

TZPJ0808HD

Scissor Lift Aerial Work Platform

Parts Manual

Model: TZPJ0808HD Scissor Lift Aerial Work Platform

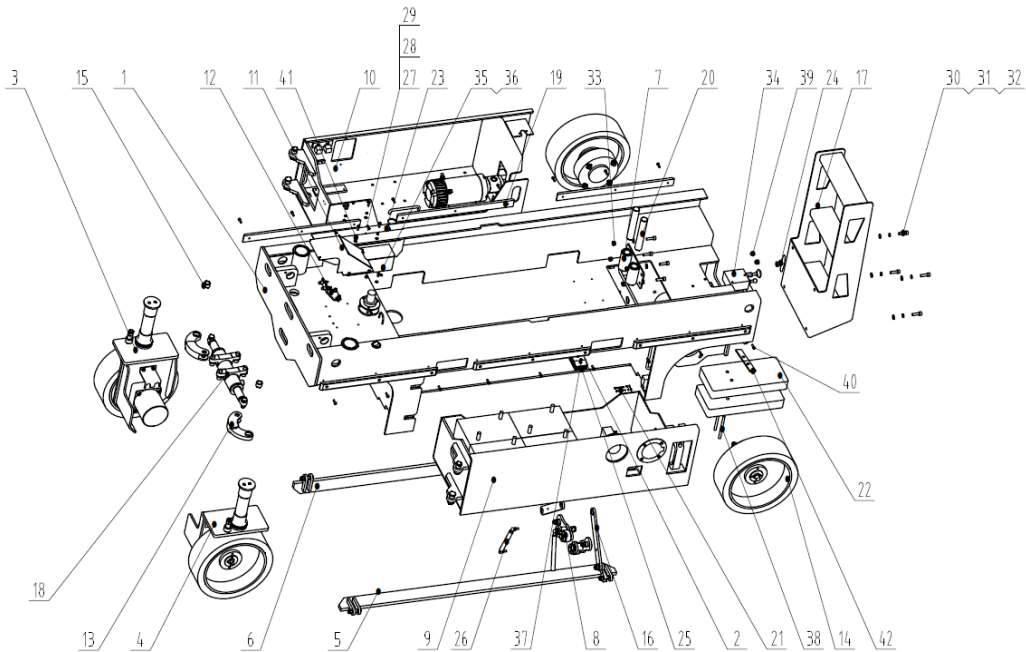
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1. Chassis

Chassis Components

(81126968)



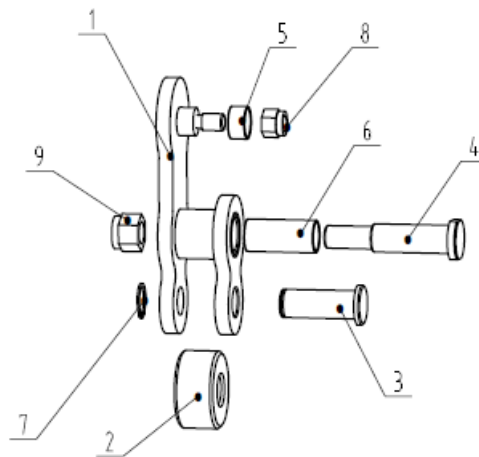
Chassis Components (81126968)			
No.	Part No.	Description	Qty.
1	81126955	Main Chassis	1
2	80806610	Nylon	2
3	80986133	Right Front Wheel Components	1
4	80986159	Left Front Wheel Components	1
5	80890421	Left Pothole Protection Components	1
6	80890436	Right Pothole Protection Components	1
7	80986146	Pothole Vertical Shaft Sleeve Components	1
8	80890409	Rocker Arm	2

Chassis Components (81126968)			
No.	Part No.	Description	Qty.
9	81126995	Model T105 Battery Box	1
10	81126962	Pump Station Box	1
11	80986098	Protection Cover	1
12	80793964	Proximity Switch Components	1
13	80986198	Steering Rocker Arm	2
14	80890462	Rear Wheel Brake Components	2
15	80986673	Composite Sleeve	2
16	80986074	Pothole Arm	2
17	80793747	Ladder	1
18	80986186	Steering Cylinder Installation Components	1
19	80890303	Bumper Strip	6
20	80986162	Pothole Vertical Shaft	2
21	80795033	Bolt	4
22	80793834	Plate	2
23	80793978	PVC Pad	1
24	81120731	10m Emergency Wire	1

Chassis Components (81126968)			
No.	Part No.	Description	Qty.
25	80806611	Plate	6
26	80514954	Gas Spring QTH-300	2
27	81127559	Nut GB/T70.1-M4X10	4
28	81124182	Washer GB/T97.1-4	8
29	81124003	Spring Washer GB/T93-4	8
30	81127562	Nut GB/T70.1-M10X35	8
31	81127748	Washer GB/T97.1-10	8
32	81123999	Spring Washer GB/T93-10	4
33	81127659	Nut GB/T889.1-M10	4
34	80789111	Hand Pump	1
35	81123949	Bolt GB/T5783-M6X16	3
36	81126497	Washer GB/T97.1-6	7
37	81127658	Nut GB/T68-M6X14	4
38	81127657	Stud GB/T953-M10X140	2
39	80624919	Nut GB/T6187.1-M10	4
40	81127560	Nut GB/T70.1-M6X20	22

Chassis Components (81126968)			
No.	Part No.	Description	Qty.
41	81124004	Washer GB/T93-6	4
42	81110223	Plate	1

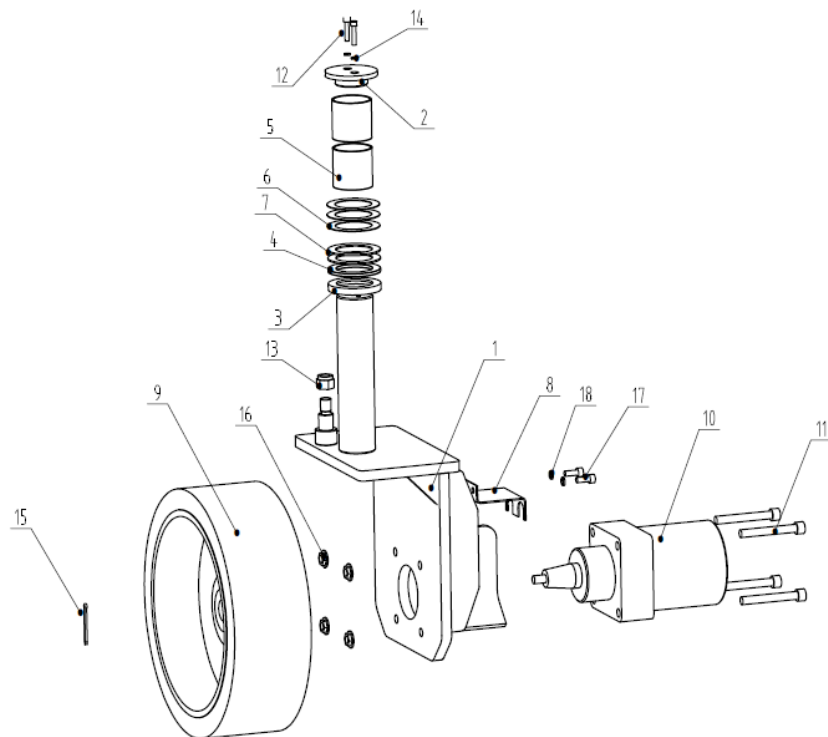
Pothole Rocker Arm Components
(80890409)



Pothole Rocker Arm Components (80890409)			
No.	Part No.	Description	Qty.
1	80793969	Rocker Arm Weldment	1
2	80794993	Wheel	1
3	80793939	Rocker Arm Ring Pin	1

Pothole Rocker Arm Components (80890409)			
No.	Part No.	Description	Qty.
4	80793970	Rocker Arm Pin	1
5	80890816	Composite Sleeve 2	1
6	80890818	Composite Sleeve 1	1
7	80730479	Ring GBT894-20	1
8	80908787	Nut GBT6183.1-M12	1
9	80320437	Nut GBT889.1-M16	1

Left Steering Wheel Components (80986159)

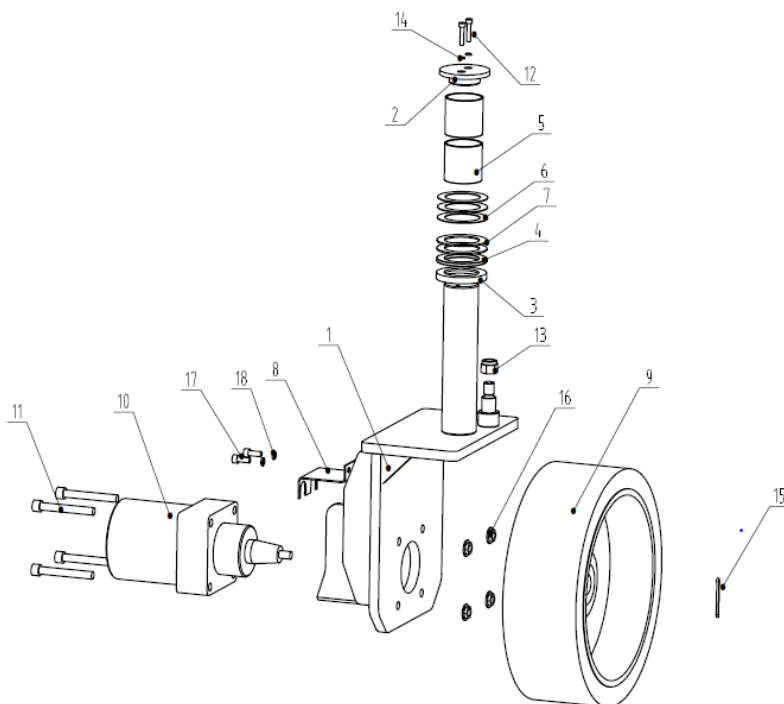


Left Steering Wheel Components (80986159)			
No.	Part No.	Description	Qty.
1	80986096	Left Front Wheel Weldment	1
2	80793946	Shaft Cap	1
3	80793977	Weldment Protection Pad	1
4	80794994	Copper Pad	1
5	80890814	Composite Sleeve	2
6	80793956	Steel Pad	3
7	80795038	Adjustable Pad	2
8	80929066	Elbow Fixing Plate	1
9	80789126	Tire	1
10	80789112	300 Motor	1
11	80890267	Nut GBT70.1-M12X90	4
12	80482440	Nut GBT70.1-M6X30	2
13	80184780	Washer GBT93-6	2
14	80320437	Nut GBT889.1-M16	1
15	80730484	Pin GBT91-4X56	1
16	80389981	Nut GBT6177.1-M12	4

Left Steering Wheel Components (80986159)			
No.	Part No.	Description	Qty.
17	80368047	Nut GBT70.1-M8X20	2
18	80184778	Washer GBT93-8	2

Right Steering Wheel Components

(80986133)

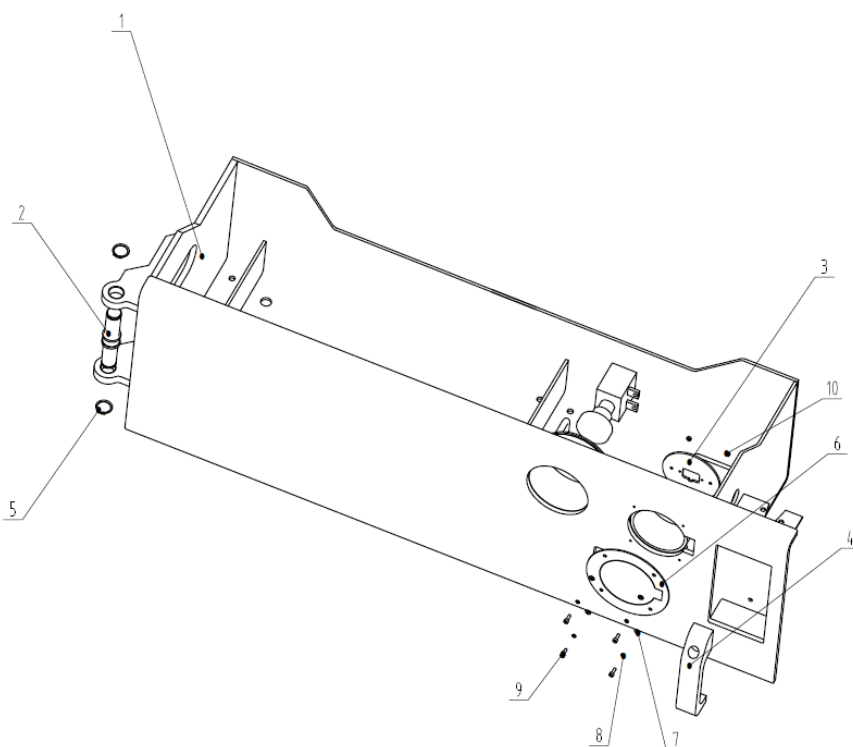


Right Steering Wheel Components (80986133)			
No.	Part No.	Description	Qty.
1	80986171	Right Front Wheel Weldment	1
2	80793946	Shaft Cap	1
3	80793977	Weldment Protection Pad	1
4	80794994	Copper Pad	1
5	80890814	Composite Sleeve	2
6	80793956	Steel Pad	3
7	80795038	Adjustable Pad	2

Right Steering Wheel Components (80986133)			
No.	Part No.	Description	Qty.
8	80929066	Elbow Fixing Plate	1
9	80789126	Tire	1
10	80789112	300 Motor	1
11	80890267	Nut GBT70.1-M12X90	4
12	80482440	Nut GBT70.1-M6X30	2
13	80184780	Washer GBT93-6	2
14	80320437	Nut GBT889.1-M16	1
15	80730484	Pin GBT91-4X56	1
16	80389981	Nut GBT6177.1-M12	4
17	80368047	Nut GBT70.1-M8X20	2
18	80184778	Washer GBT93-8	2

Battery Box Components

(81126995)

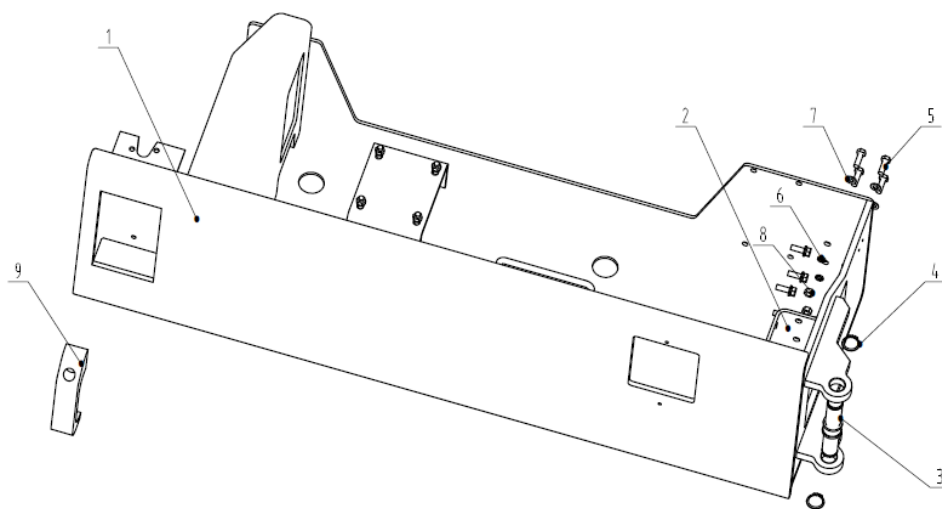


Battery Box Components (81126995)			
No.	Part No.	Description	Qty.
1	81126994	Battery Box Weldment Parts	1
2	80793975	Box Pin Shaft	2
3	80986147	Plate	1
4	80731021	Box Lock	1
5	81126490	Ring	2
6	80731121	Charger Protection Cover	1

Battery Box Components (81126995)			
No.	Part No.	Description	Qty.
7	81124182	Washer	4
8	81124003	Washer	6
9	81127561	Nut	6
10	81127288	Nut	2

Pump Station Box Components

(81126962)

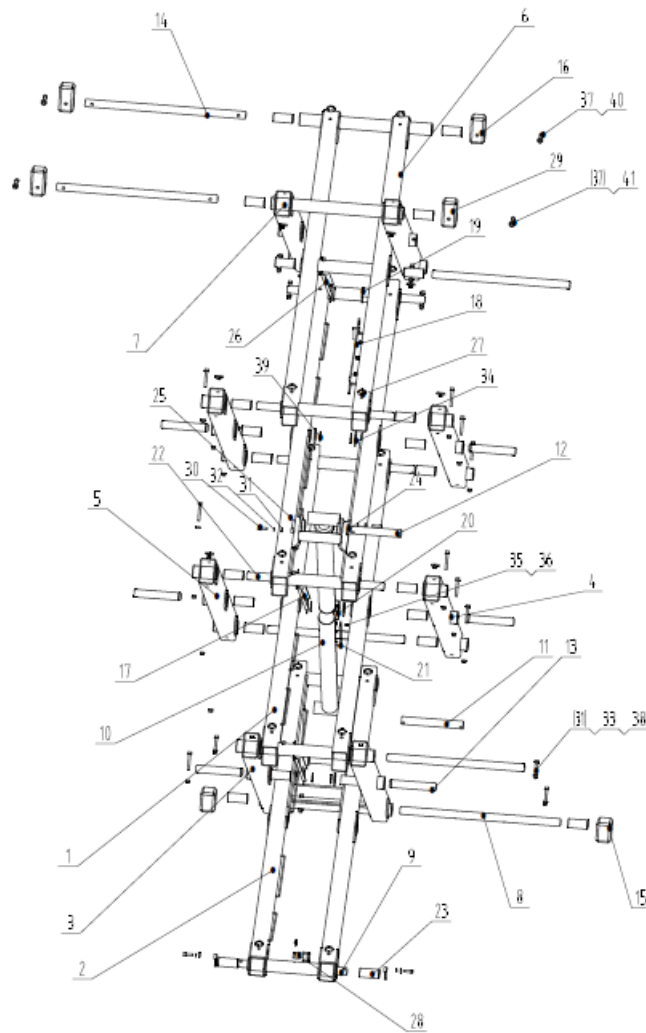


Pump Station Box Components (81126962)			
No.	Part No.	Description	Qty.
1	81126993	Pump Station Box Weldment Components	1
2	80986161	Plate	1
3	80793975	Box Pin Shaft	2
4	81126490	Ring GBT894-24	2
5	81126361	Bolt GBT5783-M8X25	12
6	81124005	Washer GBT93-8	12
7	81124012	Washer GBT97.1-8	12
8	81124170	Nut GBT6170-M8	8
9	80731022	Lock	1

2. Scissor Components

Scissor Components

(81126952)



Scissor Components (81126952)			
No.	Part No.	Description	Qty.
1	80793665	Inside Scissor Components 2	1
2	80890451	Inside Scissor Components 1	1
3	80986143	Outside Scissor Components 1	1

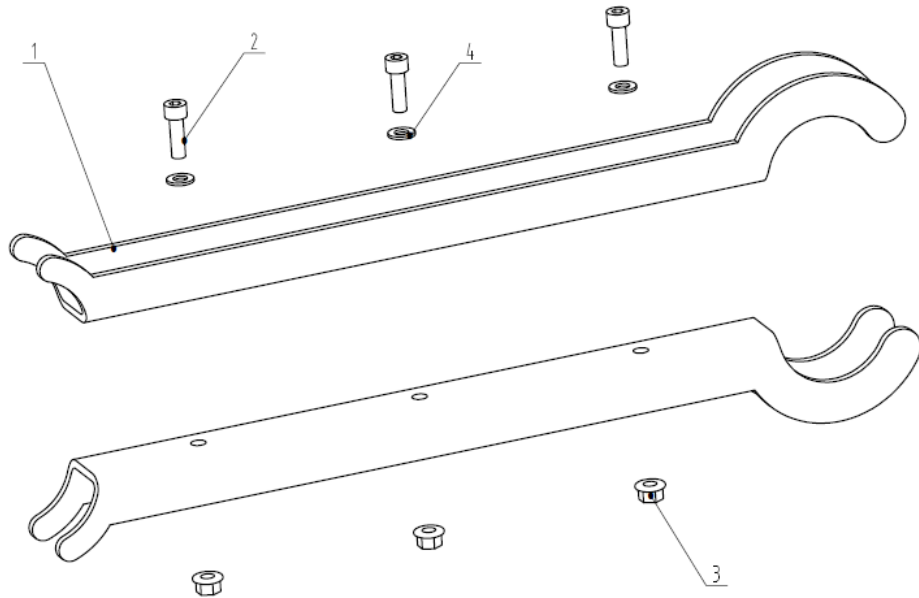
Scissor Components (81126952)			
No.	Part No.	Description	Qty.
4	80793693	Outside Scissor Components 2	2
5	80793694	Outside Scissor Components 3	2
6	80986081	Inside Scissor Components 5	1
7	80986179	Outside Scissor Components 4	1
8	80986193	Scissor Pin Shaft 1	1
9	80890443	Scissor Pin Shaft 2	1
10	80902837	Lift Cylinder	1
11	80890394	Cylinder Pin Shaft 1	1
12	80890393	Cylinder Pin Shaft 2	1
13	80890442	Scissor Pin Shaft 3	6
14	80986094	Platform Bottom Pin Shaft	2
15	80890820	Lower Sliding Block	2
16	80890821	Upper Sliding Block	2
17	80986118	Plate	2
18	80793759	Maintenance Support Rod	1
19	80794999	Maintenance Support Sleeve	2

Scissor Components (81126952)			
No.	Part No.	Description	Qty.
20	80985562	Lift Cylinder Control Valve	1
21	80986069	Emergency Wire Plate	1
22	80793683	Scissor Pin Shaft 4	7
23	80795098	Self-lubricating Sleeve	28
24	80890063	Articulated Pin	6
25	80793669	Inside Scissor Components 4	1
26	80986156	Plate	1
27	80890811	Cushion Pad	32
28	80890410	Proximity Switch Detection Plate	2
29	81104700	Upper Sliding Block	2
30	80374487	Nut GBT70.1-M10X35	6
31	80364186	Washer GBT97.1-10	28
32	80184769	Washer GBT93-10	6
33	80485348	Nut GBT70.1-M10X80	22
34	80730496	Washer GBT95-36	4
35	80375860	Nut GBT70.1-M6X12	6

Scissor Components (81126952)			
No.	Part No.	Description	Qty.
36	80184780	Washer GBT93-6	2
37	80908787	Nut GBT6183.1-M12	4
38	80908788	Nut GBT6183.1-M10	22
39	80741834	Ring GBT894-38	6
40	80375854	Nut GBT70.1-M12X120	2
41	80315833	Bolt TZB804-M12X140	2

Maintenance Support

(80793759)

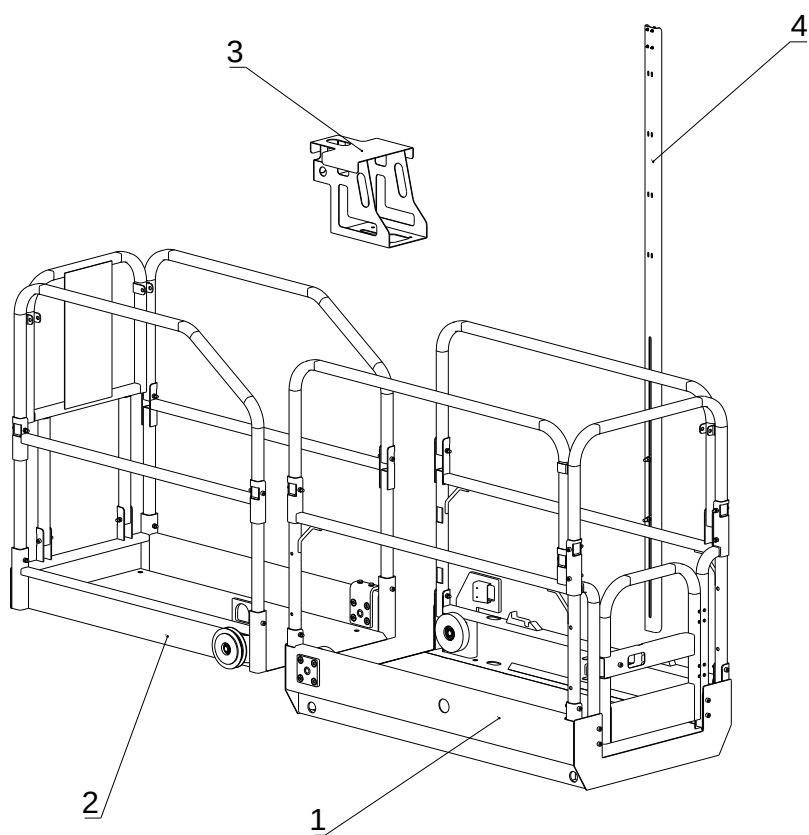


Maintenance Support (80793759)			
No.	Part No.	Description	Qty.
1	80793773	Plate	2
2	80184695	Nut GBT70.1-M8X25	3
3	80730464	Nut GBT6187.1-M8	3
4	80307520	Washer GBT97.1-8	3

3. Platform Components

Platform Components

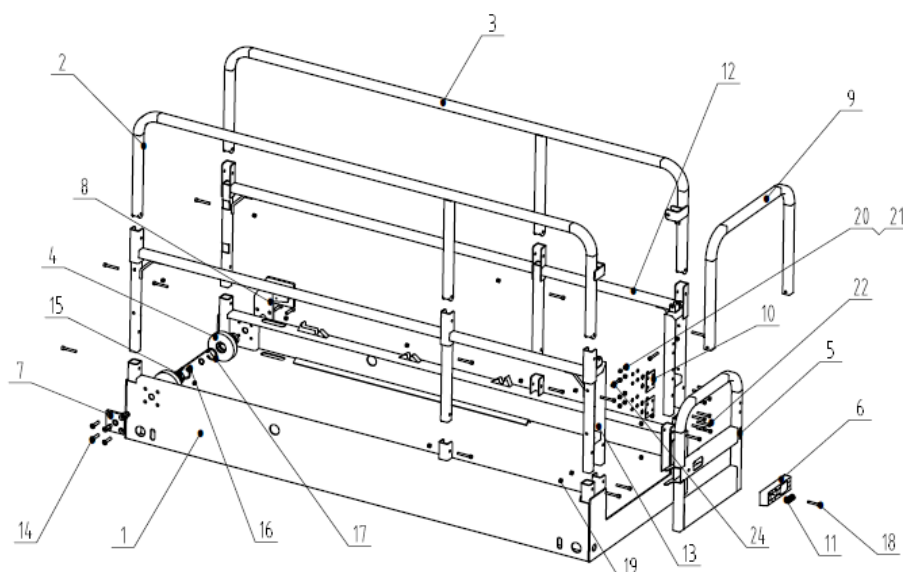
(81126958)



Platform Components (81126958)			
No.	Part No.	Description	Qty.
1	81126980	Fixed Platform	1
2	81126975	Extended Platform	1
3	80793659	Upper Control Box Rack	1
4	81120946	Anti-bumping Rod Parts	1

Fixed Platform

(81126980)

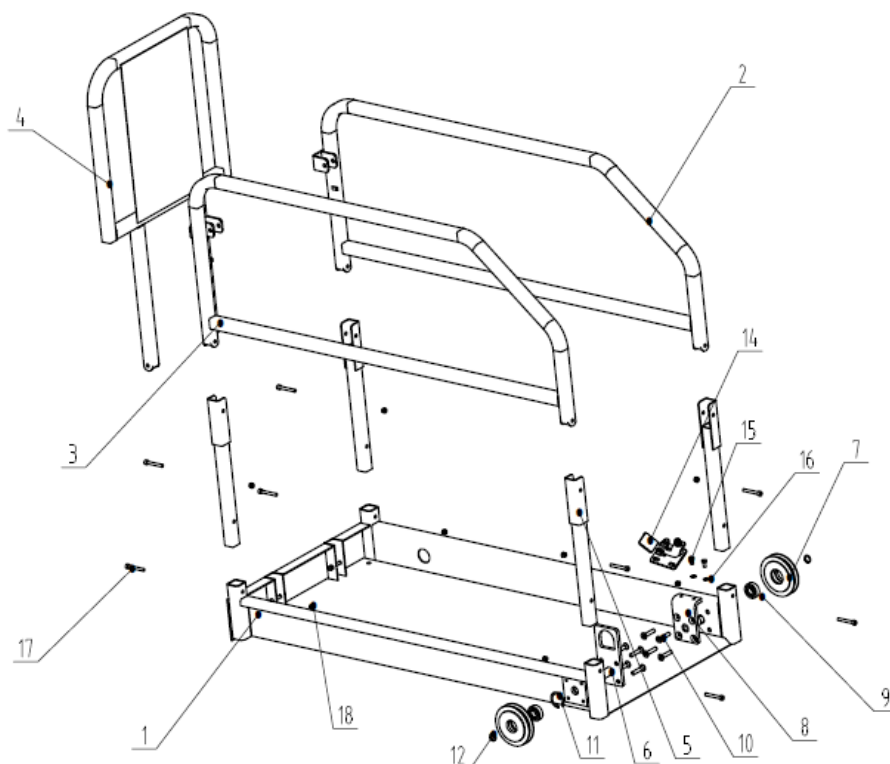


Fixed Platform (81126980)			
No.	Part No.	Description	Qty.
1	81126965	Main Fixed Platform	1
2	81126963	Fixed Platform Left Guardrail	1
3	81126977	Fixed Platform Right Guardrail	1
4	80794990	Pulley 2	2
5	80986088	Door	1
6	80795000	Door Lock	1
7	81126987	Wheel Carrier 1	1
8	81126988	Wheel Carrier 2	1

Fixed Platform (81126980)			
No.	Part No.	Description	Qty.
9	80986177	Square Tube	1
10	80510787	Spring Hinge	2
11	80795032	Spring	1
12	81126959	Right Guardrail	1
13	81126954	Left Guardrail	1
14	80700264	Nut GBT70.3-M10X50	8
15	80191379	Rolling Bearing GBT276-6204	2
16	80730479	Ring GBT894-20	2
17	80730483	Ring GBT893-47	2
18	80465862	Nut GBT70.1-M8X50	1
19	80320439	Nut GBT889.1-M8	25
20	80184778	Washer GBT93-8	8
21	80307520	Washer GBT97.1-8	8
22	80660528	Bolt GBT5783-M8X55	8
23	80655195	Model D Pin with Anti-lost Rope 10X55	2
24	80317790	Nut GBT70.1-M8X60	16

Extended Platform

(81126975)

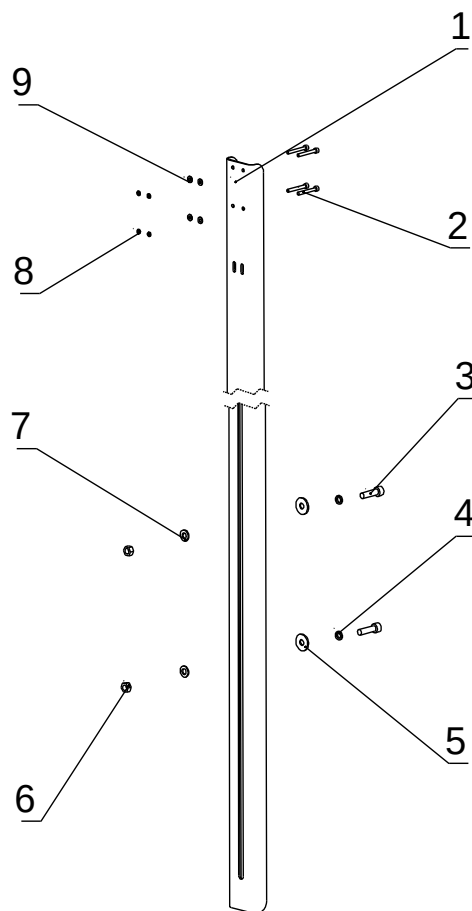


Extended Platform (81126975)			
No.	Part No.	Description	Qty.
1	81126985	Main Extended Platform	1
2	81126990	Extended Left Guardrail	1
3	81126960	Extended Right Guardrail	1
4	81126982	Extended Front Guardrail	1
5	81126967	Guardrail	4
6	81126972	Wheel Carrier 2	1

Extended Platform (81126975)			
No.	Part No.	Description	Qty.
7	80794995	Pulley 1	2
8	81126956	Footlock Plate	1
9	80191379	Rolling Bearing GBT276-6204	2
10	80700264	Nut GBT70.3-M10X50	8
11	80730483	Ring GBT893-47	2
12	80730479	Ring GBT894-20	2
13	80655195	Model D Pin with Anti-lost Rope 10X55	2
14	80591123	Extended Platform Lock	1
15	80327395	Bolt GBT5783-M8X16	2
16	80307520	Washer GBT97.1-8	2
17	80317790	Nut GBT70.1-M8X60	10
18	80320439	Nut GBT889.1-M8	10

Anti-bumping Rod Parts

(81120946)



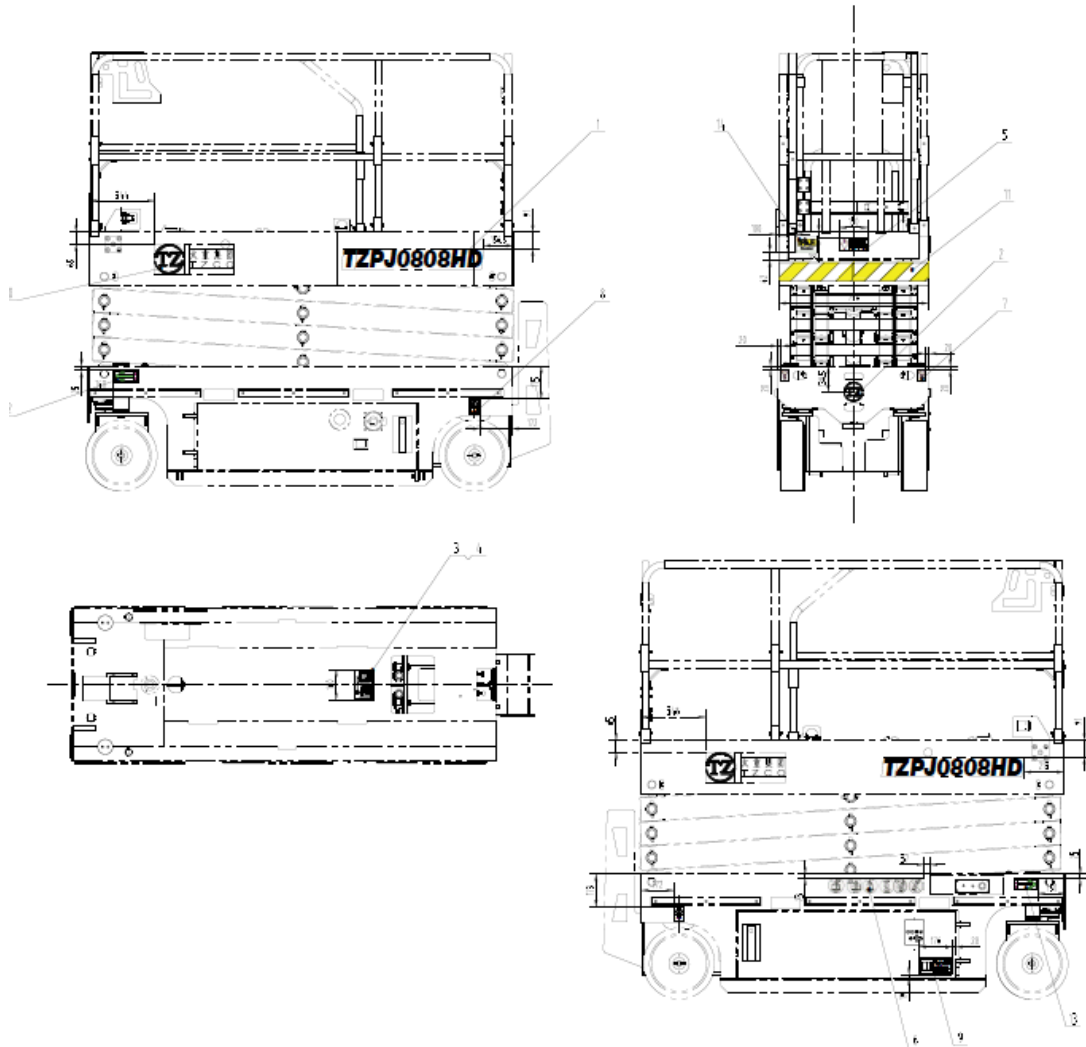
Anti-bumping Rod Parts (81120946)			
No.	Part No.	Description	Qty.
1	81120974	Plate	1
2	81124092	Nut GB/T70.1-M4X35	4
3	81124091	Nut GB/T70.1-M8X30	2
4	81124005	Washer GB/T93-8	2
5	81124011	Washer GB/T96.1-8	2

Anti-bumping Rod Parts (81120946)			
No.	Part No.	Description	Qty.
6	81124170	Screw GB/T6170-M8	2
7	80307520	Washer GB/T97.1-8	2
8	81124003	Washer GB/T93-4	4
9	81124182	Washer GB/T97.1-8	4

4. Nameplate and Marks

Nameplate and Marks

(81126969)



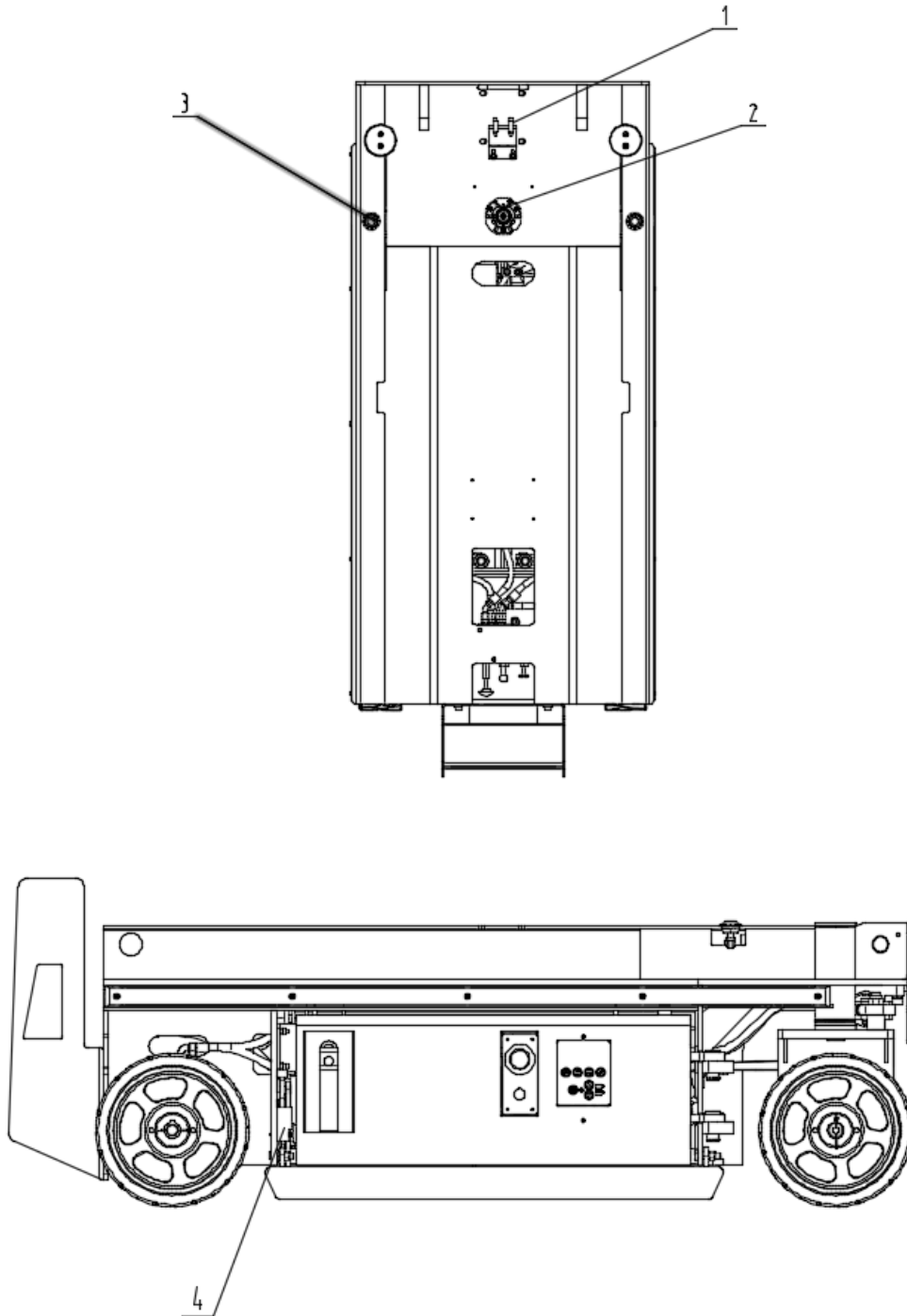
Nameplate and Marks (81126969)			
No.	Part No.	Description	Qty.
1	81127384	Model Code	2
2	81127385	TZ Mark	1
3	80986665	Product Nameplate	1

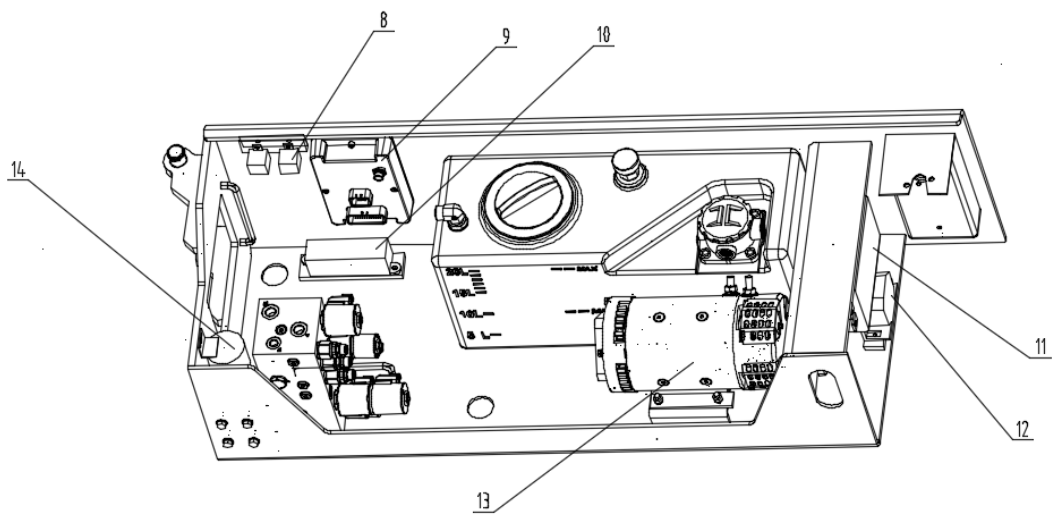
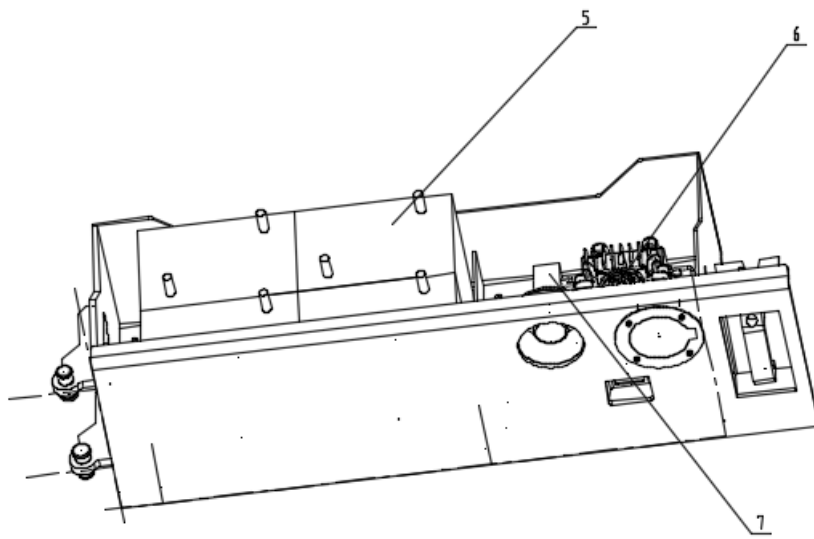
Nameplate and Marks (81126969)			
No.	Part No.	Description	Qty.
4	80379153	Blind Rivet GB/T12618.1-4X16	4
5	80833540	Load Sign	1
6	80795036	Warning Sign	1
7	80791776	Lift Sign	4
8	80795043	Tire Load Sign	2
9	80791778	Warning Words	1
10	80795030	TZCO Logo	2
11	80833541	Warning Tape	2
12	80791780	Heading Sign	1
13	80791781	Heading Sign 2	1
14	81118104	IPAF Sign	1

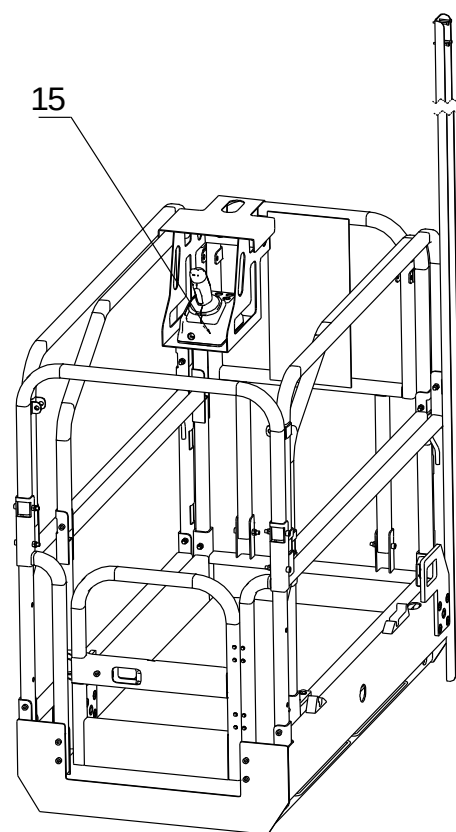
5. Electrical System

Electrical System Components

(81055752)

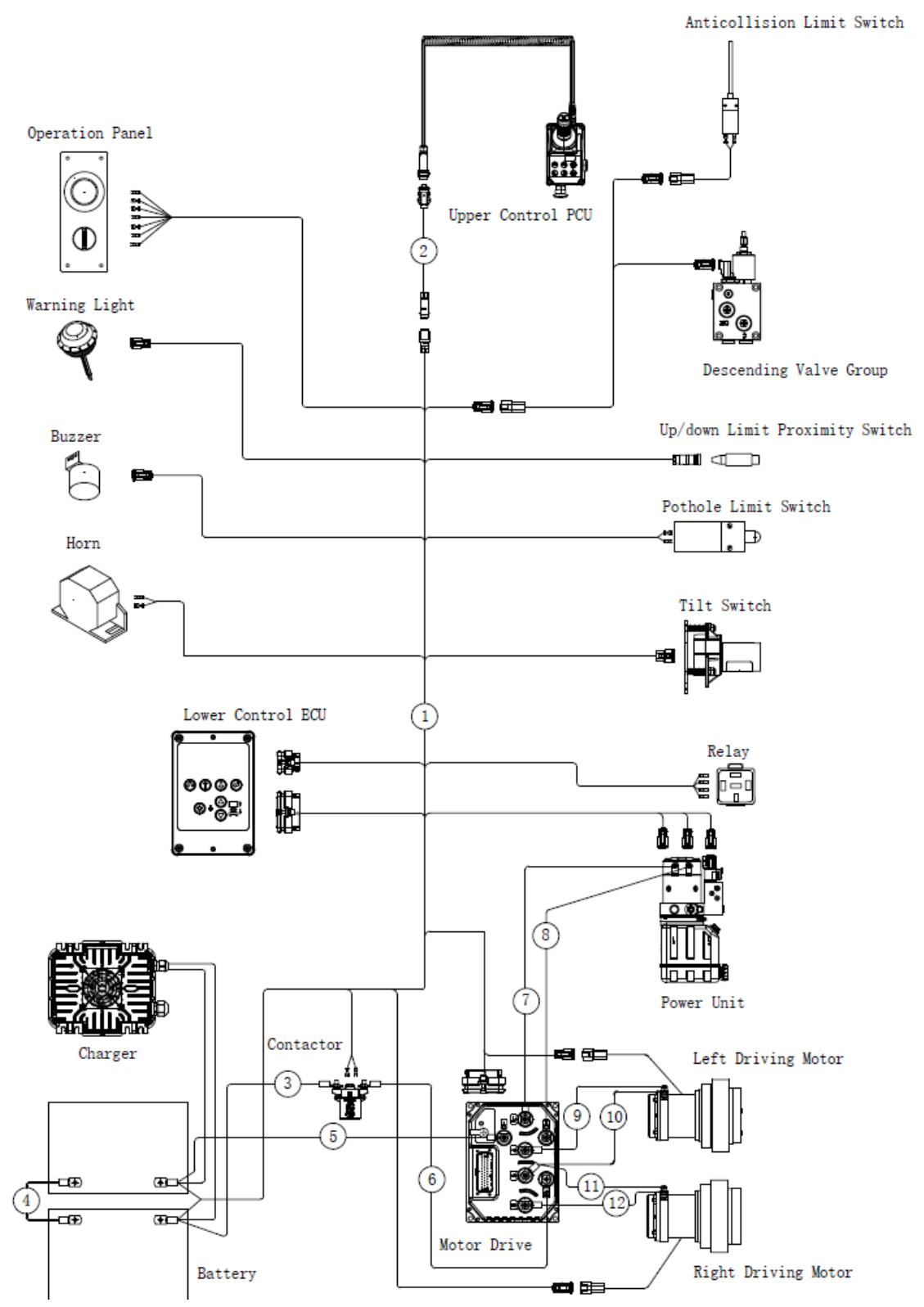






Electrical System Components			
No.	Part No.	Description	Qty.
1	81075600	Proximity Switch XS112BHPAM12	2
2	80832231	Tilt Sensor SHSS.SYSH	1
3	80890026	Warning Light GY32	2
4	80500252	Travel Switch XCK N2102P20C	2
5	80723553	Battery DC 6V	6
6	80935408	Charger TZ.TZ-CH03D-2430A	1
7	80982553	Emergency Power Off Switch JK250A	1
8	80384899	Relay ZTV4/024-1Z-Z	2
9	80765436	ECU TZ-LZ-ZZJC-ECU-HC	1
10	80723470	Large Bolt Type Fuse ANL-300	1
11	80765437	MCU TZ-JC1204-300	1
12	80736721	JLG Horn	1
13	80965682	Pump Motor TZPJ-DJ-D-24/24/3.3-001A	1
14	80723471	Buzzer	1
15	80765435	PCU TZ-LZ-ZZJC-PCU-01	1

Electrical Harness (Lead-acid battery)



No.	Part No.	Description		Qty.
1	81055449	Master Harness		1
2	81055451	PCU Harness		1
3	81055442	Power Supply Harness	Battery to Contactor	1
4			Battery Short Stub	1
5			Battery to Drive B-	1
6			Contactor to Drive BF	1
7			Drive P- to Power Unit Motor	1
8			Drive B+ to Power Unit Motor	1
9			Drive V to Left Driving Motor	1
10			Drive W to Left Driving Motor	1
11			Drive W to Right Driving Motor	1
12			Drive U to Right Driving Motor	1

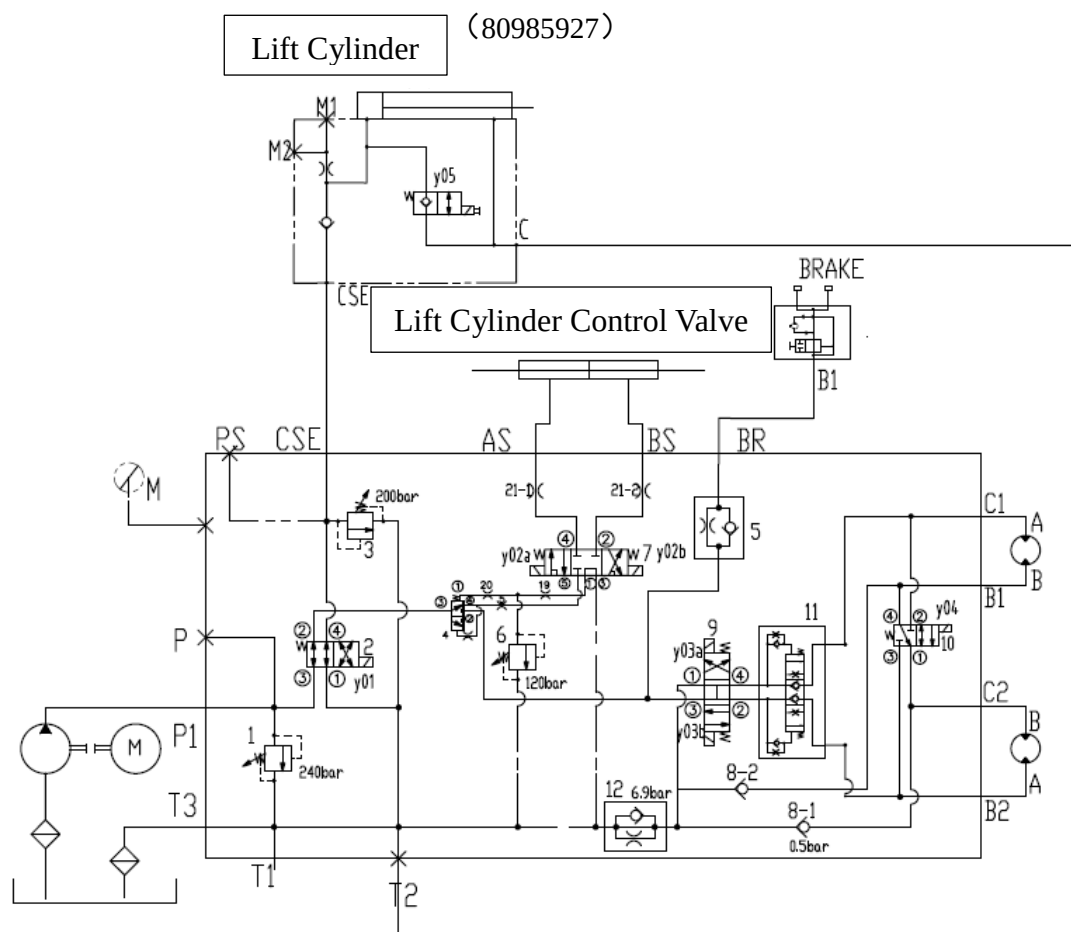
6. Hydraulic System

0808HD Hydraulic System

(80986677)

0808HD Hydraulic System			
No.	Part No.	Description	Qty.
1	80985927	Hydraulic Principle Diagram	1
2	80985928	Pipeline Layout	1
3	80825105	Low Temperature Hydraulic Oil	15

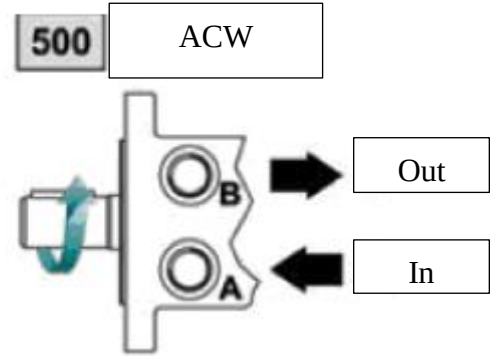
0808HD Hydraulic Principle Diagram



Control Table

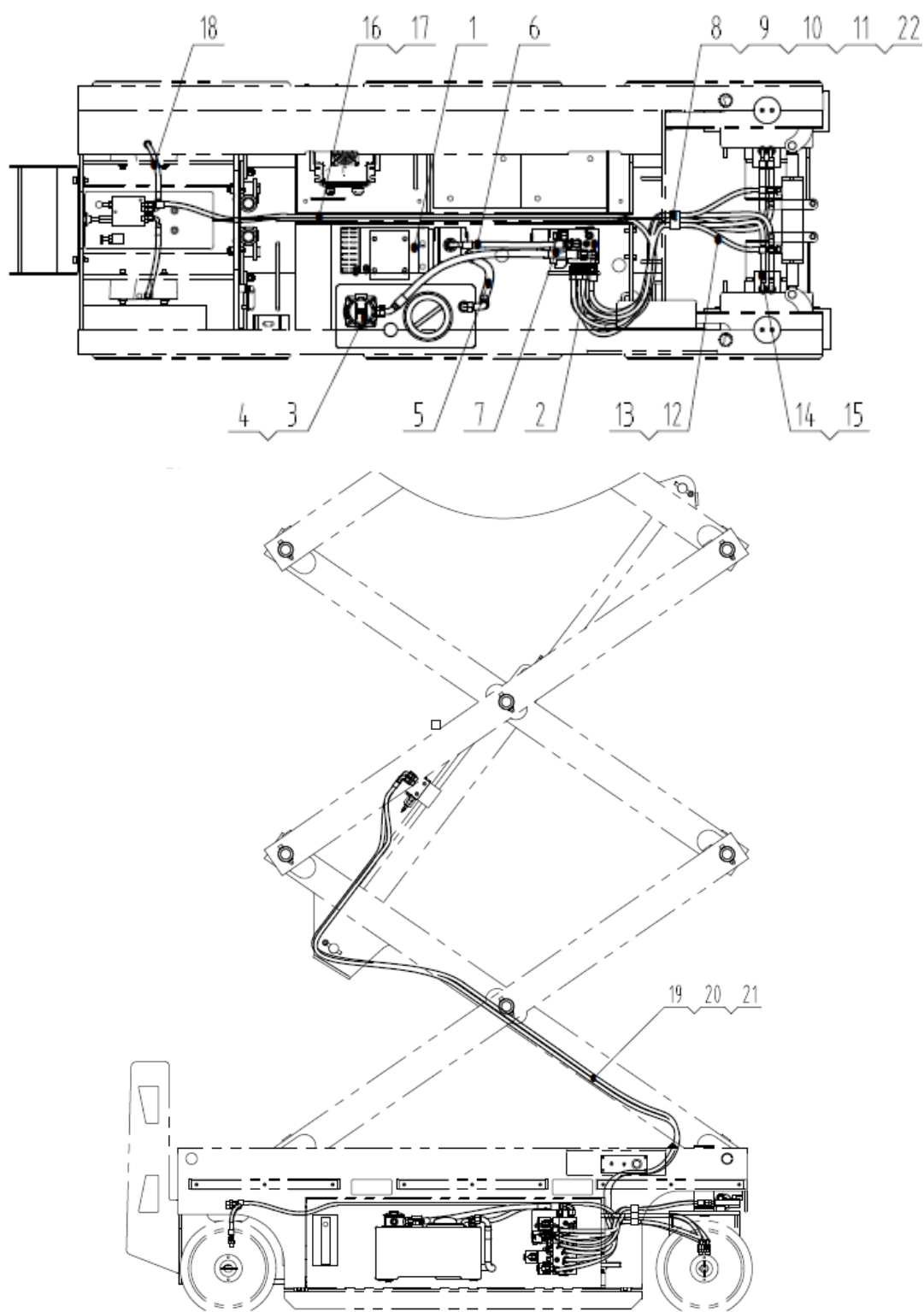
Motion	y01	y02a	y02b	y03a	y03b	y04	y05	y06
SC Turns Right		+						
SC Turns Left			+					
LC Lifts	+							
LC Descends							+	+
Drive Forward Full Speed				+				
Drive Backward Full Speed					+			
Drive Forward Half Speed				+		+		
Drive Backward Half Speed					+	+		

Travel motor rotation direction diagram



Pipeline Layout

(80985928)

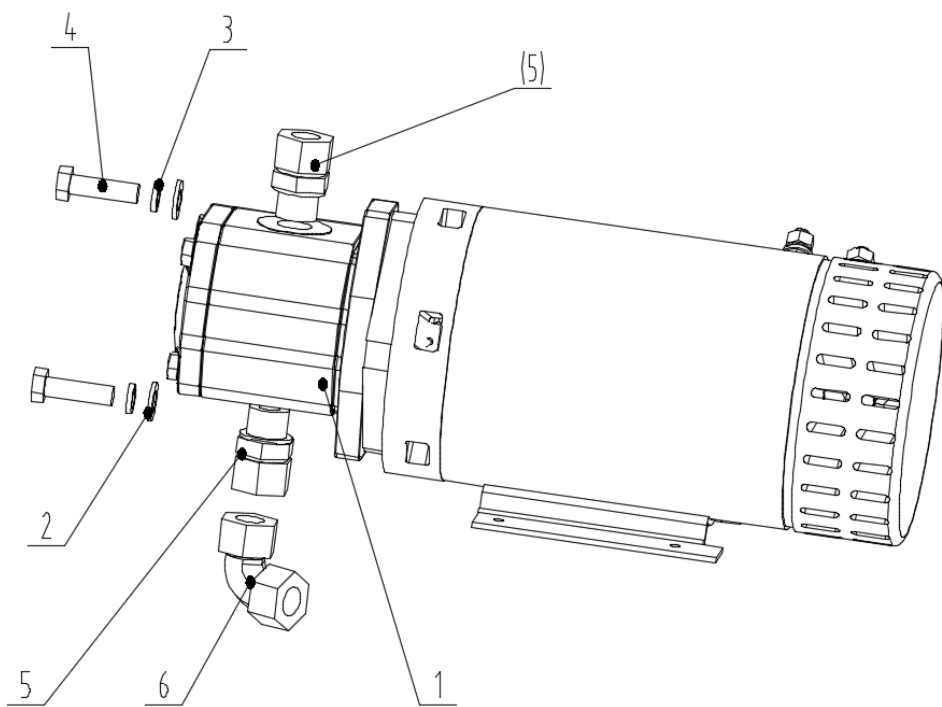


Pipeline Layout			
No.	Part No.	Description	Qty.
1	80985930	Power Unit Assembly	1
2	80985929	Main Valve Assembly	1
3	80985566	15L Plastic Hydraulic Oil Tank	1
4	80669174	Bolt	4
5	80986668	Hose Assembly	1
6	80986669	Hose Assembly	1
7	80986670	Hose Assembly	1
8	80985435	Clamp Assembly	1
9	80985434	Clamp Assembly	2
10	80662738	Bolt	2
11	80320439	Nut	2
12	80173251	Straight End Joint	2
13	80986671	Hose Assembly	2
14	80986672	Hose Assembly	4
15	80258284	Straight End Joint	1
16	80986661	Hose Assembly	1

Pipeline Layout			
No.	Part No.	Description	Qty.
17	80564558	Straight End Joint	5
18	80986660	Hose Assembly	2
19	80986664	Hose Assembly	2
20	80173253	Straight End Joint	2
21	80173346	45° built-up Joint	1
22	80985486	Cover Plate	2

Power Unit Assembly

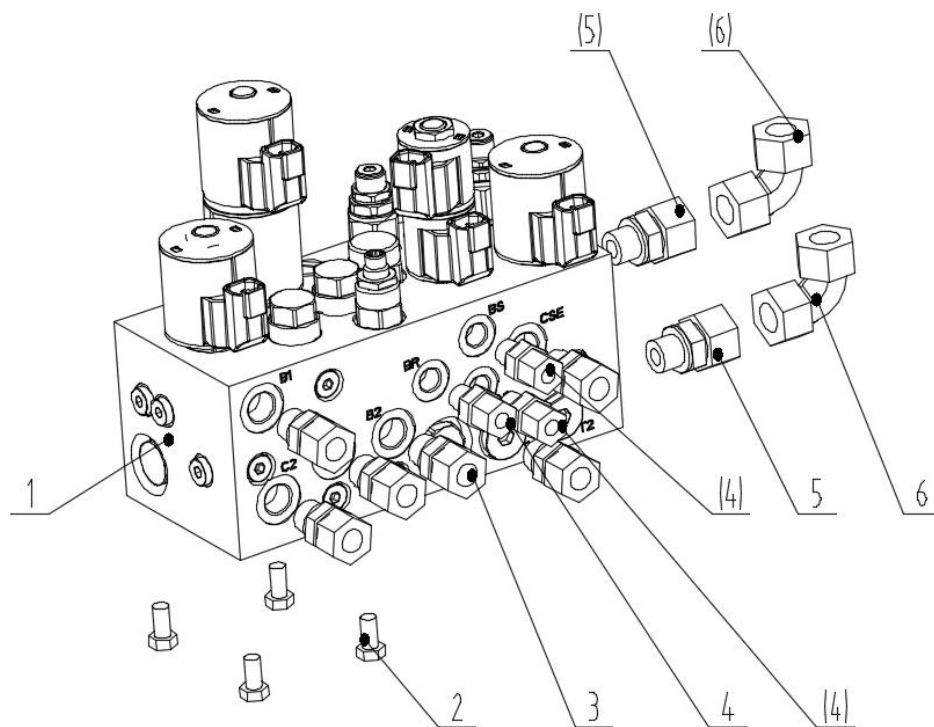
(80985930)



Power Unit Assembly			
No.	Part No.	Description	Qty.
1	80965745	4cc Gear Pump	1
2	80364186	Washer	2
3	80184769	Washer	2
4	80966468	Nut	2
5	80173217	Straight End Joint	2
6	80173296	Rectangular Joint	1

Main Valve Assembly

(80985929)



Main Valve Assembly			
No.	Part No.	Description	Qty.
1	80767409	Main Valve	1
2	80833431	Bolt	4
3	80173253	Straight End Joint	6
4	80173251	Straight End Joint	3
5	80258289	Straight End Joint	2
6	80173296	Rectangular Joint	2