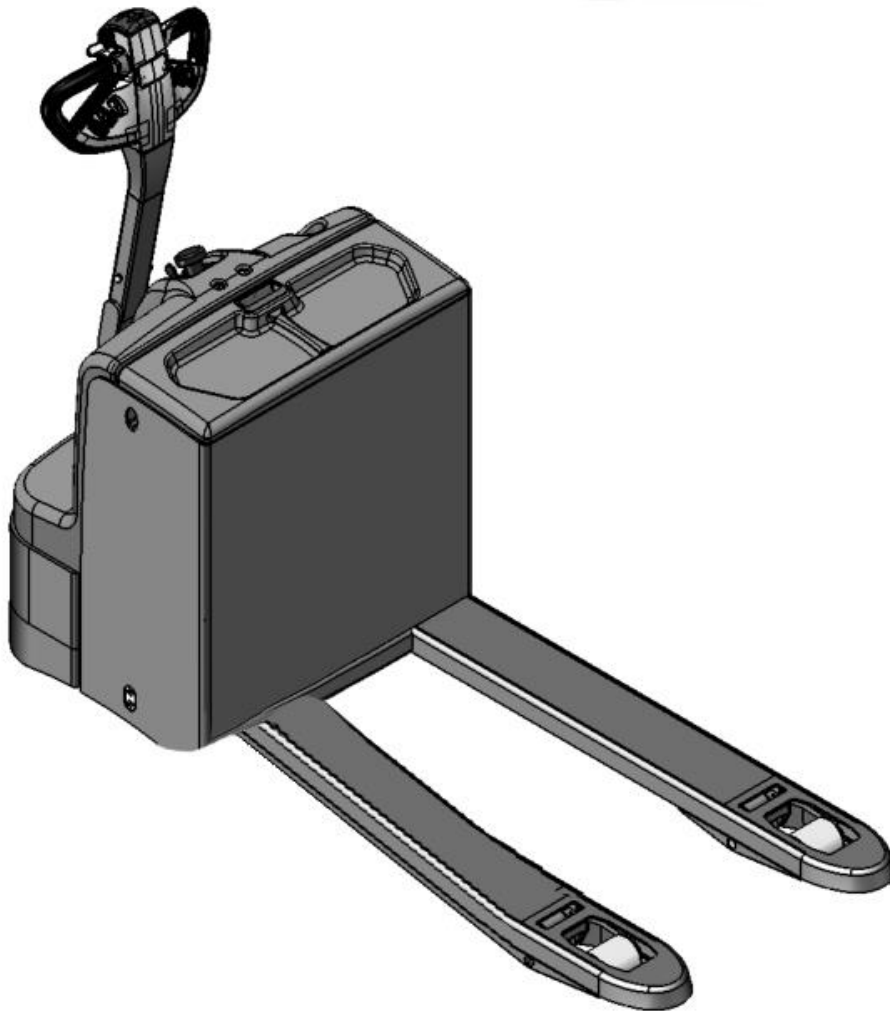


Part List

EP20E / EP25E Series Electric Pallet Jack



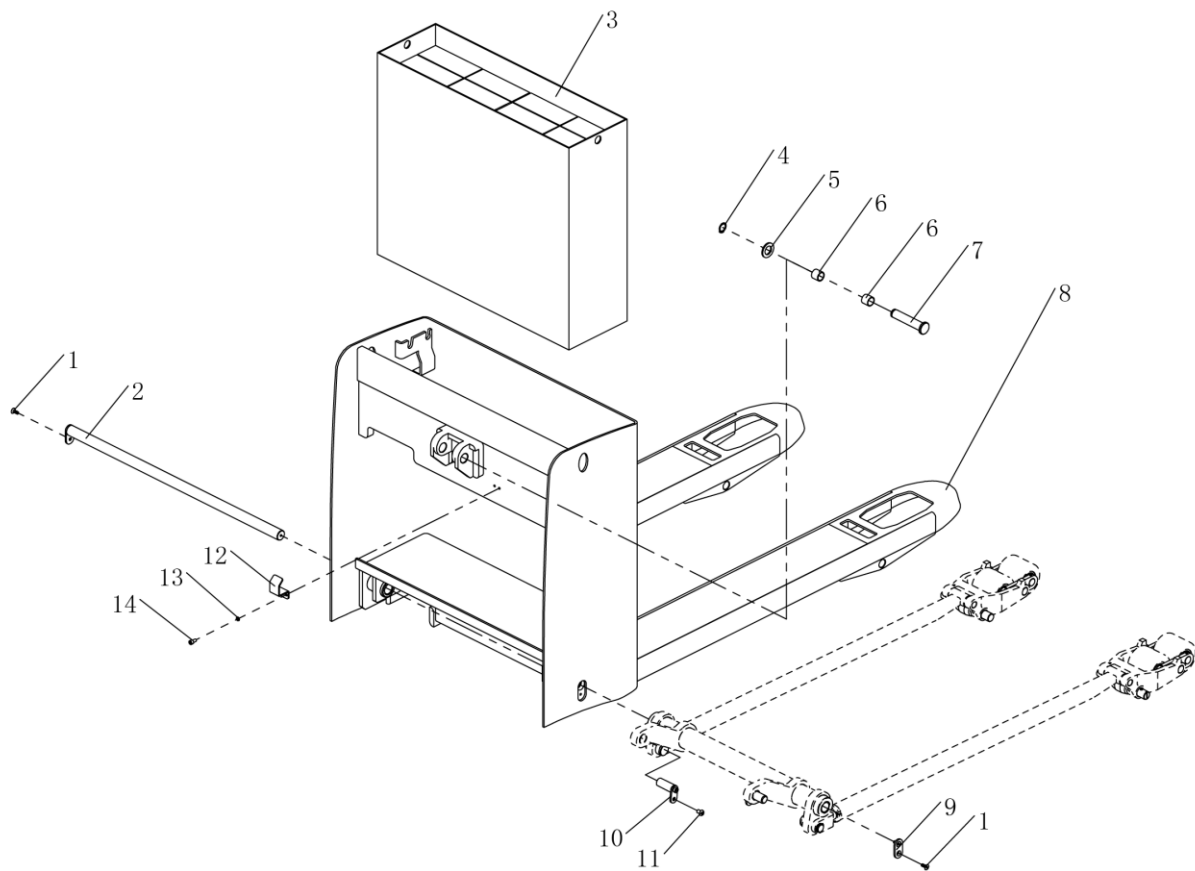
EKKO Material Handling Equipment Manufacturing, Inc.

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1. Body System

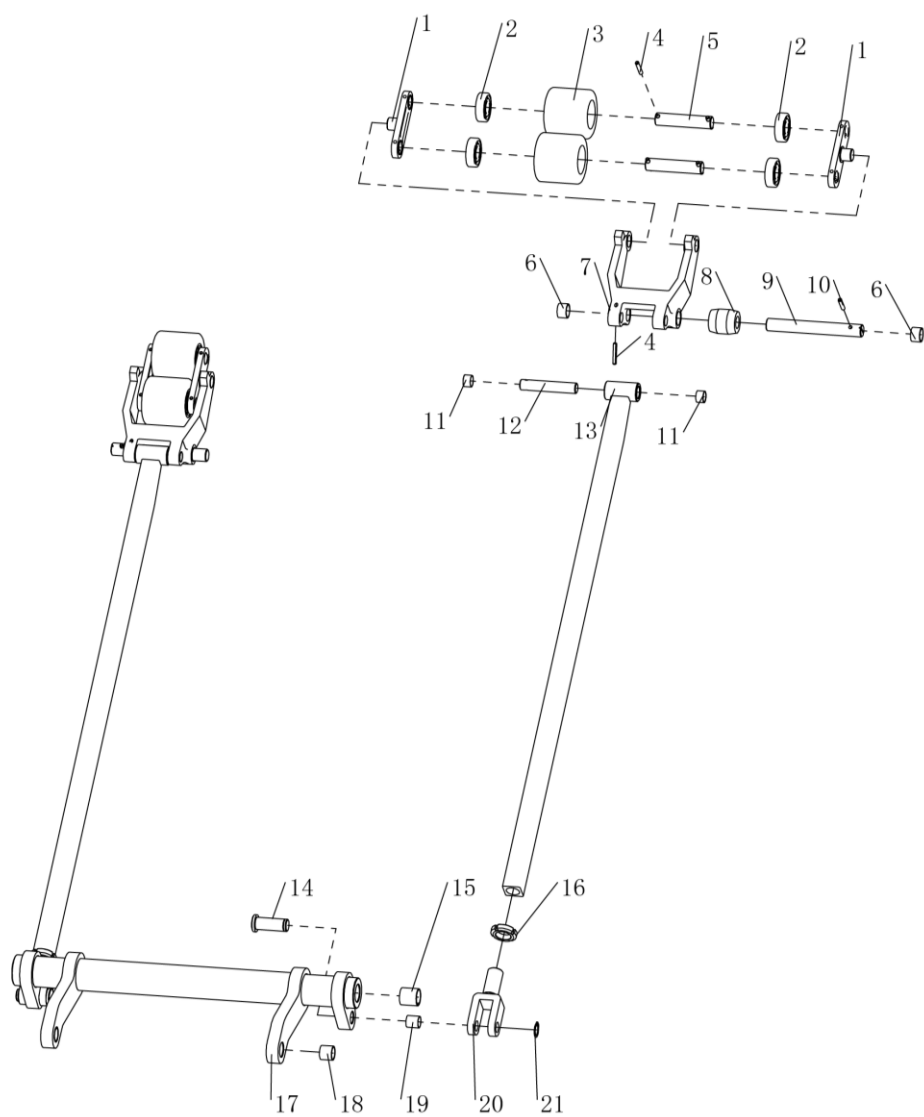
1.1 Frame Assembly



1.1 Frame Assembly

No.	Code No.	Name		Qty.	Note
1	GB/T 70.3-2000	Hexagon socket countersunk head screws	M0.23×0.63	3	
2	EP20E-02.4	Long back shaft welded		1	
3	EP20E-02.8	Battery box group	24V240Ah	1	
4	GB 894.1-86	Circlip for shaft	Φ0.8	3	
5	GB/T 95-2002	Flat washer	Φ0.8	1	
6	TY-02.28	Composite setΦ23×Φ20×20		2	
7	EP20E-02.5	Oil cylinder axle		1	
8	EP20E-02.1	Frame welded (685)		1	
	EP20E-04.1	Frame welded (540)		1	
9	EP20E-02.7	Long back shaft stock block		1	
10	EP20E-01.5	Diameter welded		2	
11	GB/T 70.2-2000	Hexagon socket button head screws	M0.3×0.5	2	
12	EP20E-02.10	Lifting stock block		1	
13	GB/T 93-1987	Spring Washer	Φ0.23	2	
14	GB/T 70.1-2000	Hexagon socket cap screws	M0.23×0.5	2	

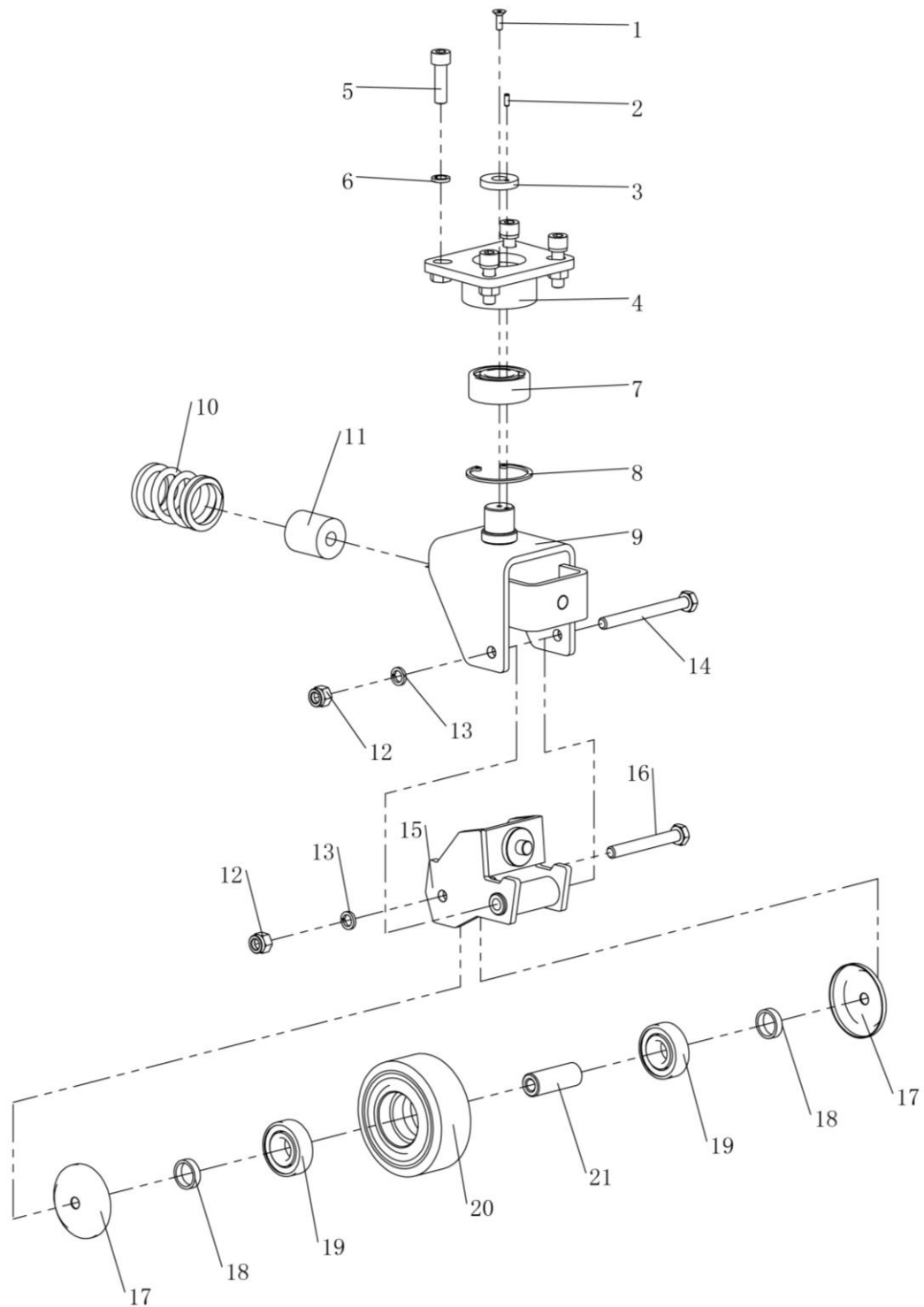
1.2Connecting Rod Assembly



1.2 Connecting Rod Assembly

No.	Code No.	Name		Qty.	Note
1	EP20EGA-02.11	Connecting Rod		4	
2	GB/T 276-94	Deep groove ball bearing	6204	8	
3	CL10-5	Small Wheel		4	
4	GB/T 879.1-2000	Elastic cylindrical pin	$\Phi 0.2 \times 1.37$	10	
5	DFL25.1-11 / D	Small axle		4	
6	TY-02.27	Composite set $\Phi 23 \times \Phi 20 \times 15$		4	
7	EP20E.1-3	Lever block		2	
8	EP20E.1-7	Exit the roller		2	
9	EP20E-02.9	Lever block axle		2	
10	GB/T 879.1-2000	Elastic cylindrical pin	$\Phi 0.2 \times 1.18$	2	
11	TY-02.26	Composite set $\Phi 19 \times \Phi 17 \times 12$		4	
12	EP20E.1-1	Push rod axle		2	
13	EP20E-02.3.1	Push rod welded		2	
14	EP20E-02.6	Push rod rear axle		2	
15	TY-02.37	Composite set $\Phi 25 \times \Phi 28 \times 28$		2	
16	GB/T 812-1988	Round nut	M1×0.06	2	
17	EP20E-02.2.1	Ring joint welded (685)		1	
	EP20E-04.2.1	Ring joint welded (540)		1	
18	TY-02.28	Composite set $\Phi 23 \times \Phi 20 \times 20$		4	
19	TY-02.56	Composite set $\Phi 19 \times \Phi 17 \times 20$			
20	EP20E.1-5	Push rod fork		2	
21	GB 894.1-86	Circlip for shaft	$\Phi 0.8$	2	

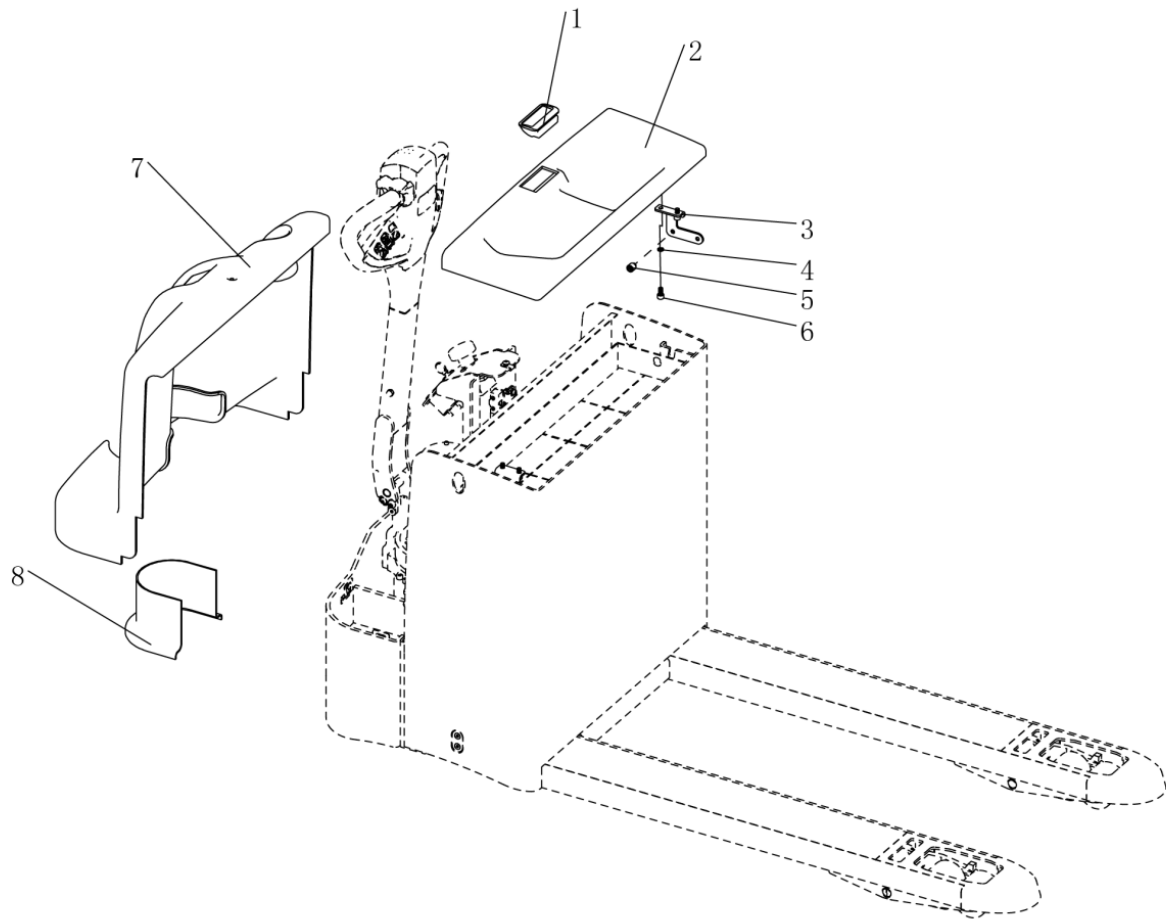
1.3 Balance Wheel Assembly



1.3 Balance Wheel Assembly

No.	Code No.	Name		Qty.	Note
1	GB/T 70.3-2000	Hexagon socket countersunk head screws	M0.2×0.63	2	
2	GB/T 119-2000	Round Pin	Φ0.16×0.39	2	
3	EP20E-01.3.4	Catch		2	
4	EP20E-01.3.1	Upper bracket welded		2	
5	GB/T 70.1-2000	Hexagon socket cap screws	M0.39×1.37	8	
6	GB/T 93-1987	Spring Washer	Φ0.39	8	
7	GB/T 296-94	Double row angular contact bearing	3205 A	2	
8	GB 893.1-86	Circlip for hole	Φ2	2	
9	EP20E-01.3.2	Lower bracket welded		2	
10	EP20E-01.3.6	Small spring Φ6×Φ47×65		2	
11	EP20E.2.3-2	Elastomer		2	
12	GB/T 889.1-2000	Hexagon lock nut	M0.39	4	
13	GB/T 93-1987	Spring Washer	Φ0.39	4	
14	GB/T 5781-2000	Hexagon head bolt full thread	M0.39×3.93	2	
15	EP20E-01.3.3	Small bracket welded		2	
16	GB/T 5781-2000	Hexagon head bolt full thread	M0.39×3.15	2	
17	EP20E.2.3-7	Dust cover		4	
18	EP20E.2.3-8	Washer		4	
19	GB/T 276-94	Deep groove ball bearing	6204-2Z	4	
20	EP20E.2.3-6A	Steering wheel		2	
21	EP20E.2.3-9	Axle sleeve		2	

1.4 Outer Cover Assembly

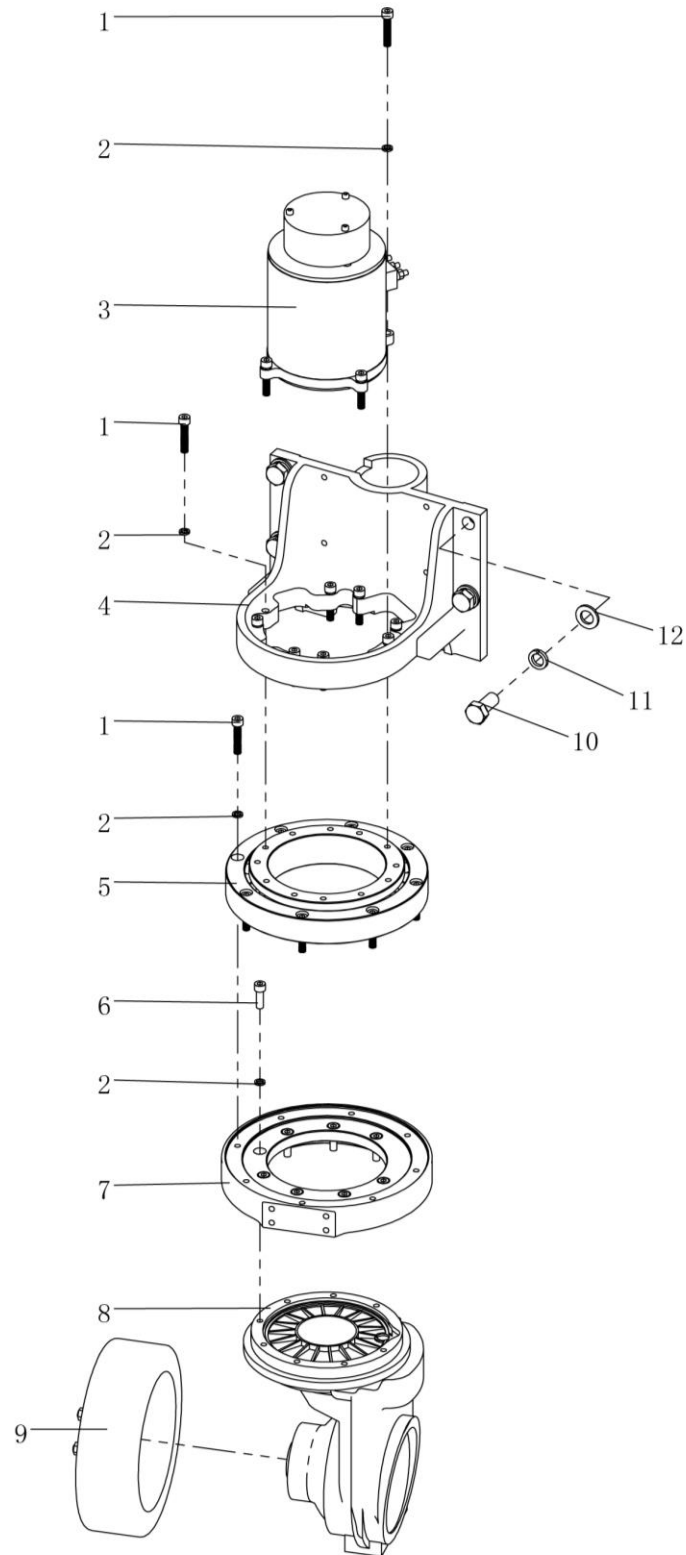


1.4 Outer Cover Assembly

No.	Code No.	Name		Qty.	Note
1	TY-02.8	Recessed aluminum extruded drawer pulls		1	
2	EP20E-03.2.1	Battery cover plate		1	
3	EP20E-03.2.2	Bracket Left		1	
4	GB/T 93-1987	Spring Washer	Φ0.3	4	
5	EP20E-03.2.4	Screens screw		4	
6	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×0.6 3	4	
7	EP20E-03.1	Distribution box cover		1	
8	EP20E-01.2.3	The cover for driving		1	

2. Driving Assembly

2.1 Driving Assembly

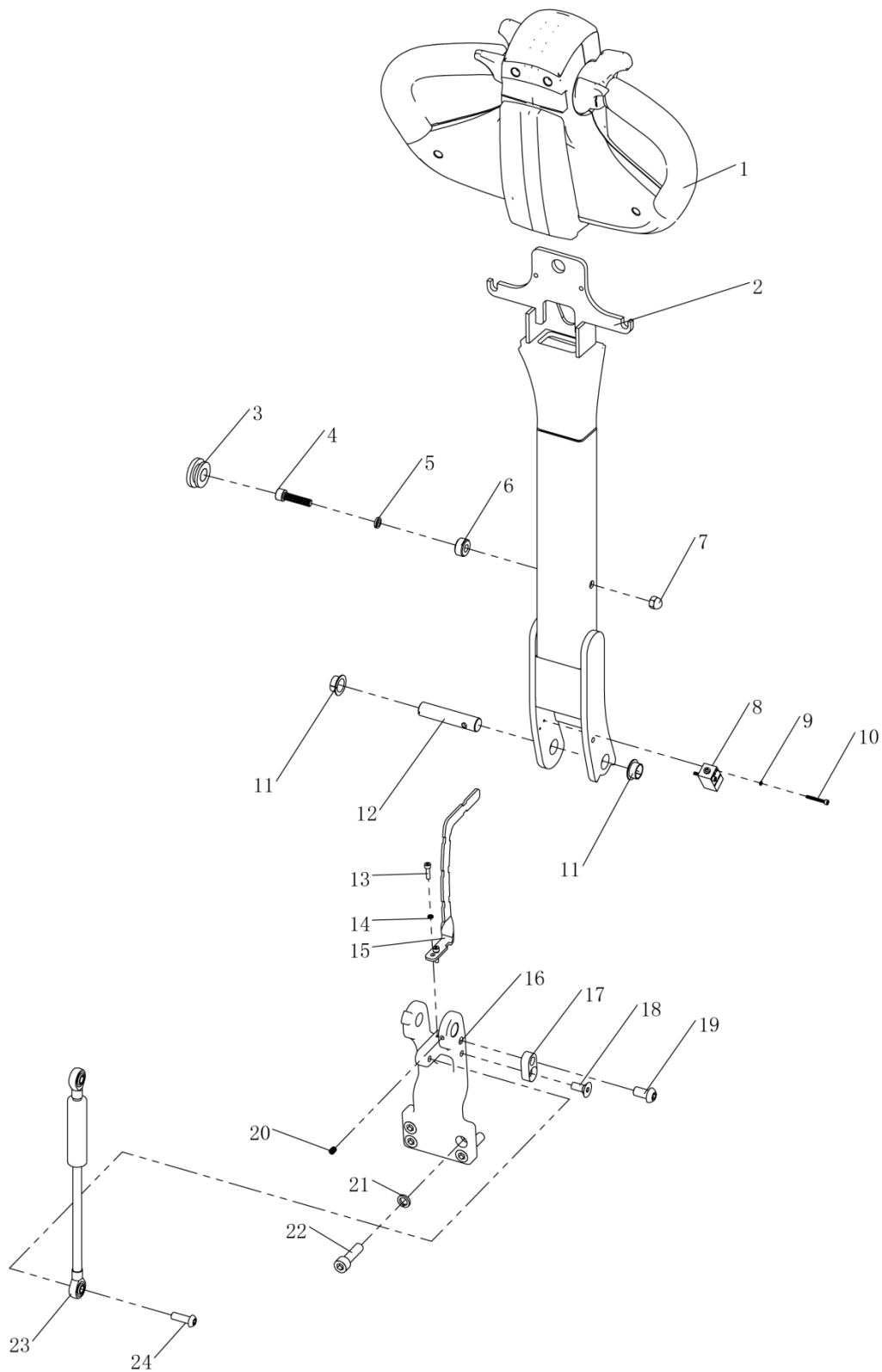


2.1Driving Assembly

No.	Code No.	Name		Qty.	Note
1	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×1.5 7	20	
2	GB/T 93-1987	Spring Washer	Φ0.3	28	
3	TSA120-080-202	Driving Motor	1.3KW	1	
4	EP20E-01.2.1	Driving mount		1	
5	EP20E-01.2.4	Pivotal bearing		1	
6	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×1	8	
7	EP20E-01.2.5	Flange stents		1	
8	4699_601_203_GK10(081)	Gear case		1	
9	Φ230×70	Driving wheel		1	
10	GB/T 5781-2000	Hexagon head bolt full thread	M0.63×1. 37	4	
11	GB/T 93-1987	Spring Washer	Φ0.63	4	
12	GB/T 95-2002	Flat washer	Φ0.63	4	

3 Handle Assembly

3.1 Handle Assembly

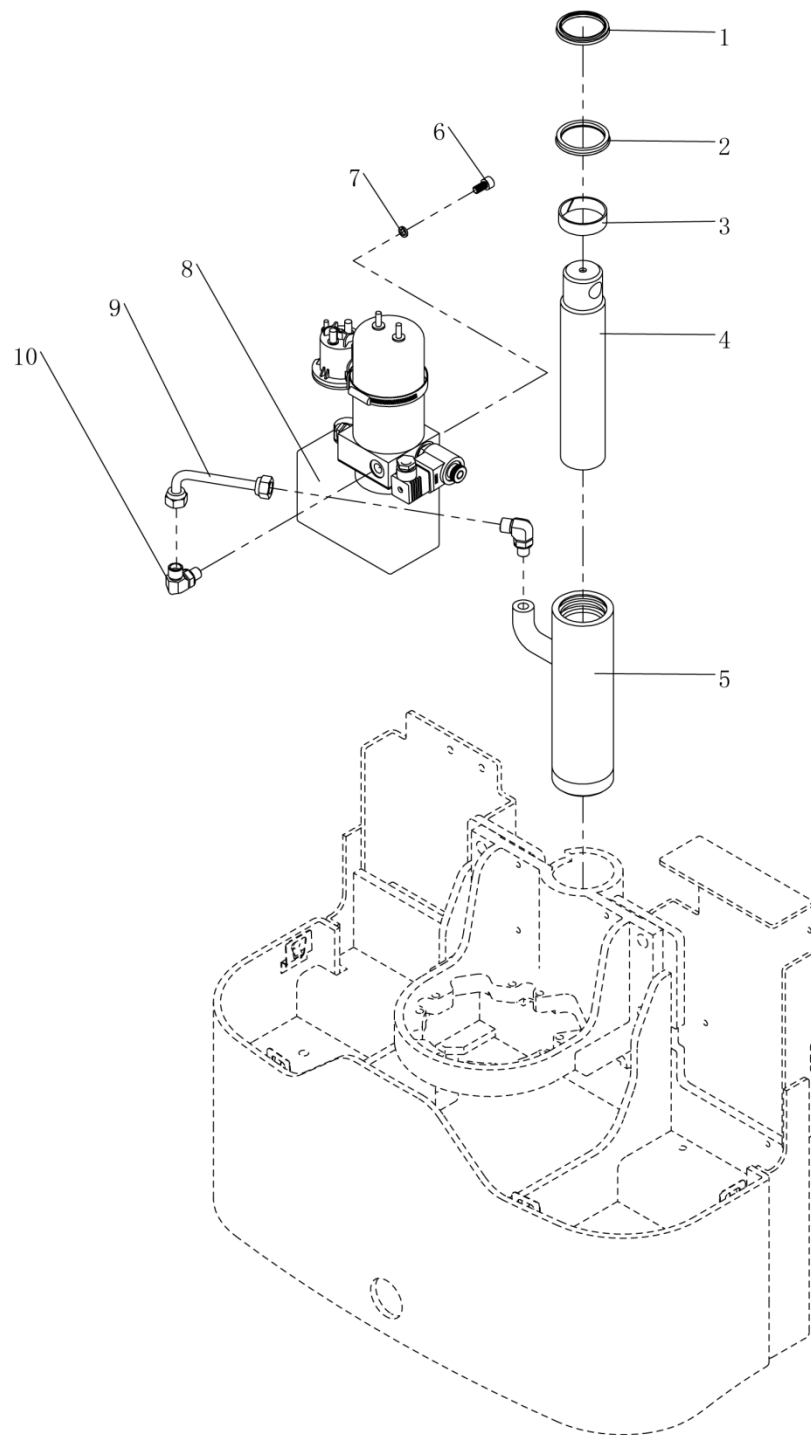


3.1Handle Assembly

No.	Code No.	Name		Qty.	Note
1	TY-01.20	DT handle	T606-1	1	
2	EP20E-01.2.2.1	Handle rod welded		1	
3	EP15J.8-1	Crash pad		1	
4	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×1.37	1	
5	GB/T 93-1987	Spring Washer	Φ0.3	1	
6	EP15J.03-09	Sleeve		1	
7	GB 923-88	Acorn nut	M0.3	1	
8	TY-01.37	Proximity switch	CJF17-05P A	1	
9	GB/T 93-1987	Spring Washer	Φ0.11	2	
10	GB/T 70.1-2000	Hexagon socket cap screws	M0.11×1	2	
11	TY-02.22	Composite set with shoulder Φ24×Φ18×Φ16×10		2	
12	EP15J.03-07	Joint Axis		1	
13	GB/T 70.1-2000	Hexagon socket cap screws	M0.16×0.63	2	
14	GB/T 93-1987	Spring Washer	Φ0.16	2	
15	EP20E-01.2.2.5	Harness plate		1	
16	EP20E-01.2.2.4	Joint holder		1	
17	EP20E-01.2.2.3	Stock block		1	
18	GB/T 70.3-2000	Hexagon socket countersunk head screws	M0.3×0.8	1	
19	GB/T 70.2-2000	Hexagon socket button head screws	M0.39×0.8	1	
20	GB/T 77-2000	The inner hexagonal flat end fastening screw.	M0.23×0.3	2	
21	GB/T 93-1987	Spring Washer	Φ0.39	4	
22	GB/T 70.1-2000	Hexagon socket cap screws	M0.39×1.37	4	
23	EP20E-01.2.2.2	Spring assembly		1	
24	GB/T 70.2-2000	Hexagon socket button head screws	M8×25	1	

4.Hydraulic Assembly

4.1Hydraulic Assembly

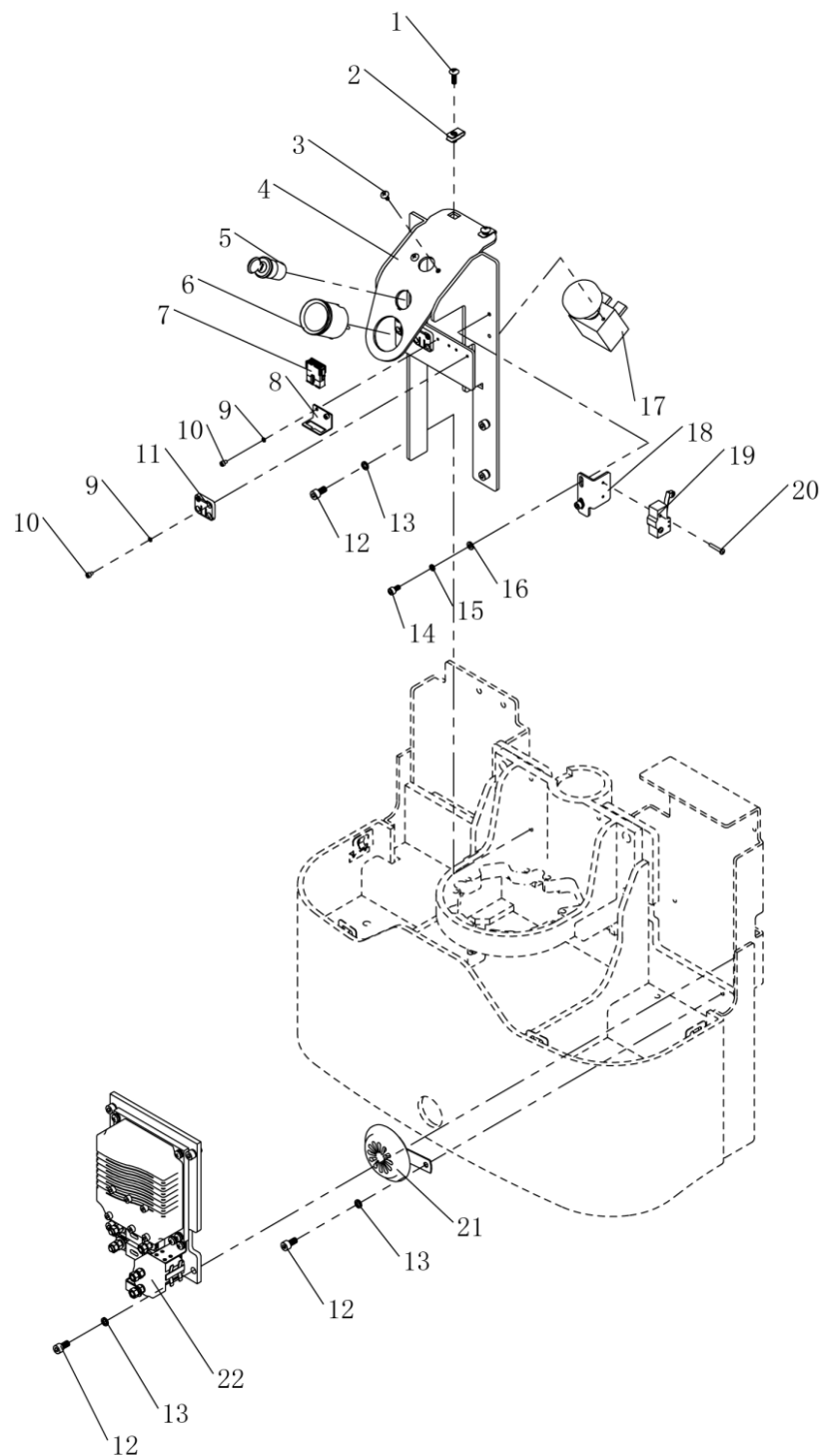


4.1Hydraulic Assembly

No.	Code No.	Name		Qty.	Note
1	GB/T 10708.3-1989	Dustproof rubber sealing ring $\Phi 50 \times \Phi 58 \times 5$		1	
2	GB/T 10708.1-1989	High and low lip seal ring $\Phi 50 \times \Phi 60 \times 7$		1	
3		Fabric phenolic		1	
4		Piston rod		1	
5		Cylinder welded		1	
6	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×0. 63	2	
7	GB/T 93-1987	Spring Washer	$\Phi 0.3$	2	
8	EP20E	Pump station	0.8kw	1	
9	EP20E-01.7	High-pressure oil pipe		1	
10	EP15J-01.2.4	Right-angle connector		2	

5. Electrical Panels Assembly

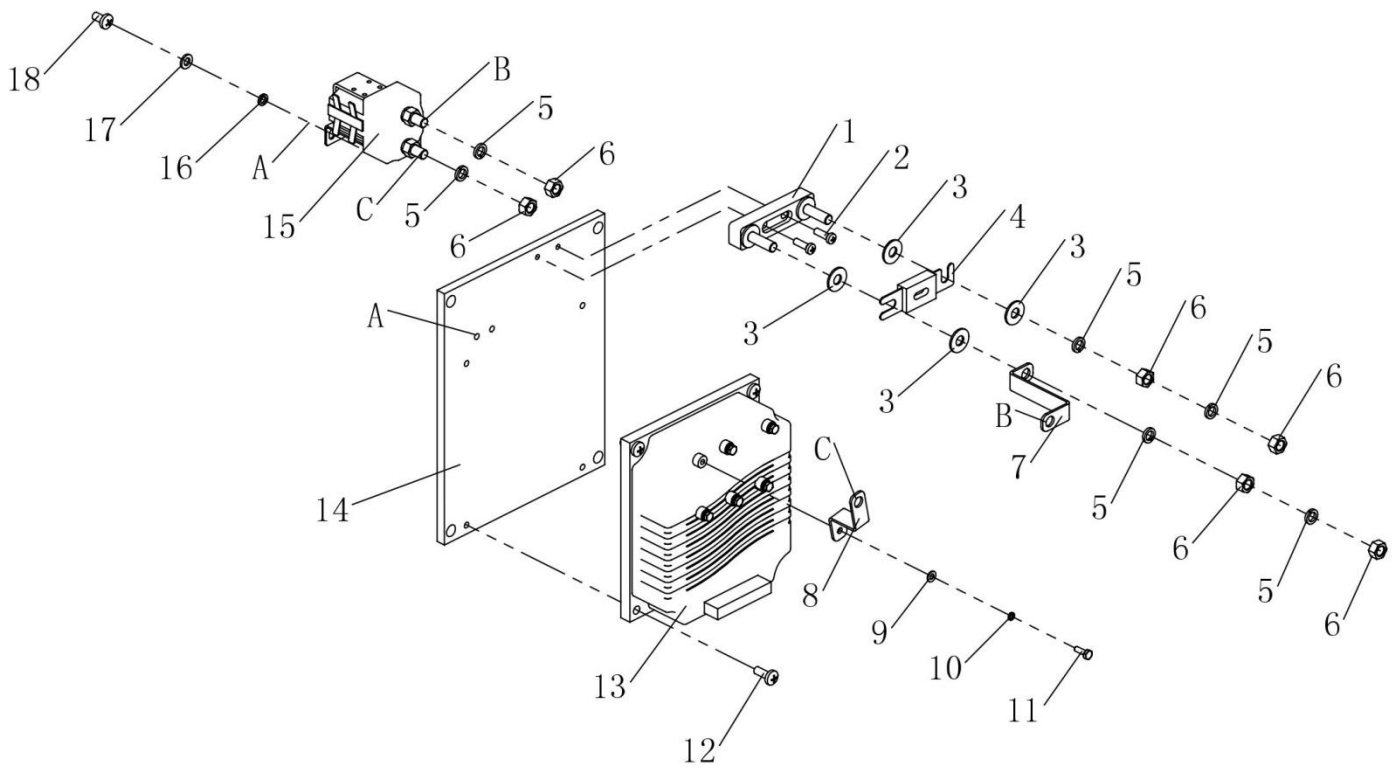
5.1 Electrical Panels Assembly



5.1Electrical Panels Assembly

No.	Code No.	Name		Qty.	Note
1	GB 973-1976	Large flat head cross screw	M0.23×0.63	2	
2		Spring clip nut.	M0.23	2	
3	GB 973-1976	Large flat head cross screw	M0.2×0.5	2	
4	EP20E-01.6.1	Bracket welded		1	
5	TY-01.17	Key switch		1	
6	TY-01.16	Coulombmeter	DC24V	1	
7		12chip connector		1	
8	EP20E-01.6.3	Plug board 12chip		1	
9	GB/T 93-1987	Spring Washer	Φ0.16	8	
10	GB/T 70.1-2000	Hexagon socket cap screws	M0.16×0.23	8	
11	EP15J-01.4.7	Wire bale		3	
12	GB/T 70.1-2000	Hexagon socket cap screws	M0.3×0.63	9	
13	GB/T 93-1987	Spring Washer	Φ0.3	9	
14	GB/T 70.1-2000	Hexagon socket cap screws	M0.23×0.5	2	
15	GB/T 93-1987	Spring Washer	Φ0.23	2	
16	GB/T 95-2002	Flat washer	Φ0.23	2	
17	TY-01.14	Emergency stop switch	ED250P-1	1	
18	EP20E-01.6.2	Micro switch mounting plate		1	
19	TY-01.35	Microswitch(length)RZ-15GW2 S-B3		1	
20	GB/T 818-2000	Cross recess pan head screw	M0.16×1	2	
21	TY-01.18	Horn DC24/Φ125		1	
22	DK1230-02	Ac electronic control components		1	

5.2 Electronic Control Assembly



5.2 Electronic Control Assembly

No.	Code No.	Name		Qty.	Note
1	TY-02.32	Fuse-base		1	
2	GB/T 818-2000	Cross recess pan head screw	M0.2×0.6 3	2	
3		Copper backing		4	
4	TY-01.1	Fuse	200A	1	
5	GB/T 93-1987	Spring Washer	Φ0.3	6	
6	GB/T 6170-2000	Hexagon nut	M0.3	6	
7	DK1230-01.2	Copper plate (1)		1	
8	DK1230-03.3	Copper plate (2)		1	
9	GB/T 95-2002	Flat washer	Φ0.16	6	
10	GB/T 93-1987	Spring Washer	Φ0.16	6	
11	GB/T 5783-2000	Hexagon bolt	M0.16×0. 5	6	
12	GB/T 818-2000	Cross recess pan head screw	M0.23×0. 63	4	
13	1230	AC electric control		1	
14	EP20E-01.8.1	Electrically controlled mounting plate		1	
15	TY-01.41	Relay	SW80	1	
16	GB/T 93-1987	Spring Washer	Φ0.23	2	
17	GB/T 95-2002	Flat washer	Φ0.23	2	
18	GB/T 818-2000	Cross recess pan head screw	M0.23×0. 5	2	

**The power of interpretation of this part catalogue will be preserved
by the manufacturer.**