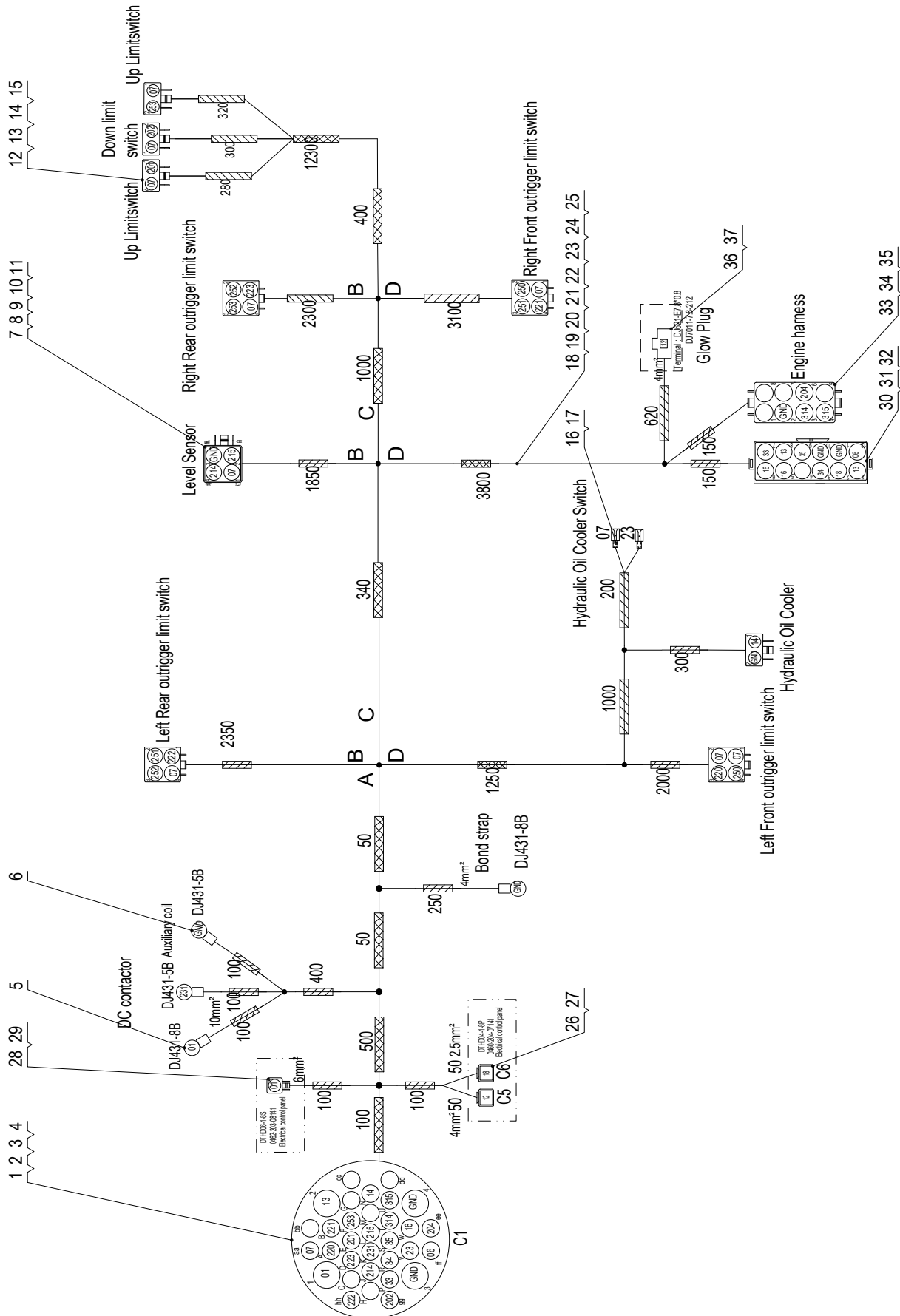
7.3.6 UPPER AND LOWER PLATFORM HARNESS(PN.102001060001)



No.	Part No.	Qty.	Description
1	203080000349	1	Connector
2	203080000351	5	Pin
3	203080000353	1	Cover
4	203080003050	25	Cable, 5-core
5	203080000348	1	Connector
6	203080000355	5	Socket
7	203080000354	1	Cover
8	203080000350	2	Connector

No.	Part No.	Qty.	Description
1	203080000145	1	Plug(male), 48-pin connector
2	203080000146	28	Pin, female
3	203080000184	1	End attachments, ITT
4	203080000041	50	Terminal, female
5	203080000024	22	Sheath
6	203080000016	22	Lock
7	203080000032	2	Lock
8	203080000012	2	Sheath
9	203080000375	40	Cable
10	203080000370	25	Cable
11	203080000427	1	Sheath
12	203080000428	2	Pin, female
13	203080000429	1	Cap, waterproof
14	203080000135	1	Corrugated pipe (Black)
15	203080000037	1	Corrugated pipe
16	203080000006	10	Corrugated pipe
17	203080000031	10	Corrugated pipe
18	203080000437	22	End attachments, 2-pin, female
19	203080000508	2	End clip
20	203080000424	19	Nylon hose, closed-end
21	203080000422	4	Nylon hose, closed-end
22	203080000448	22	Rubber, 2-pin

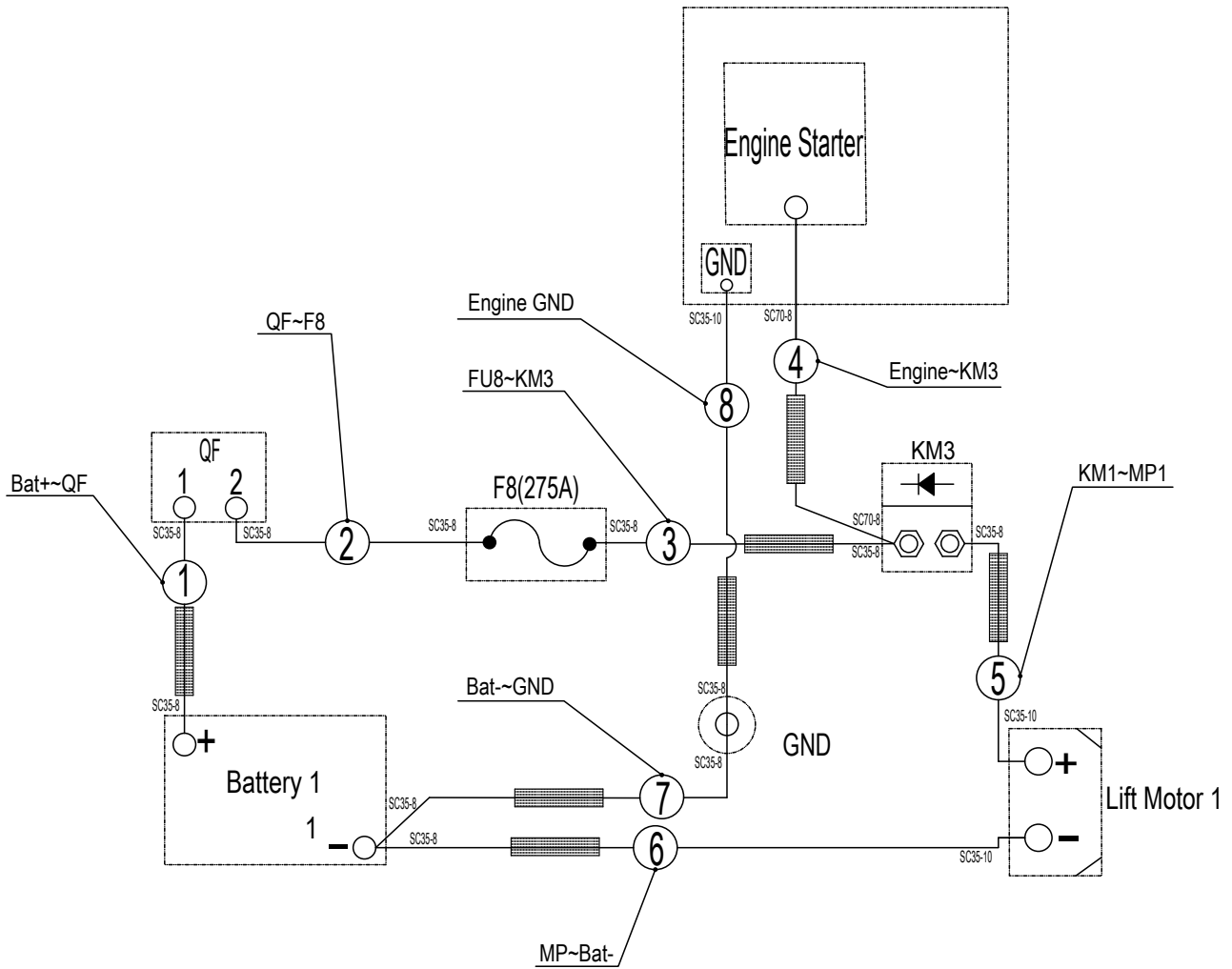
7.3.8 CHASSIS HARNESS



No.	Part No.	Qty.	Description
1	203080000150	1	Plug(male), flange connector
2	203080000137	4	Pin, female, 30A
3	203080000184	1	End attachments, ITT
4	203080000146	22	Pin, female
5	203080000018	2	Terminal, blade-hole type
6	203080000134	2	Terminal, blade-hole type
7	203080000020	1	Lock
8	203080000445	1	End attachments, 4-pin, female
9	203080000041	32	Terminal, female
10	203080000446	5	Rubber, 4-pin
11	203080000044	5	Sheath
12	203080000410	4	Sheath
13	203080000016	4	Lock
14	203080000437	4	End attachments, 2-pin, female
15	203080000448	4	Rubber, 2-pin
16	203080000197	2	Terminal
17	203080000129	2	Jacket, flexible
18	203080000582	3	Cable
19	203080000308	10	Cable
20	203080000248	35	Cable
21	203080000393	1	Cable
22	203080003092	3	Cable
23	203080003093	4	Cable
24	203080000372	3	Cable
25	203080000367	1	Cable
26	203080003131	2	Sheath
27	203080003132	2	Terminal, male
28	203080003046	1	Sheath
29	203080003047	1	Terminal, female
30	203080000033	12	Terminal, male
31	203080000157	1	Lock
32	203080000403	1	Sheath
33	203080000406	1	Sheath
34	203080000112	1	Lock
35	203080000068	20	Blind plug
36	203080000299	1	Terminal
37	203080003362	1	Connector

No.	Part No.	Qty.	Description
4	203080000068	4	Blind plug
5	203080000413	1	Sheath
6	203080000126	1	Lock
7	203080000033	4	Terminal, male
8	203080000210	1	Sheath
9	203080000215	1	Lock
10	203080000213	5	Terminal
11	203080000214	1	Seal ring
12	203080000211	1	Plug
13	203080000124	1	Terminal, blade-hole type
14	203080000006	2	Corrugated pipe
15	203080000037	1	Corrugated pipe
16	203080000133	1	Terminal, blade-hole type
17	203080000018	1	Terminal, blade-hole type
18	203080000372	4	Cable
19	203080000039	1	Terminal, blade-hole type
20	203080000375	10	Cable
21	203080000370	5	Cable

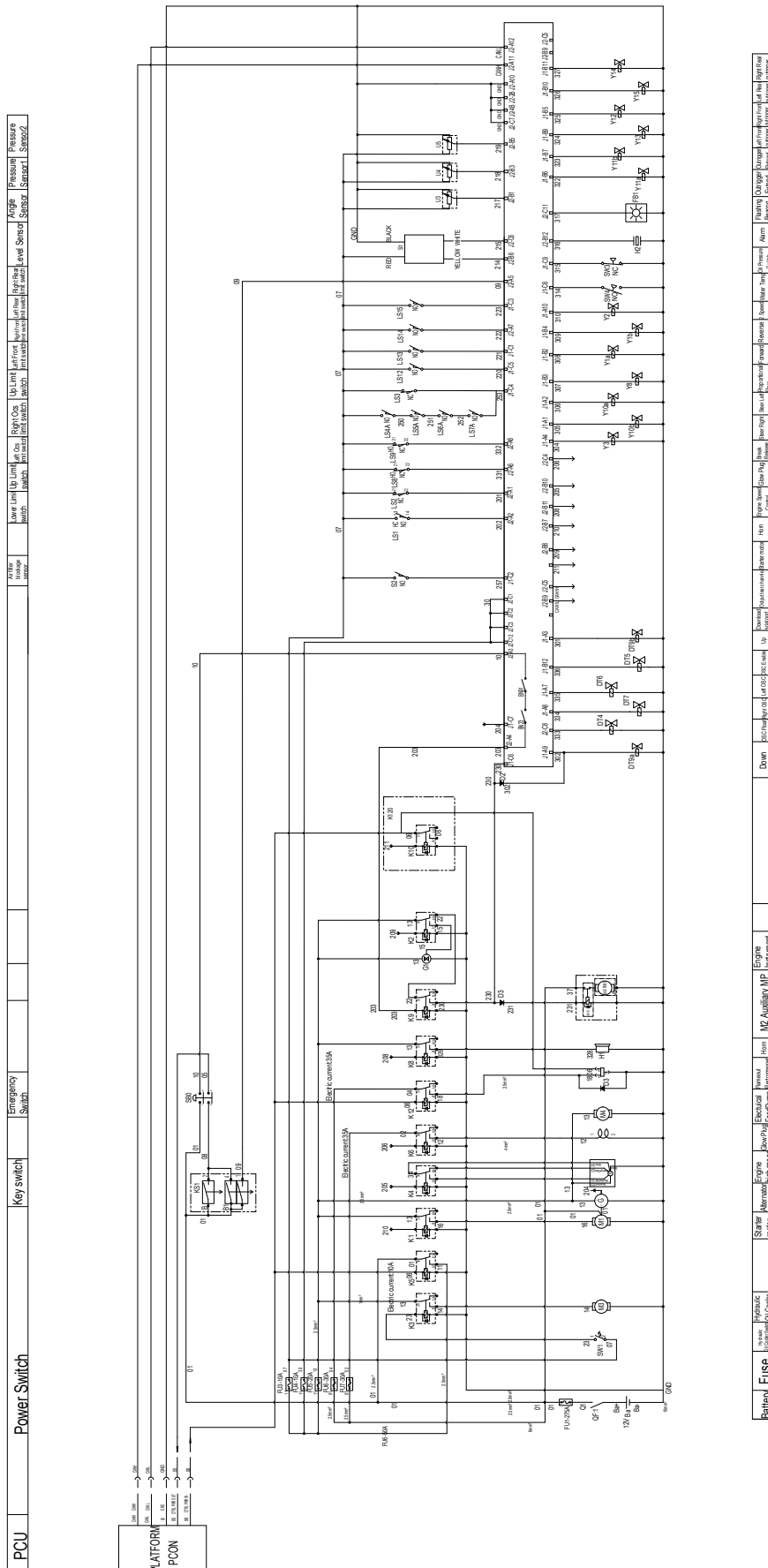
7.3.10 ELECTRICAL POWER WIRING LAYOUT



No.	Part No.	Qty.	Description
1	203230000606	1	Power harness
2	203230000607	1	Power harness
3	203230000608	1	Power harness
4	203230000609	1	Power harness
5	203230000610	1	Power harness
6	203230000611	1	Power harness
7	203230000827	1	Power harness
8	203230000613	1	Power harness
9	203080003048	18	Corrugated pipe

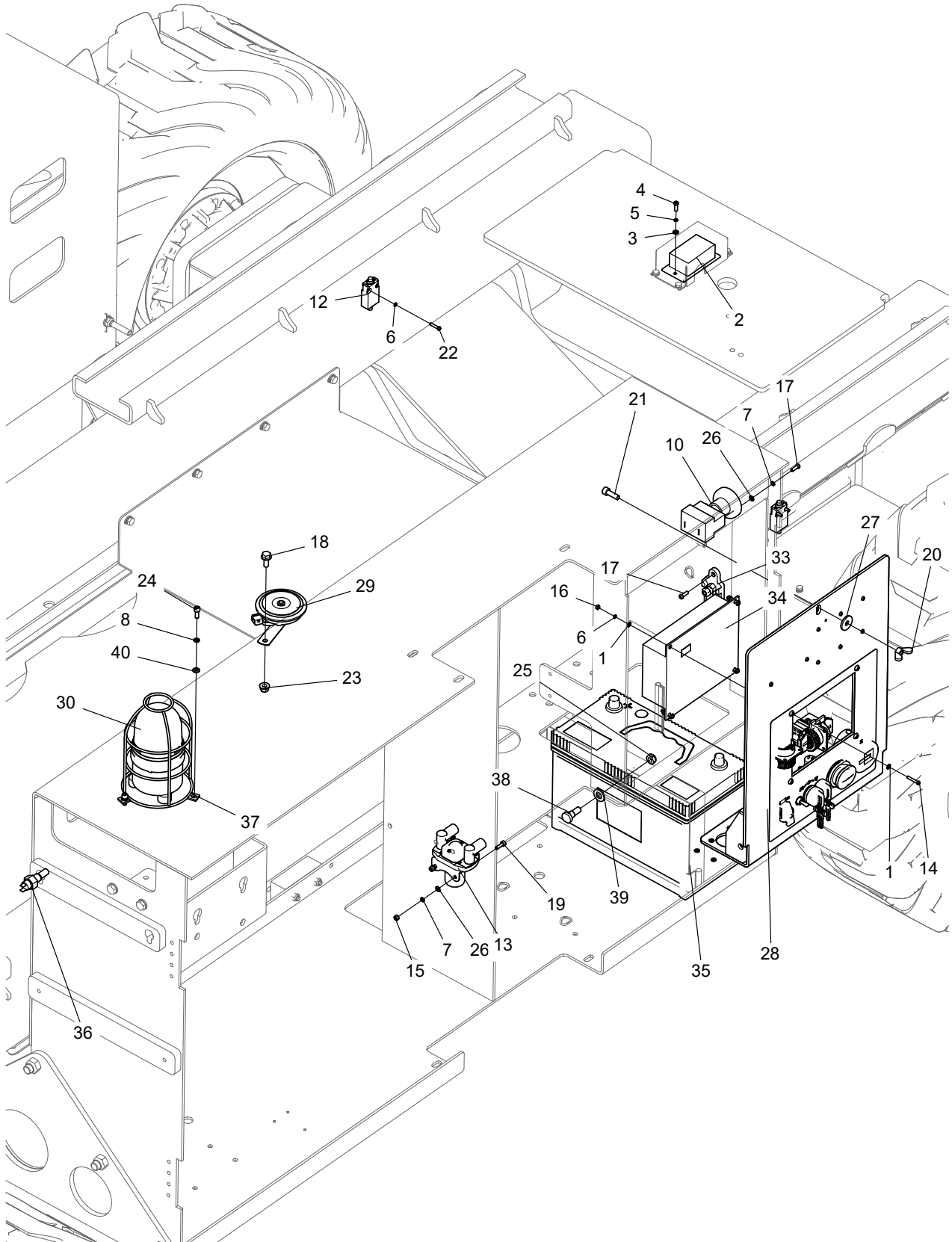
7.3.11 ELECTRICAL SCHEMATIC(YANMAR CHINA 3)

Electrical Schematic(Yanmar China 3)



7.4 ELECTRICAL SYSTEM(YANMAR/CHINA T4)

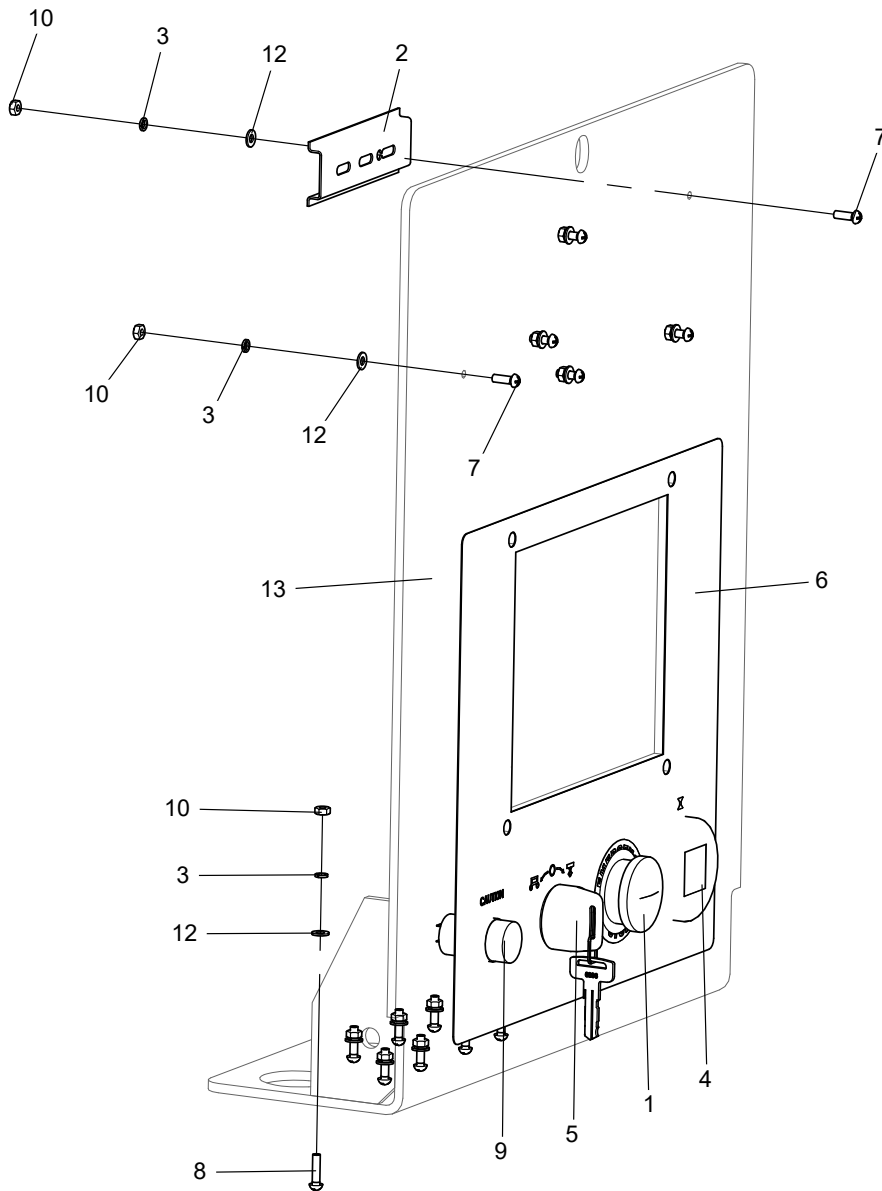
7.4.1 CHASSIS ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	215040000031	8	Washer 4-A2 GB/T 97.1
2	203150000045	1	Level sensor, dual-axis
3	215040000032	2	Washer 5-A2 GB/T 97.1
4	215020000111	2	Screw M5×16-A2-70 GB/T 818
5	215040000002	2	Washer 4-A2-70 GB/T 93
6	215040000002	8	Washer 4-A2-70 GB/T 93
7	215040000003	6	Washer 5-A2-70 GB/T 93
8	215040000004	3	Washer 6-A2-70 GB/T 93
9	203100000053	1	Jacket, flexible
10	203060000124	1	Power-off switch
11	203100000051	1	Jacket, flexible
12	203060000031	2	Travel switch
13	203040000002	1	Solenoid contactor, DC
14	215020000108	4	Screw M4×25-A2-70 GB/T 818
15	215030000003	2	Nut M5-A2-70 GB/T 6170
16	215030000002	4	Nut M4-8-A2-70 GB/T 6170
17	215020000111	4	Screw M5×16-A2-70 GB/T 818
18	215010000264	1	Bolt M8×20-10.9-DKL GB/T 5789
19	215020000007	2	Screw M5×16-A2-70 GB/T 70.1
20	215030000086	1	Nut M8-8-ZnD GB/T62
21	215020000024	1	Screw M8×25-8.8-ZnD GB/T 70.1
22	215020000107	4	Screw M4×20-A2-70 GB/T 818
23	215030000108	1	Nut M8-8-ZnD GB/T 6183
24	215020000011	3	Screw M6×16-A2-70 GB/T 70.1
25	215030000027	2	Nut M10-8-ZnD GB/T 6184
26	215040000032	4	Washer 5-A2 GB/T 97.1
27	215040000103	1	Washer 8-100HV-ZnD GB/T 5287
28	102013063012	1	Control panel installation options(See Details)
29	203050000034	1	Horn
30	203050000060	1	Beacon light
31	203080000250	1	Battery terminal
32	203080000004	6	Connector, PVC
33	203070000043	1	Fuse holder, with 275A fuse
34	102010063010		Options, Main controller
34-1	203020000033	1	Main controller(DTC-K100)
34-2	203020003019	1	Main controller(DTC-K110)
34-3	203020003041	1	Electronic control unit(SINOBOOM)
34-4	203020003135	1	Main Controller(DTC-K120)

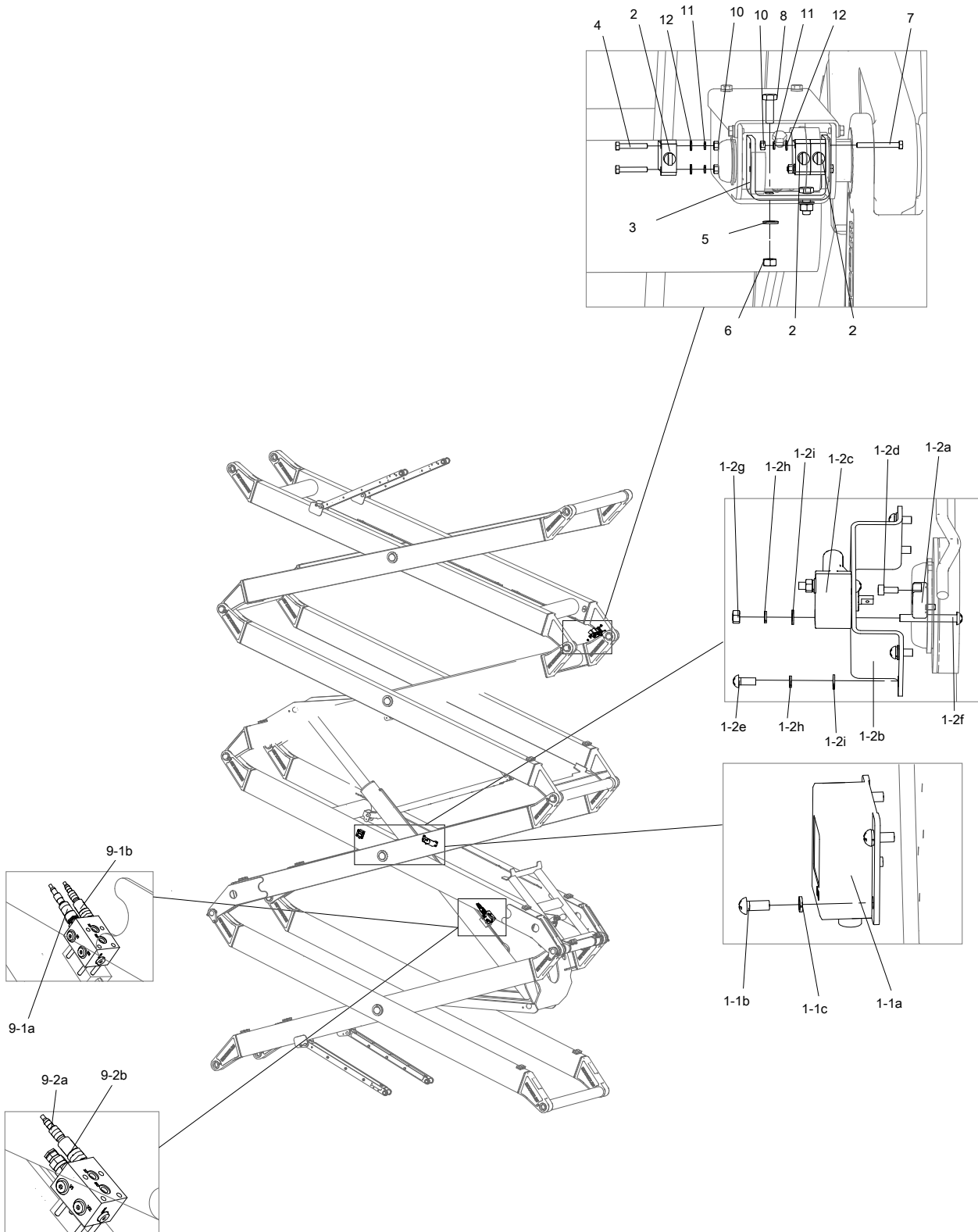
No.	Part No.	Qty.	Description
35	203100000061	1	Battery, maintenance-free
36	203150000038	1	Temp sensor
37	105021060024	1	Guard, beacon light
38	102004030005	2	Cotter pin
39	215040000037	2	Washer 12-200HV-ZnD GB/T 97.1
40	215040000033	3	Washer 6-A2 GB/T 97.1

7.4.2 CONTROL PANEL INSTALLATION(PN.102013063036)



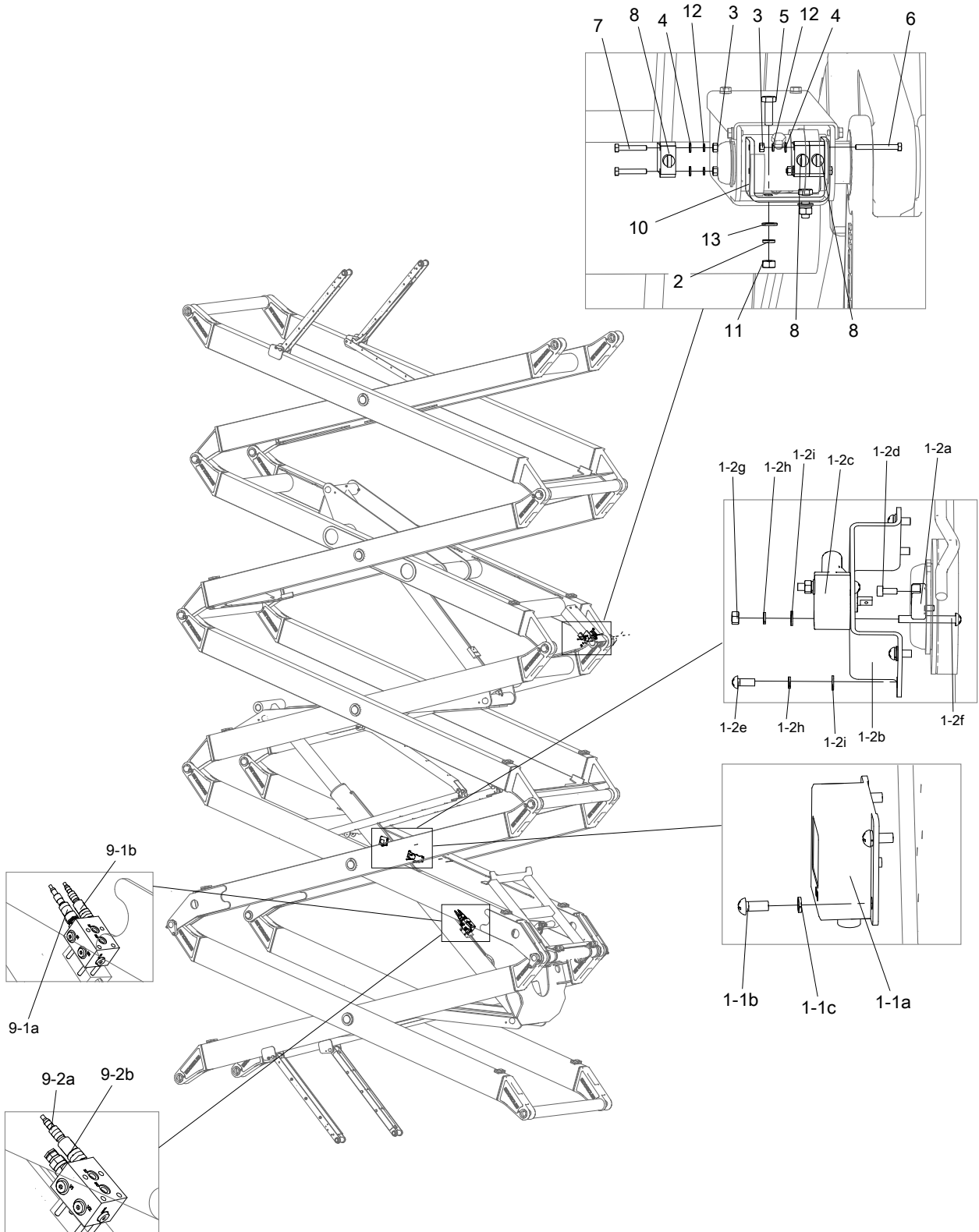
No.	Part No.	Qty.	Description
1	203060000142	1	Emergency stop switch
2	203990000001	1	Guiderail
3	215040000002	14	Washer 4-A2-70 GB/T 93
4	203200003003	1	Color display, 1.3in.
5	203060000001	1	Key switch
6	102004060007	1	Control panel membrane
7	215020000105	6	Screw M4×12-A2-70 GB/T 818
8	215020000106	8	Screw M4×16-A2-70 GB/T 818
9	203050000005	1	Buzzer
10	215030000002	14	Nut M4-8-A2-70 GB/T 6170
11	102013063037	1	Control panel wiring assembly(Not shown)
12	215040000031	14	Washer 4-A2 GB/T 97.1
13	102001030199	1	Electrical door

7.4.3 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1323RD&1323RE&1323RH



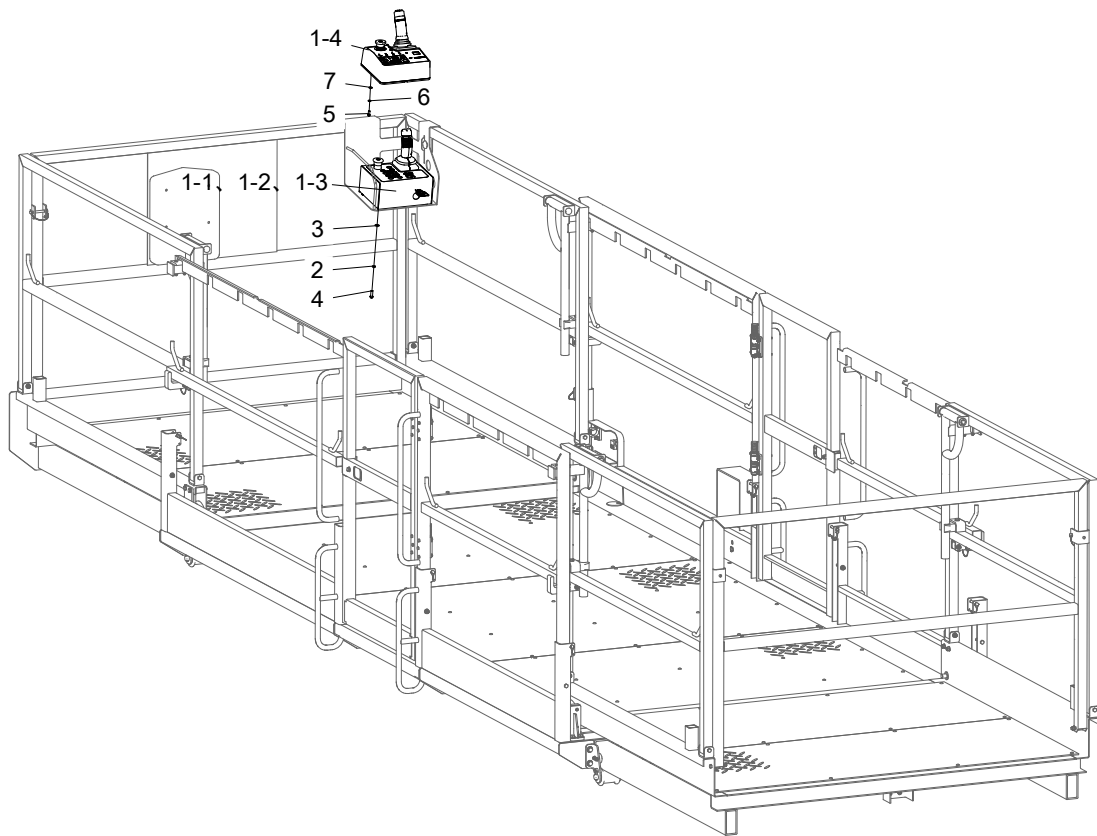
No.	Part No.	Qty.	Description
1	116005063050		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	203060000112	3	Travel switch
3	102001010107	1	Mounting plate, bending
4	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
5	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1
6	215030000026	2	Nut M8-8-ZnD GB/T889.1
7	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
8	215010000235	2	Bolt M8×25-8.8-ZnD GB/T 5789
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	215030000003	4	Nut M5-A2-70 GB/T 6170
11	215040000003	4	Washer 5-A2-70 GB/T 93
12	215040000032	4	Washer 5-A2 GB/T 97.1

7.4.4 SCISSOR ELECTRICAL COMPONENTS INSTALLATION-
1623RD&1623RE&1623RH



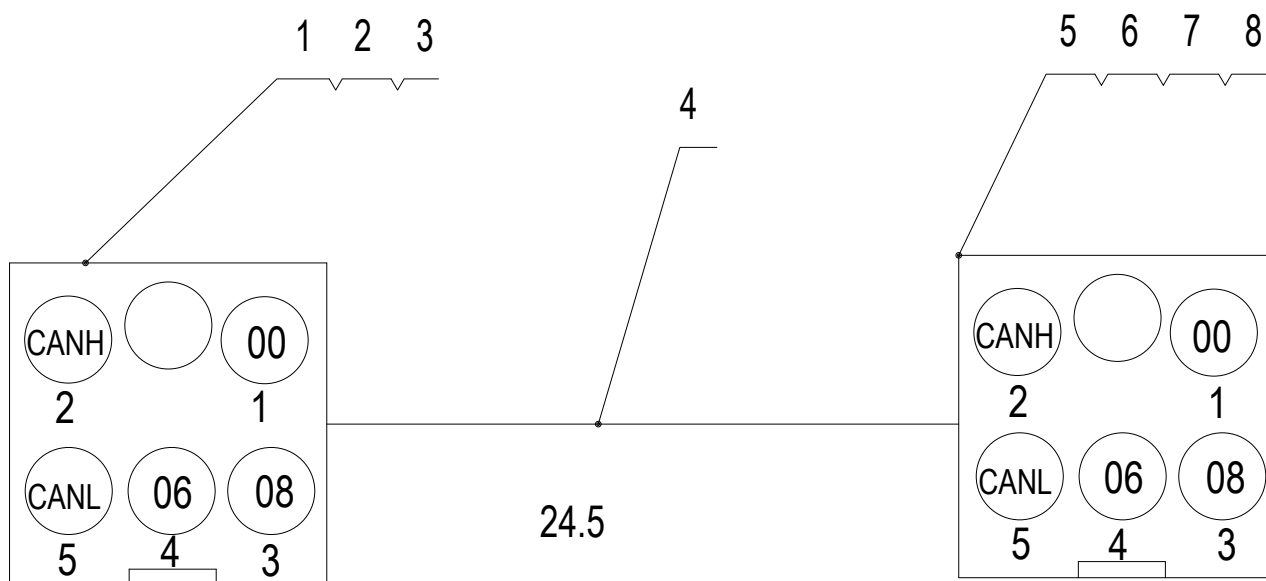
No.	Part No.	Qty.	Description
1	116006063141		Angle sensor options
1-1	102010063012	1	Angle sensor installation, non-swivel type
1-1a	203150000015	1	Angle sensor
1-1b	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-1c	215040000003	4	Washer 5-A2-70 GB/T 93
1-2	116003063076	1	Angle sensor installation
1-2a	101016010062	1	Flange
1-2b	101016010063	1	Mount
1-2c	203150000046	1	Angle sensor
1-2d	215020000001	2	Screw M4×10-A2-70 GB/T 70.1
1-2e	215020000110	4	Screw M5×12-A2-70 GB/T 818
1-2f	215020000215	2	Screw M5×40-A2-70 GB/T 818
1-2g	215030000003	2	Nut M5-A2-70 GB/T 6170
1-2h	215040000003	6	Washer 5-A2-70 GB/T 93
1-2i	215040000032	6	Washer 5-A2 GB/T 97.1
2	215040000005	2	Washer 8-ZnD GB/T 93
3	215030000003	4	Nut M5-A2-70 GB/T 6170
4	215040000032	4	Washer 5-A2 GB/T 97.1
5	215010000058	2	Bolt M8×25-8.8-ZnD GB/T 5783
6	215010000048	2	Bolt M5×45-A2-70 GB/T 5783
7	215010000045	2	Bolt M5×30-A2-70 GB/T 5783
8	203060000112	3	Travel switch
9	116003063054		Options, Pressure sensor
9-1	116003063056	1	Dual pressure sensor installation
9-1a	203080003094	2	Plug, with cable
9-1b	203150000055	2	Pressure sensor
9-2	116003063057	1	Single pressure sensor installation
9-2a	203080003094	1	Plug, with cable
9-2b	203150000055	1	Pressure sensor
10	102001010107	1	Mounting plate, bending
11	215030000005	2	Nut M8-8-ZnD GB/T 6170
12	215040000003	4	Washer 5-A2-70 GB/T 93
13	215040000034	2	Washer 8-200HV-ZnD GB/T 97.1

7.4.5 PLATFORM ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	102010063009		Options, Platform controller
1-1	203020000034	1	Platform controller(DTC-K300)
1-2	203020003020	1	Platform controller(DTC-K500)
1-3	203020003134	1	Platform controller(K120)
1-4	203020003042	1	Platform control box(SINOBOOM)
2	215040000003	4	Washer 5-A2-70 GB/T 93
3	215040000032	4	Washer 5-A2 GB/T 97.1
4	215020000111	4	Screw M5×16-A2-70 GB/T 818
5	215020000116	4	Screw M6×16-A2-70 GB/T 818
6	215040000004	4	Washer 6-A2-70 GB/T 93
7	215040000033	4	Washer 6-A2 GB/T 97.1

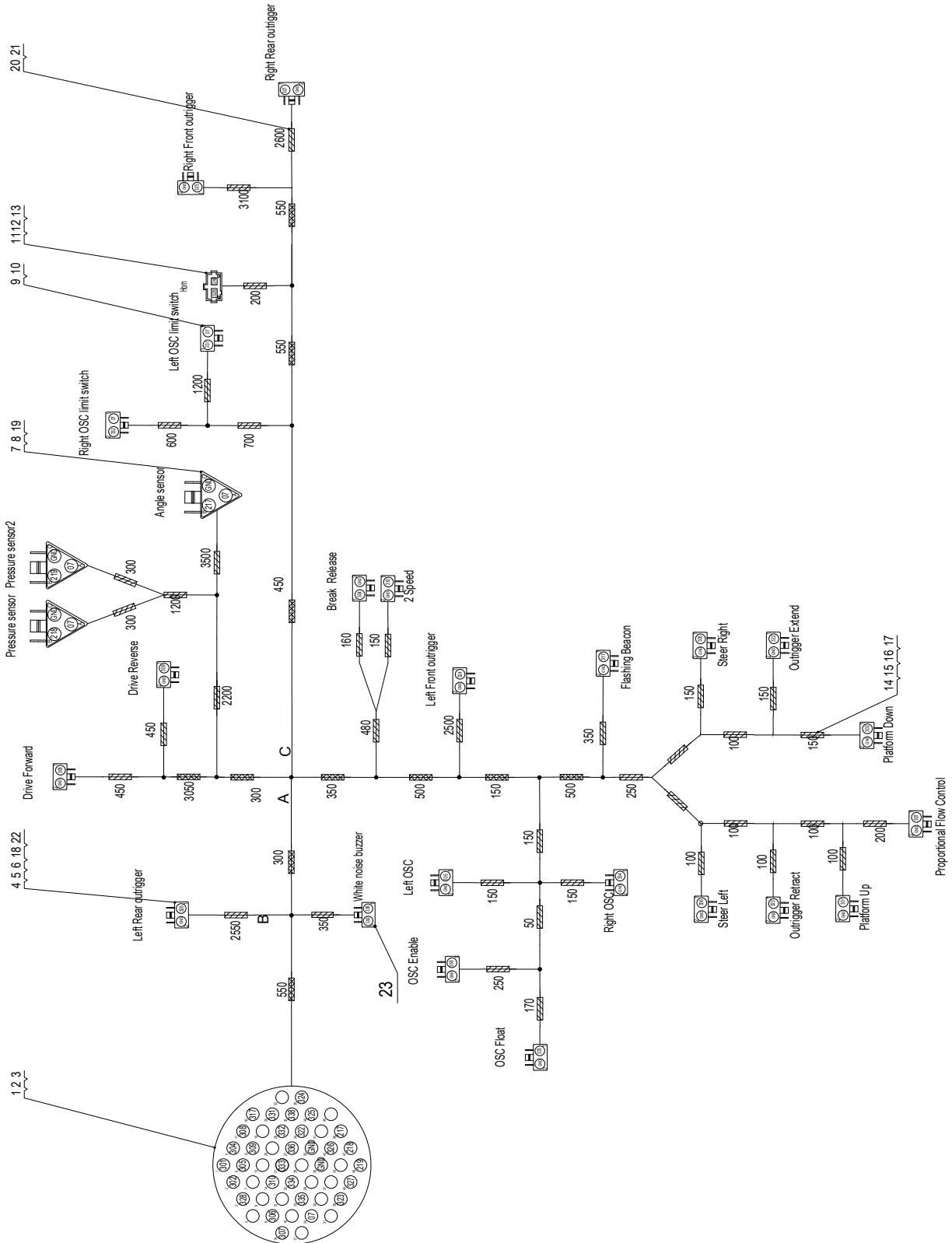
7.4.6 UPPER AND LOWER PLATFORM HARNESS(PN.102001060001)



No.	Part No.	Qty.	Description
1	203080000349	1	Connector
2	203080000351	5	Pin
3	203080000353	1	Cover
4	203080003050	25	Cable, 5-core
5	203080000348	1	Connector
6	203080000355	5	Socket
7	203080000354	1	Cover
8	203080000350	2	Connector

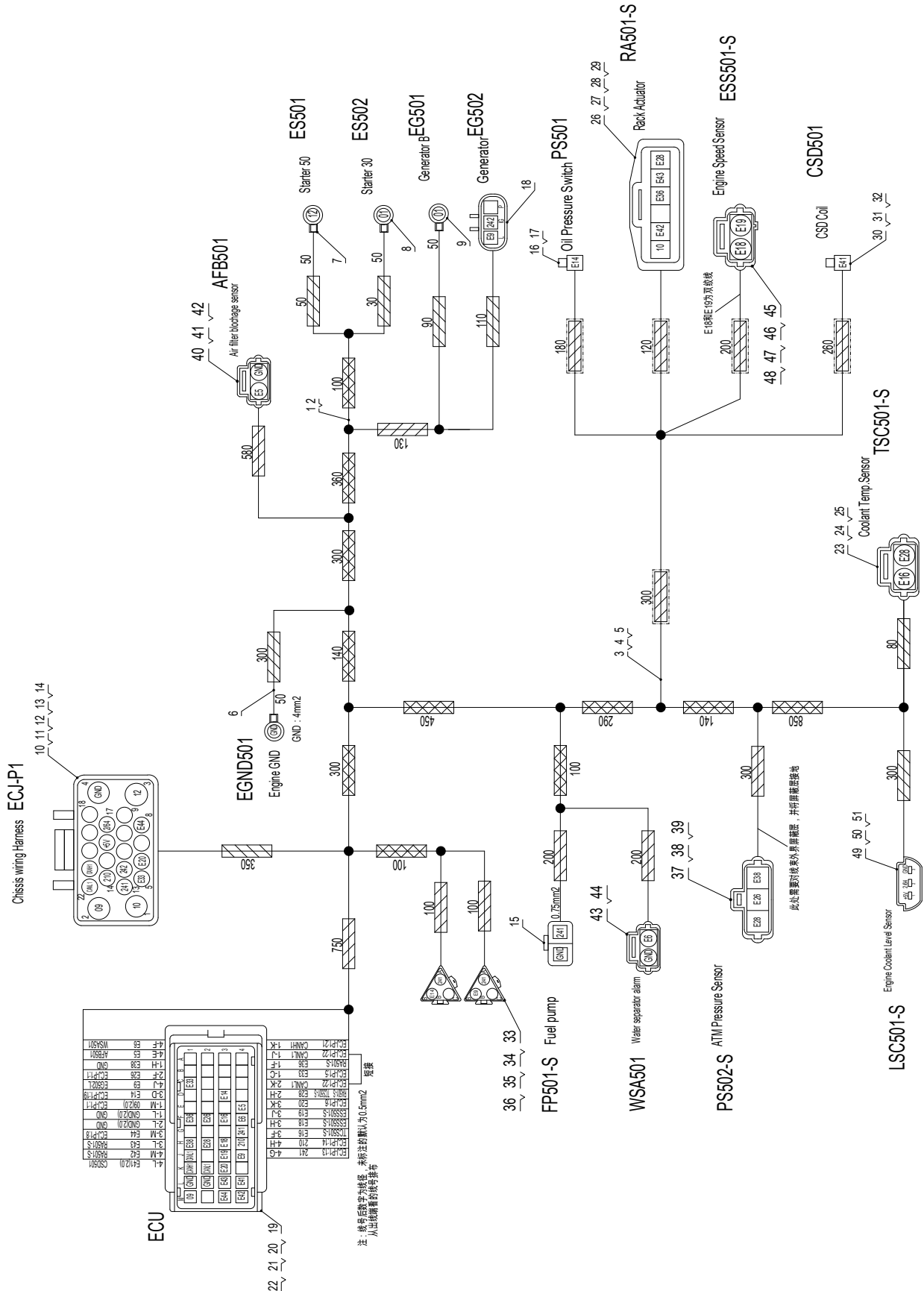
No.	Part No.	Qty.	Description
	102013063040	1	Chassis harness1
1	203080000150	1	Plug(male), flange connector
2	203080000137	4	Pin, female, 30A
3	203080000184	1	End attachments, ITT
4	203080000146	36	Pin, female
5	203080000018	2	Terminal, blade-hole type
6	203080000134	2	Terminal, blade-hole type
7	203080000020	1	Lock
8	203080000445	5	End attachments, 4-pin, female
9	203080000041	32	Terminal, female
10	203080000446	5	Rubber, 4-pin
11	203080000044	5	Sheath
12	203080000410	4	Sheath
13	203080000016	4	Lock
14	203080000437	4	End attachments, 2-pin, female
15	203080000448	4	Rubber, 2-pin
16	203080000197	2	Terminal
17	203080000129	2	Jacket, flexible
18	203080000582	3	Cable
19	203080000308	10	Cable
20	203080000248	35	Cable
21	203080000393	1	Cable
22	203080003092	3	Cable
23	203080003093	4	Cable
24	203080000372	2	Cable
25	203080000367	1	Cable
26	203080003131	2	Sheath
27	203080003132	2	Terminal, male
28	203080003046	1	Sheath
29	203080003047	1	Terminal, female
30	203080003213	1	Plug, 4+18P
31	203080003214	4	Pin, female, 30A
32	203080003212	1	End clip
33	203080000299	1	Terminal
34	203080003362	1	Connector

7.4.8 CHASSIS HARNESS 2(PN.102013063041)



No.	Part No.	Qty.	Description
	102013063041	1	Chassis harness2
1	203080000145	1	Plug(male), 48-pin connector
2	203080000146	30	Pin, female
3	203080000184	1	End attachments, ITT
4	203080000041	57	Terminal, female
5	203080000024	23	Sheath
6	203080000016	23	Lock
7	203080000032	3	Lock
8	203080000012	3	Sheath
9	203080000375	40	Cable
10	203080000370	25	Cable
11	203080000427	1	Sheath
12	203080000428	2	Pin, female
13	203080000429	1	Cap, waterproof
14	203080000135	1	Corrugated pipe (Black)
15	203080000037	1	Corrugated pipe
16	203080000006	10	Corrugated pipe
17	203080000031	10	Corrugated pipe
18	203080000437	23	End attachments, 2-pin, female
19	203080000508	3	End clip
20	203080000424	19	Nylon hose, closed-end
21	203080000422	4	Nylon hose, closed-end
22	203080000448	23	Rubber, 2-pin
23	203080000474	1	Cover, waterproof

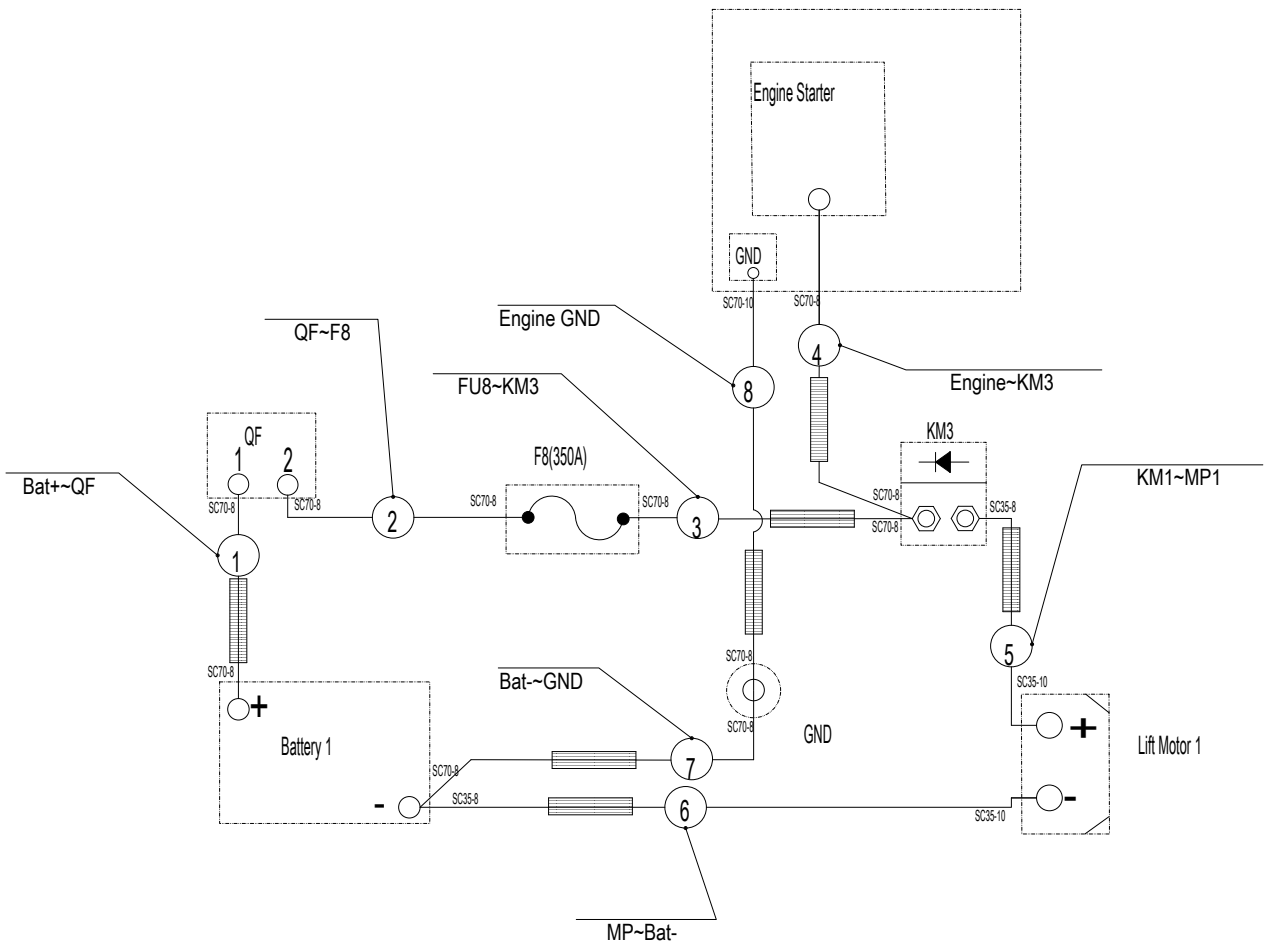
7.4.9 ENGINE HARNESS(PN.102013063042)



No.	Part No.	Qty.	Description
	102013063042	1	Engine harness
1	203080000367	4	Cable
2	203080000582	4	Cable
3	203080003207	15	Cable
4	203080000372	10	Cable
5	203080003208	3	Cable
6	203080000394	3	Cable
7	203080000039	1	Terminal, blade-hole type
8	203080003457	1	Terminal, round top insulated
9	203080003394	1	Terminal, round top insulated
10	203080003209	1	Socket, 4+18pin
11	203080003211	1	Waterproof shim, panel
12	203080003210	3	Pin, male, 30A
13	203080000141	10	Pin, male
14	203080003212	1	End clip
15	203080003306	1	Connector
16	203080000129	1	Jacket, flexible
17	203080000130	1	Terminal
18	203080000376	1	Sheath
19	203080003436	1	Sheath
20	203080003437	1	Cover
21	203080003438	17	Terminal, small
22	203080003439	7	Terminal
23	203080003440	1	Sheath
24	203080003441	2	Terminal
25	203080003103	1	Waterproof hose
26	203080003442	1	Sheath
27	203080003443	5	Terminal
28	203080003444	1	Plug, waterproof
29	203080003445	1	Blind plug
30	203080003450	1	Sheath
31	203080003452	1	Terminal
32	203080003453	1	Waterproof hose
33	203080000405	2	Sheath
34	203080000046	2	Lock
35	203080000455	2	End attachments, 3-pin, male
36	203080000086	2	Sheath
37	203080003546	1	Sheath

No.	Part No.	Qty.	Description
38	203080003547	3	Terminal
39	203080003548	1	Waterproof Bolt
40	203080003564	1	Sheath
41	203080003565	2	Terminal
42	203080000387	1	Kit, seal
43	203080003434	1	Sheath
44	203080003435	2	Terminal
45	203080003446	1	Sheath
46	203080003447	1	Card buckle
47	203080003448	2	Terminal
48	203080003449	1	Waterproof hose
49	203080000331	1	Fitting
50	203080000323	3	Pin
51	203080000332	1	Seal plug

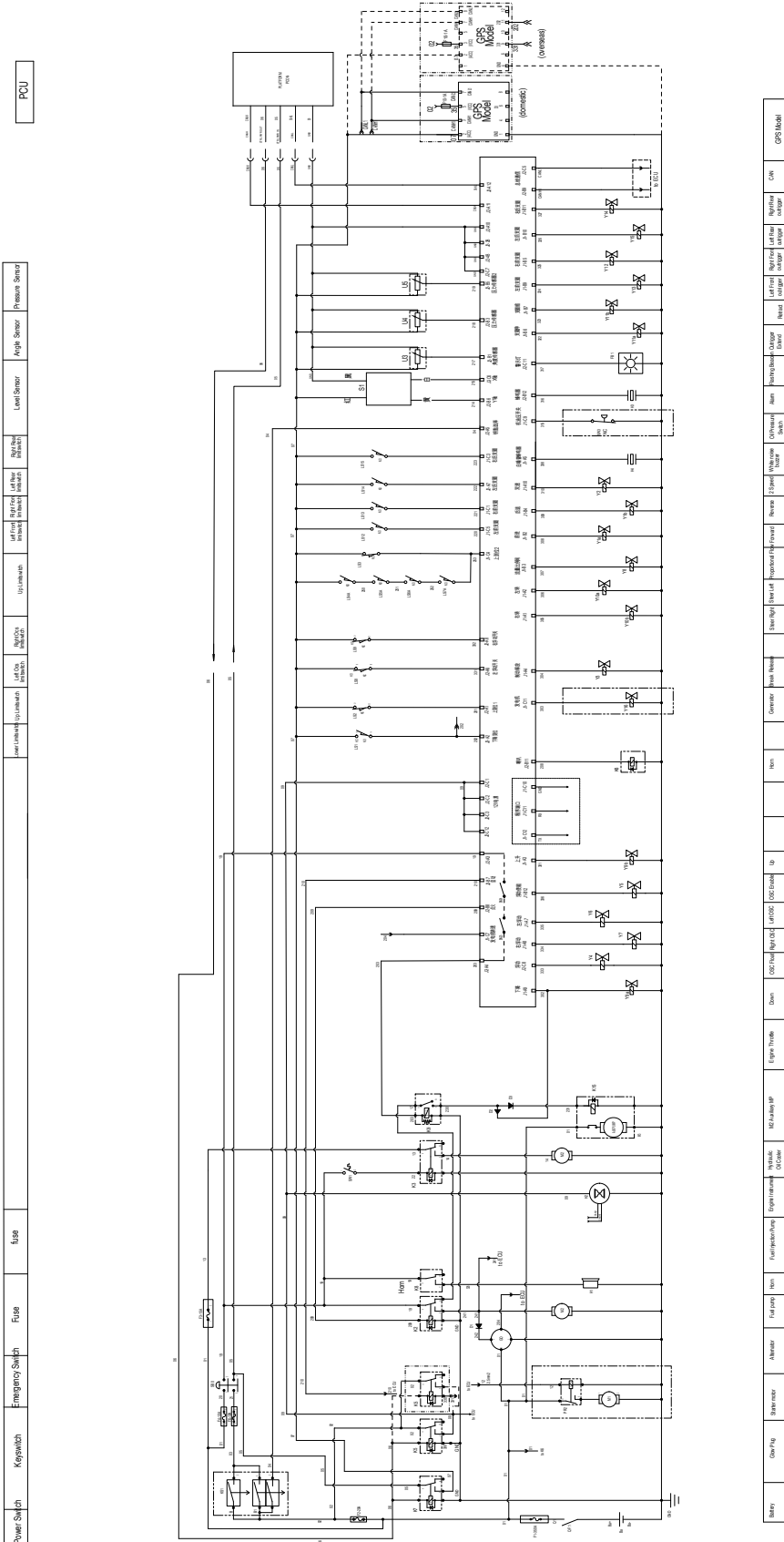
7.4.10 ELECTRICAL POWER WIRING LAYOUT(PN.102013063043)



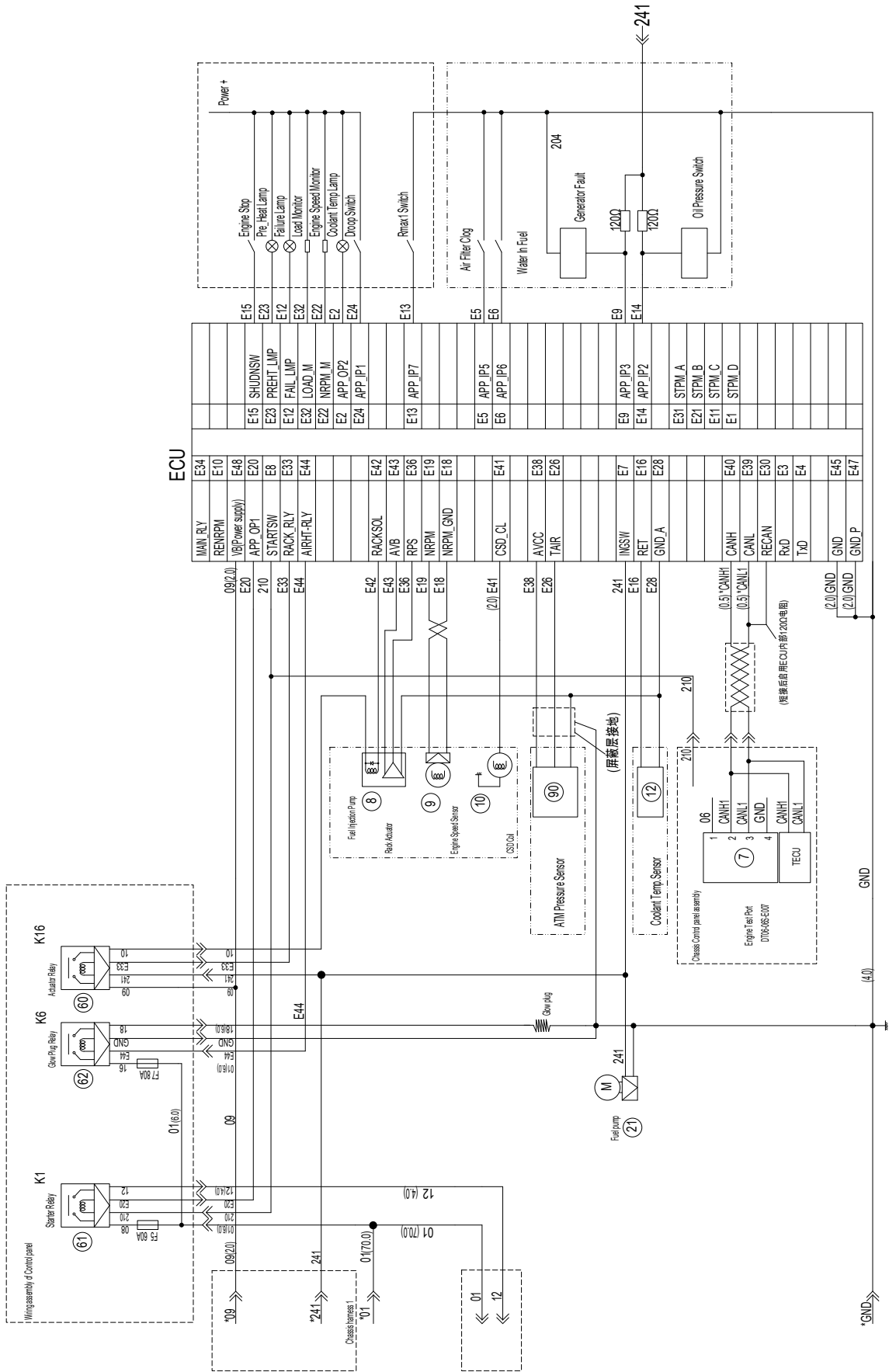
No.	Part No.	Qty.	Description
	102013063043	1	Wiring diagram of electric power harness
1	203230000947	1	Power harness
2	203230000948	1	Power harness
3	203230000949	1	Power harness
4	203230000609	1	Power harness
5	203230000610	1	Power harness
6	203230000611	1	Power harness
7	203230000990	1	Power harness
8	203230000991	1	Power harness
9	203080003048	18	Corrugated pipe

7.4.11 ELECTRICAL SCHEMATIC

Electrical schematic(China T4)



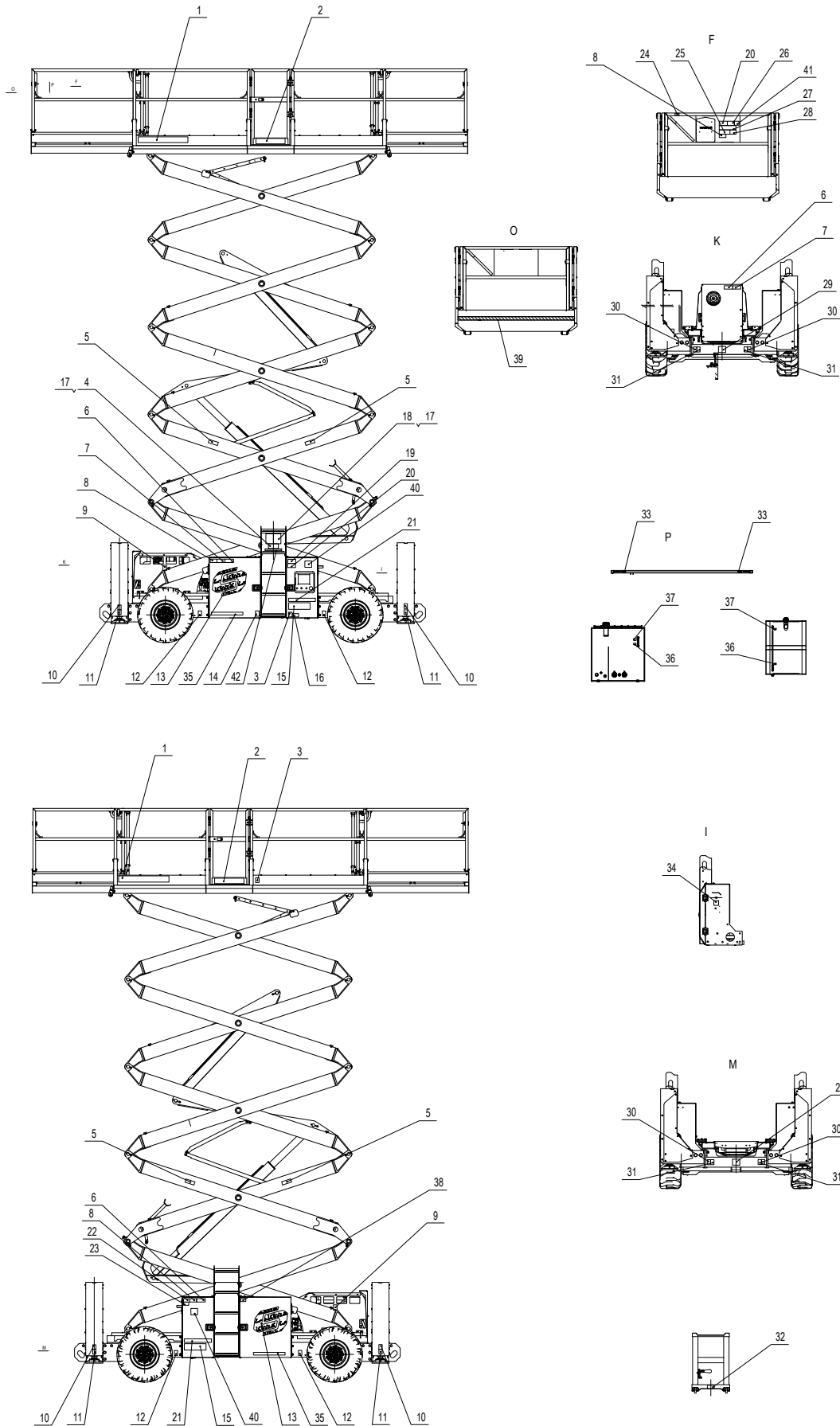
Electrical schematic of engine (China T4)



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8 DECALS

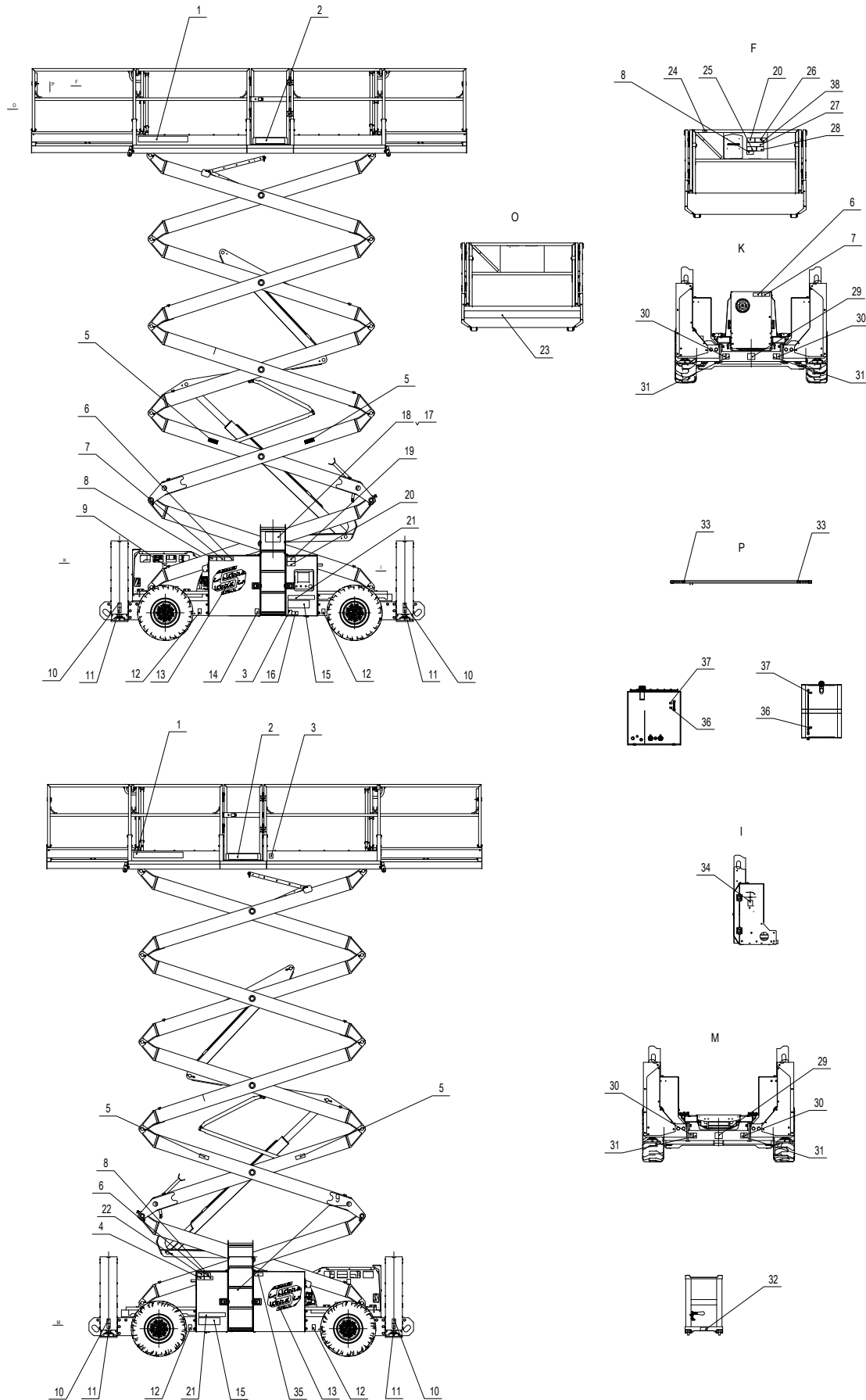
8.1 DECALS(GB)



No.	Part No.	Qty.	Description
	102006100015	1	Decals (GB)-1323RD
	102001100013	1	Decals (GB)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102012103004	2	Decal-Use requirements, 1323RD
2-2	102006100008	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	102001103000	1	Environmental protection info label
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101012100005	3	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103002	4	Decal-Outrigger load 3200kg
11	102001100003	4	Decal-Crush hazard
12	102013103001	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103002	2	Decal-1323RD
15-1	102013103003	2	Decal-1623RD
16	101012100001	1	Decal-No fire
17	102001103001	1	Nameplate-GB
18	215050000012	8	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	104009100019	1	Decal-Diesel fuels
24	102001100001	1	Decal-Crush hazard
25	102001100005	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102012103003	1	Decal-Use requirements, 1323RD
27-2	102001100015	1	Decal-Use requirements, 1623RD
28	101012100019	1	Decal-Tipping hazard
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101056103002	1	Decal-Main power switch
35	101014100034	2	Decal-Contact information
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	104009100018	1	Decal-Hydraulic oil
39	216060000004	2	Attention line, 50mm wide
40	101014100036	2	Decal-Warranty period
41	101055103016	1	Decal-Emergency stop switch

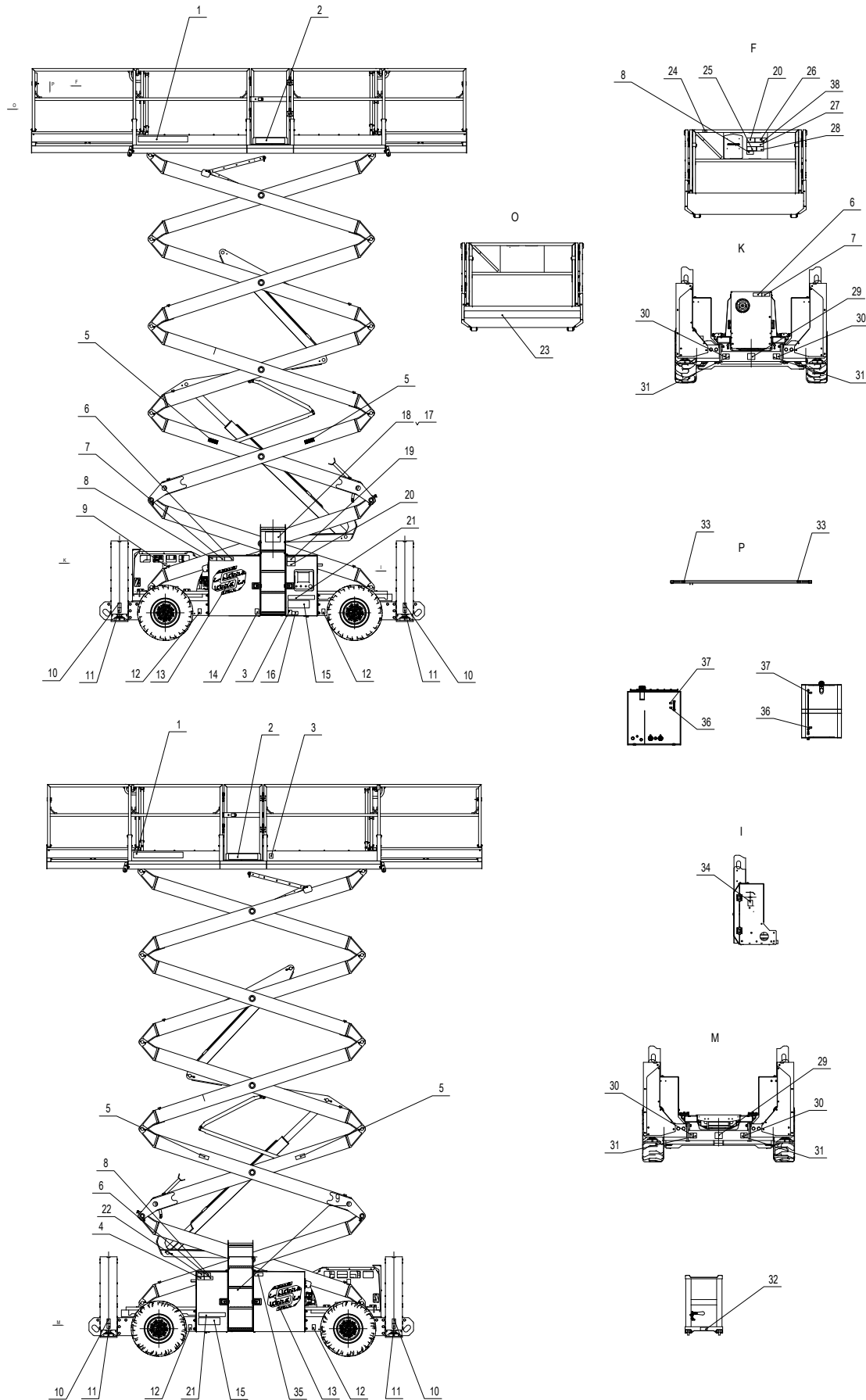
8.2 DECALS(CE-METRIC)



No.	Part No.	Qty.	Description
	102012103005	1	Decals (CE-Metric)-1323RD
	102001100014	1	Decals (CE-Metric)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102012103004	2	Decal-Use requirements, 1323RD
2-2	102006100008	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	104009100021	1	Decal-Diesel fuels
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101012100005	3	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103002	4	Decal-Outrigger load 3200kg
11	102001100003	4	Decal-Crush hazard
12	102013103001	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103002	2	Decal-1323RD
15-2	102013103003	2	Decal-1623RD
16	101012100001	1	Decal-No fire
17	102001103003	1	Nameplate-CE
18	215050000012	4	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	216060000004	2	Attention line, 50mm wide
24	102001100001	1	Decal-Crush hazard
25	102001100005	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102012103003	1	Decal-Use requirements, 1323RD
27-2	102001100015	1	Decal-Use requirements, 1623RD
28	101012100019	1	Decal-Tipping hazard
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101016100031	1	Decal-Main power switch
35	104009100022	1	Decal-Hydraulic oil
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	101055103015	1	Decal-Emergency stop switch

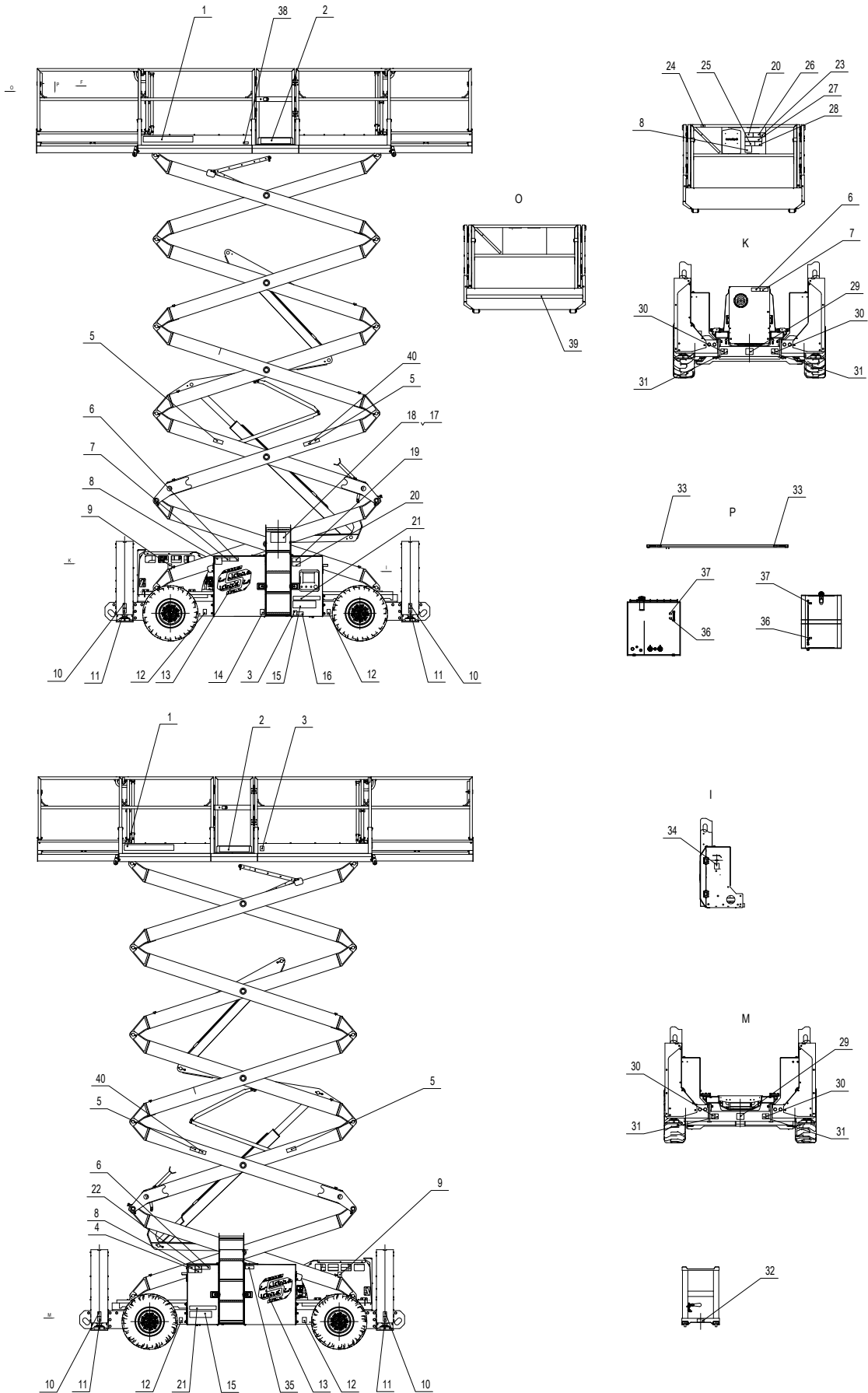
8.3 DECALS(CE-IMPERIAL)



No.	Part No.	Qty.	Description
	102006100013	1	Decals (CE-Imperial)-1323RD
	102013103004	1	Decals (CE-Imperial)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102012103004	2	Decal-Use requirements, 1323RD
2-2	102006100008	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	104009100021	1	Decal-Diesel fuels
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101012100005	3	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103002	4	Decal-Outrigger load 3200kg
11	102001100003	4	Decal-Crush hazard
12	102013103001	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103001	2	Decal-4389RD
15-2	102013103005	2	Decal-5389RD
16	101012100001	1	Decal-No fire
17	102001103003	1	Nameplate-CE
18	215050000012	4	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	216060000004	2	Attention line, 50mm wide
24	102001100001	1	Decal-Crush hazard
25	102001100005	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102012103003	1	Decal-Use requirements, 1323RD
27-2	102001100015	1	Decal-Use requirements, 1623RD
28	101012100019	1	Decal-Tipping hazard
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101016100031	1	Decal-Main power switch
35	104009100022	1	Decal-Hydraulic oil
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	101055103015	1	Decal-Emergency stop switch

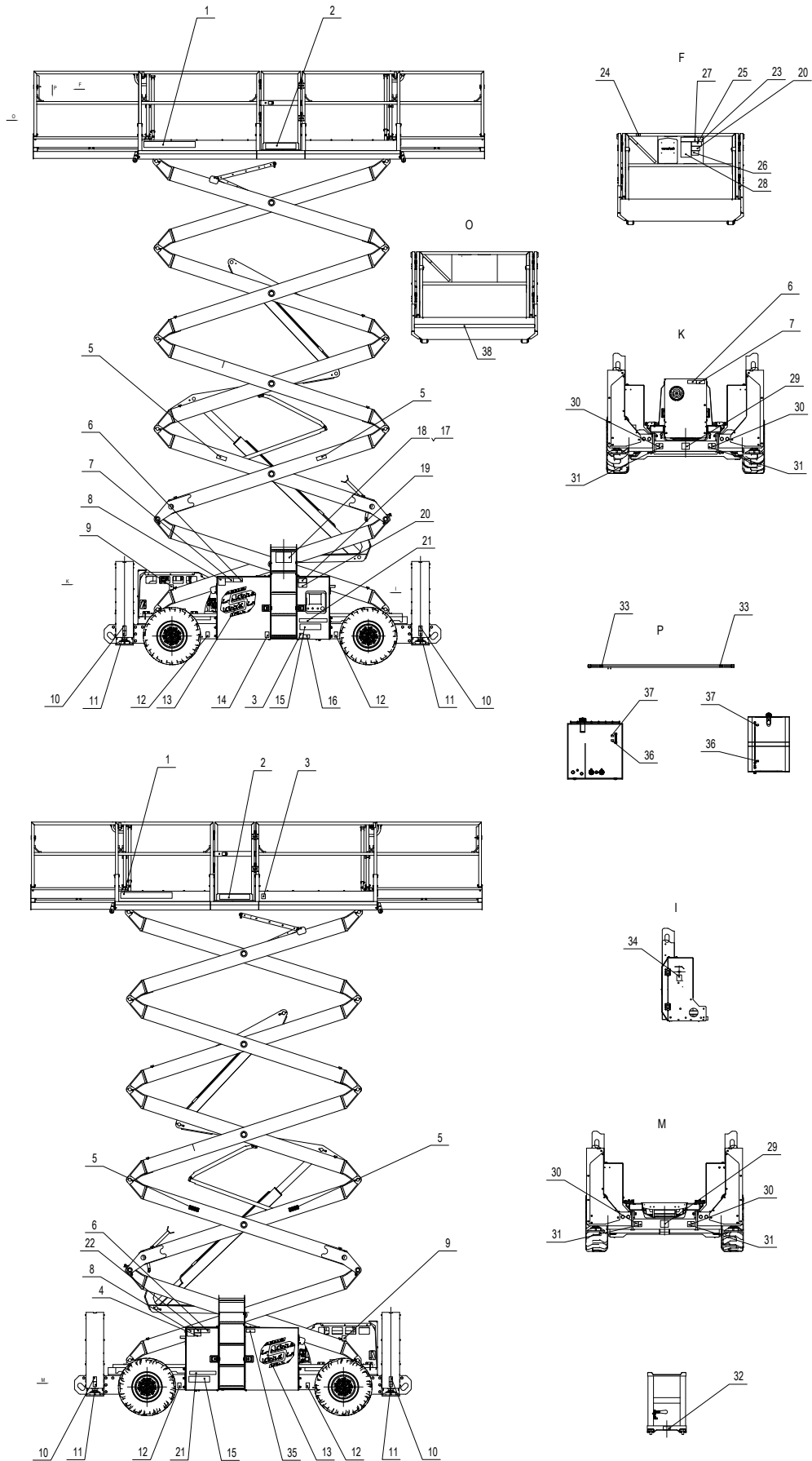
8.4 DECALS(CSA)



No.	Part No.	Qty.	Description
	102006103007	1	Decals (CSA)-1323RD
	102001103012	1	Decals (CSA)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102006103001	2	Decal-Use requirements, 1323RD
2-2	102001103011	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	104009100021	1	Decal-Diesel fuels
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101040103013	3	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103007	4	Decal-Outrigger load 2426kg
11	102001100003	4	Decal-Crush hazard
12	102013103006	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103001	2	Decal-4389RD
15-2	102013103005	2	Decal-5389RD
16	101012100001	1	Decal-No fire
17	102001103005	1	Nameplate-CSA
18	215050000012	4	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	101055103015	1	Decal-Emergency stop switch
24	102001100001	1	Decal-Crush hazard
25	102001103008	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102006103000	1	Decal-Use requirements, 1323RD
27-2	102001103010	1	Decal-Use requirements, 1623RD
28	101012100019	1	Decal-Tipping hazard
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101016100031	1	Decal-Main power switch
35	104009100022	1	Decal-Hydraulic oil
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	101040103015	1	Decal-Annual inspection
39	216060000004	2	Attention line, 50mm wide
40	104011100021	2	Decal-Crush hazard

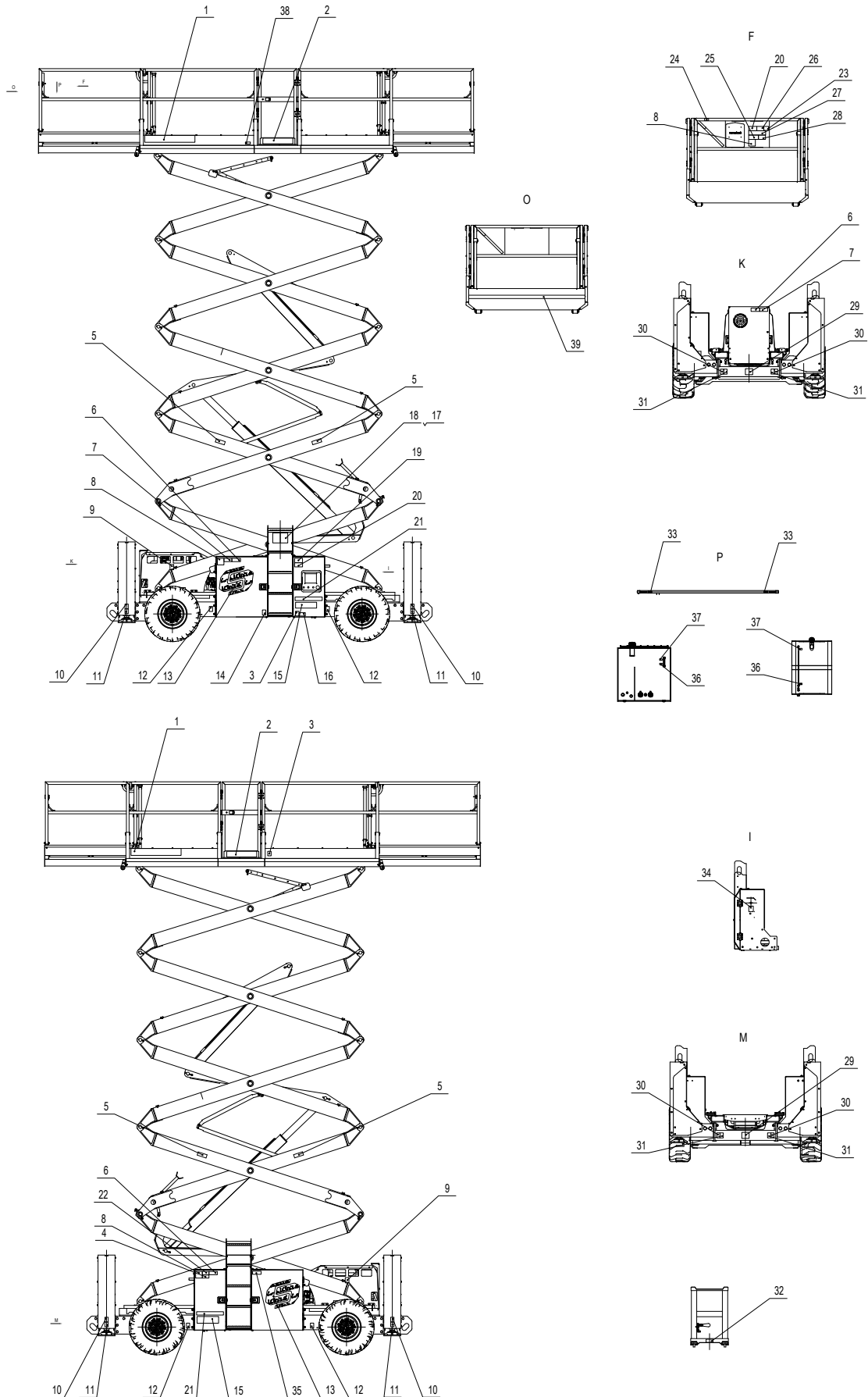
8.5 DECALS(AS)



No.	Part No.	Qty.	Description
	102006100014	1	Decals (AS)-1323RD
	102001100012	1	Decals (AS)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102012103004	2	Decal-Use requirements, 1323RD
2-2	102006100008	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	104009100021	1	Decal-Diesel fuels
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101055103019	2	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103002	4	Decal-Outrigger load 3200kg
11	102001100003	4	Decal-Crush hazard
12	102013103001	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103002	2	Decal-1323RD
15-2	102013103003	2	Decal-1623RD
16	101012100001	1	Decal-No fire
17	102001103002	1	Nameplate-AS
18	215050000012	4	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	101055103015	1	Decal-Emergency stop switch
24	102001100001	1	Decal-Crush hazard
25	102001100005	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102012103003	1	Decal-Use requirements, 1323RD
27-2	102001100015	1	Decal-Use requirements, 1623RD
28	102004100015	1	Decal-General safety
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101016100031	1	Decal-Main power switch
35	104009100022	1	Decal-Hydraulic oil
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	216060000004	2	Attention line, 50mm wide

8.6 DECALS(ANSI)



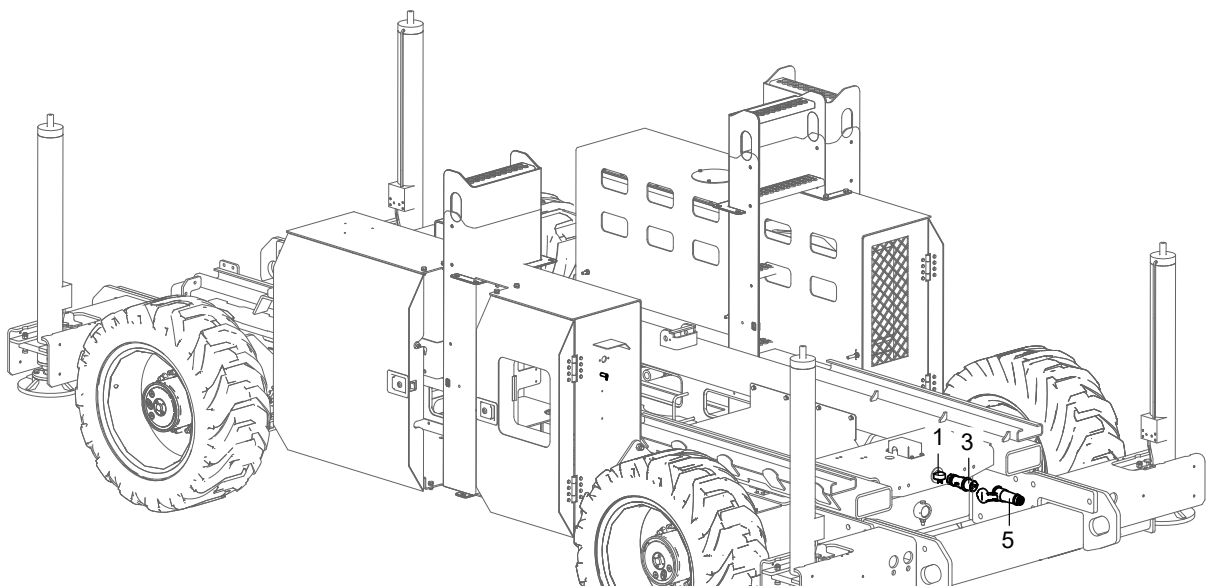
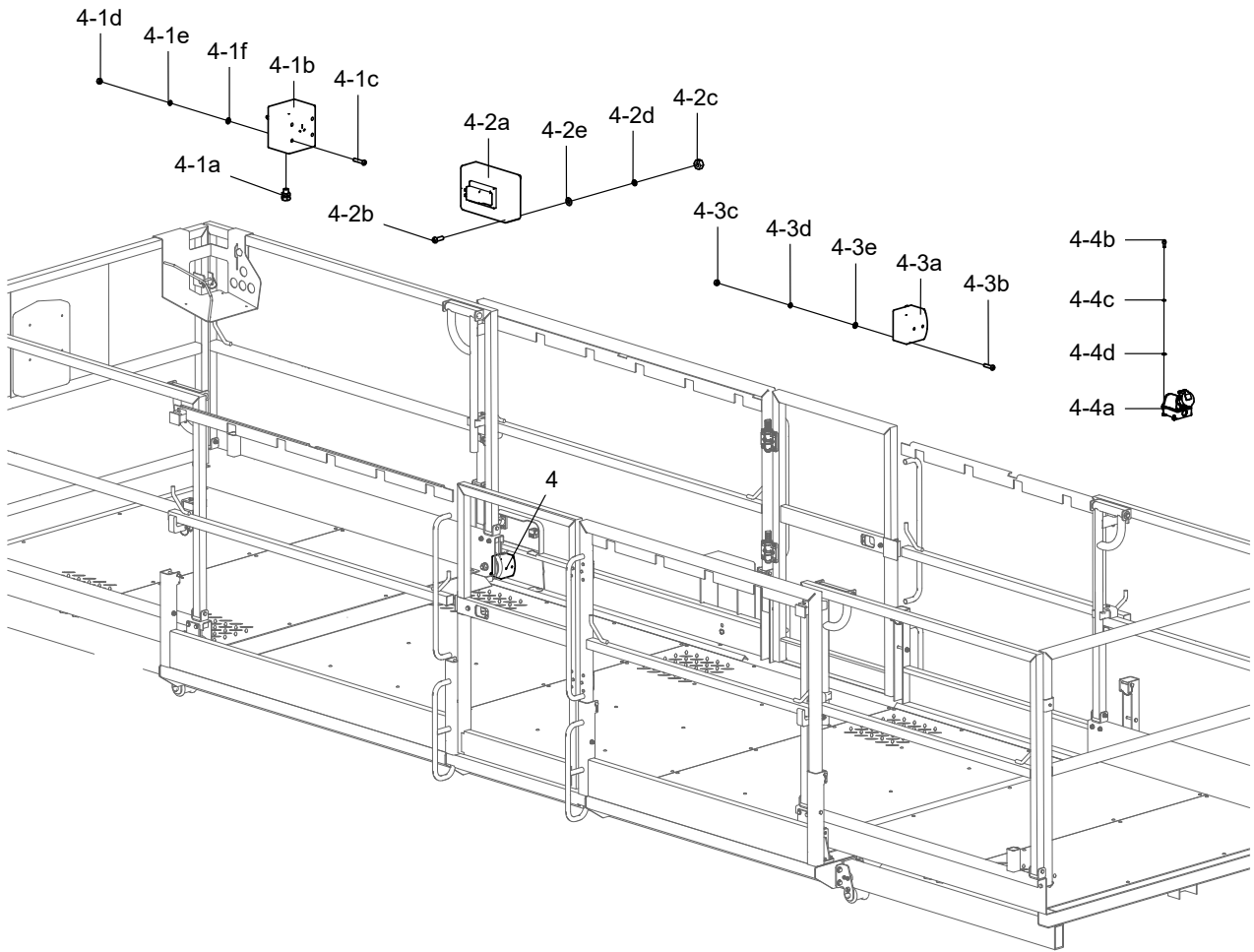
No.	Part No.	Qty.	Description
	102006103008	1	Decals (ANSI)-1323RD
	102001103006	1	Decals (ANSI)-1623RD
1	101048103025	2	LOGO-SINOBOOM
2-1	102006103001	2	Decal-Use requirements, 1323RD
2-2	102001103011	2	Decal-Use requirements, 1623RD
3	101012100009	2	Decal
4	104009100021	1	Decal-Diesel fuels
5	101012100018	4	Decal-Crush hazard
6	101012100029	3	Decal-Crush hazard
7	101012100030	2	Decal-Bulkhead overhaul
8	101040103013	3	Decal-Electrocution hazard
9	102004100003	2	Decal-Burn hazard
10	102013103007	4	Decal-Outrigger load 2426kg
11	102001100003	4	Decal-Crush hazard
12	102013103006	4	Decal-Wheel load 3900kg
13	102001103016	2	Decal-LOGO, white
14	101012100012	1	Decal-High Pressure Hazard
15-1	102012103001	2	Decal-4389RD
15-2	102013103005	2	Decal-5389RD
16	101012100001	1	Decal-No fire
17	102001103004	1	Nameplate-ANSI
18	215050000012	4	Blind rivet 4×8-ZnD GB/T 12618.2
19	102004100022	1	Decal-Tipping hazard
20	101012100027	2	Decal-Read manuals
21	102006100011	2	Decal-4WD
22	102004100007	1	Decal-Explosion hazard
23	101055103015	1	Decal-Emergency stop switch
24	102001100001	1	Decal-Crush hazard
25	102001103008	1	Decal-Tipping hazard
26	101012100007	1	Decal-Tipping hazard
27-1	102006103000	1	Decal-Use requirements, 1323RD
27-2	102001103010	1	Decal-Use requirements, 1623RD
28	101012100019	1	Decal-Tipping hazard
29	102004100008	2	Decal-Tiedown point
30	101014100020	4	Decal-Lifting points
31	101014100021	4	Decal-Tiedown point
32	101014100026	1	Decal-Safety arm

No.	Part No.	Qty.	Description
33	101016100030	16	Decal-Lanyard anchorage points
34	101016100031	1	Decal-Main power switch
35	104009100022	1	Decal-Hydraulic oil
36	104011100003	2	Decal-Hydraulic oil level
37	104011100010	2	Decal-Hydraulic oil level
38	101040103015	1	Decal-Annual inspection
39	216060000004	2	Attention line, 50mm wide
40	500000060001	1	SINOBOOM Painting Code

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9 SPECIAL OPTIONS

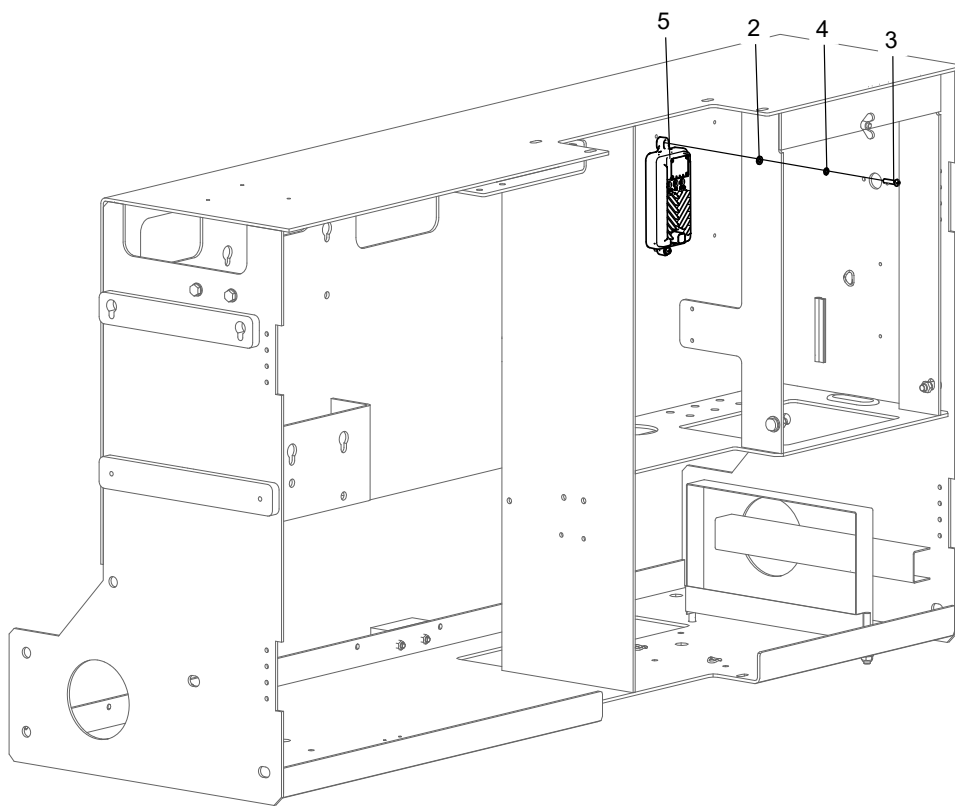
9.1 EXTERNAL POWER INSTALLATION



No.	Part No.	Qty.	Description
1	101055063028		Electrical plug options
1-1	203080000537	1	Electrical plug(Type M,Macao specs)
1-2	203080000534	1	Electrical plug(Type B, American and South American specs)
1-3	203080000539	1	Electrical plug (Type J, Swiss specs)
1-4	203080003043	1	Electrical plug (Type L, South American specs)
1-5	203080000530	1	Electrical plug(Type I, China and Australian specs)
1-6	203080000532	1	Electrical plug(Type G,HongKong and Middle East specs)
1-7	203080000538	1	Electrical plug(ype E+F , European and Brazilian specs)
2	115006063031		Options, AC power harness(Not shown)
2-1	115006063029	1	AC power harness(EN)
2-2	115006063030	1	AC power harness(USS)
2-3	115006063035	1	AC power harness(GB)
3	116003063047	1	Electrical plug options
3-1	203080000470	1	Plug, USS
3-2	203080000303	1	Electrical plug(220V)
3-2	203080000381	1	Electrical plug(110V)
4	101048063022		Waterproof socket options
4-1	101048063020	1	Waterproof Socket Installation (GB)
4-1a	201990003005	1	Connector, waterproof, nylon
4-1b	203080000301	1	Socket, waterproof
4-1c	215020000113	4	Screw M5×25-A2-70 GB/T 818
4-1d	215030000003	4	Nut M5-A2-70 GB/T 6170
4-1e	215040000003	4	Washer 5-A2-70 GB/T 93
4-1f	215040000032	4	Washer 5-A2 GB/T 97.1
4-2	101048063021	1	Waterproof Socket Installation (USS)
4-2a	203080000472	1	Box, receptacle
4-2b	215020000105	4	Screw M4×12-A2-70 GB/T 818
4-2c	215030000004	4	Nut M6-A2-70 GB/T 6170
4-2d	215040000002	4	Washer 4-A2-70 GB/T 93
4-2e	215040000031	4	Washer 4-A2 GB/T 97.1
4-3	101048063018	1	Waterproof Socket Installation (EN)
4-3a	203080000278	1	Socket, waterproof
4-3b	215020000112	2	Screw M5×20-A2-70 GB/T 818
4-3c	215030000003	2	Nut M5-A2-70 GB/T 6170
4-3d	215040000003	2	Washer 5-A2-70 GB/T 93
4-3e	215040000032	2	Washer 5-A2 GB/T 97.1

No.	Part No.	Qty.	Description
4-4	115006063084	1	Waterproof Socket Installation (UK)
4-4a	203080000385	1	Socket,waterproof
4-4b	215020000006	4	Screw M5×12-A2-70 GB/T 70.1
4-4c	215040000003	4	Washer 5-A2-70 GB/T 93
4-4d	215040000032	5	Washer 5-A2 GB/T 97.1
5	203080000300	1	Industrial connector

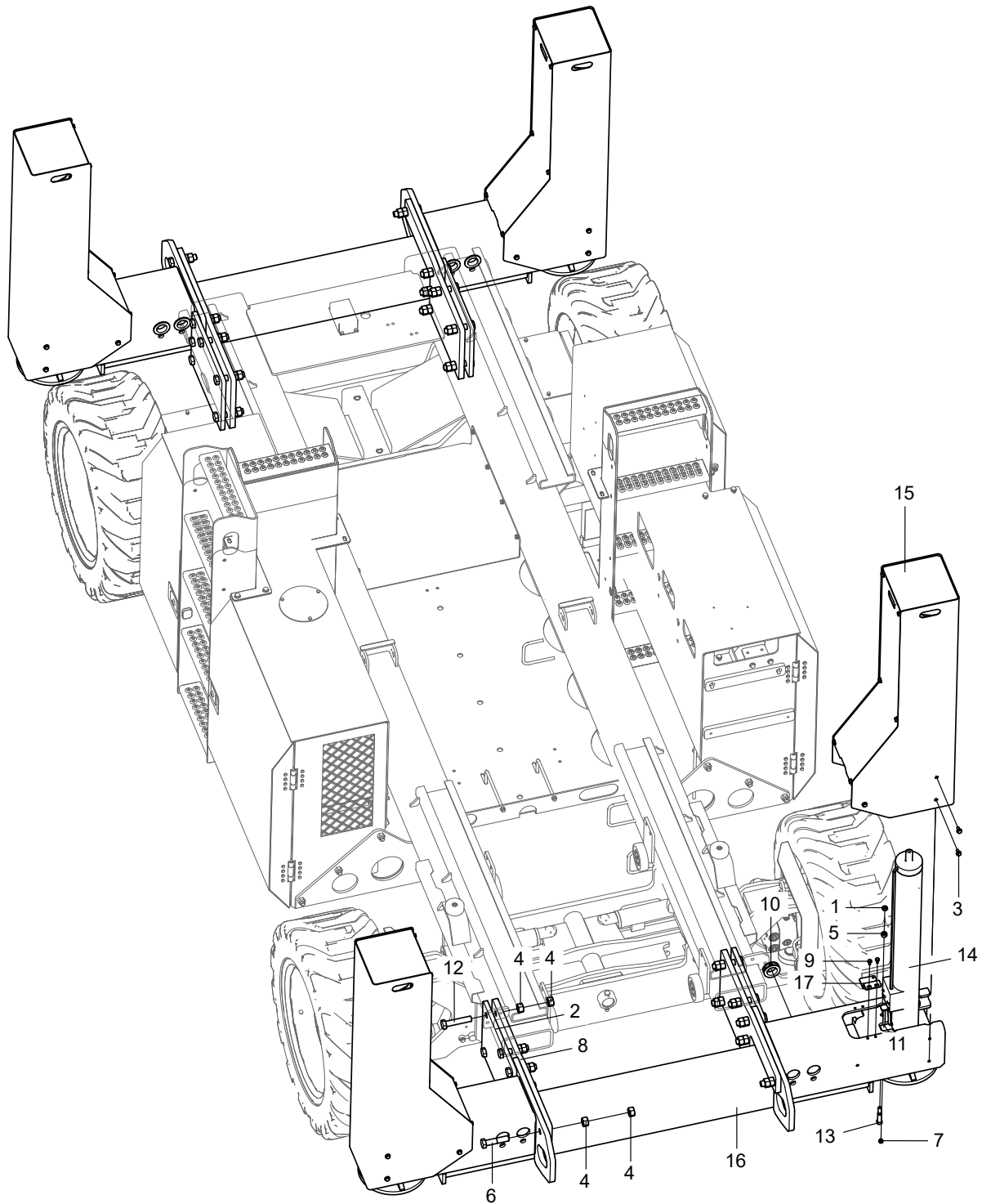
9.2 GPS INSTALLATION



SPECIAL OPTIONS

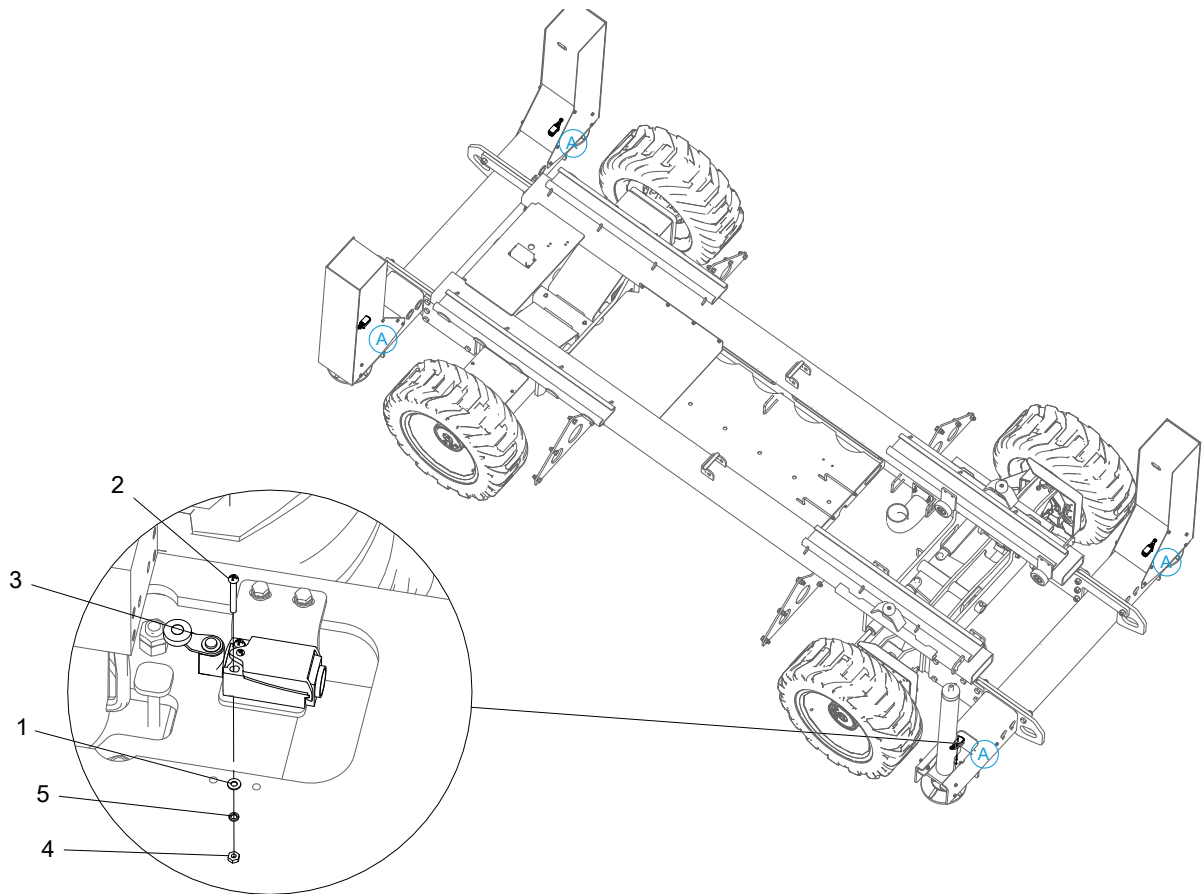
No.	Part No.	Qty.	Description
1	203150003022	1	GPS/LTE antenna(Not Shown)
2	215040000033	2	Washer 6-A2 GB/T 97.1
3	215020000118	2	Screw M6×25-A2-70 GB/T 818
4	215040000004	2	Washer 6-A2-70 GB/T 93
5	203150003021	1	GPS module (4G)

9.3 OUTRIGGER INSTALLATION



No.	Part No.	Qty.	Description
1	215030000018	16	Nut M12-8-ZnD GB/T 6172.1
2	102001030038	4	Connecting plate
3	215010000286	24	Bolt M8×16-8.8-ZnD GB/T 5789
4	215030000012	56	Nut M20-8-ZnD GB/T 6170
5	215030000008	16	Nut M12-8-ZnD GB/T 6170
6	215010000207	4	Bolt M20×90-10.9-DKL GB/T 5782
7	215030000026	4	Nut M8-8-ZnD GB/T889.1
8	102001030041	4	Connecting plate
9	215010000230	8	Bolt M6×16-8.8-ZnD GB/T 5789
10	102004030245	8	Rubber grommet
11	102001030200	4	Rod, detection
12	215010000206	24	Bolt M20×100-10.9-DKL GB/T 5782
13	102001030046	16	Screw, self-build
14	102001050001	4	Outrigger cylinder(C)
14a	207990003176	1	Seal kit, cylinder
15	115006033853	4	Guard, outrigger
16	102001030043	2	Weldment, front outrigger
17	102001030248	4	Plate, bending

9.4 OUTRIGGER ELECTRICAL COMPONENTS INSTALLATION



No.	Part No.	Qty.	Description
1	215040000031	8	Washer 4-A2 GB/T 97.1
2	215020000212	8	Screw M4×35-A2-70 GB/T 818
3	203060003036	4	Travel switch
4	215030000002	8	Nut M4-8-A2-70 GB/T 6170
5	215040000002	8	Washer 4-A2-70 GB/T 93

Always for Better Access Solutions



Hunan Sinoboom Intelligent Equipment Co., Ltd.

No.128, East Jinzhou Avenue, Ningxiang High-tech Industrial Park, Changsha, Hunan, China

☎ 0086-0731-87116222 (Sales) & 0086-0731-87116333 (Service)

✉ sales@sinoboom.com

🏠 www.sinoboom.com

North American Subsidiary

Sinoboom North American LLC

310 Mason Creek Drive
unit #100
Katy, TX 77450, US
Tel: (281) 729-5425
E-mail: info@sinoboom.us

Europe Subsidiary

Sinoboom B.V.

Nikkelstraat 26, NL-2984 AM Ridderkerk,
The Netherlands
Tel: +31 180 225 666
E-mail: info@sinoboom.eu

Korea Subsidiary

Sinoboom Korea Co., Ltd.

95, Docheong-ro, Yeongtong-gu, Suwon-
si, Gyeonggi-do, Republic of Korea
Tel: 010-8310-8026
E-mail: ka1@sinoboom.com

Australia Subsidiary

Sinoboom Intelligent Equipment Pty Ltd.

50/358 Clarendon St, South Melbourne
VIC 3205, Australia
E-mail: au@sinoboom.com

Singapore Subsidiary

Star Access Solutions Pte. Ltd.

112 Robinson Road #03-01 Robinson 112
Singapore 068902

Poland Subsidiary

Sinoboom Poland sp. z o.o.

Ul. Bolesława Krzywoustego 74A
61-144 Poznań, Poland