

SWIFT PML08

Powered Material Lift PARTS MANUAL

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Proud Member of:

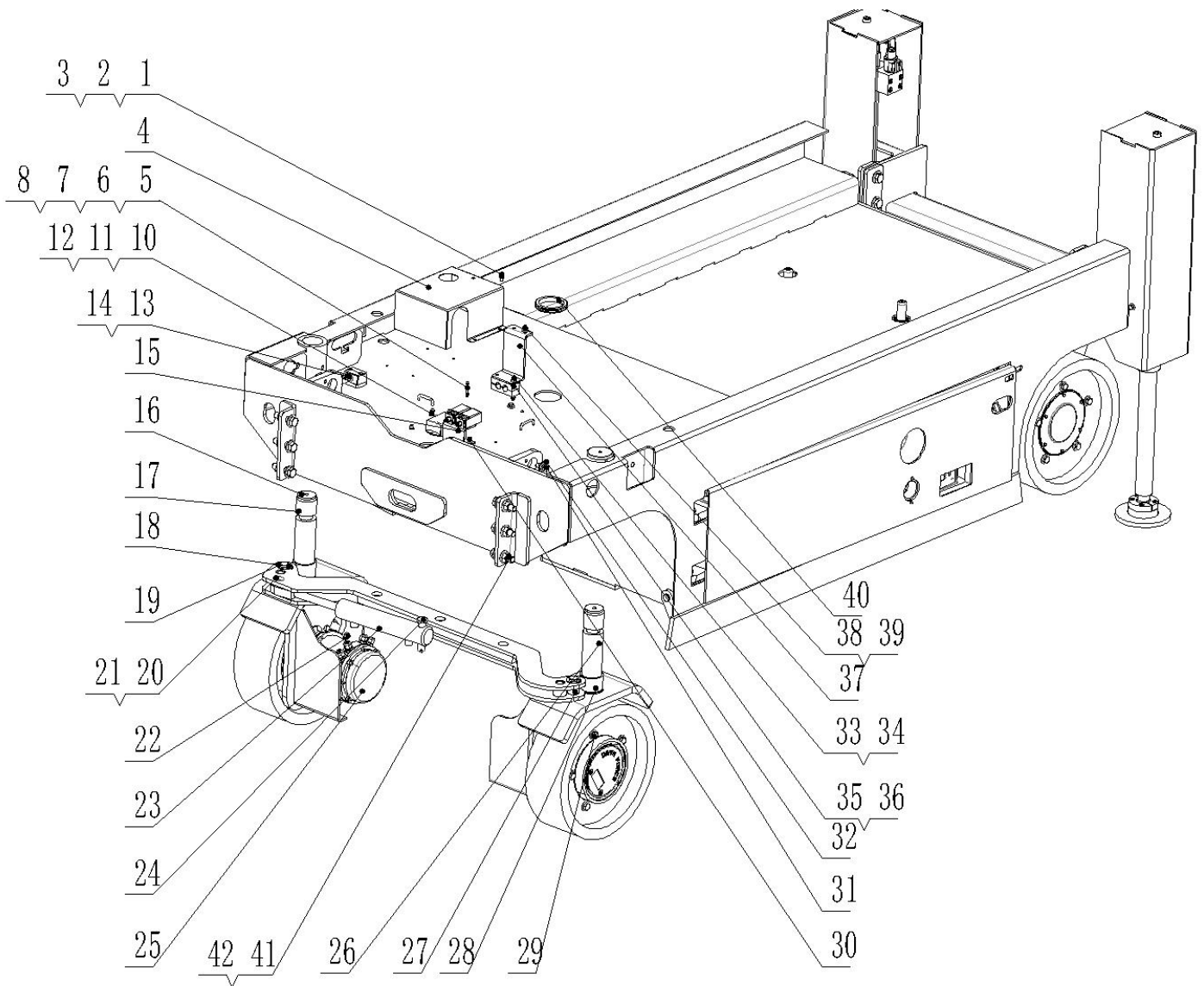


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100 Drive Chassis Components

100.1 Steer Linkage and Wheels

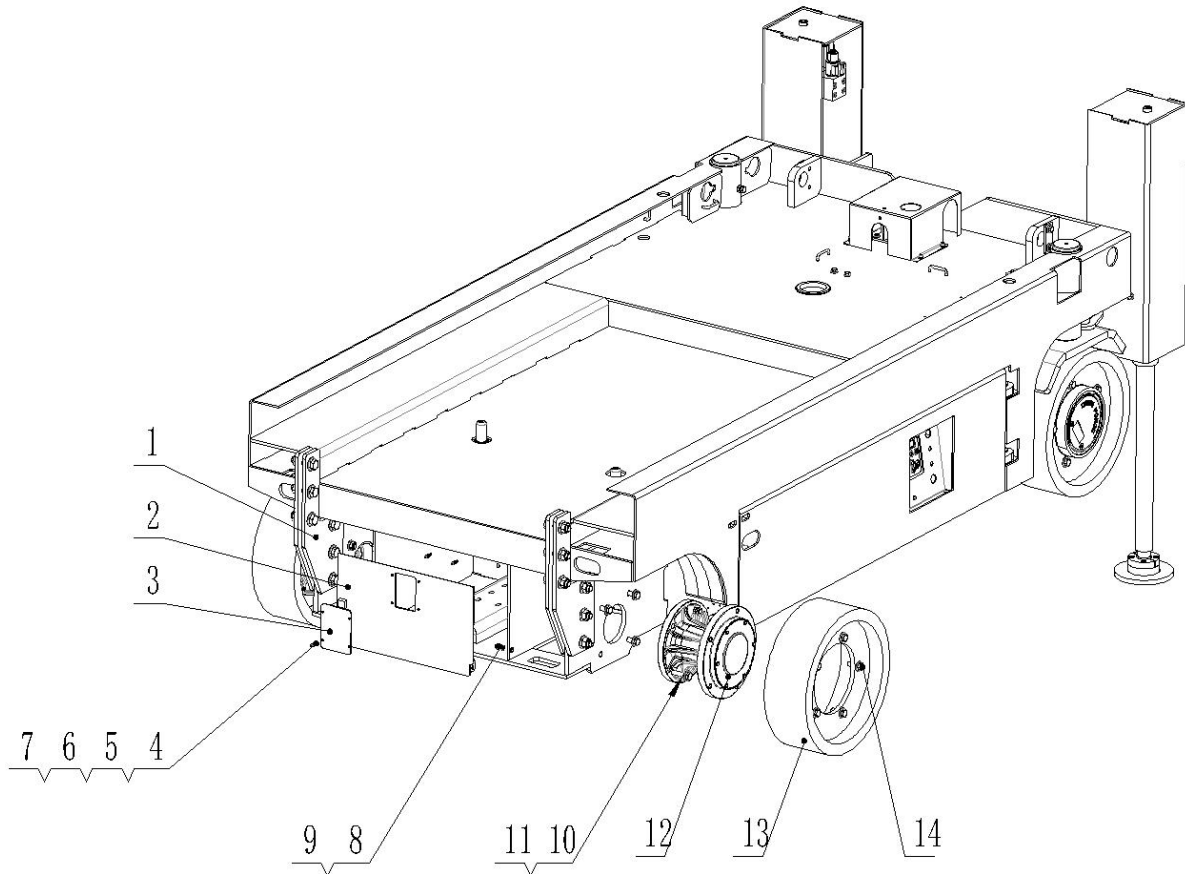


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80810060	GB/T 93,WASHER 6	4
2	80810065	GB/T97.1,WASHER 6	4
3	80810111	GB/T 70.1,SCREW,M6×12	4
4	80210335	WELDMENT,LIMIT SWITCH COVER	1
5	80810058	GB/T 93,WASHER 4	4
6	80810063	GB/T97.1,WASHER 4	4
7	80810097	GB/T 889.1,NUT,M4	4
8	80810120	GB/T 70.1,SCREW,M4×40	4
10	80810059	GB/T 93,WASHER 5	2
11	80810064	GB/T97.1,WASHER 5	2
12	80810134	GB/T 70.1,SCREW,M5×12	2
13	80810025	GB/T 6170,NUT 10	2
14	80810133	GB/T5783,BOLT,M10×30	2
15	80210314	WELDMENT,LIMIT SWITCH BRACKET	1
16	80310024	BEARING,10ID×50OD	2
17	80210327	WELDMENT, STEER YOKE, RIGHT	1
18	80230112	PLATE,STEER WASHER	2
19	80810016	GB/T 91,PIN, COTTER, 4×40	3
20	80270049	PIN,D25	1
21	80810054	GB/T 894,20,RETAINING RING	1
22	80810135	BOLT,3/8-16UNC×1.25	12
23	80610030	STEER CYLINDER	1
24	80270051	PIN,D30	1
25	80510086	DRIVE MOTOR	2
26	80210328	WELDMENT, STEER YOKE, LEFT	1
27	80310020	BEARING,25ID×30OD	2
28	80310021	BEARING,55ID×63OD	2
29	80810075	GB/T 5789,BOLT,M12×30×1.5	10
30	80810143	GB/T 5789,BOLT,M6×10	2
31	80230583	PLATE, PIN RETAINING	2
32	80810124	GB/T 5789,BOLT,M10×25	4
33	80810055	GB/T 6177.1,NUT,M6	2
34	80810125	GB/T 5789,BOLT,M6×55	2
35	80230584	PLATE,HOSE CLAMP	1
36	80320055	HOSE CLAMP	1
37	80220566	FORMING,HOSE CLAMP BRACKET	1
38	80810033	GB/T 5789,BOLT,M8×25	2
39	80810057	GB/T 6177.1,NUT,M8	2
40	80330003	GROMMET	1
41	80810113	GB/T 6177.1,NUT,M16	18
42	80810128	GB/T 5789,BOLT,M16×55	18

100 Drive Chassis Components

100.2 Non-Steer Axle Installation

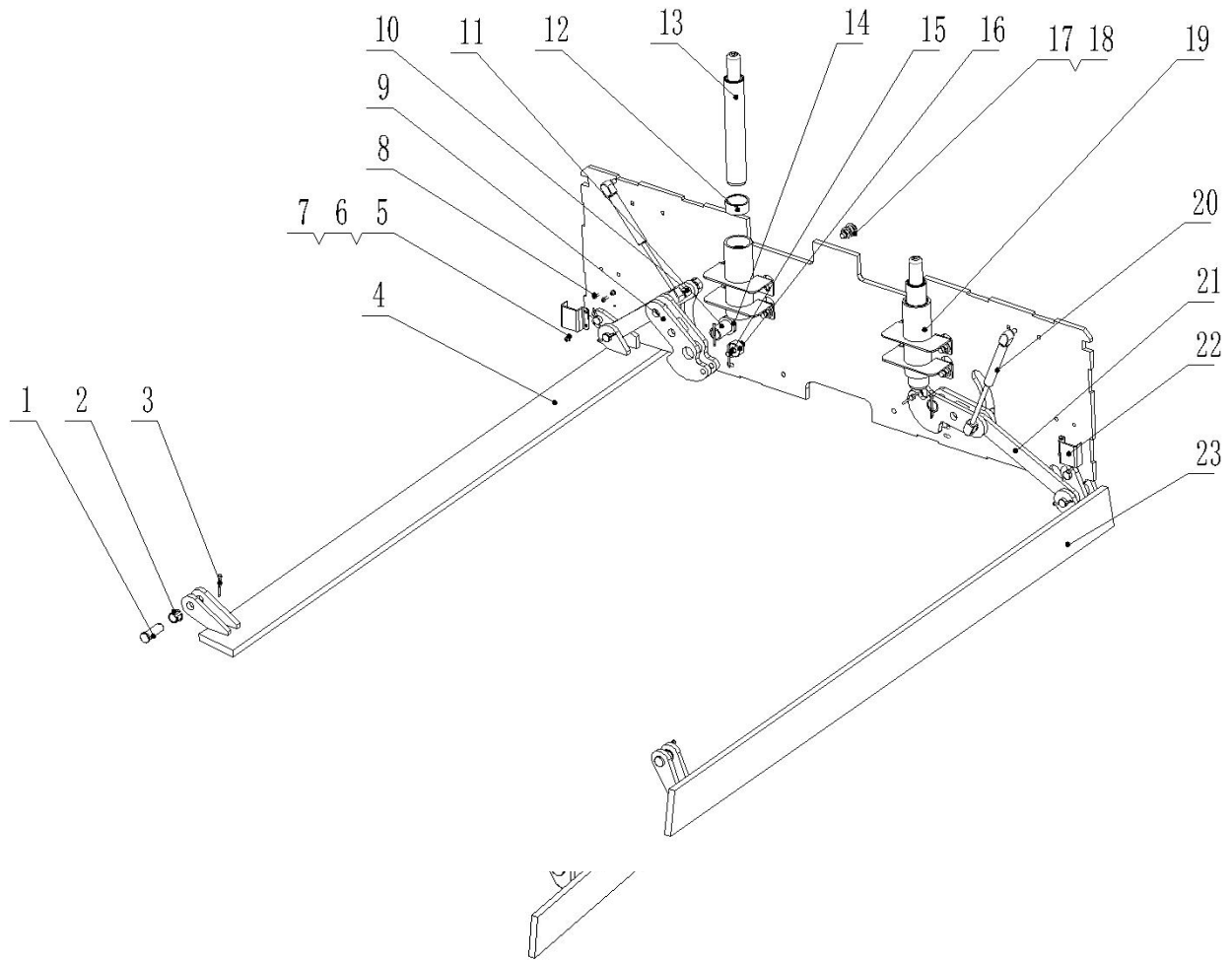


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80230633	PLATE,OUTRIGGER ATTACHMENT	4
2	80210398	WELDMENT, GATE	1
3	80840019	LATCH	1
4	80810058	GB/T 93,WASHER 4	4
5	80810063	GB/T97.1,WASHER 4	4
6	80810097	GB/T 889.1,NUT,M4	4
7	80810131	GB/T 70.1,SCREW,M4×20	4
8	80270068	PIN,D12	2
9	80810055	GB/T 6177.1,NUT,M6	2
10	80810078	GB/T 5789,BOLT,M12×45	8
11	80810079	GB/T 6177.1,NUT,M12	8
12	80840012	SPINDLE	2
13	80350007	TIRE,NON-MARKING,381×127	2
14	80810075	GB/T 5789,BOLT,M12×30×1.5	10

100 Drive Chassis Components

100.3 Pothole Protection Assembly

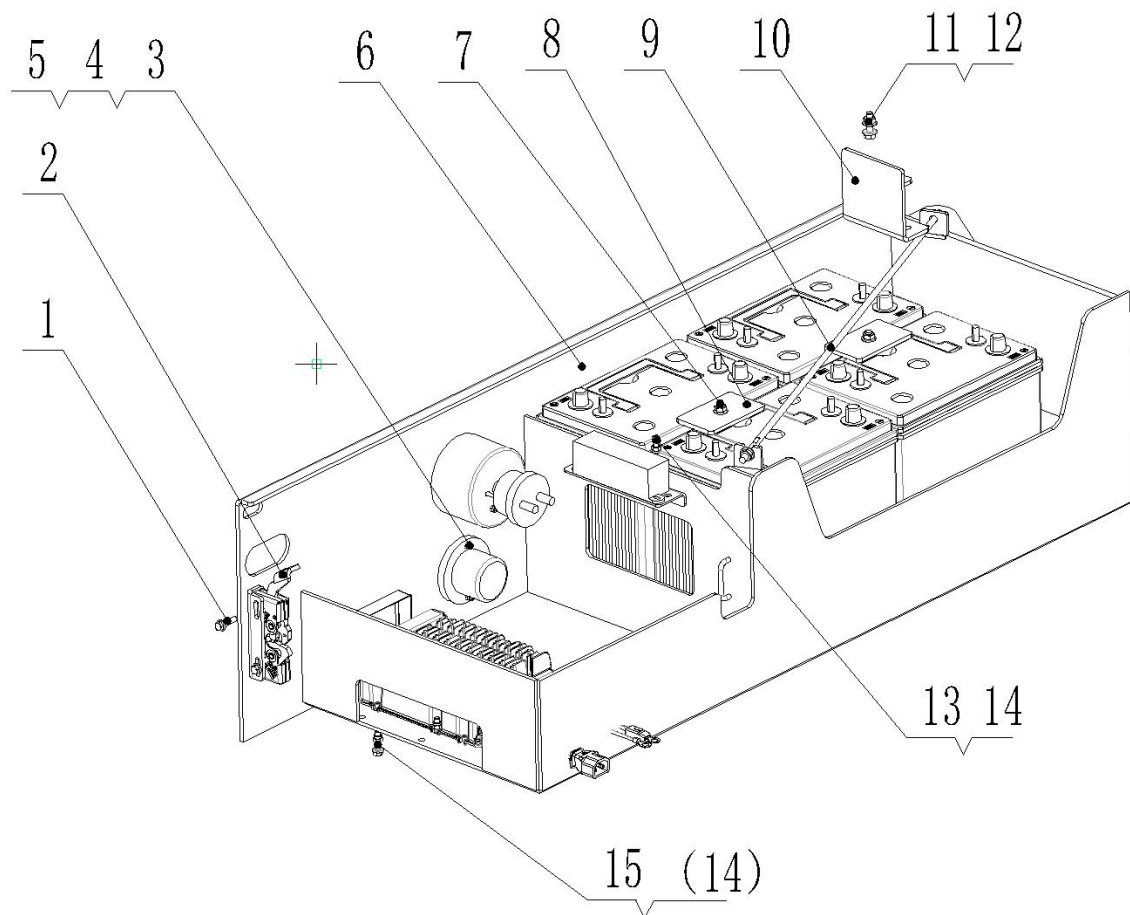


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80270046	PIN,D20	6
2	80310011	BEARING,16ID×19OD	4
3	80810016	GB/T 91,PIN, COTTER, 4×40	10
4	80210330	WELDMENT, POTHOLE GUARD, RIGHT	1
5	80810058	GB/T 93,WASHER 4	4
6	80810063	GB/T97.1,WASHER 4	4
7	80810136	GB/T 70.1,SCREW,M4×12	4
8	80810131	GB/T 70.1,SCREW,M4×20	4
9	80210028	WLDMT, POT HOLE BELLCRANK LINK	2
10	80270048	PIN,D16	2
11	80310009	BEARING,20ID×25OD	2
12	80310019	BEARING,38.1ID×44.45OD	4
13	80200002	ASSY,POT HOLE PUSHER	2
14	80320067	WASHER,BELLCRANK LINK	2
15	80270137	PIN,D12	2
16	80320066	CAM FOLLOWER	2
17	80810132	GB/T 794,BOLT,M10×30	8
18	80810080	GB/T 6177.1,NUT,M10	8
19	80210332	WLDMT, POT HOLE GUIDE	2
20	80840015	GAS STRUT	2
21	80230617	PLATE,POTHOLE LINK	2
22	80220137	FORMING,SWITCH COVER	2
23	80210331	WELDMENT, POTHOLE GUARD, LEFT	1

100 Drive Chassis Components

100.4 Battery Pack Module

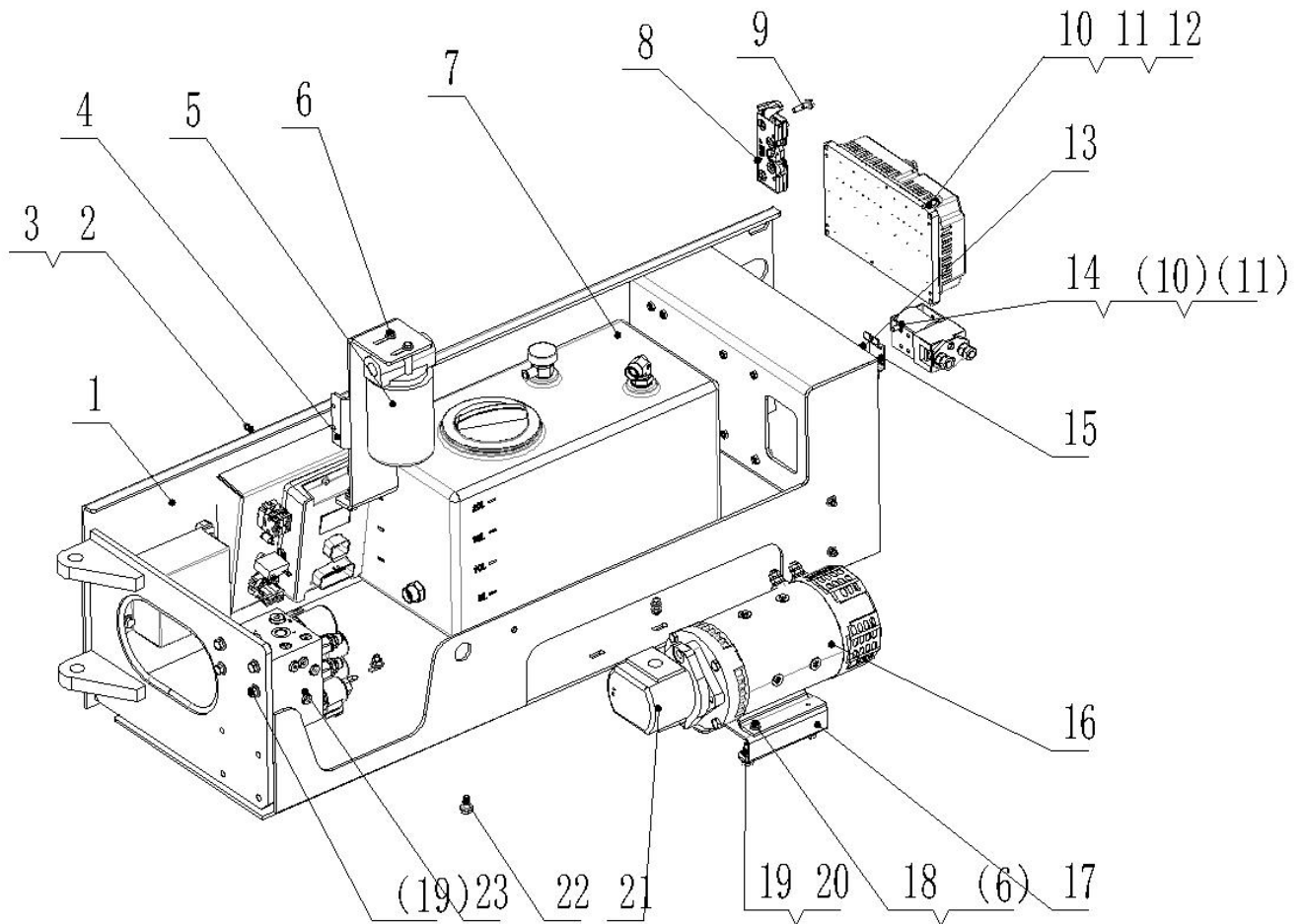


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80810045	GB/T 5789,BOLT,M6×25	2
2	80840014	LATCH	1
3	80810063	GB/T97.1,WASHER 4	2
4	80810097	GB/T 889.1,NUT,M4	4
5	80810145	GB/T 70.1,SCREW,M4×25	4
6	80210333	WELDMENT,BATTERY TRAY	1
7	80280046	THREADED ROD	2
8	80230652	PALTE,BATTERY	2
9	80280049	THREADED ROD	1
10	80220676	FORMING,BATT FIX PALTE	2
11	80810033	GB/T5789,BOLT,M8×25	4
12	80810057	GB/T 6177.1,NUT,M8	8
13	80810093	GB/T70.1,BOLT,M6×16	2
14	80810029	GB/T 889.1,NUT,M6	6
15	80810045	GB/T5789,BOLT,M6×25	4

100 Drive Chassis Components

100.5 Power Unit Module

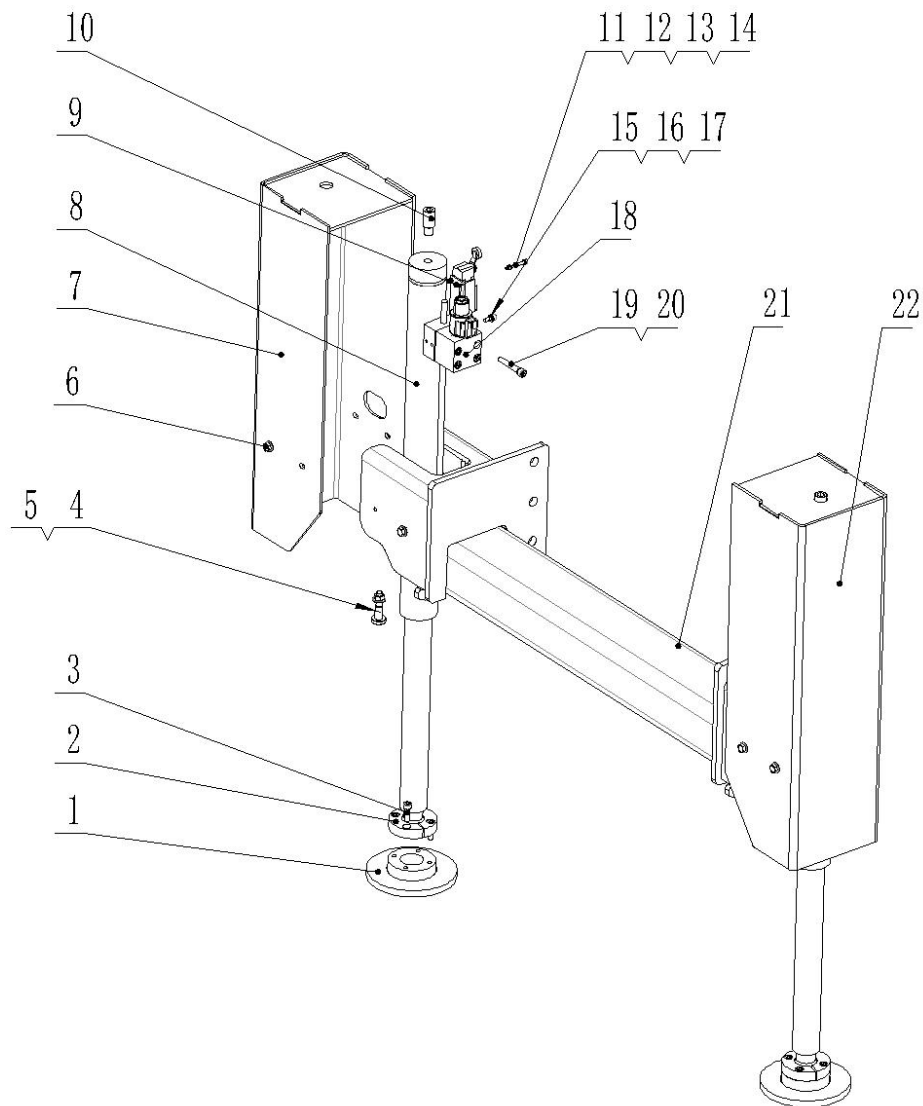


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80210334	WELDMENT, HYDRAULIC TRAY	1
2	80810063	GB/T97.1,WASHER 4	2
3	80810145	GB/T 70.1,SCREW,M4×25	2
4	80220674	FORMING,FILTER BRACKET	1
5	80610039	FILTER	1
6	80810084	GB/T5789,BOLT,M6×16	6
7	80610039	HYDRAULIC TANK	1
8	80840013	LATCH	1
9	80810045	GB/T 5789,BOLT,M6×25	2
10	80810060	GB/T 93,WASHER 6	6
11	80810065	GB/T97.1,WASHER 6	6
12	80810122	GB/T 70.1,SCREW,M6×25	4
13	80810144	GB/T 818,SCREW,M5×6	4
14	80810111	GB/T 70.1,SCREW,M6×12	2
15	80220048	FORMING,CONTACTOR BRACKET	1
16	80610034	MOTOR	1
17	80220675	FORMING,MOTOR BRACKET	1
18	80810055	GB/T 6177.1,NUT,M6	4
19	80810033	GB/T 5789,BOLT,M8×25	10
20	80810057	GB/T 6177.1,NUT,M8	6
21	80610035	PUMP	1
22	80810077	GB/T 5789,BOLT,M8×16	4
23	80610042	MAIN MANIFOLD	1

100 Drive Chassis Components

100.6 Outrigger Assembly

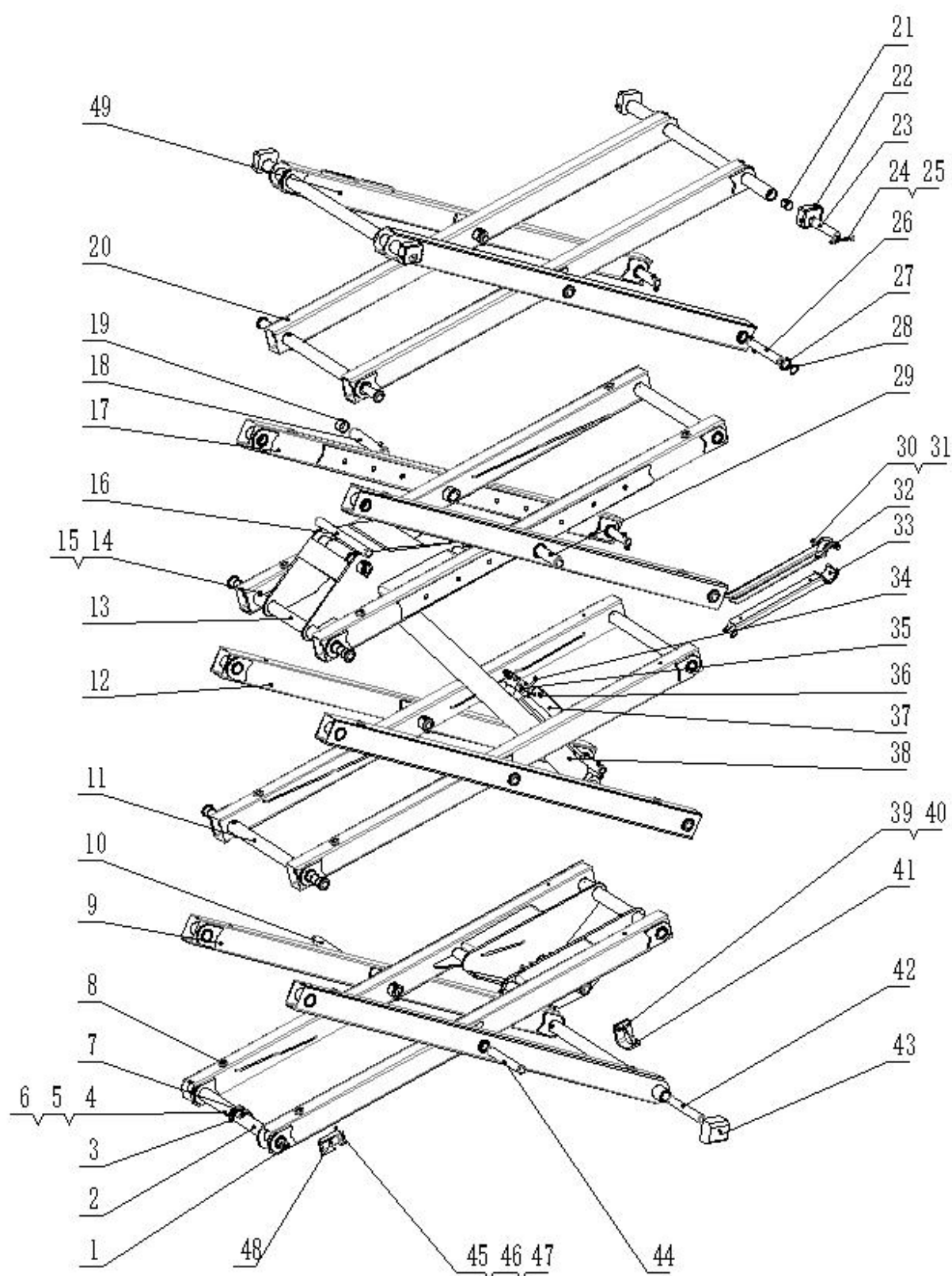


100 Drive Chassis Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80230726	PLATE,OUTRIGGER FOOTPAD	4
2	80230308	BPLATE,OUTRIGGER FOOTPAD 2	8
3	80810069	GB/T 70.1,SCREW,M8×25	16
4	80270055	PIN,D24	16
5	80810080	GB/T 6177.1,NUT,M10	16
6	80810077	GB/T 5789,BOLT,M8×16	16
7	80210348	WLDMT,OUTRIGGER COVER 1	2
8	80610033	OUTRIGGER CYLINDER	4
9	80220434	FORMING,SWITCH BRACKET	4
10	80270027	PIN,D20	4
11	80810058	GB/T 93,WASHER 4	8
12	80810063	GB/T97.1,WASHER 4	8
13	80810097	GB/T 889.1,NUT,M4	8
14	80810120	GB/T 70.1,SCREW,M4×40	8
15	80810060	GB/T 93,WASHER 6	8
16	80810065	GB/T97.1,WASHER 6	8
17	80810093	GB/T 70.1,SCREW,M6×16	8
18	80610005	OUTRIGGER CONTROL VAVLE	4
19	80810061	GB/T 93,WASHER 8	16
20	80810094	GB/T 70.1,SCREW,M8×55	16
21	80210347	WLDMT,OUTRIGGER	2
22	80210399	WLDMT,OUTRIGGER COVER 2	2

200 Scissor Components

200.1 Scissor Assembly



200 Scissor Components

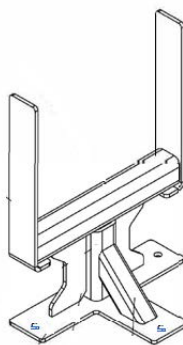
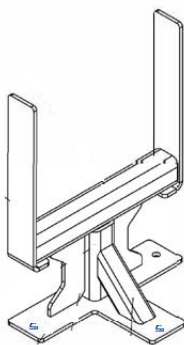
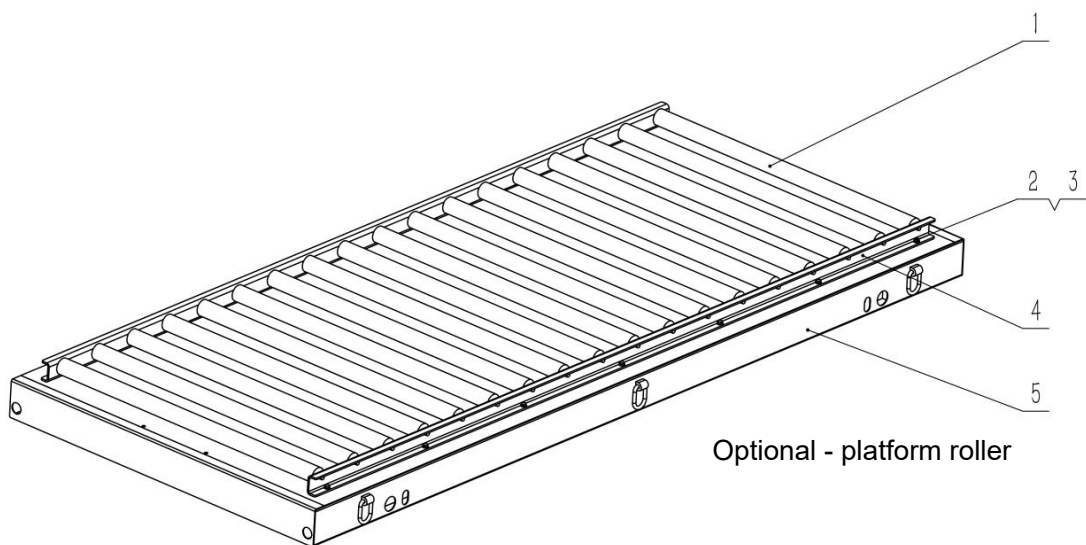
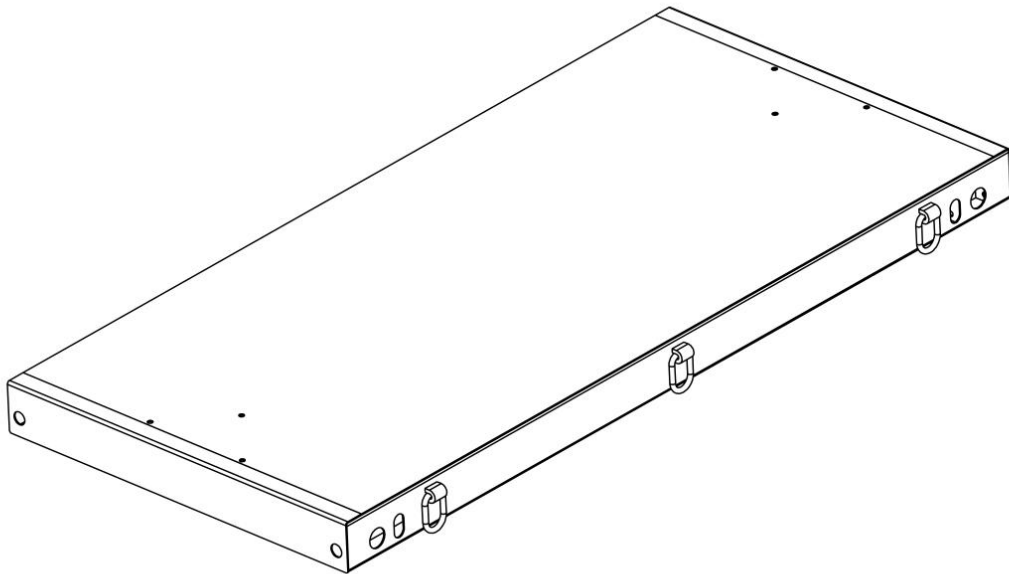
Item	Part No.	Description	Qty.
1	80270123	PIN,D38.1	2
2	80210336	WLDMT,LNK,INNER #1	1
3	80320061	NYLON BLOCK, LOWER LIMIT SWITCH	1
4	80810058	GB/T 93,WASHER 4	4
5	80810063	GB/T97.1,WASHER 4	4
6	80810131	GB/T 70.1,SCREW,M4×20	4
7	80320060	NYLON BLOCK, UPPER LIMIT SWITCH	1
8	80330002	BUMPER,LINK	24
9	80210337	WLDMT,LNK,OUTER #1	1
10	80270125	PIN,D38.1	2
11	80210338	WLDMT,LNK,INNER #2	1
12	80210339	WLDMT,LNK,OUTER #2	2
13	80210340	WLDMT,LNK,INNER #3	1
14	80810024	GB/T 889.1,NUT,M10	24
15	80810126	GB/T 5782,BOLT,M10×75	24
16	80270128	PIN,D38.1	2
17	80210341	WLDMT,LNK,OUTER #3	2
18	80270127	PIN,D44.45	1
19	80310022	BEARING,44.45ID×50.8OD	4
20	80210342	WLDMT,LNK,INNER #4	1
21	80310001	BEARING,38.1ID×44.45OD	42
22	80320057	SLIDER,PLATFORM	4
23	80270129	PIN,D38.1	4
24	80810057	GB/T 6177.1,NUT,M8	4
25	80810139	GB/T 5789,BOLT,M8×120	4
26	80270124	PIN,D38.1	16
27	80230651	WASHER,SHIM	23
28	80810138	SNAP RING,EXTERNAL	23
29	80270126	PIN,D38.1	1
30	80810035	GB/T 5789,BOLT,M8×20	2
32	80220567	SAFETY ARM	2
33	80320062	SLEEVE,SAFETY ARM	2
34	80810094	GB/T 70.1,SCREW,M8×55	4
35	80610041	LIFT CYLINDER CONTROL VAVLE	1
36	80810077	GB/T 5789,BOLT,M8×16	2
37	80220132	FORMING,CONTROL VAVLE PLATE	1
38	80610032	LIFT CYLINDER	1
39	80810009	GB/T 5789,BOLT,M10×35	4
40	80810080	GB/T 6177.1,NUT,M10	4
41	80210344	WLDMT,	2
42	80270130	PIN,D38.1	2
43	80320058	SLIDER,CHASSIS	2
45	80810059	GB/T 93,WASHER 5	6
46	80810064	GB/T97.1,WASHER 5	6

200 Scissor Components

47	80810134	GB/T 70.1,SCREW,M5×12	6
48	80220091	FORMING,SITCH COVER	1
49	80210342	WLDMT,LNK,OUTER #4	1

300 Platform Components

300.1 Platform Assembly

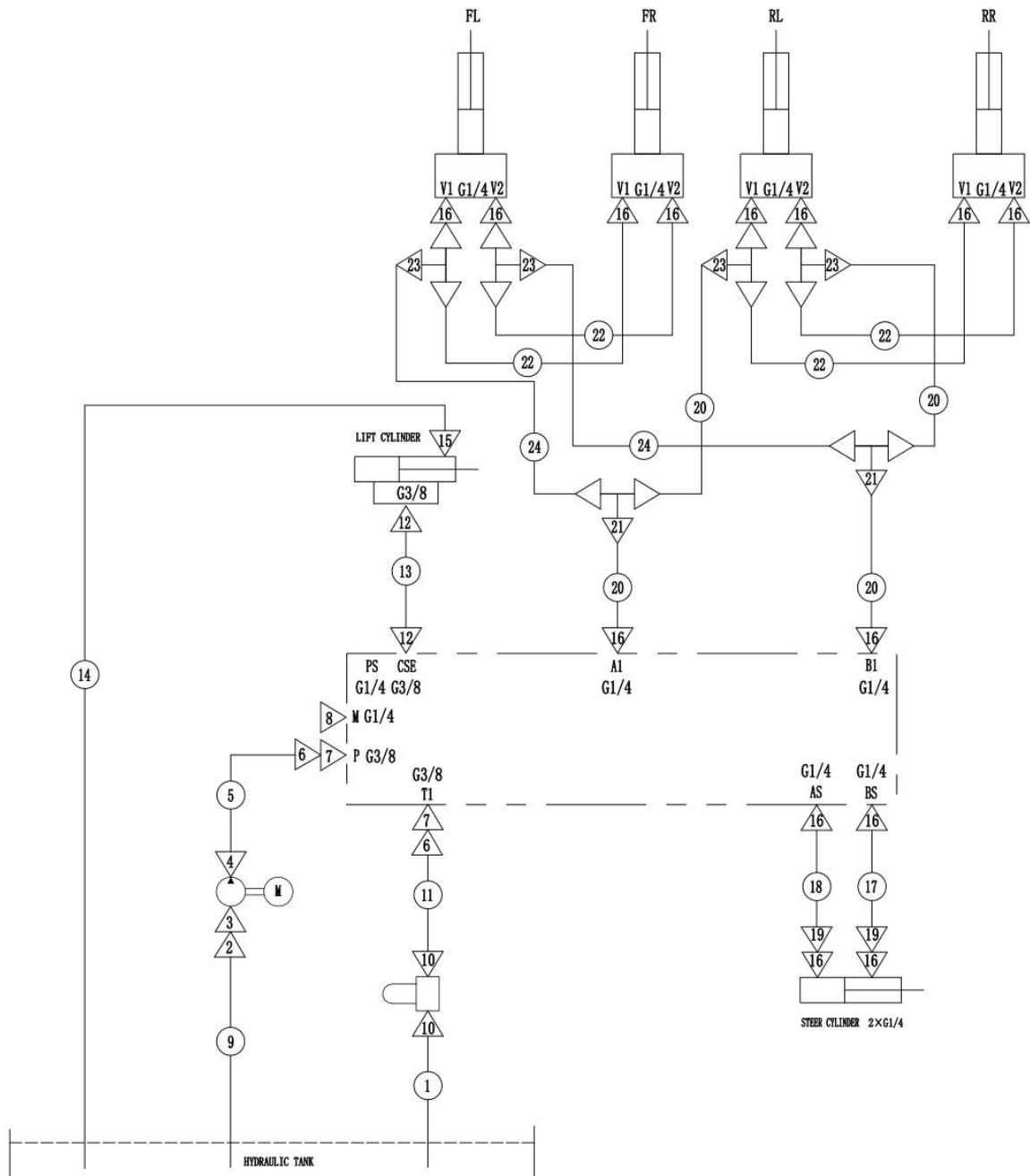


Optional - Pipe rack attachment set

300 Platform Components

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80840018	ROLLER,D50-L1000	18
2	80810035	GB/T 5789,BOLT,M8×20	14
3	80810057	GB/T 6177.1,NUT,M8	14
4	80220672	FORMING,ROLLER MTD PLATE	2
5	80210346	WELDMENT,LOAD PLATFORM	1

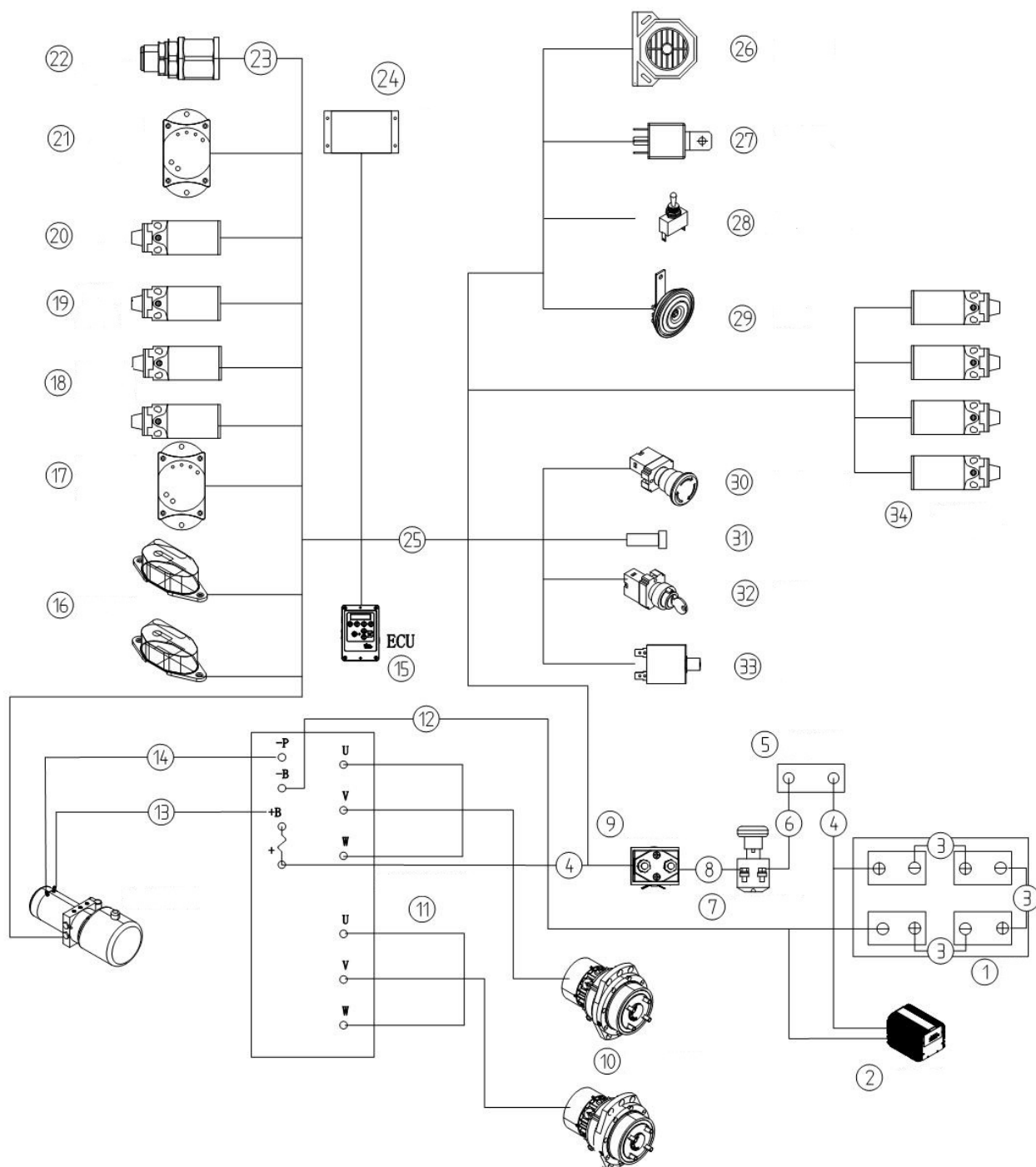
400.1 Hydraulic Hoses and Fittings



400 Hydraulic System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80610048	HOSE,T2501-0822/PL18-480	1
2	80610049	CONNECTOR,2C9-26	1
3	80610050	CONNECTOR,1CB-26-08WD	1
4	80610051	CONNECTOR,1CB-22-08WD	1
5	80610052	HOSE,T2520-0822/T2501-0822/T3608A-430	1
6	80610053	CONNECTOR,2C9-22	2
7	80610054	CONNECTOR,1CB-22-06WD	2
8	80610055	CONNECTOR,R1620-BP04	1
9	80610056	HOSE,T2501-1026/1SN10-650	1
10	80610057	CONNECTOR,1CB-22-12WD	2
11	80610058	HOSE,T2501-0822/PL18-190	1
12	80610059	CONNECTOR,1CB-18-06WD	2
13	80610060	HOSE,T2501-0618/T3006A-4250	1
14	80610061	HOSE,PU8×5-5450	2
15	80610062	CONNECTOR,PH8-02	1
16	80610010	CONNECTOR,1CB-14-04WD	14
17	80610063	HOSE,T2501-0414/T3004A-1140	1
18	80610064	HOSE,TT2501-0414/T3004A-1150	1
19	80610065	CONNECTOR,2C9-14	2
20	80610066	HOSE,20411-14-04+20491-14-04/1SN-04-1600	4
21	80610012	CONNECTOR,AC-14	2
22	80610067	HOSE,20411-14-04/1SN-04-2380	4
23	80610011	CONNECTOR,CC-14	4
24	80610068	HOSE,20411-14-04+20491-14-04/1SN-04-1850	2

500.1 Electrical Wiring Diagram



500 Electrical System

<i>Item</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty.</i>
1	80510083	BATTERY	4
2	80510084	CHARGER	1
3	80510053	HARNESS	3
4	80510053	HARNESS	2
5	80510012	FUSE	1
6	80510119	HARNESS	1
7	80510118	POWER SWITCH	1
8	80510094	HARNESS	1
9	80510019	CONTACTOR	1
11	80510085	MOTOR CONTROLLER	1
12	80510095	HARNESS	1
13	80510055	HARNESS	1
14	80510056	HARNESS	1
15	80510043	ECU	1
16	80510013	FLASH BEACON	2
17	80510017	TILT SWITCH	1
18	80510099	LIMIT SWITCH,POT HOLE	2
19	80510097	UPPER LIMIT SWITCH	1
20	80510098	LOWER LIMIT SWITCH	1
21	80510093	ANGLE SWITCH	1
22	80510018	PRESSURE SWITCH	1
23	80510025	HARNESS,LIFT CYLINDER	1
24	80510090	RECIEVER	1
25	80510096	MAIN HARNESS	1
26	80510088	BUZZER	1
27	80510007	RELAY	1
28	80510023	RELEASE TOGGLE SWITCH	1
29	80510116	HORN	1
30	80510005	EMERGENCY STOP SWITCH	1
31	80510120	OVER LOAD LIGHT	1
32	80510087	KEY SWICH	1
33	80510010	CIRCUIT BREAKER	1
34	80510015	LIMIT SWITCH,OUTRIGGER	4