

TZPJ0407ED

Scissor Lift Aerial Work Platform

Parts Manual

Model: TZPJ0407ED Scissor Lift Aerial Work Platform

TZCO
May. 2023

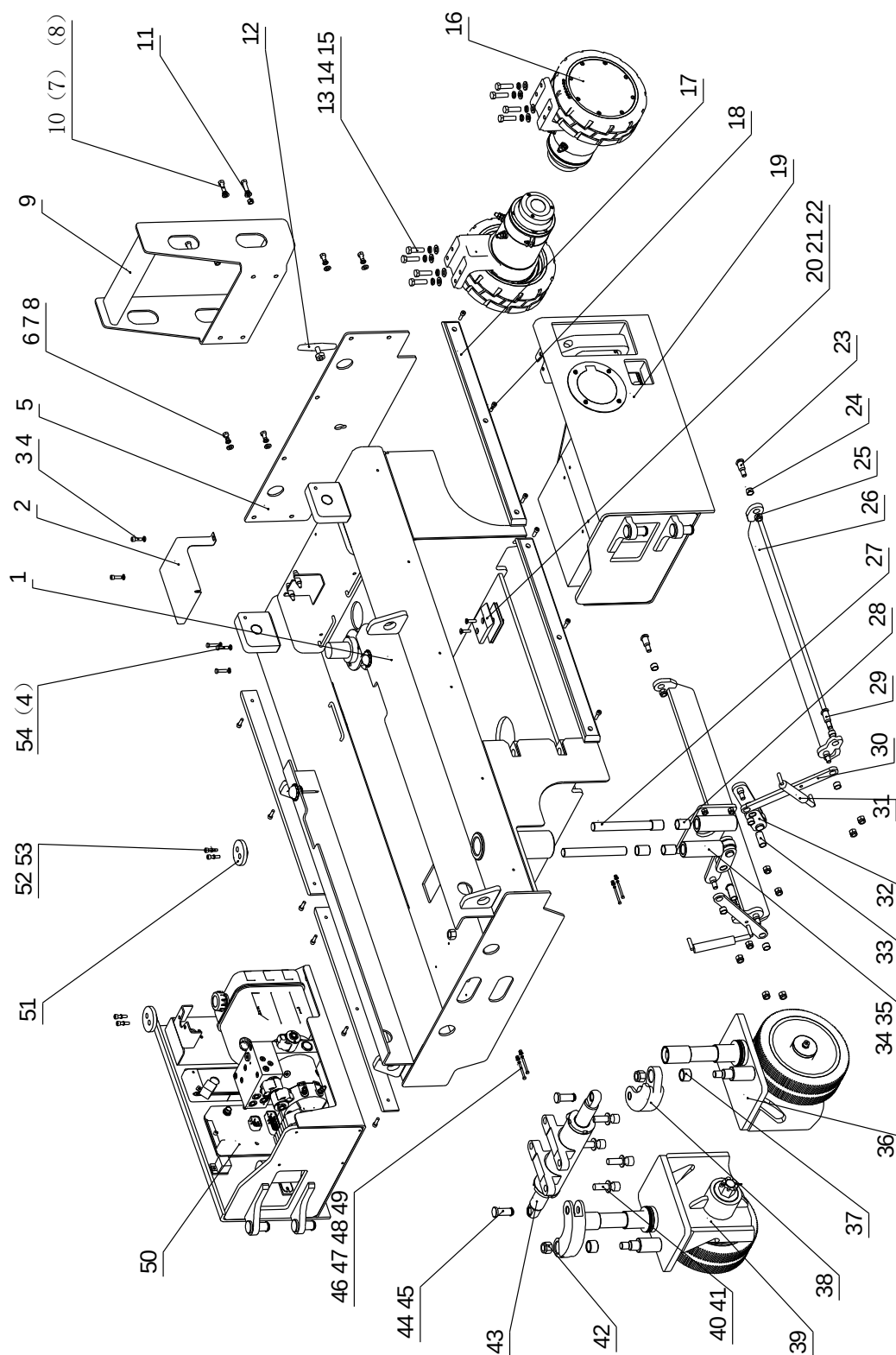
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1.Chassis

Chassis Components

(80457308)



Chassis Components (80457308)			
No.	Part No.	Description	Qty.
1	81058741	Main Chassis	1
2	80897702	Plate	1
3	80184694	Bolt GB/T70.1-M6X20	14
4	80307518	Washer GB/T97.1-6	5
5	81058703	Plate	1
6	80900182	Bolt M8X12	4
7	80184778	Washer GB/T93-8	8
8	80307520	Washer GB/T97.1-8	8
9	80897613	Ladder	1
10	80368033	Bolt GB/T5783-M8X25	4
11	80320219	Screw GB/T6170-M8	2
12	81059118	4m Emergency Wire	1
13	80320178	Bolt GB/T5783-M10X35	8
14	80184769	Washer GB/T93-10	8
15	80364186	Washer GB/T97.1-10	8
16	80902918	Driving Wheel	2

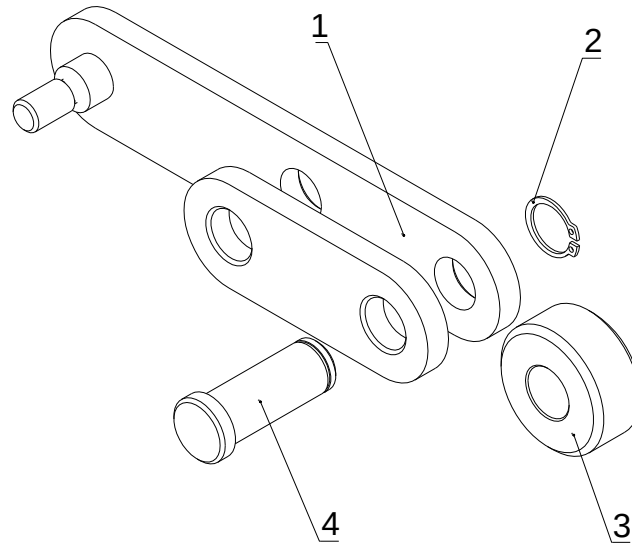
Chassis Components (80457308)			
No.	Part No.	Description	Qty.
17	80890303	Bumper Strip	4
18	80184694	Bolt GB/T70.1-M6X20	14
19	81058728	Battery Box	1
20	80900147	Nylon	2
21	80897708	Plate	4
22	80739216	Bolt GB/T68-M6X25	4
23	80900181	Pothole Plate Bolt 2	2
24	80900166	Composite Sleeve 1	8
25	80375948	Screw GB/T889.1-M10	10
26	80897332	Pothole Protection Plate	2
27	80897363	Pothole Shaft	2
28	80900168	Composite Sleeve 3	4
29	80900179	Pothole Plate Bolt 1	2
30	81058738	Pothole Plate	2
31	80748698	Gas Spring	2
32	80897571	Pothole Rocker Arm	2

Chassis Components (80457308)			
No.	Part No.	Description	Qty.
33	80900167	Composite Sleeve 2	2
34	80897332	Pothole Protection Bracket	1
35	80320439	Screw GB/T889.1-M8	4
36	81058736	Left Steering Wheel	1
37	80900165	Composite Sleeve	2
38	80897251	Steering Rocker Arm	2
39	81058740	Right Steering Wheel	1
40	80039145	Bolt GB/T70.1-M14X50	4
41	80376264	Washer GB/T97.1-14	4
42	80320437	Screw GB/T889.1-M16	2
43	80902838	Steering Hydraulic Cylinder	1
44	80897607	Hydraulic Cylinder Pin	2
45	80736154	Ring GB/T894-16	2
46	80741910	Bolt GB/T5783-M4X40	4
47	80184775	Washer GB/T93-4	4
48	80370176	Washer GB/T97.1-4	4

Chassis Components (80457308)			
No.	Part No.	Description	Qty.
49	80449417	Screw GB/T6170-M4	4
50	81058732	Pump Station Box	1
51	81058718	Shaft Cap	2
52	80640443	Bolt GB/70.1-M6X25	4
53	81084780	Washer GB/T93-6	4
54	80252569	Bolt GB/T5783-M6X16	3

Pothole Rocker Arm

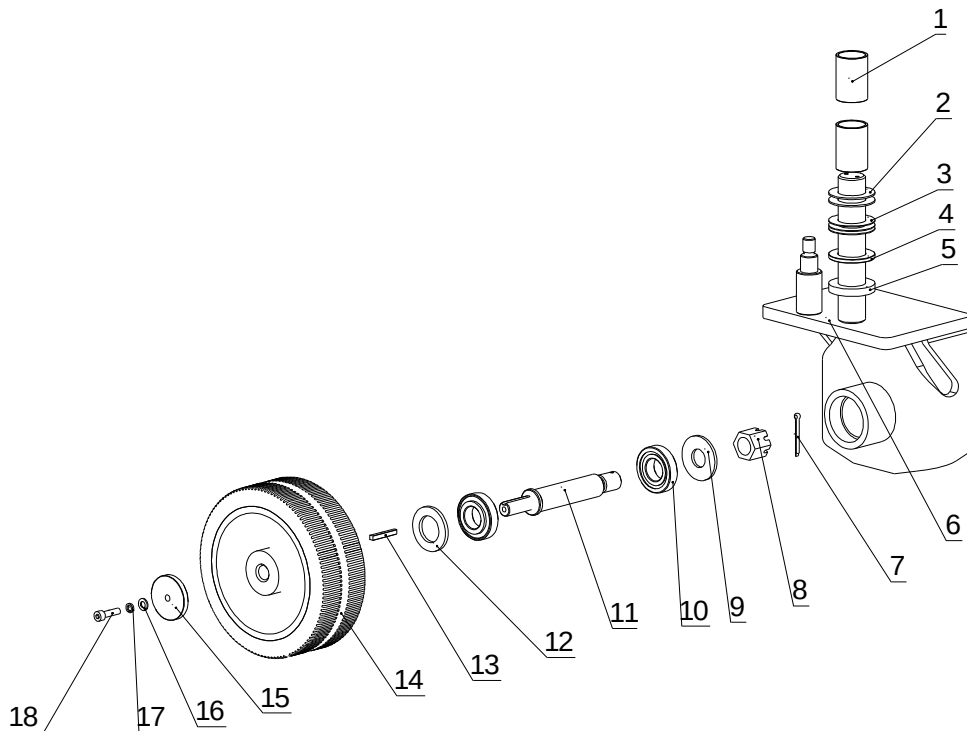
(80897571)



Pothole Rocker Arm (80897571)			
No.	Part No.	Description	Qty.
1	80897378	Rocker Arm	1
2	80736154	Ring GB/T894-16	1
3	80900174	Wheel	1
4	80897362	Pothole Roller Shaft	1

Left Steering Wheel Components

(81058736)

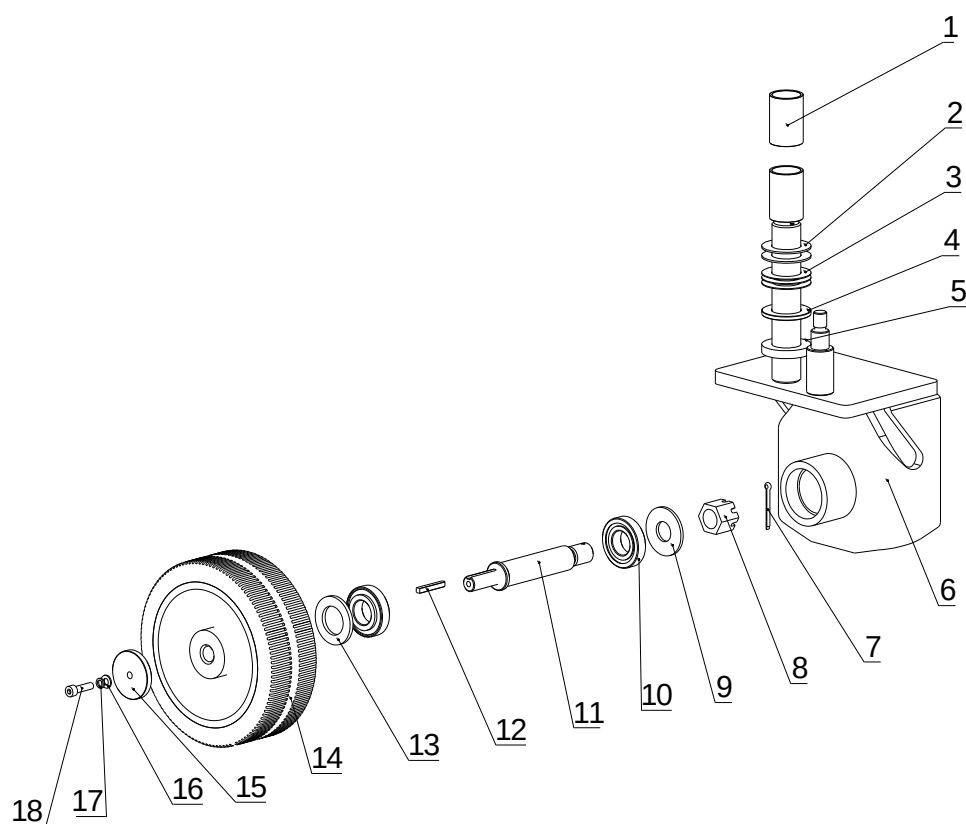


Left Steering Wheel Components (81058736)			
No.	Part No.	Description	Qty.
1	80900614	Composite Sleeve	2
2	81069652	Adjustable Pad 1	2
3	81069651	Adjustable Pad 2	3
4	80900173	Copper Pad	1
5	80897399	Welded Junction Pad	1
6	81058735	Left Steering Wheel Weldment	1

Left Steering Wheel Components (81058736)			
No.	Part No.	Description	Qty.
7	80606565	Pin GB/T91-5X50	1
8	80741908	Screw GB/T6178-M24	1
9	80675598	Plate	1
10	80498942	Rolling Bearing GB/T297-30206	2
11	80897639	Wheel Shaft	1
12	80675596	Plate	1
13	80499941	Key GB/T1096-C6X6X45	1
14	80789128	Wheel	1
15	80897400	Cover Plate	1
16	80307520	Washer GB/T97.1-8	1
17	80184778	Washer GB/T93-8	1
18	80624813	Bolt GB/T70.1-M8X30	1

Right Steering Wheel Components

(81058740)

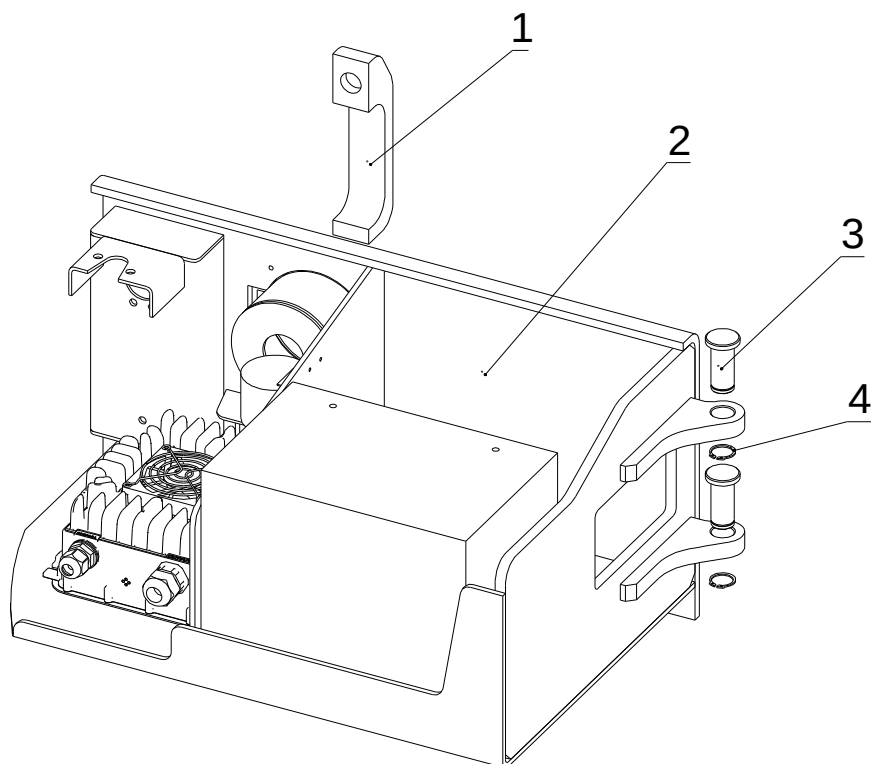


Right Steering Wheel Components (81058740)			
No.	Part No.	Description	Qty.
1	80900614	Description	2
2	81069652	Adjustable Pad 1	2
3	81069651	Adjustable Pad 2	3
4	80900173	Copper Pad	1
5	80897399	Welded Junction Pad	1

Right Steering Wheel Components (81058740)			
No.	Part No.	Description	Qty.
6	81058739	Right Steering Wheel Weldment	1
7	80606565	Pin GB/T91-5X50	1
8	80741908	Screw GB/T6178-M24	1
9	80675598	Plate	1
10	80498942	Rolling Bearing GB/T297-30206	2
11	80897639	Wheel Shaft	1
12	80675596	Plate	1
13	80499941	Key GB/T1096-C6X6X45	1
14	80789128	Wheel	1
15	80897400	Cover Plate	1
16	80307520	Washer GB/T97.1-8	1
17	80184778	Washer GB/T93-8	1
18	80624813	Bolt GB/T70.1-M8X30	1

Battery Box

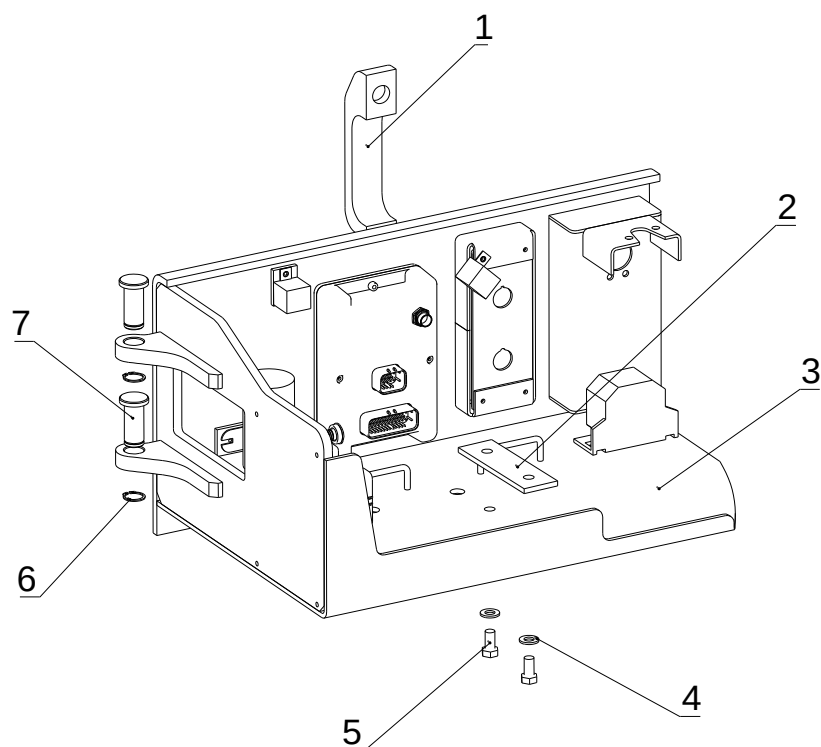
(81058728)



Battery Box (81058728)			
No.	Part No.	Description	Qty.
1	80929318	Locker	1
2	81058727	Battery Box Weldment	1
3	81058721	Box Pin	2
4	80730479	Ring GB/T894-20	2

Pump Station Box

(81058732)

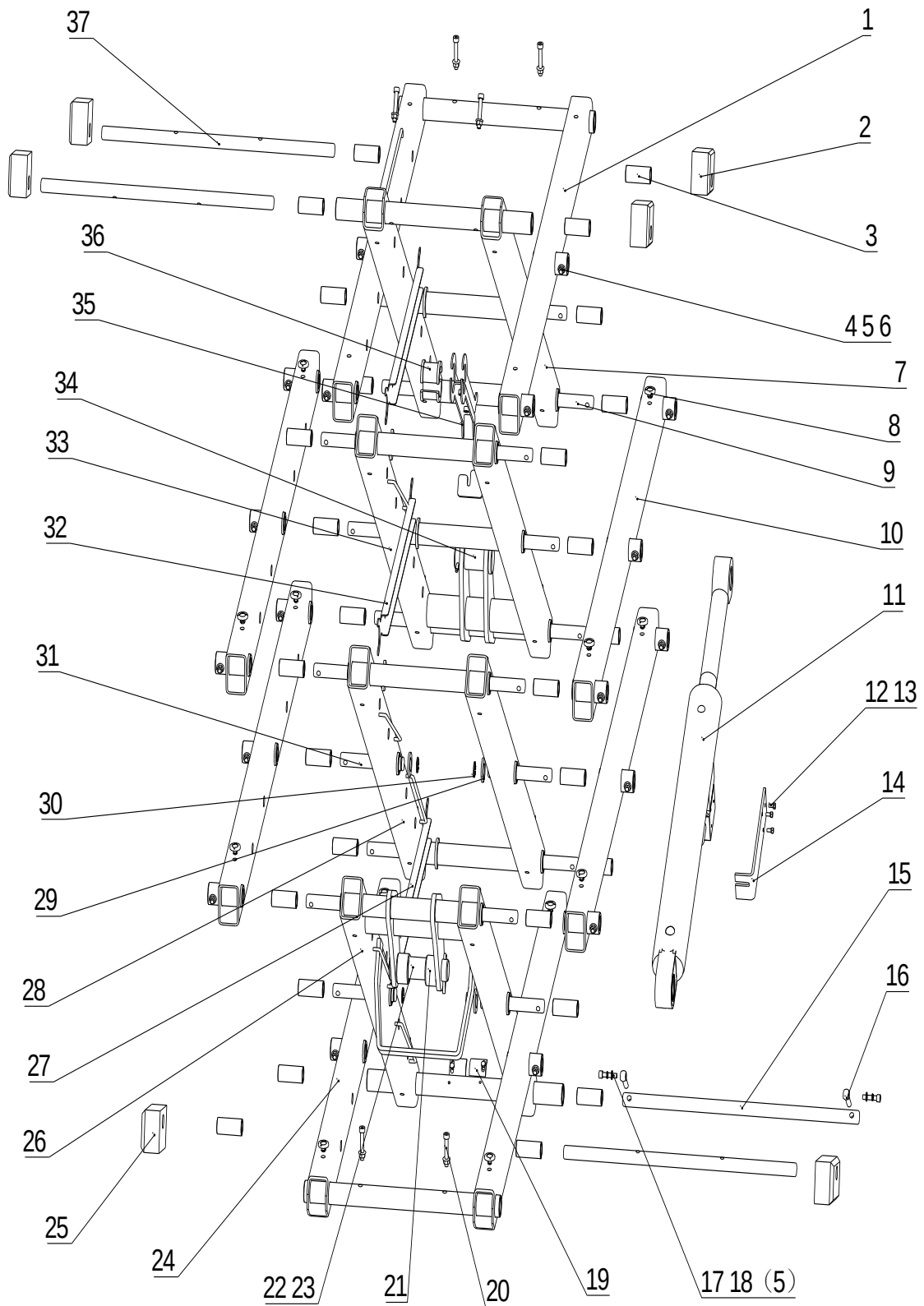


Pump Station Box (81058732)			
No.	Part No.	Description	Qty.
1	80929318	Locker	1
2	81058697	Plate	1
3	81058731	Pump Station Box Weldment	1
4	81058721	Box Pin	2
5	80730479	Ring GB/T894-20	2

2. Scissor Components

Scissor Components

(81058596)



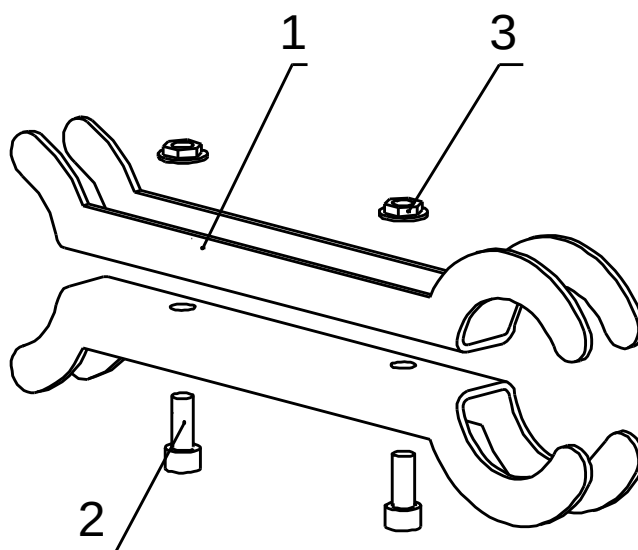
Scissor Components (81058596)			
No.	Part No.	Description	Qty.
1	81058602	Scissor Components 7	1
2	80900169	Sliding Block	4
3	80900186	Self-lubricating Sleeve	28
4	80653795	Bolt GB/T70.1-M8X55-10.9	20
5	80307520	Washer GB/T97.1-8	22
6	81044509	Screw GB/T6183.1-M8	26
7	81058601	Scissor Components 6	1
8	81059158	Pad	24
9	80897298	Shaft 3	8
10	81058599	Scissor Components 4	4
11	80902836	Lifting Cylinder TZPJ-YG-JS-63/40-001A	1
12	80371012	Bolt GB/T5783-M6X12	5
13	80184780	Washer GB/T93-6	5
14	81058637	Plate	1
15	80897292	Shaft 1	1
16	80900192	Articulated Pin	2

Scissor Components (81058596)			
No.	Part No.	Description	Qty.
17	80482441	Bolt GB/T70.1-M8X35	2
18	80184778	Washer GB/T93-8	2
19	80897293	Proximity Switch Detection Plate	2
20	80610383	Bolt GB/T70.1-M8X55-8.8	6
21	80897632	Sleeve	2
22	80897296	Lower Cylinder Pin	1
23	80741893	Pin GB/T91-6.3X63	2
24	81058596	Scissor Components 1	1
25	81059154	Lower Sliding Block	2
26	81058597	Scissor Components 2	1
27	80897711	Plate	1
28	81058598	Scissor Components 3	1
29	80376128	Washer GB/T97.1-24	3
30	80055986	Ring JBZQ4342-25	4
31	80897297	Shaft 6	4
32	80897710	Plate	2

Scissor Components (81058596)			
No.	Part No.	Description	Qty.
33	81058600	Scissor Components 5	1
34	80897295	Upper Cylinder Pin	1
35	81058632	Maintenance Support Parts	1
36	81059159	Maintenance Support Sleeve	2
37	80897294	Shaft 4	3

Maintenance Support Rod

(81058632)

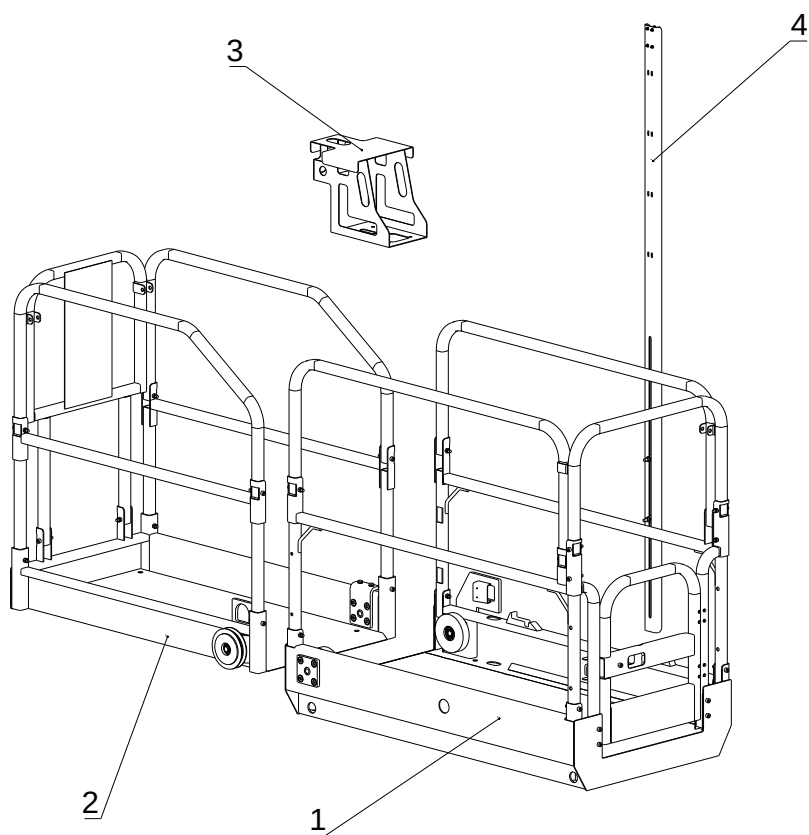


Maintenance Support Rod (81058632)			
No.	Part No.	Description	Qty.
1	81058636	Plate	2
2	80368047	Bolt GB/T70.1-M8X20	2
3	80375313	Screw GB/T6177.1	2

3. Platform Components

Platform Components

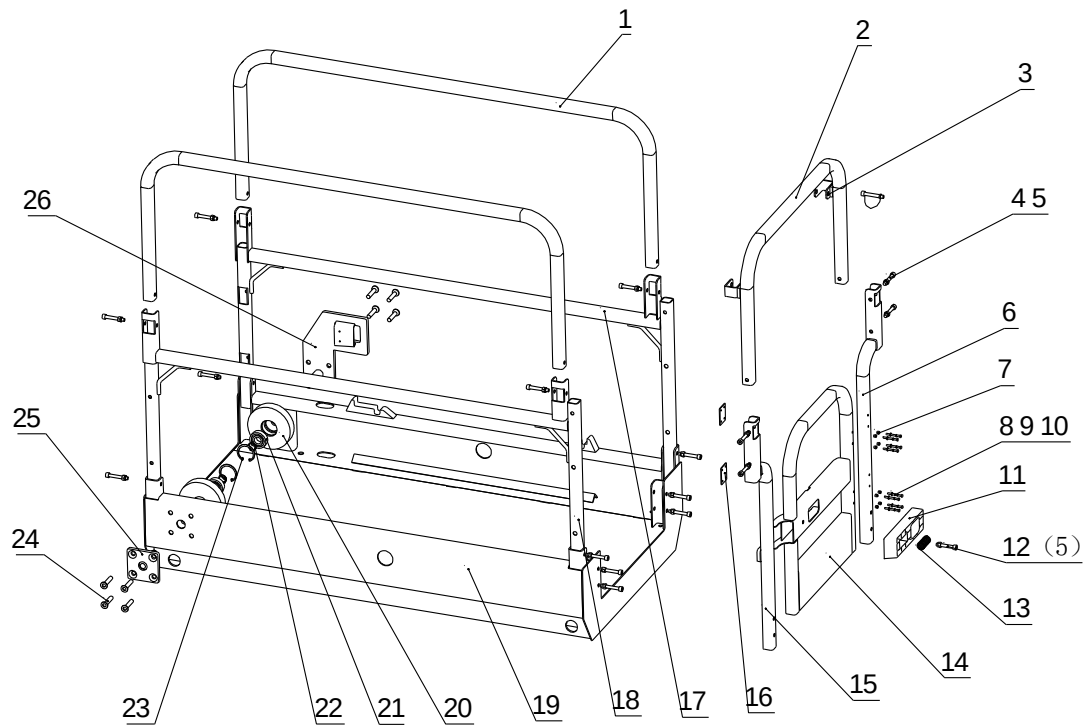
(81058618)



Platform Components (81058618)			
No.	Part No.	Description	Qty.
1	81058609	Fixed Platform Assembly	1
2	81058611	Extended Platform Assembly	1
3	81058611	Upper Control Box	1
4	81120946	Anticollision Rod Device	1

Fixed Platform Assembly

(81058609)



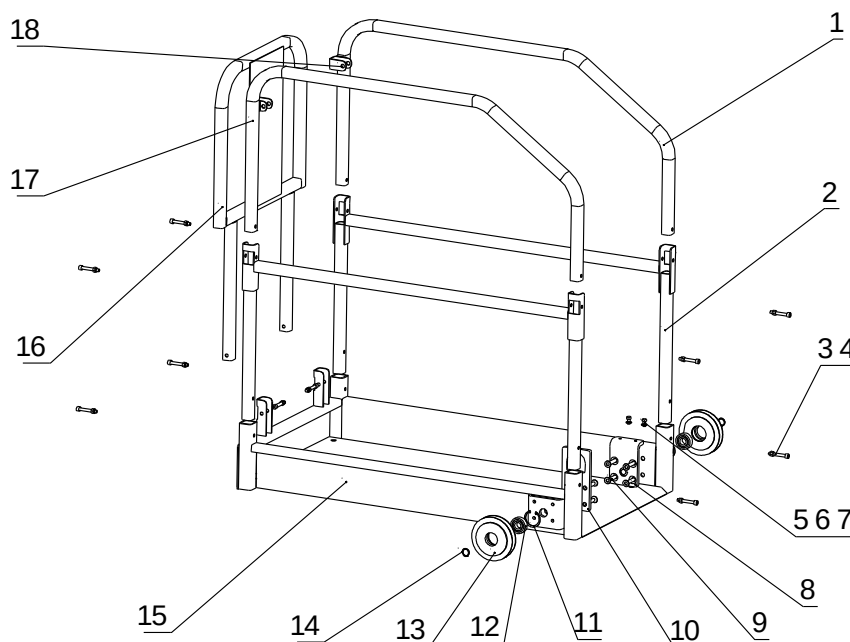
Fixed Platform Assembly (81058609)			
No.	Part No.	Description	Qty.
1	80897591	Square Tube F30X2-	2
2	81058606	Rear Guardrail	1
3	80655195	Model D Pin with Anti-lost Rope 10X55	2
4	80610383	Bolt GB/T70.1-M8X55	16
5	80320439	Screw GB/T889.1-M8	17

Fixed Platform Assembly (81058609)			
No.	Part No.	Description	Qty.
6	81058605	Right Door Frame	1
7	80741921	Screw GB/T889.1-M4	8
8	80609405	Bolt GB/T5783-M4X40	8
9	80184775	Washer GB/T93-4	8
10	80370176	Washer GB/T97.1-4	8
11	80900175	Locker	1
12	80465862	Bolt GB/T70.1-M8X50	1
13	80900187	Spring	1
14	80897529	Door	1
15	81058617	Left Door Frame	1
16	80500045	Spring Hinge	2
17	81058604	Right Rail	1
18	81058616	Left Rail	1
19	81058608	Fixed Platform	1
20	80900171	Pulley 2	2
21	80191379	Rolling Bearing GB/T276-6204-2Z	2

Fixed Platform Assembly (81058609)			
No.	Part No.	Description	Qty.
22	80730479	Ring GB/T894-20	2
23	80730483	Ring GB/T893-47	2
24	80700264	Bolt GB/T70.3-M10X50	8
25	81058607	Support Plate 1	1
26	81058635	Wheel Carrier	1

Extended Platform Assembly

(81058611)

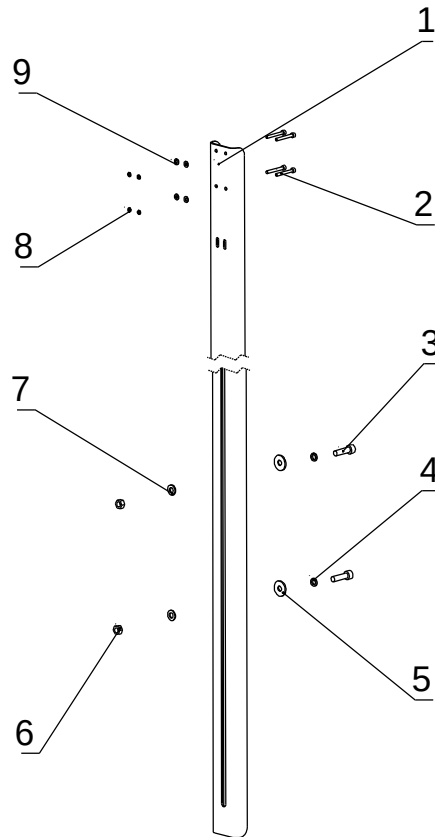


Extended Platform Assembly (81058611)			
No.	Part No.	Description	Qty.
1	81058612	Right Guardrail of Extended Platform	1
2	81058614	Guardrail of Extended Platform	2
3	80610383	Bolt GB/T70.1-M8X55	10
4	80320439	Screw GB/T889.1-M8	10
5	80327395	Bolt GB/T5783-M8X16	2
6	80307520	Washer GB/T97.1-8	2

Extended Platform Assembly (81058611)			
No.	Part No.	Description	Qty.
7	80591123	Platform Locking Parts	1
8	81058633	Pedal Support	1
9	80700264	Bolt GB/T70.3-M10X50	8
10	81058615	Extended Platform Wheel Carrier 2	1
11	80730483	Ring GB/T893-47	2
12	80191379	Rolling Bearing GB/T276-6204-2Z	2
13	80900170	Pulley 1	2
14	80730479	Ring GB/T894-20	2
15	80791448	Extended Platform	1
16	80791501	Front Guardrail	1
17	80791453	Left Guardrail of Extended Platform	1
18	80655195	Model D Pin with Anti-lost Rope 10X55	2

Anticollision Rod Device

(81120946)



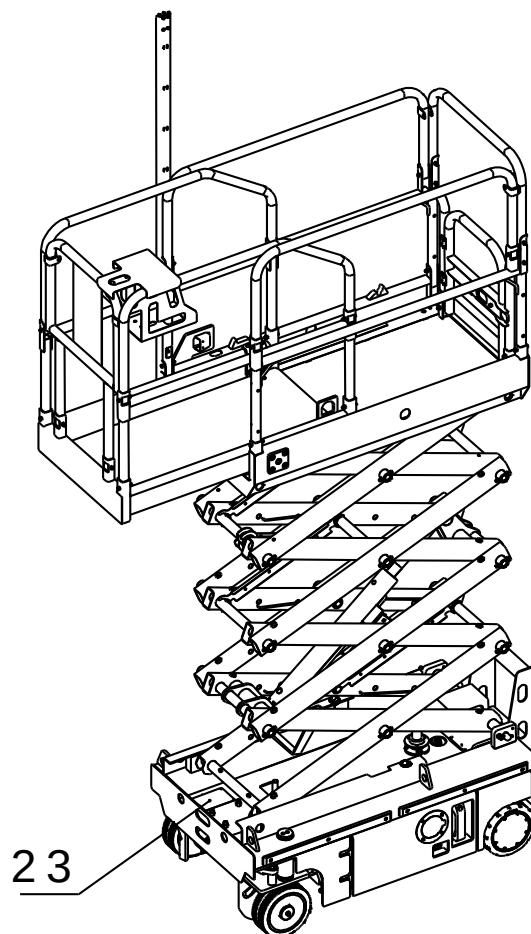
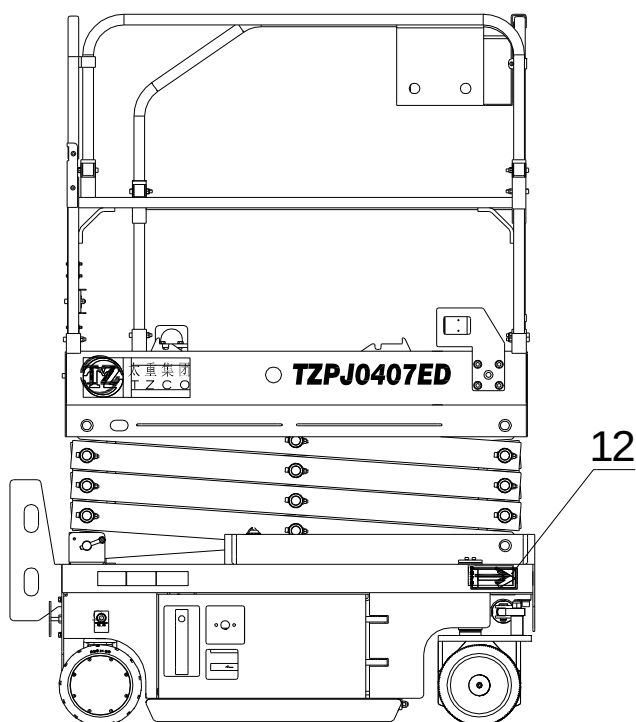
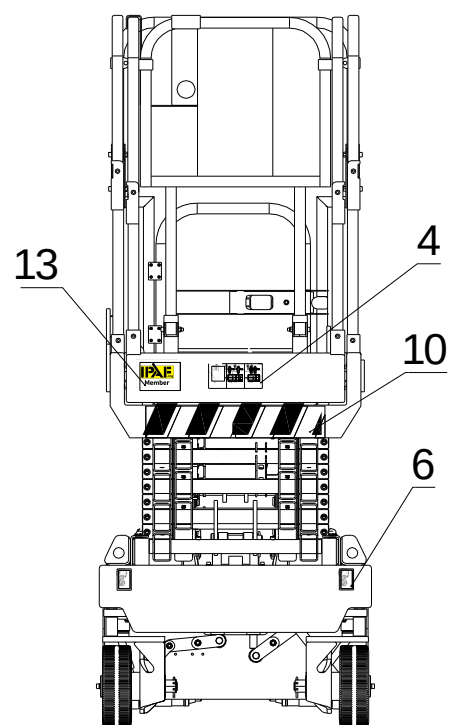
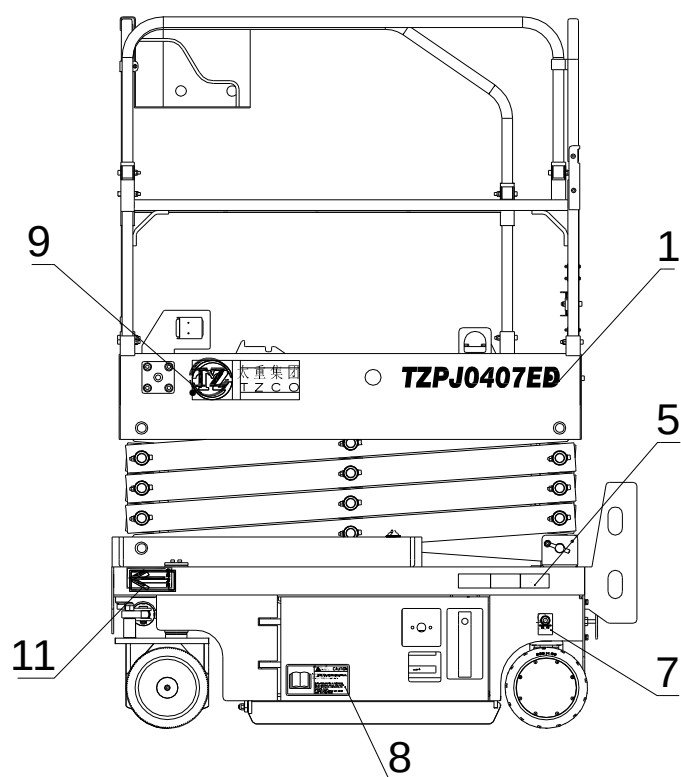
Anticollision Rod Device (81120946)			
No.	Part No.	Description	Qty.
1	81120974	Plate	1
2	81124092	Bolt GB/T70.1-M4X35	4
3	81124091	Bolt GB/T70.1-M8X30	2
4	81124005	Washer GB/T93-8	2
5	81124011	Washer GB/T96.1-8	2
6	81124170	Screw GB/T6170-M8	2

Anticollision Rod Device (81120946)			
No.	Part No.	Description	Qty.
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

(81058661)



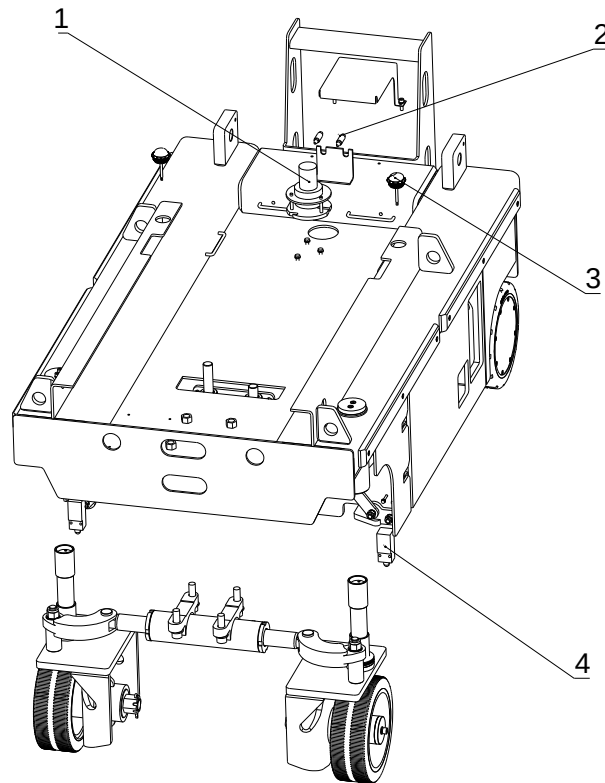
Nameplate and Marks (81058661)			
No.	Part No.	Description	Qty.
1	81059160	Model Code	2
2	81059153	Product Nameplate	1
3	80379153	Blind Rivet GB/T12618.1-4X16	4
4	81063647	Load Mark	1
5	81063648	Warning Mark	2
6	81063649	Lifting Mark	4
7	81063650	Tire Load Mark	2
8	81063651	Warning Words	1
9	81063652	TZCO Logo	2
10	81063653	Warning Tape	2
11	81063646	Forward Direction Mark	1
12	81063654	Forward Direction Mark 2	1
13	81118104	IPAF Mark	1

5. Electrical System

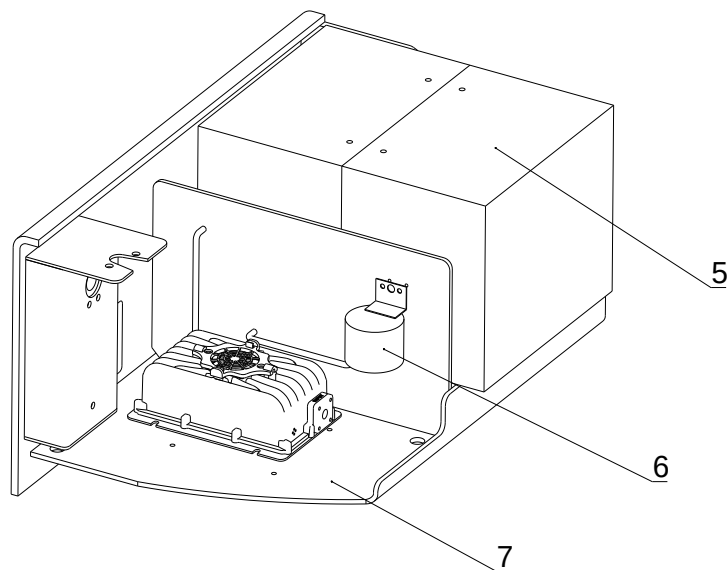
Electrical System Components

(81055752)

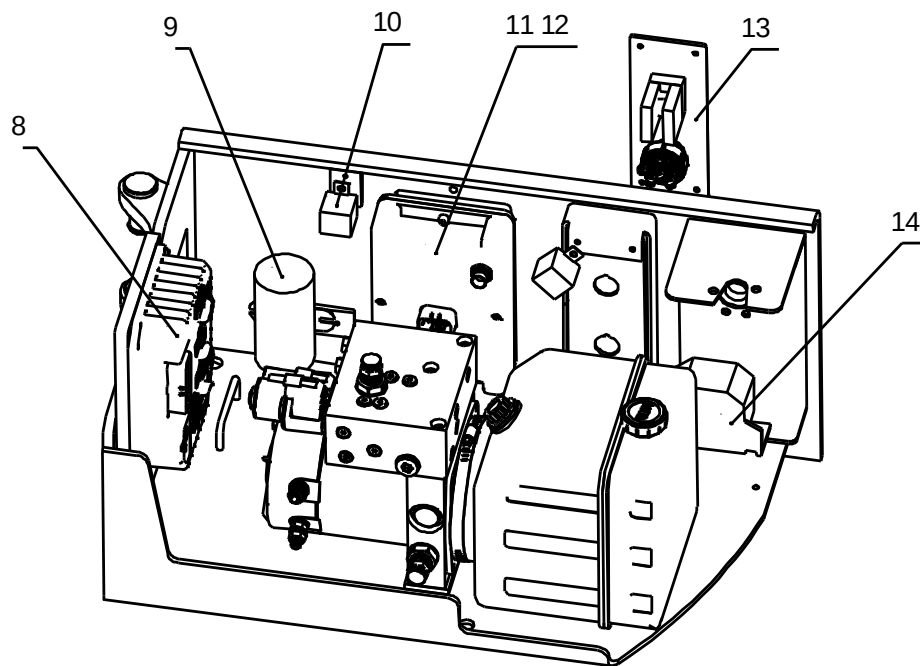
Chassis Electrical Components



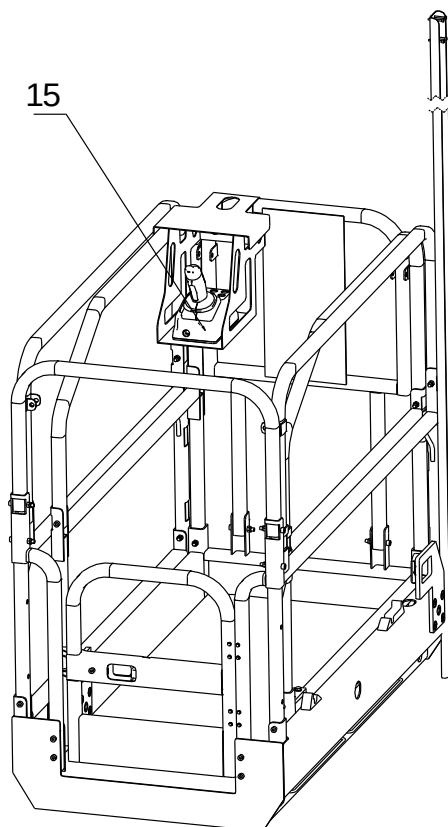
Battery Box Electrical Components



Pump Station Box Electrical Components

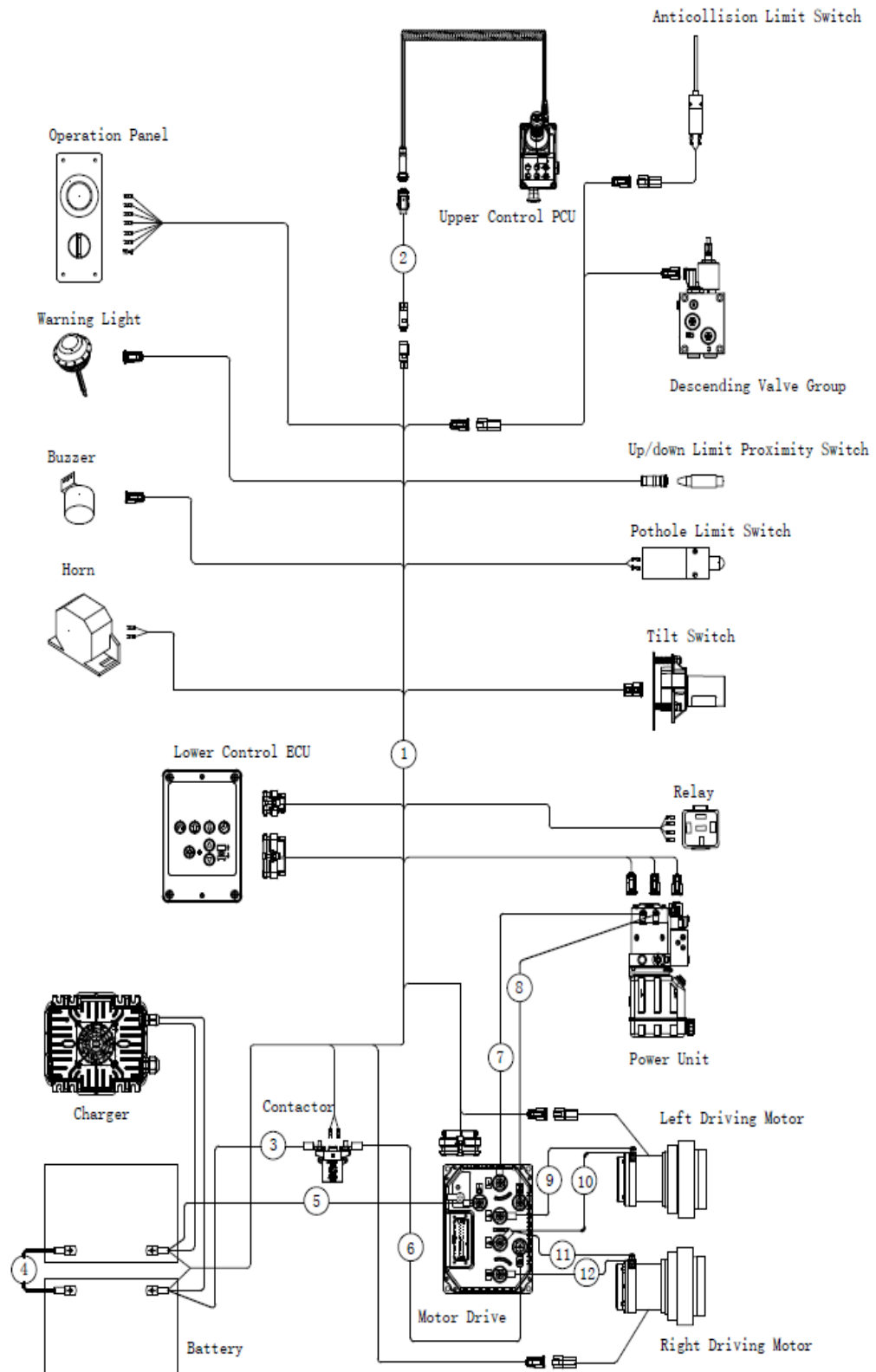


Platform Electrical Components



Nameplate and Marks (81058661)			
No.	Part No.	Description	Qty.
1	80832231	Tilt Sensor SYSH	1
2	81075600	Proximity Switch XS112BHPAM12	2
3	80890026	Warning Light GY32	2
4	80500252	Travel Switch XCK N2102P20C	2
5	80791342	Battery DC12V	2
6	80723471	Buzzer DJB-24B	1
7	81048672	Battery Charger TZ-CH03C-2415	1
8	80789819	3 in 1 Motor Controller TZ-JC-UN2413	1
9	80791341	DC Contactor SDC15-300A-M-W/24V	1
10	81113007	Relay ZTV4/024-1Z-Z	2
11	80765436	ECU TZ-LZ-ZZJC-ECU-HC	1
12	80935415	Network Card for MEWP	1
13	81055547	Operation Panel	1
14	80736721	JLG Horn	1
15	80765435	PCU TZ-LZ-ZZJC-PCU-01	1

Electrical Harness



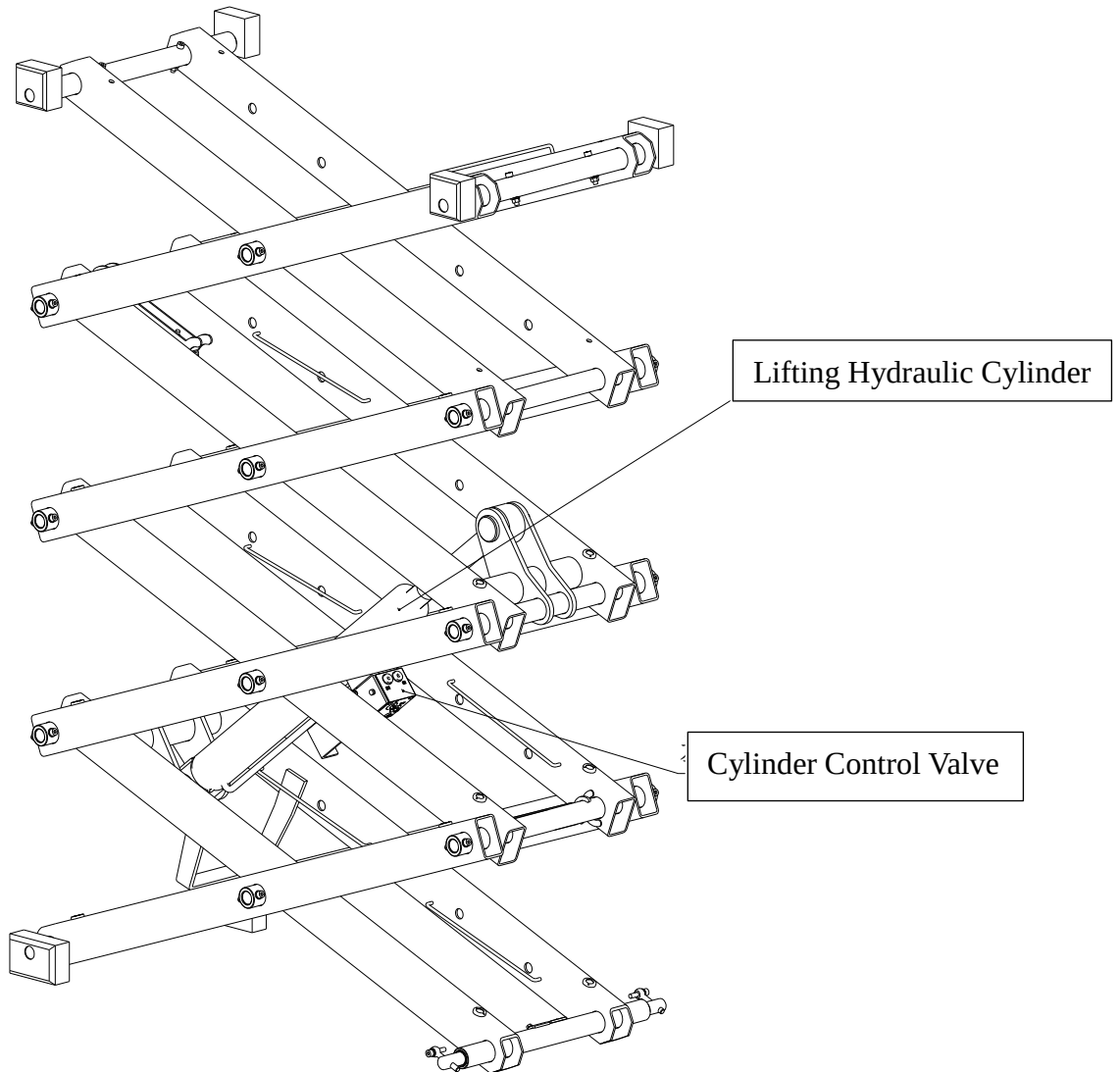
No.	Part No.	Description		Qty.
1	81055449	Master Harness		1
2	81055451	PCU Harness		1
3	81055442	Power Supply Harness	Battery to Contactor	1
4			Battery Short Harnesss	1
5			Battery to Drive B-	1
6			Contactor to Drive BF	1
7			Drive P- to Power Unit Motor	1
8			Drive B+ to Power Unit Motor	1
9			Drive 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

Hydraulic System

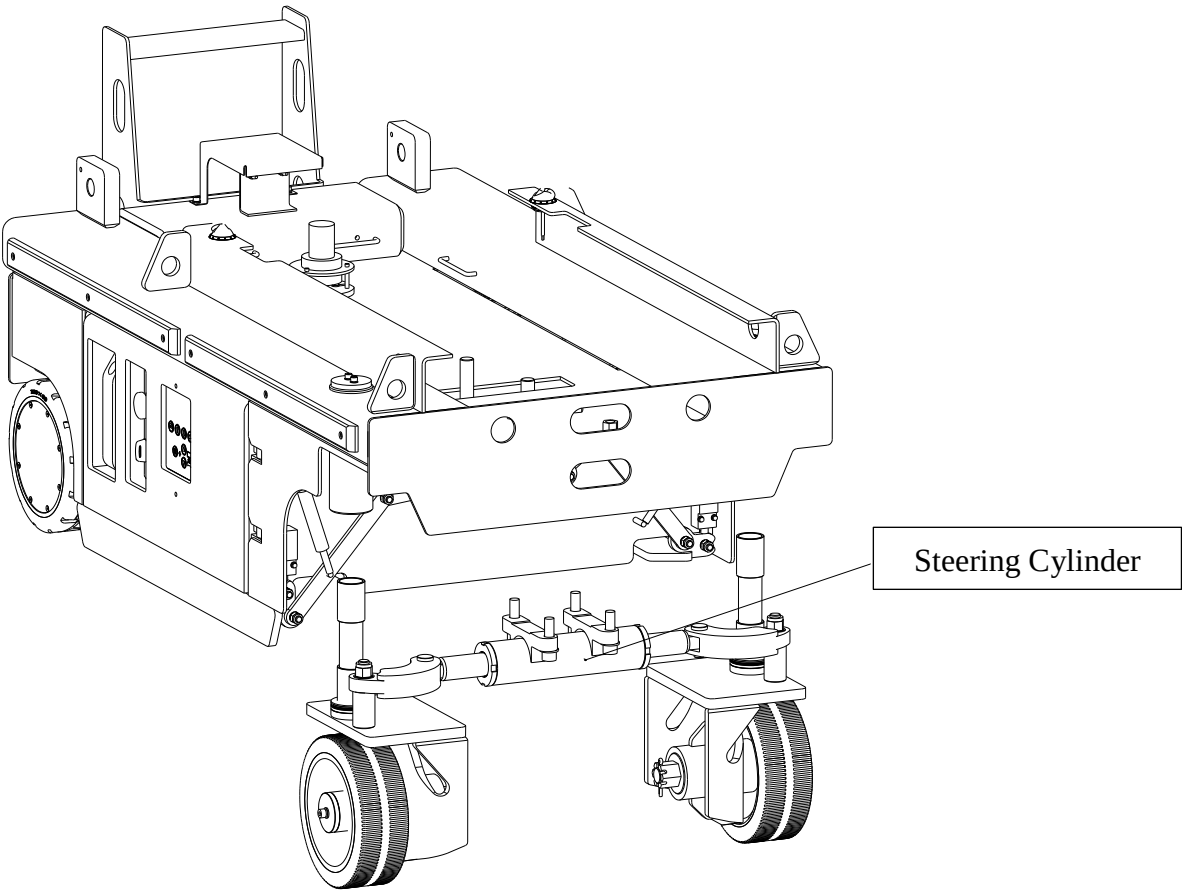
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Scissor Hydraulic Components



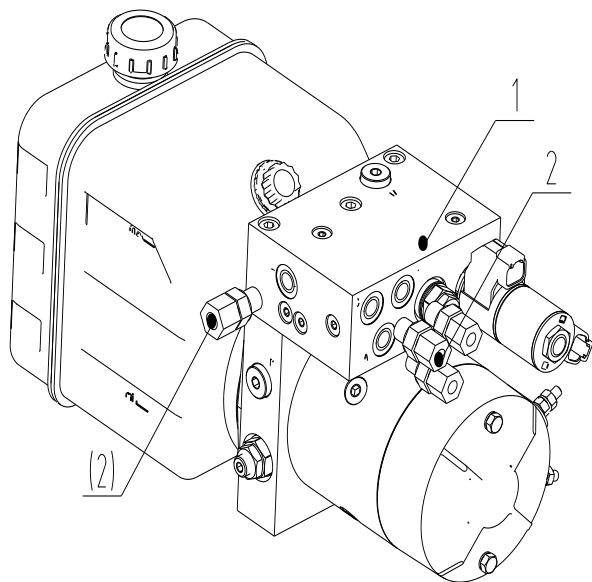
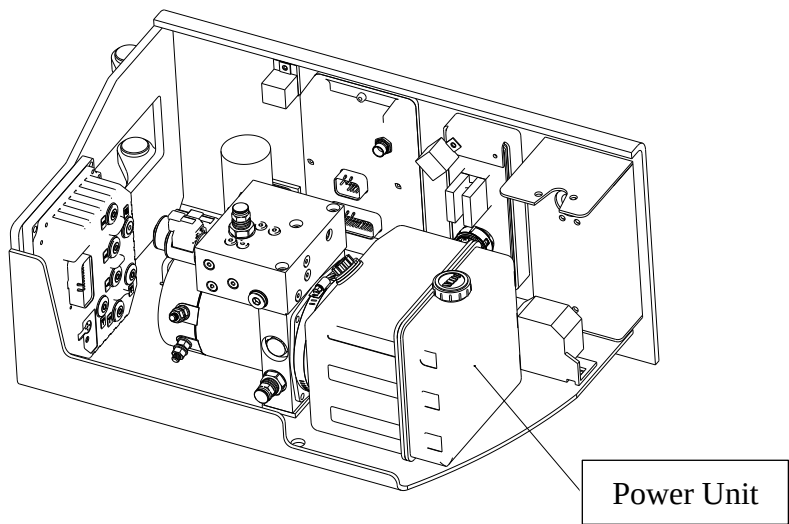
Lifting Hydraulic Cylinder Components			
No.	Part No.	Description	Qty.
1	80902836	Cylinder	1
2	80985560	Control Valve	1
3	80903031	Straight End Joint	2
4	80259489	Union Elbow	2

Chassis Hydraulic Components



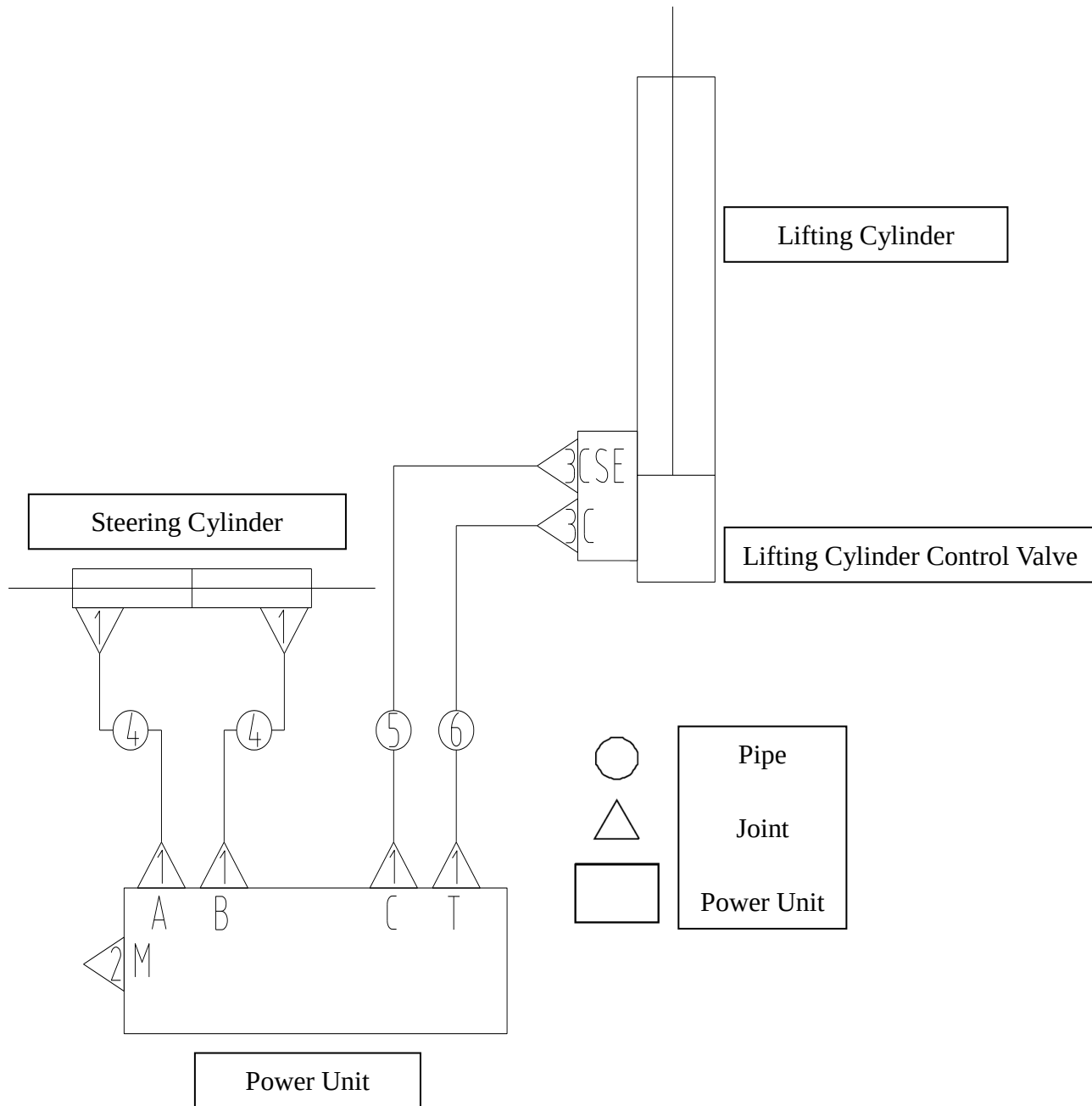
Steering Cylinder Components			
No.	Part No.	Description	Qty.
1	80902838	Steering Cylinder	1
2	80173251	Straight End Joint	2

Power Unit



Power Unit Components			
No.	Part No.	Description	Qty.
1	81057870	Power Unit	1
2	80173251	Straight End Joint	3

Hydraulic Piping Layout



Hydraulic Pipe			
No.	Part No.	Description	Qty.
1	80173251	Straight End Joint	6
2	808259704	Stress Joint	1
3	80903031	Straight End Joint	2
4	81059117	Pipes	2
5	81059116	Pipes	1
6	81059115	Pipes	1