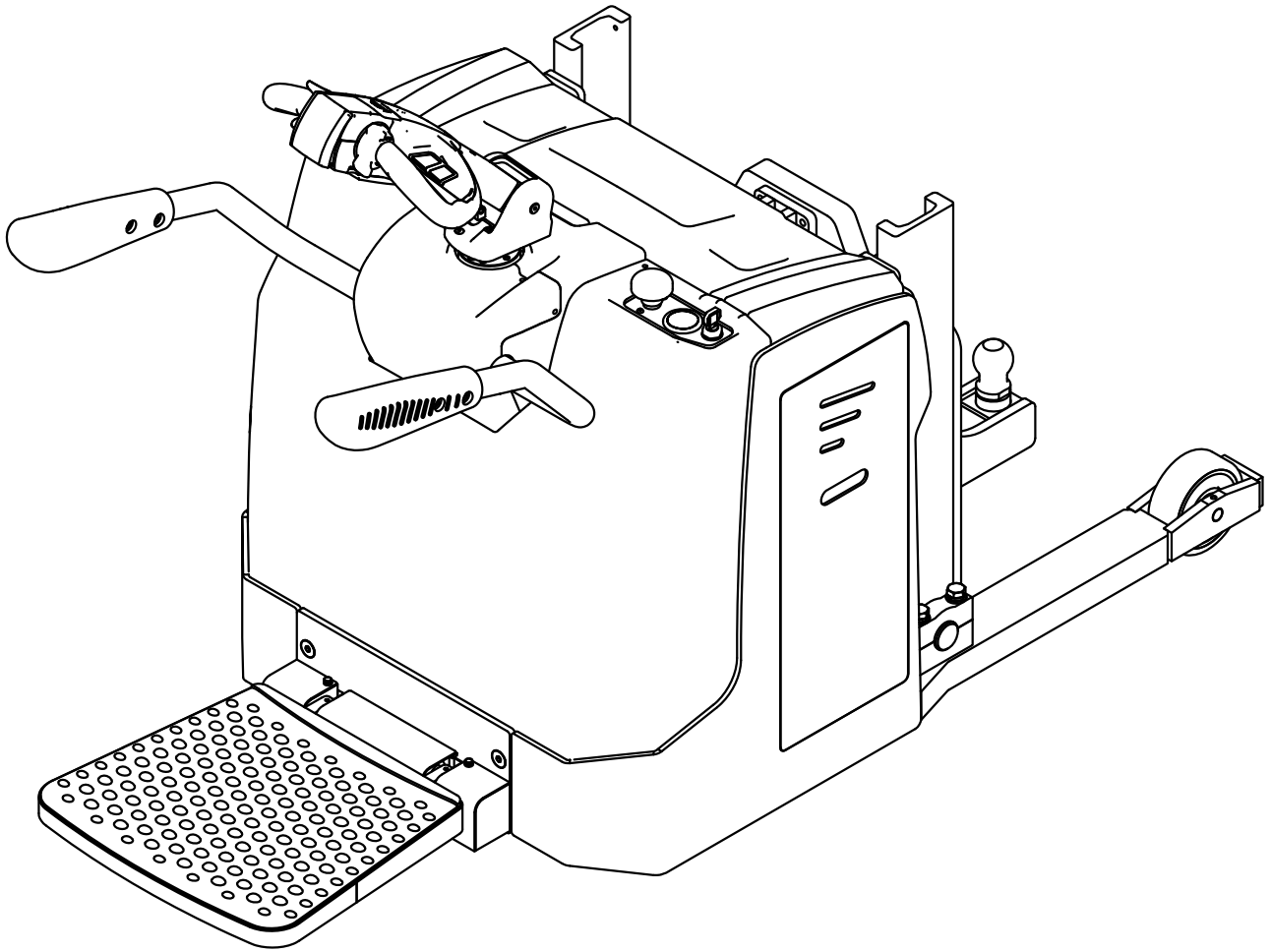
MiMA® 米玛®

MHE DESIGNER & MANUFACTURER

PARTS LIST

MGC40 Towing Tractor



BANYITONG SCIENCE&TECHNOLOGY DEVELOPING CO.,LTD.

INSTRUCTION

1. This parts list is for MGC40F202 electric towing tractor;

2. When user purchase the parts, please write clearly about the model and series number, item number, name and quantity of the required parts for the towing trator;

3. To ensure quality,please use our parts when repair and change the parts;

4. We'll improve or change some part to improve the quality of the stacker, this parts list can't modity one by one on time, thanks for understand. Please contact with our sales or distributor for details;

Version No.: 20190403

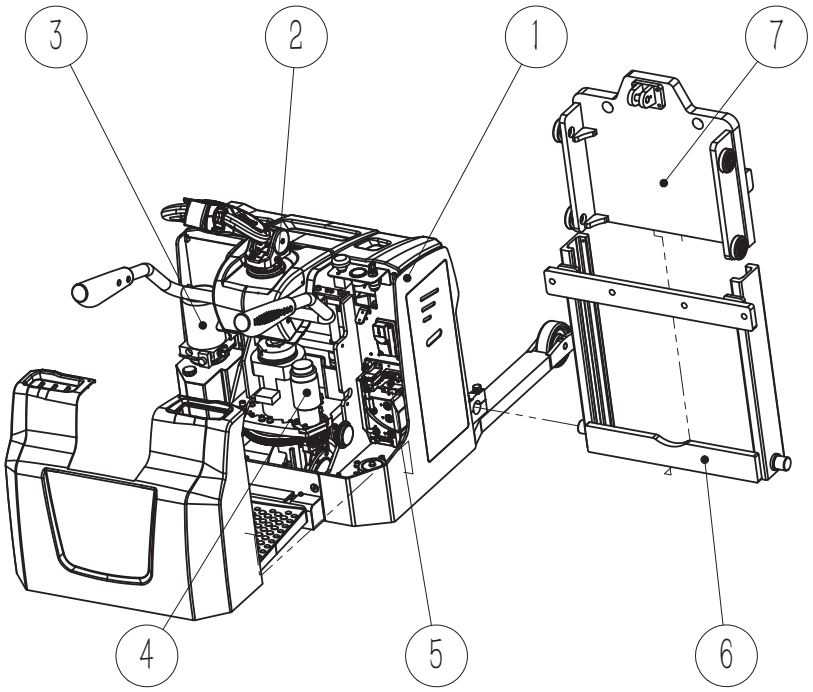
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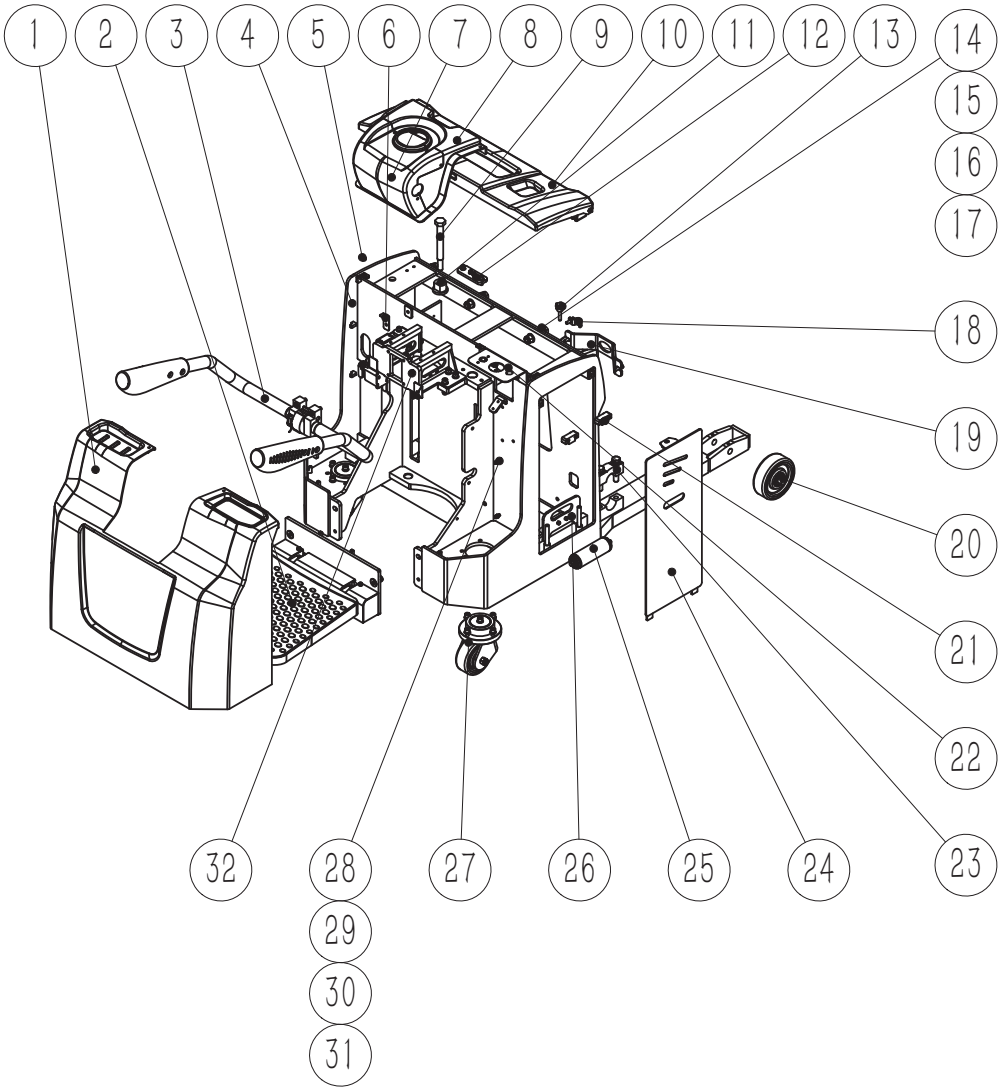
Diagram 1-1 Electric Towing Tractor



MGC40

No.	Model Code	Name	Qty.	Remarks
1	MGC40.1F202	Body System	1	
2	MB15.5	Steering System	1	
3		Hydraulic System	1	
4	MB15.4	Driving System	1	
5		Electrical System	1	
6	TG40.2.1F201	Mast Assembly	1	
7	MGC40.2.2F202	Tractor Frame Assembly	1	

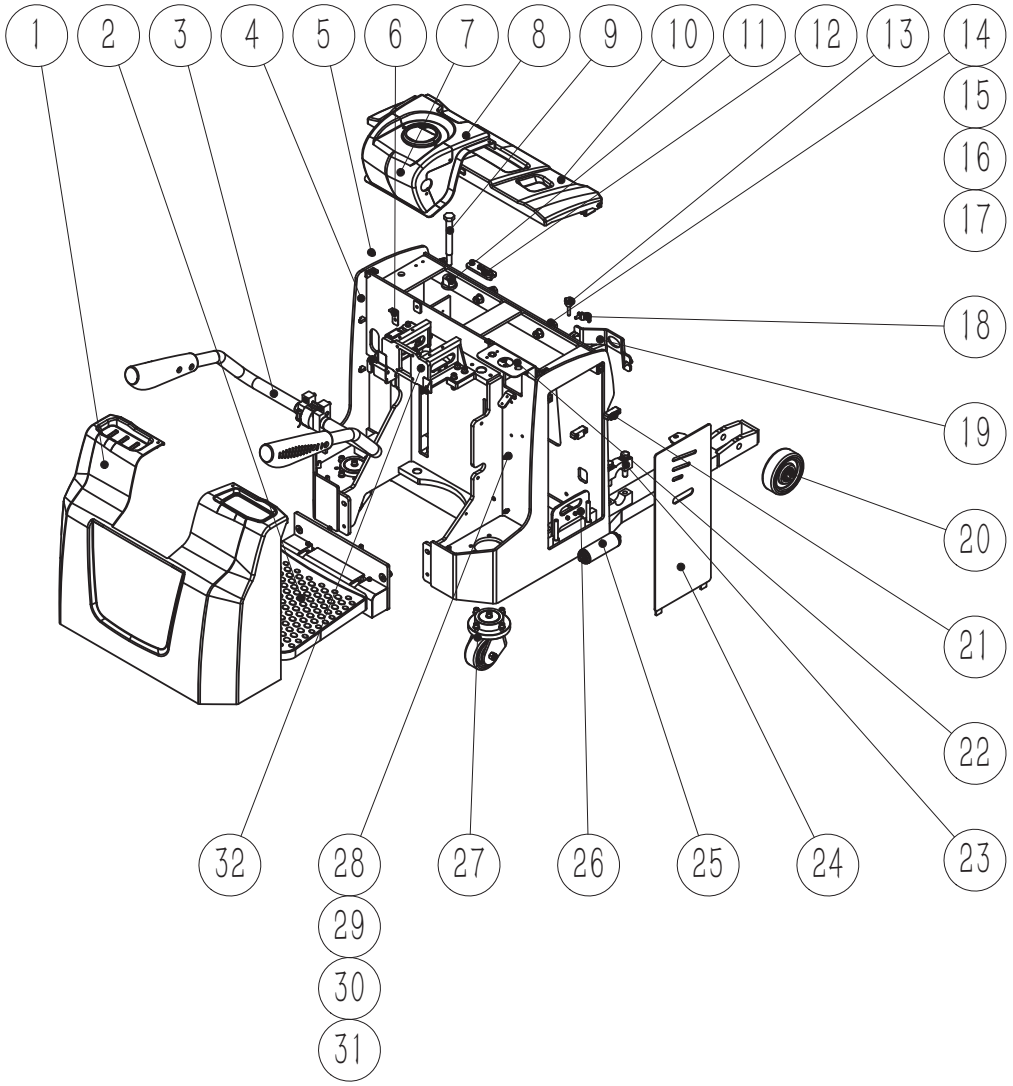
picture 2-1 MGC40.1F202 forklift body system



MG40

No.	Code	Name	Qty.	Remark
1	MB15.1.22	large cover	1	
2	TEP25.1.10	Pedal assembly	1	
3	BHB02-ZP	Arm guard assembly	1	
4	MGC40.1.1F202	Body welding	1	
5	TEP25.2.12.2	magnet	4	
6	MB15.1.27	Casing mounting plate	2	
7	MB15.1.24	Rear cover	1	
8	MB15.1.23	Upper cover	1	
9	TE30.1.5F09	Adjustment bolt	1	
10	MB15.1.21-ZP	Battery cover assembly	1	
11	TE30.1.4F09	Adjustment seat	1	
12	TE30.1.3F09-ZP	Pusher plate assembly on the drive frame	2	
13	JB7274 M8×40B	Star handle	1	
14	GB97.1 16	Flat Washers	8	
15	GB93 16	Spring washer	4	
16	GB5782 M16×80	Hex head bolt	4	
17	GB889.1 M16	Hex nuts	4	
18	TKA15.3.9-ZP	Single side single pipe clamp assembly	1	
19	MB15.1.13-ZP	Battery baffle assembly	2	
20	TG40.1.10F201	Front wheel assembly	2	
21	BSB01.02-ZP	Shock pad assembly	2	
22	MB15.1.20-ZP	Dashboard assembly	1	
23	MB15.1.16-ZP	Upper card assembly	2	
24	MB15.1.18	Side door welding	1	

picture 2-2 MGC40.1F202 forklift body system

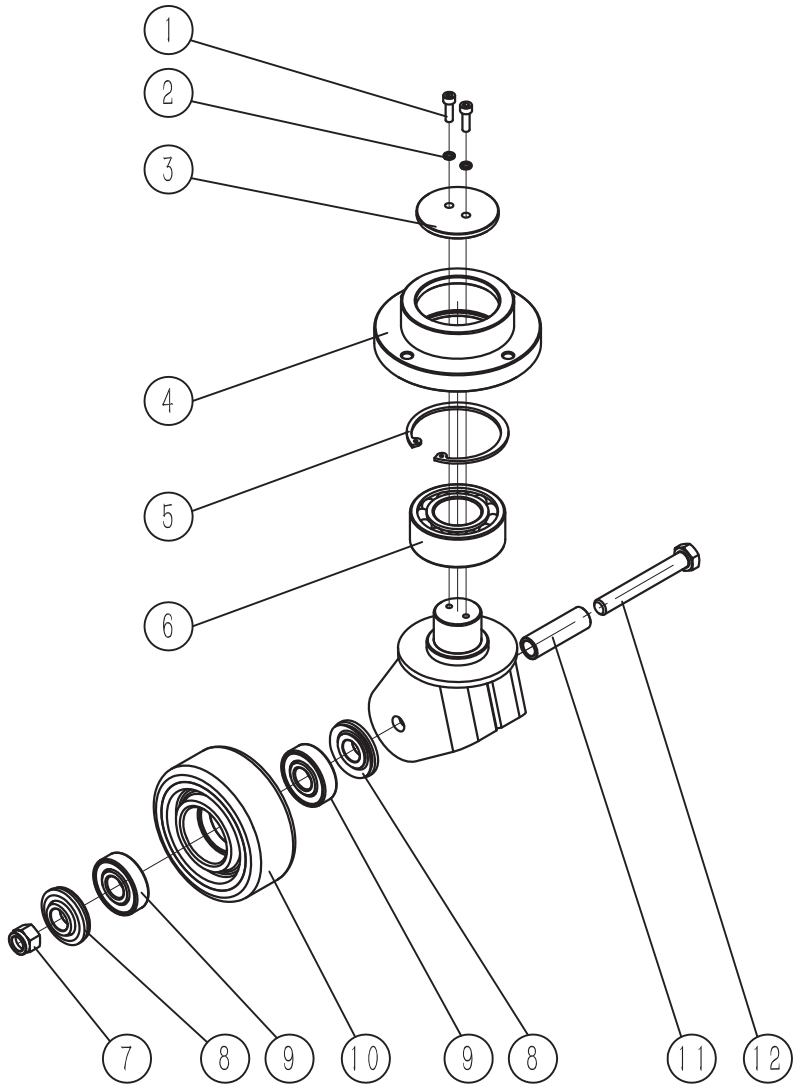


MGC40

No.	Code	Name	Qty.	Remark
25	1.200.JHA.ACB-155W	Roller	4	
26	MB15.1.17	Battery latch assembly	1	
27	TEP25.1.2.8-ZP	Universal wheel assembly	2	
28	GB70.1 M6×30	Hexagon socket head cap screw	4	
29	GB97.1 6	Flat Washers	4	
30	GB93 6	Spring washer	4	
31	GB6170 M6	Hex nuts	4	
32	MB15.1.19-ZP	Steering bearing assembly	1	
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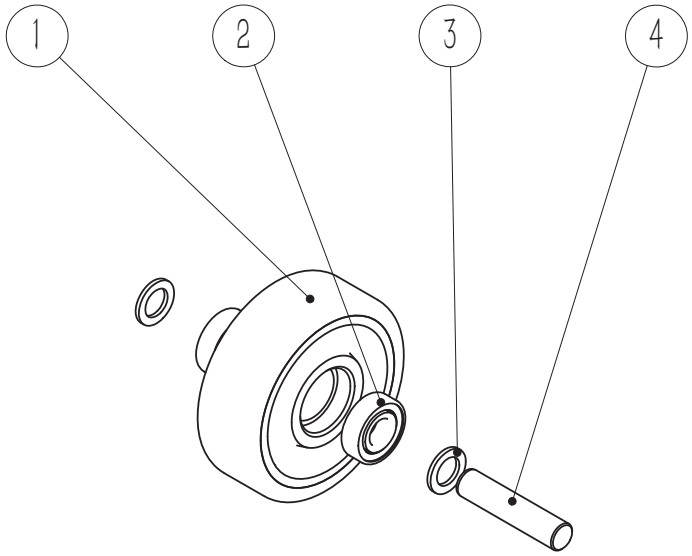
1-3 TEP25.1.2.8 Universal wheel assembly

MGC40



No.	Code	Name	Qty.	Remark
1	GB70.1 M6×20	Hexagon socket head cap screw	2	
2	GB93 6	Spring washer	2	
3	TEP25.1.2.8.6	Universal wheel cover	1	
4	TEP25.1.2.8.2	Balance wheel bearing	1	
5	GB893.1 80	Hole circlip	1	
6	GB296 3208A	Contact ball bearing	1	
7	GB889.1 M14	Hexagon lock nut	1	
8	TEP25.1.2.8.4.1	Balance wheel rubber cover	2	
9	GB276 6304-2Z	Deep groove ball bearing	2	
10	BCL125×50A.2	Load-bearing tire	1	
11	TEP25.1.2.8.5	Balance wheel tire	1	
12	GB5780 M14×100	Hex head bolt	1	

picture2-4 TG40.1.10F201 Front wheel assembly

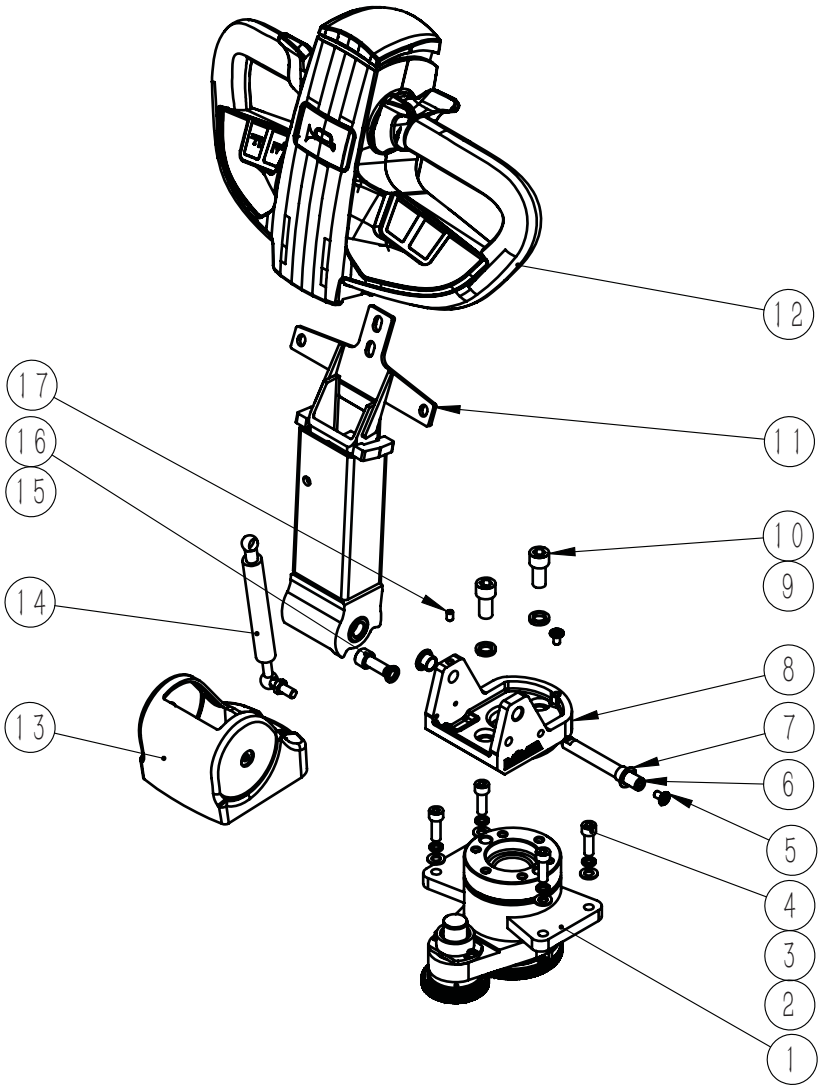


MGC40

No.	Code	Name	Qty.	Remark
1	BCL150×50	Bearing wheel	1	
2	GB276 6204-2Z	Deep groove ball bearing	2	
3	GT213303	Spacer	2	
4	TG40.1.10.1F201	Front axle	1	
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3 -1 MB15.5 Steering system

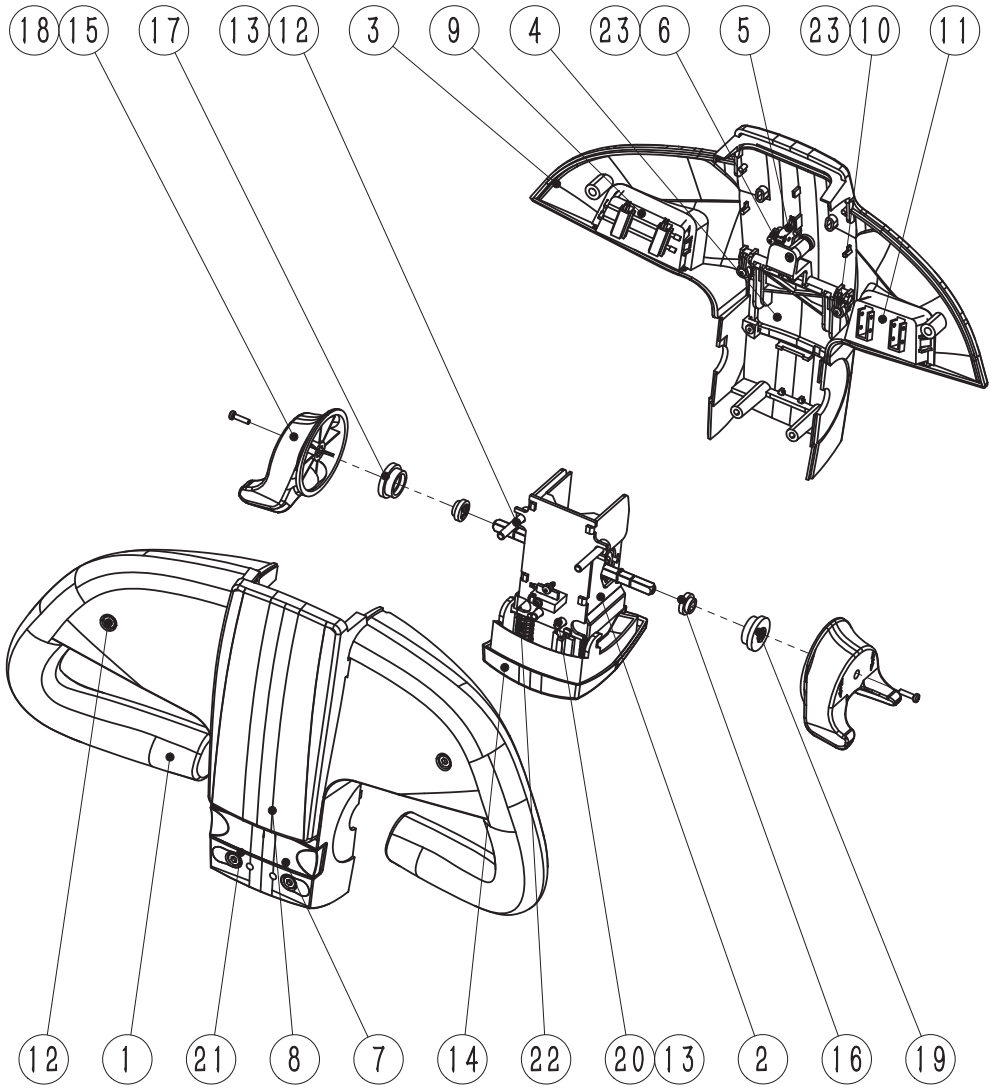
MGC40



No.	Model	Name	Qty	Remarks
1	DZX24111.2	Upper steering parts	1	
2	GB97.1 8	Flat washer	4	
3	GB93 8	Spring washer	4	
4	GB70.1M8×25	Hexagon socket head screw	4	
5	DB-S M6×10	Side hexagon screw operating rod	3	
6	BCZ31.4	Pin	1	
7	HZF121410	Sliding bearing	2	
8	BCZ31.2	Hand stents	1	
9	GB93 12	Spring washer	2	
10	GB70.1 M12×25	Hexagon socket head screw operator	2	
11	BCZ31.1	Longitudinal bar	1	
12	BSB12	Handle assembly	1	
13	BCZ31.3	Handle cover	1	
14	BQTH220	Gas spring	1	
15	GB93 10	Spring washer	1	
16	GB70.1 M10×12	Hexagon socket head screw	1	
17	GB78 M6×10	Hexagon socket cone end stopper screw	1	
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3–2 BSB12 Handle assembly

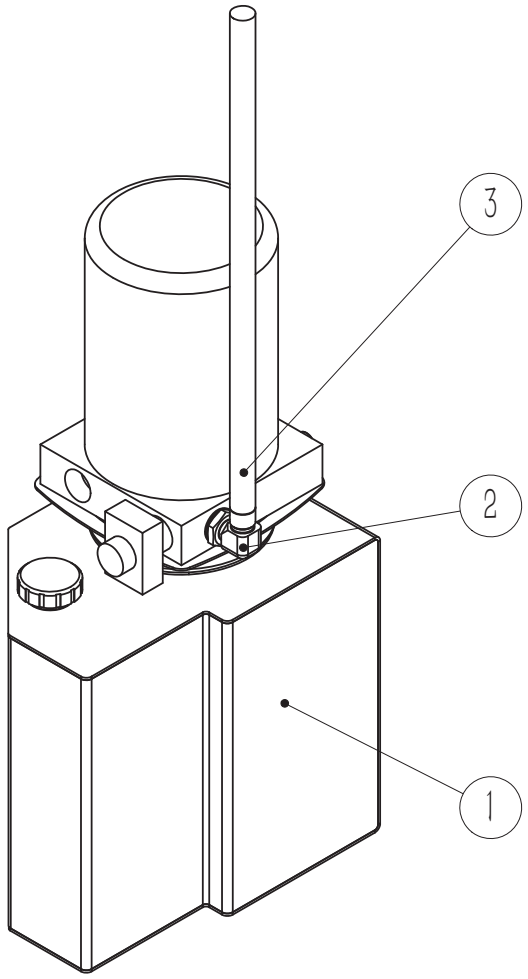
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No.	Model	Name	Qty	Remarks
1	BSB10.07.01	Handle chassis	1	
2	BSB10.07.13	Accelerator assembly	1	
3	BSB10.07.02	Handle upper cover	1	
4	BSB10.07.04	Horn button	1	
5	G905-300G00W3	Micro switch	2	
6	BSB10.07.09	Horn switch fixed clip	2	
7	BSB10.07.08	Turtle rabbit switch	1	
8	BSB10.07.03	Back cover plate	1	
9	BSB10.07.07	Button assembly	1	
10	BSB10.07.10	Horn rotating shaft clip	2	
11	BSB10.07.14	Button assembly	1	
12	GB70.1 M5×30	Hexagon socket head screw	4	
13	GB97.1 5	Flat washer	4	
14	BSB10.07.05	Belly switch	1	
15	BSB10.07.06	Accelerator knob	2	
16	BSB10.07.11	Steel rod ring Ⅰ	2	
17	BSB10.07.12	Steel rod ring Ⅱ	2	
18	GB818 M3×12	Cross recessed pan head screw	2	
19	GB896 5	Open ring	4	
20	GB70.2 M5×10	Hexagon socket flat round head screw	2	
21	GB70.1 M5×55	Hexagon socket head screw	2	
22	BSB10.07.15	Belly switch spring	2	
23	GB845 ST2.9×9.5	Cross recessed pan head tapping screw	4	
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4-1 MB15.3-BASE Hydraulic system

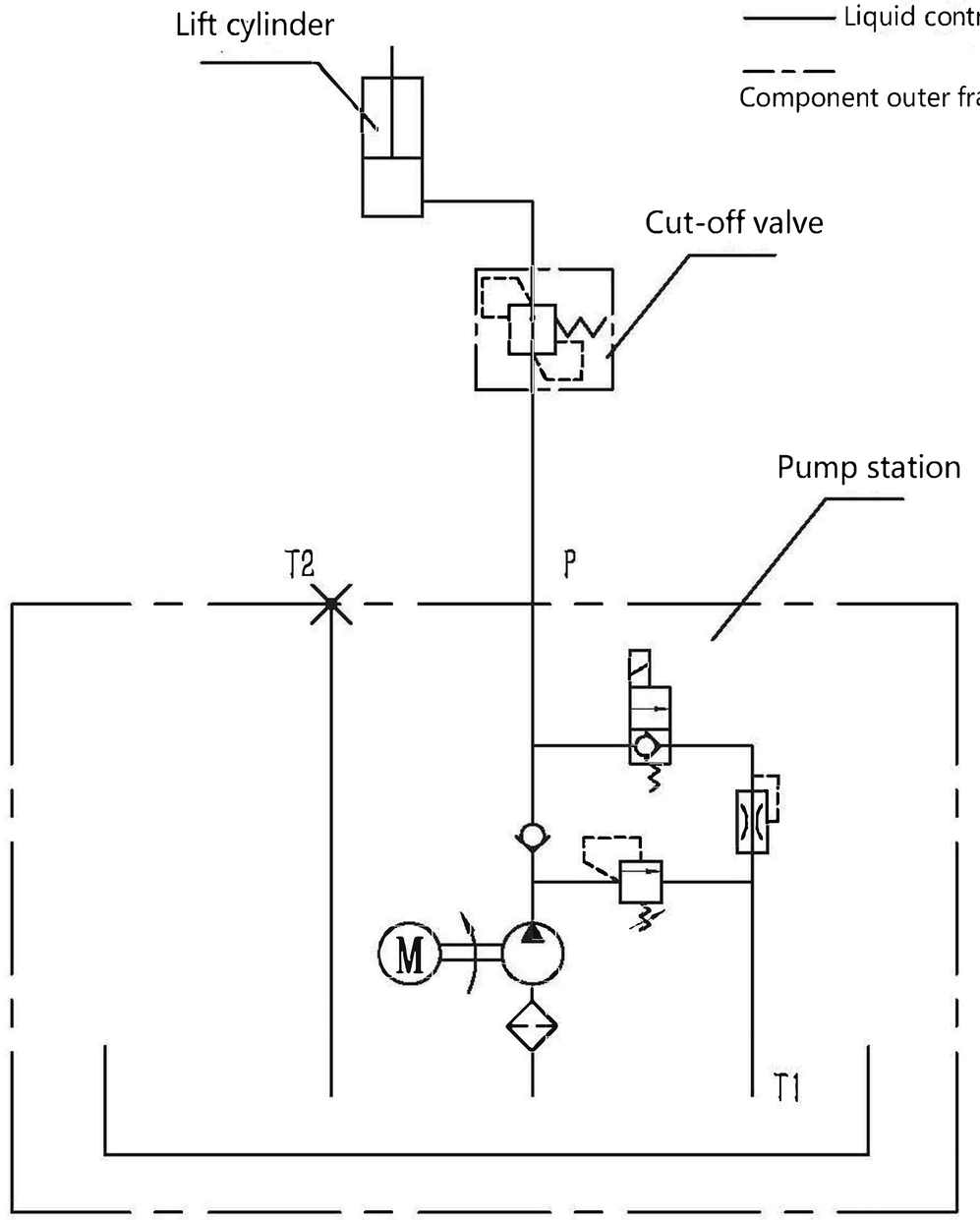
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No.	Model	Name	Qty	Remarks
1	BBZ24V2.0-L7W	Pump station assembly	1	
2	S1CG9-18-060GDQ	Union elbow	1	
3	YGVES-10120J	Hydraulic hose assembly	1	
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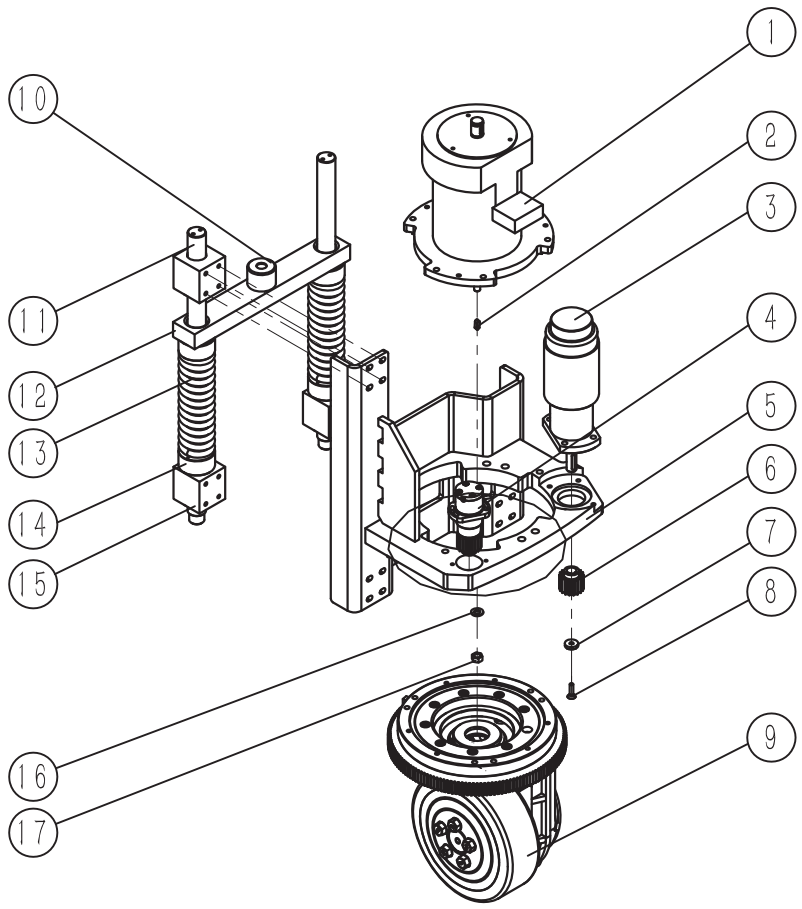
4-2 Hydraulic schematic diagram

MGC40



No.	Model	Name	Qty	Remarks
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Diagram 5-1 MB15.4 Driving System

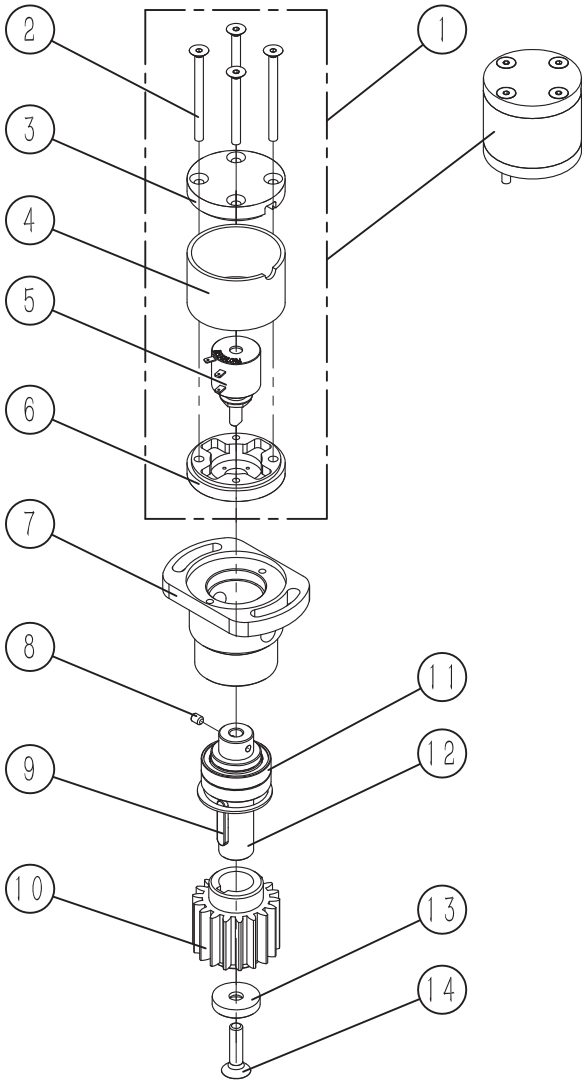


MGC40

No.	Model Code	Name	Qty.	Remarks
1	XQJ1.5-BYT7	Driving motor	1	
2	GB1096 6×6×18A	Ordinary flat key	1	
3	ZYT24165-G23.9	Steering unit	1	
4	DZX24110.4	Steering feedback system	1	
5	MB15.4.1	Welding of Driving Bracket	1	
6	BDZ1.4.1	Steering pinion	1	
7	BDZ1.4.4	Shaft end ring	1	
8	GB70.3 M6×25	Hexagonal countersunk head screw	1	
9	BQD1503	Driving unit	1	
10	TE30.4.6F09	Cushion block	1	
11	TE30.4.2F09	Guide post	2	
12	TE30.4.4F09	Pressboard	1	
13	GB2089 YA10×50×220	Cylindrical helical compression spring	2	
14	TE30.4.5F09	Nylon guide sleeve	4	
15	TE30.4.3F09	Guide sleeve assembly	3	
16	GB97.1 10	Flat washer	1	
17	GB6170 M10	I-type hexagonal nut	1	

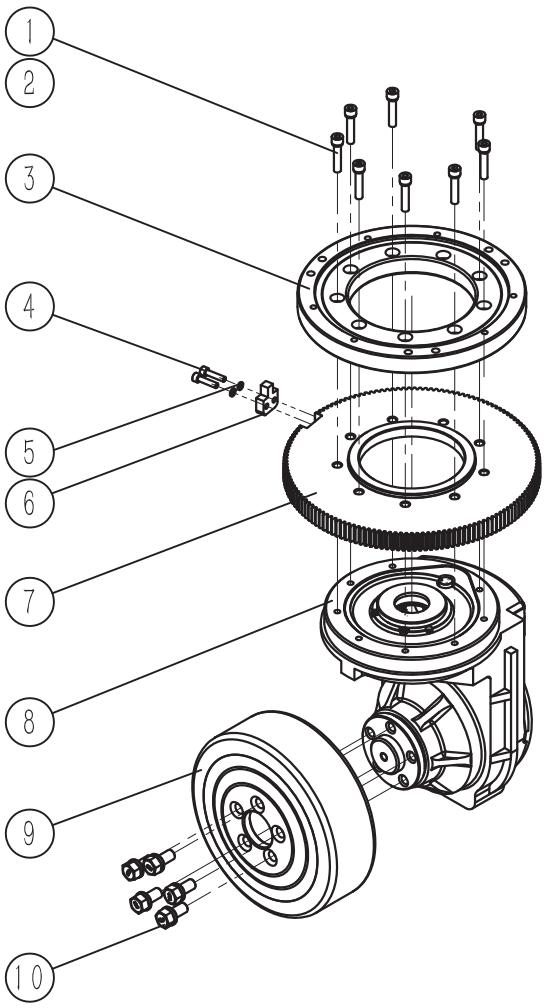
Diagram 5-2 DZX24110.4 Steering Feedback System Assembly

MGC40



No.	Model Code	Name	Qty.	Remarks
1	DZX24110.4.4	Potentiometer module	1	
2	GB70.3 M4×50	Hexagonal countersunk head screw	4	
3	DZX24110.2.4.3	Upper sealing plate	1	
4	DZX24110.2.4.2	Bushing	1	
5	S22HP-6	Multiloop potentiometer	1	
6	DZX24110.2.4.1	Lower mounting plate	1	
7	DZX24110.4.3	Lower shell of potentiometer	1	
8	GB77 M4×5	Internal Hexagon Flat End Fixing Screw	1	
9	GB1096 5×5×25A	Ordinary flat key	1	
10	BDZ1.4.1	Steering pinion	1	
11	GB276 61804-2Z	Deep groove ball bearing	1	
12	DZX24110.4.2	Connecting shaft	1	
13	BDZ1.4.4	shaft end ring	1	
14	GB70.3 M6×25	Hexagonal countersunk head screw	1	

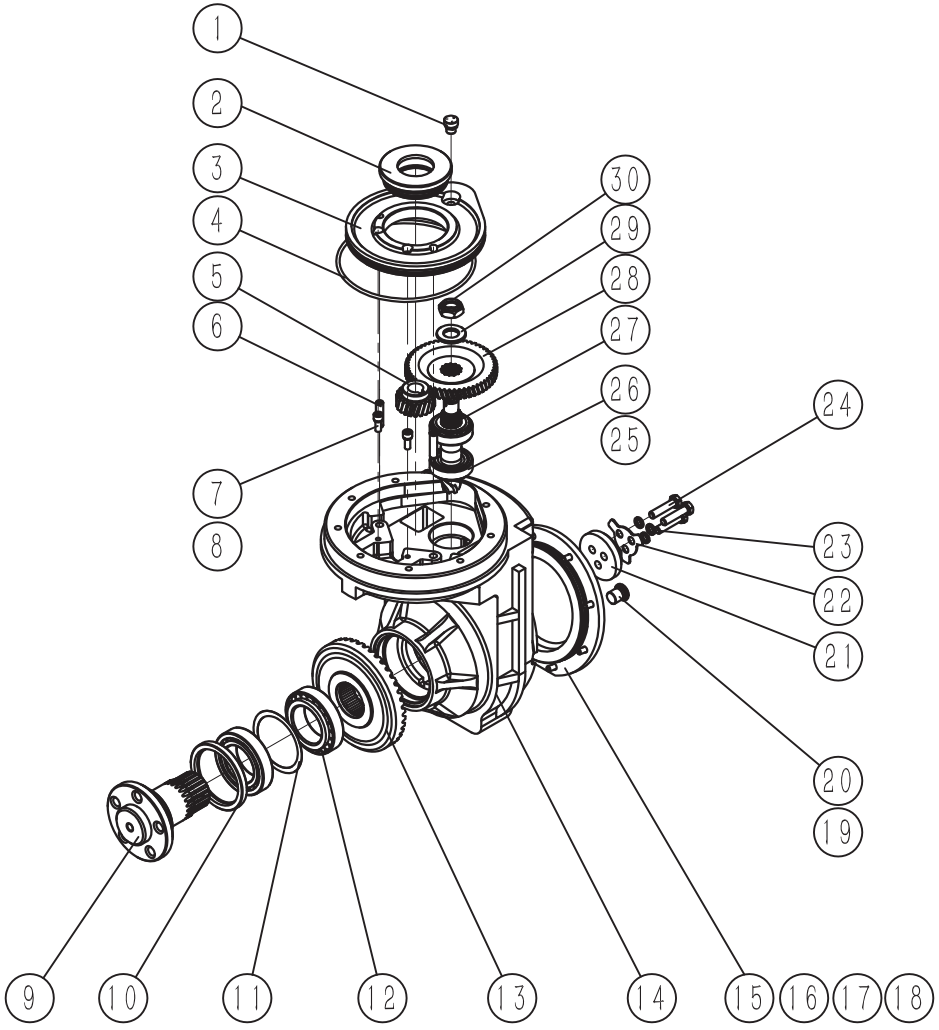
Diagram 5-3 BQD1503Driving Unit



MGC40

No.	Model Code	Name	Qty.	Remarks
1	GB70.1 M8×40	Internal hexagonal cylindrical screw	8	
2	GB93 8	Spring washer	8	
3	BYT-002	Slewing bracing	1	
4	GB70.1 M6×25	Internal hexagonal cylindrical screw	2	
5	GB93 6	Spring washer	2	
6	BQD1503.2	Limit block	1	
7	BQD1503.1	Steering gear ring	1	
8	BQD1502.1	Driving box assembly	1	
9	BQL230×75	Driving wheel	1	
10	BQD1502.4	Driving wheel bolt	4	

Diagram 5-4 QD1502.1 Driving Box Assembly

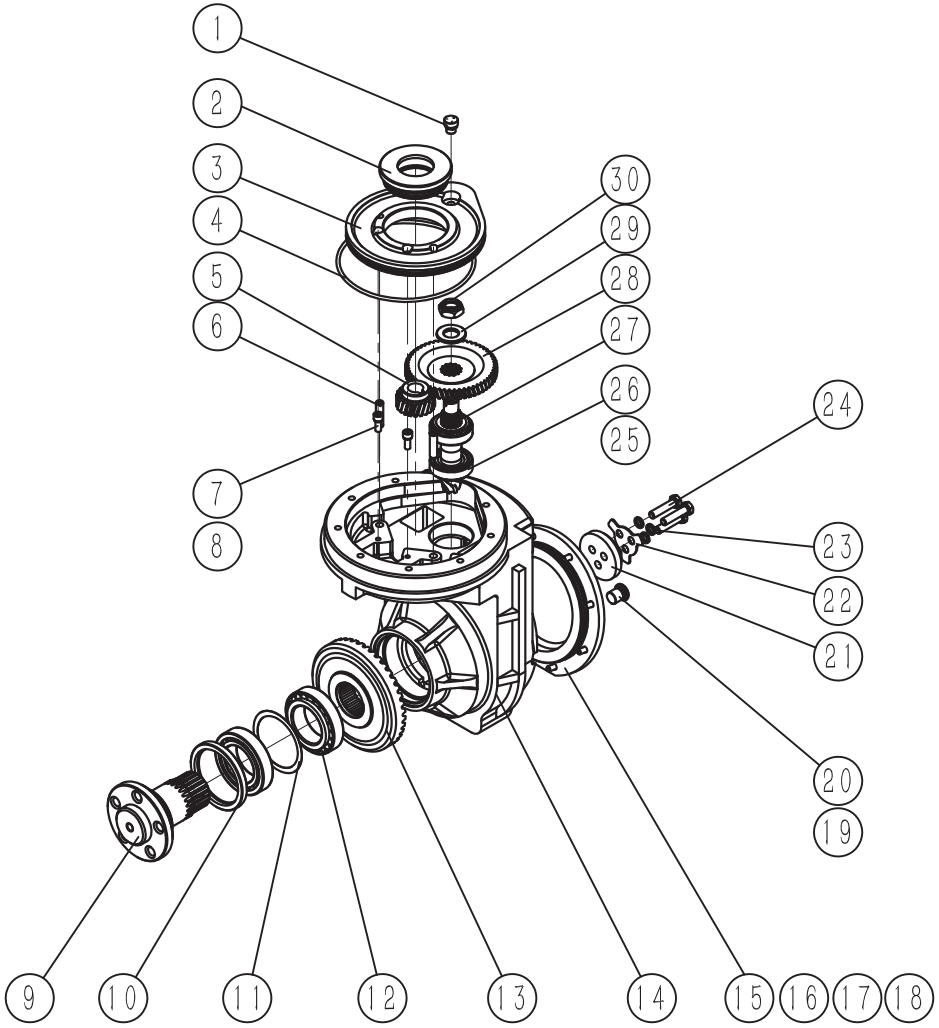


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No.	Model Code	Name	Qty.	Remarks
1	BQD1502.1.17	Ventilation plug assembly	1	
2	BQD1502.1.2	Positioning block	1	
3	BQD1502.1.3	Connecting disk	1	
4	GB3452.1 145×3.55	O-ring for hydraulic and pneumatic applications	1	
5	BQD1502.1.4	Input gear	1	
6	GB120.1 8×32	Internal threaded cylindrical pin	2	
7	GB70.1 M6×16	Inside hexagonal cylindrical head screw	2	
8	GB93 6	Spring washer	2	
9	BQD1502.1.10	Half shaft	1	
10	TC484A 658008	Oil Seal with Inner Frame	1	
11	BQD1502.1.13	Half-axis adjusting gasket	1	
12	GB297 32009	Tapered roller bearing	2	
13	BQD1502.1.9	Passive helical gear	1	
14	BQD1502.1.1	Gear case	1	
15	BQD1502.1.14	Bottom cover	1	
16	GB3452.1 128×3.55	O-ring for hydraulic and pneumatic applications	1	
17	GB70.1 M6×16	Inside hexagonal cylindrical head screw	8	
18	GB93 6	Spring washer	8	
19	BQD1502.1.15.1	Screw plug	2	
20	BQD1502.1.15.2	Copper pad	2	
21	BQD1502.1.11	Half shaft gasket ring	1	
22	BQD1502.1.12	Half-axle stop washer	1	
23	GB93 8	Spring washer	3	
24	GB5782 M8×35	Hexagon headed bolt	3	

picture 5-5 BQD1502.1 Drive box ASSY

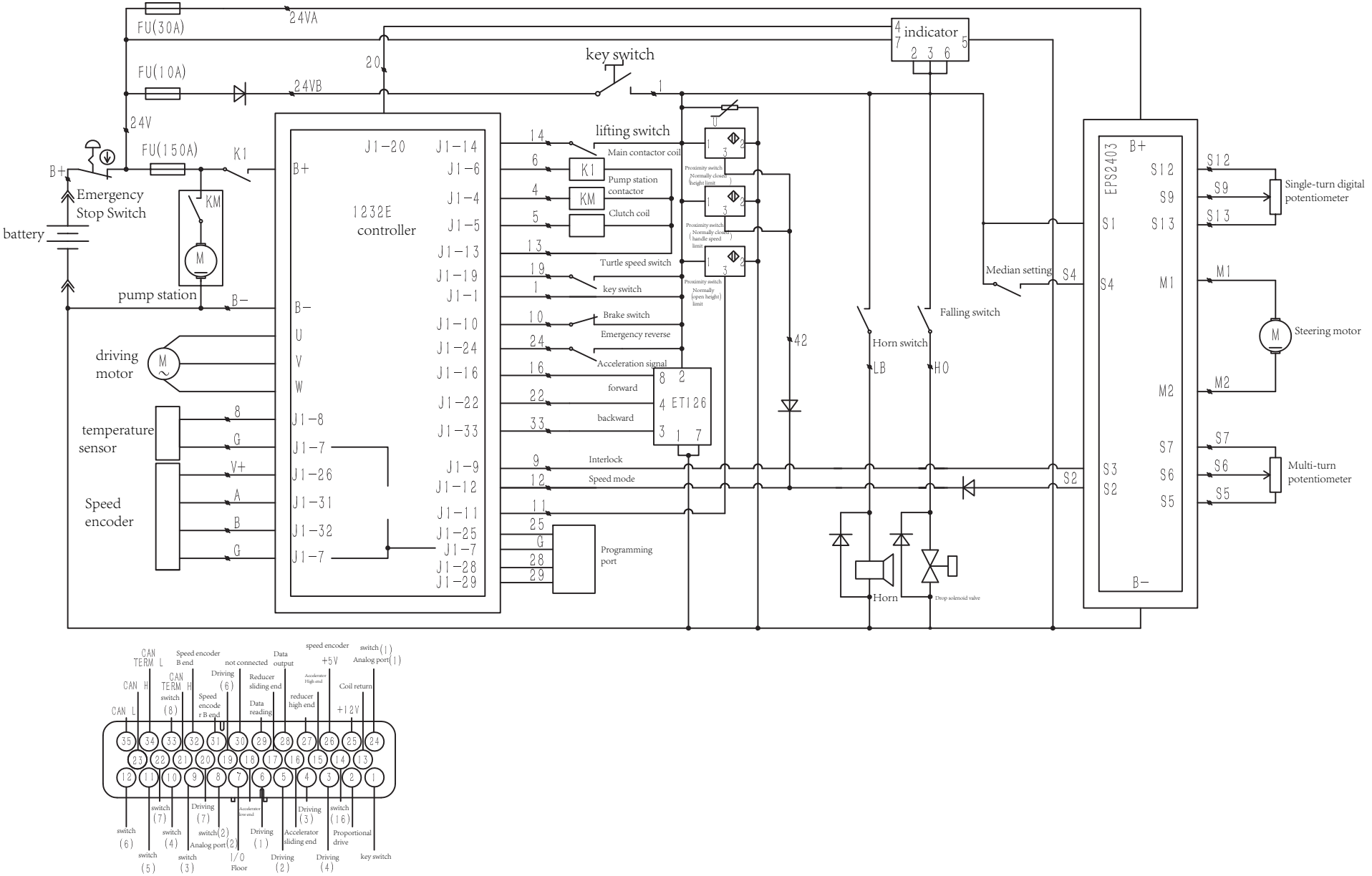
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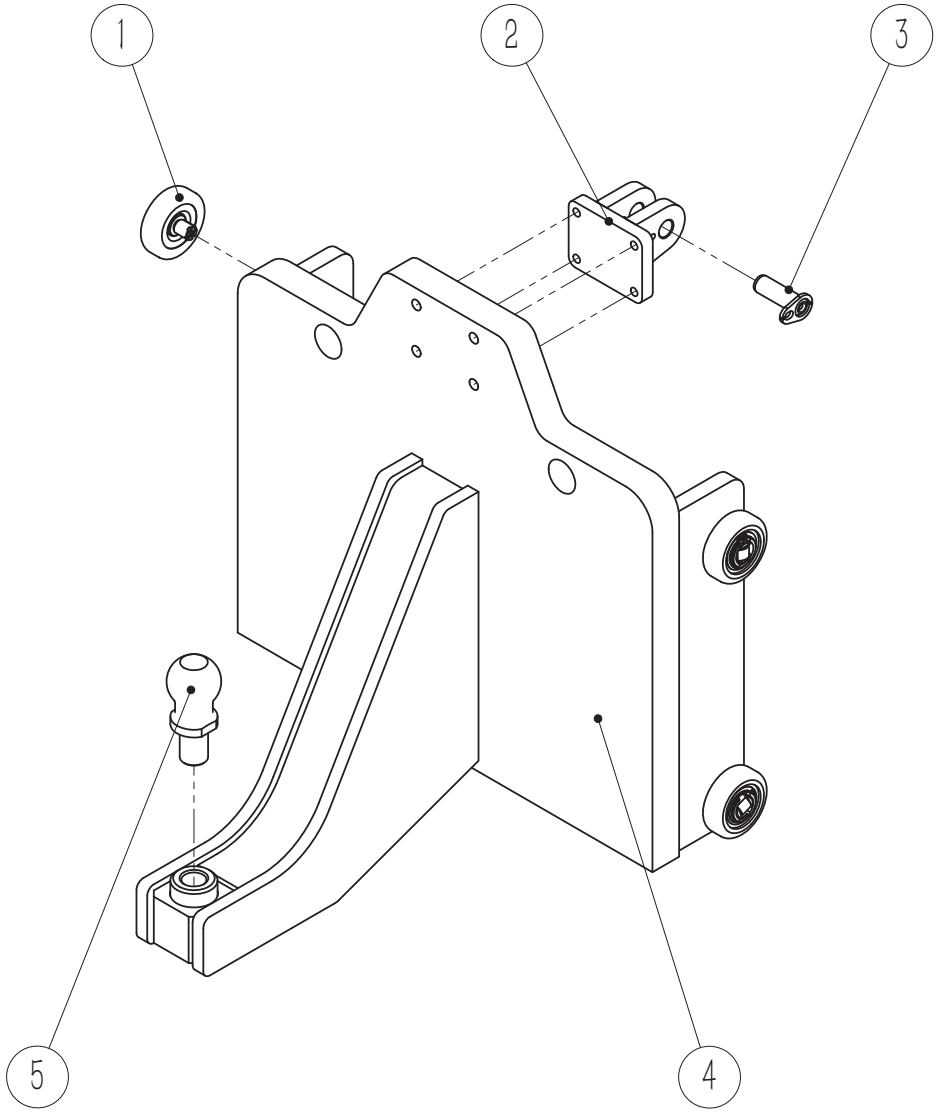
NO.	Code	Item	QTY	Remarks or applicable model
25	LM72489-LM72810	Tapered Roller Bearings	2	
26	BQD1502.1.8	Umbrella shaft adjustment washer	1	
27	BQD1502.1.7	Helicoid gear shaft	1	
28	BQD1502.1.5	Passive gear	1	
29	BQD1502.1.6	Passive gear washer	1	
30	BQD1502.1.16	lock nut	1	

picture 6-1 MB15.7.10 Electrical schematic diagram

MGC40



picture 7-1 MGC40.2.2F202 Towing frame assembly



MGC40

NO.	Code	Item	QTY	Remarks or applicable model
1	NL078.3.00R1-00.1	Compound roller body	4	
2	TG40.2.3F101	Cylinder mount welding	1	
3	XZ20-060-LW	Ear plate pin	1	
4	MGC40.2.2.1F202	Towing frame welding	1	
5	TG40.2.2F101	Spherical coupling	1	
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