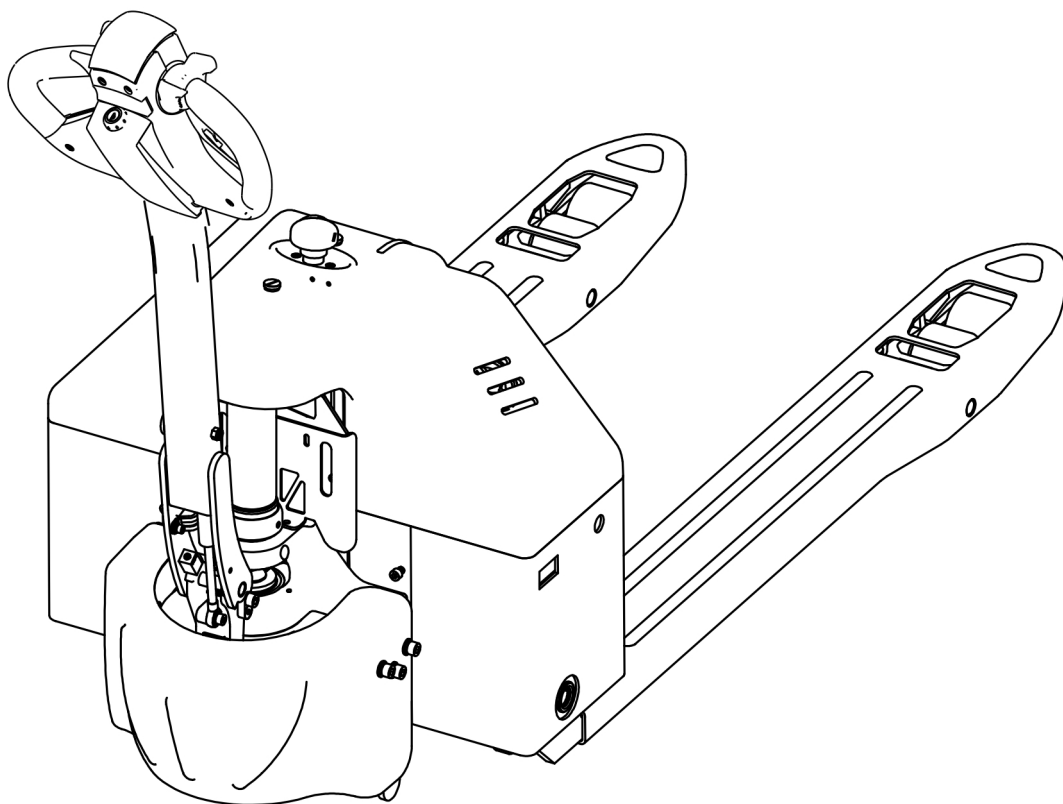




SL15

Electric pallet truck

电动托盘搬运车

Parts list 零件目录

20241012 V06

PARTS ORDERING INSTRUCTIONS

HOW TO ORDER

When you order, supply the part number, quantity, model and serial numbers of your machine. Supplying this information will assure prompt, efficient handing of your order.

Since your dealer carries many parts in stock and maintains up-to-date prices on all parts, he will be able to process your order immediately. If, for some reason, the part is not in stock, he will order it from the factory. In either event, he maintains a current file of service manuals, which give all available parts ordering or technical information.

WHERE TO ORDER

Always order parts from the dealer who sold you your truck. If it is necessary for the dealer to order parts from the factory, he is able to get prompt service for you. Parts are shipped in accordance with shipping instructions given on the order.

INSTRUCTIONS FOR RETURNING PARTS

Under NO CIRCUMSTANCES will parts be accepted at the factory for credit without prior approval. We cannot accept responsibility for parts returned without authorization.

If you have some parts which must be returned, contact your dealer. If he believes parts should be returned, he will arrange for authorization to return the parts.

CHANGES

When changes are made to the machine, revised pages for this manual will be issued. These pages must be inserted in your parts manual as soon as they are received.

Failure to keep your parts manuals up to date will result in confusion and may cause you to order wrong parts.

零件订购说明

如何订购

当您订购的时候，您需要提供叉车零件的编号，数量，型号和序列号。提供这些信息能够保证您的订购更加的高效。

因为您的经销商有很多零件的存货，而且需要保持所有零件的价格是最新的，所以他会尽快地处理您的订购需求。假如因为某些原因，存货中没有这个零件，那么他会从公司订货。无论怎样的情况，他手里都会有一份服务手册文件，它能提供所有可用的零件的订购信息或者技术信息。

订购地点

当您需要订购零件时，请到销售给您叉车的经销商那里订购。如果经销商有必要从公司订购零件，他能为您提供快捷的服务。根据您的订购信息，零件和它对应的操作说明会一起装好。

零件的退还说明

一般情况下，因为信用的关系，退还的零件没有事先的同意，是不会被公司认可的。我们不会对没有经过授权但退还过来的零件负责。

如果您有一些零件一定要退还，请联系您的经销商。若经销商确认零件可以退还，则其会安排授权要退还的零件。

技术修改

当叉车技术有修改时，这本手册的修正页会重新发行。当您拿到这些修正页时，您一定要立即把它们插入到您的零件手册中。若没有及时的更新您的零件手册，则可能会导致您订购、维护等方面的错误。

GENERAL INFORMATION

INDEX

This parts manual is arranged for easy identification of parts .The index at the front of the catalog gives location of major groups and assemblies.

PART LIST

The Item, describes the item on the Figure you are looking at. The Part No. is a numerical description of the item and the part ordering number. The Description is a description of the part number in alphabetical form. The Qty is the quantity used on the machine. The Applied Date is a description when the part is applicable.The Remark is the explanation of the part for a supplement such as the model the capability, the characteristic etc.

HOW TO READ PARTS MANUAL

HELP 1:

Item	Part No	Description	Qty	Applied Date	Remark
------	---------	-------------	-----	--------------	--------

A →

1		02.XDC.3556	Battery	1		24V/20AH
1		02.XDC.3557	Battery	1		24V/30AH
1		02.XDC.3558	Battery	1		24V/40AH
2		03.0132	Screw M5×8	5		

B →

7		03.0245	Nut M12	2		
8		03.04790	Spring	2		
9	01	30.01.6685	Wheel Frame	1	-210125	
9	02	40.11.048	Wheel Frame	1	210125-	

C →

6		02.KSCX.0001	Cover	1		
7		03.0243	Nut M10	2		Cancel
8		40.11.040	Roller	2		
9		03.1088	Bolt M10×60	2		

D →

3		33.054.0001	Frame (550)	1		
3		33.054.0002	Frame (685)	1		
4		03.02393	Screw M6×16	6		
5		40.18.005	Shaft (550)	1		
5		40.15.044	Shaft (685)	1		

E →

6		33.036.0007	Push Rod Welding	2		For 1800Kg
7		03.0691	Bushing Φ19×Φ16×15	4		
8		03.0305	Round Pin Φ5×30	10		

A:The part of Index 1 is Optional.

B:The part of Index 9 has an Applicability, because it's our policy to constantly improve our products.

C:The part of Index 7 indicates that the part is canceled. Note the version number when ordering.

D:The part of Index 3 indicates that the frame welds have different specifications, 550 or 685 indicates the outer width of the forks. Index 5 indicates the parts used for the outer width of the forks.

E:The part of Index 6 indicates that the part is used for model with load capacity of 1800KG.

1. Record by time

– 210125 : Ending on January 25, 2021.

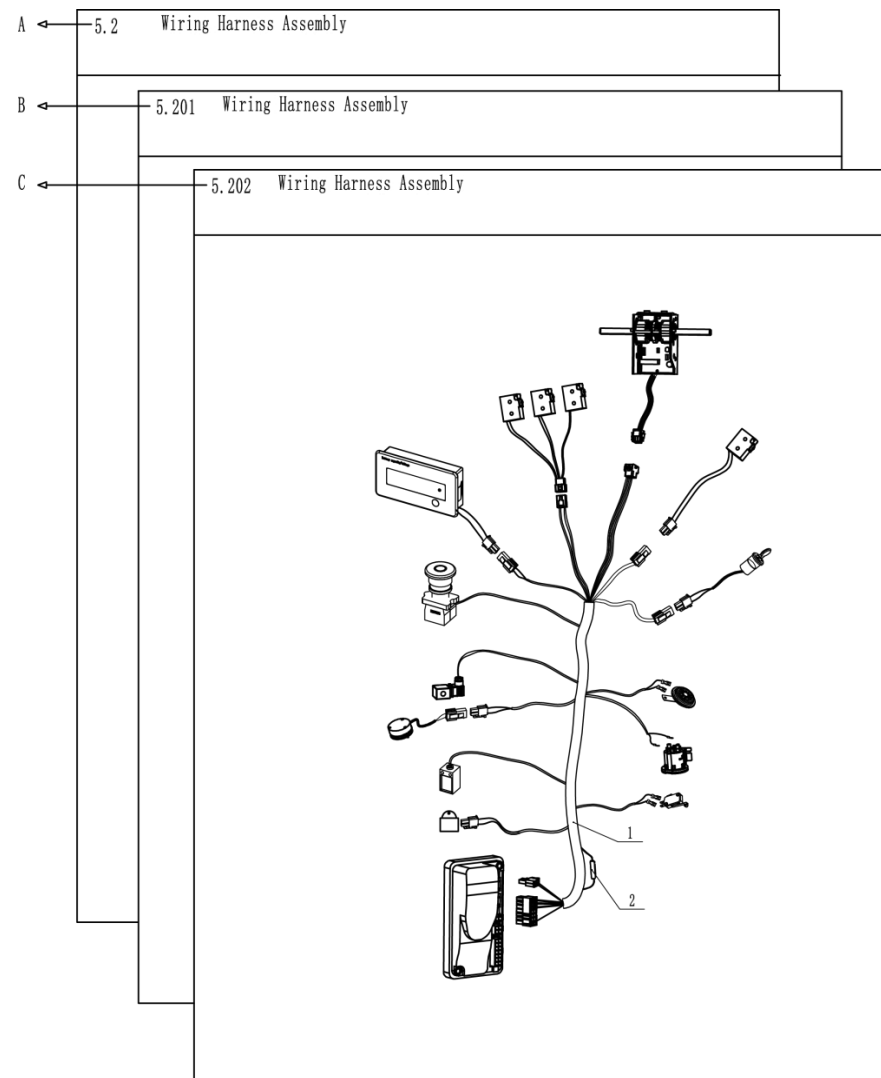
210125- : Beginning on January 25, 2021.

2. Record by serial number

01 : Ending at 01

02 : Starting at 02

HELP 2:



A:Section 5.2 is the original version.

B:Section 5.201 is the version that some parts in the Section 5.2 have been changed.

C:Section 5.202 is the version that some parts in the Section 5.201 have been changed.

When you order, Please locate specific parts information of your truck by the Applied Date of parts in each version.

概要
目录

将零件目录分组成几个易识别的部分，并把主要结构和总成放置在索引目录中。

零件明细表

Item 描述的是在插图上，您想要找的项目。**Part No.**是零件的一系列描述和它的订购号码。**Description** 是用文字的形式描述零件的号码。**Qty** 代表的是零件在叉车上使用的数量。**Applied Date** 表示的是零件适用的时间范围。**Remark** 是用来补充说明零件信息(例如车型、性能和特征等)。

怎么读取零件明目录

帮助 1:

Item 序号		Part No 代码	Description 名称		Qty 数量	Applied Date 适用日期	Remark 备注
A	➡	1		02. XDC. 3556	Battery 锂电池	1	24V/20AH
		1		02. XDC. 3557	Battery 锂电池	1	24V/30AH
		1		02. XDC. 3558	Battery 锂电池	1	24V/40AH
		2		03. 0132	Screw M5×8 螺钉	5	
B	➡	7		03. 0245	Nut M12 螺母	2	
		8		03. 04790	Spring 弹簧	2	
		9	01	30. 01. 6685	Wheel Frame 轮架	1	-210125
		9	02	40. 11. 048	Wheel Frame 轮架	1	210125-
C	➡	6		02. KSCX. 0001	Cover 前盖板	1	
		7		03. 0243	Nut M10 螺母	2	Cancel/取消
		8		40. 11. 040	Roller 滚子	2	
		9		03. 1088	Bolt M10×60 螺栓	2	
D	➡	3		33. 054. 0001	Frame (550) 车架	1	
		3		33. 054. 0002	Frame (685) 车架	1	
		4		03. 02393	Screw M6×16 螺钉	6	
		5		40. 18. 005	Shaft (550) 支撑轴	1	
		5		40. 15. 044	Shaft (685) 支撑轴	1	
E	➡	6		33. 036. 0007	Push Rod Welding 推杆	2	For 1800Kg
		7		03. 0691	BushingΦ19×Φ16×15 复合套	4	
		8		03. 0305	Round PinΦ5×30 弹性圆柱销	10	

A: 序号 1 表示该零件有几个品种可供您的选择。

B: 序号 9 表示该零件有一个适用的时间范围。这是因为我们在不断地进行产品的升级。

C: 序号 7 表示该零件取消，订购时注意版本号。

D: 序号 3 表示车架焊接体有不同的规格，550 或 685 表示货叉的外宽。序号 5 表示配用于货叉外宽的零部件。

E: 序号 6 表示该零件配用载重 1800KG 车型。

1. 用时间记录

– **210125** : 截止到 2021 年 01 月 25 日

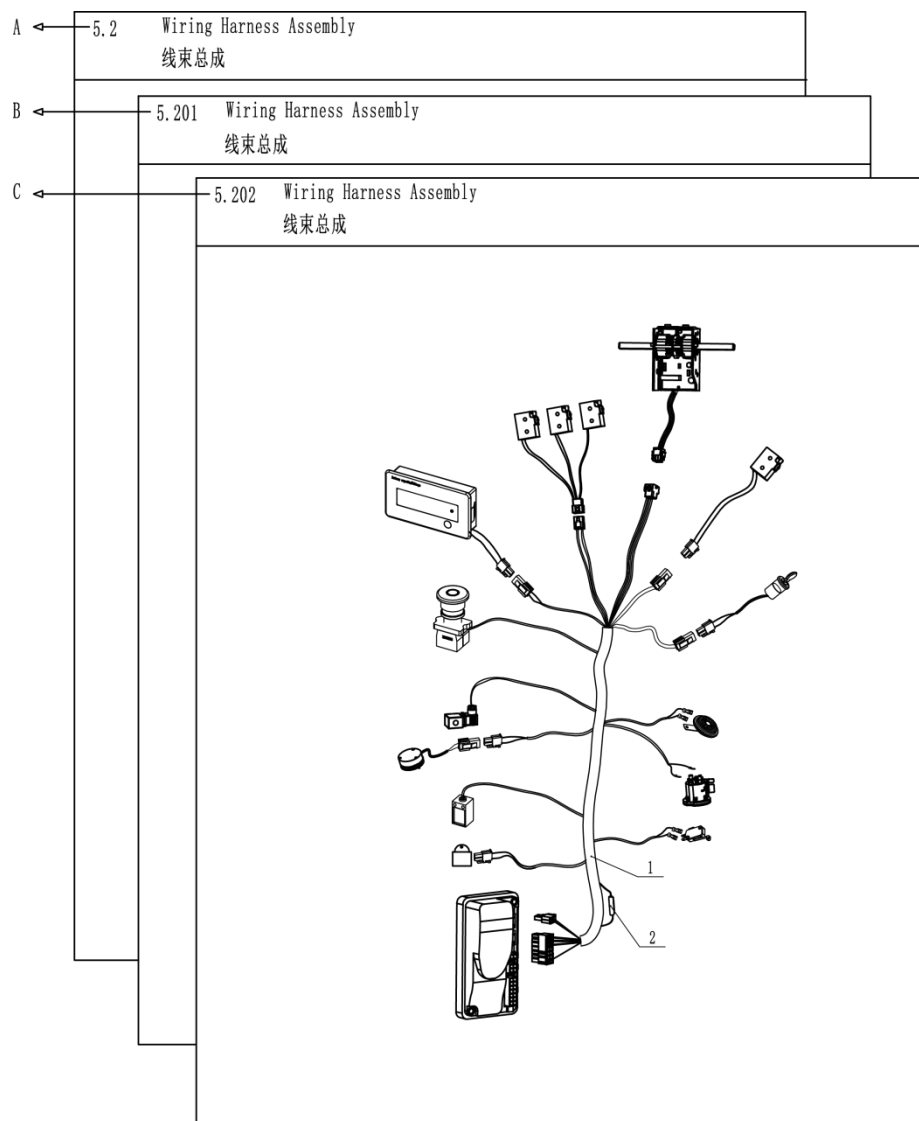
210125- : 起始于 2021 年 01 月 25 日

2. 用序列号记录

01 : 截止序列号 01

02 : 起始序列号 02

帮助 2:



A: 章节 5.2 表示原始版本;

B: 章节 5.201 表示在原始版本 (章节 5.2) 上零件有所变更;

C: 章节 5.202 表示在变更版本 (章节 5.201) 上零件有所变更。

当您订购零件时, 请根据每个版本中零件的适用时间来判断您所选购车型的零件信息。

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2.Driving System 驱动系统

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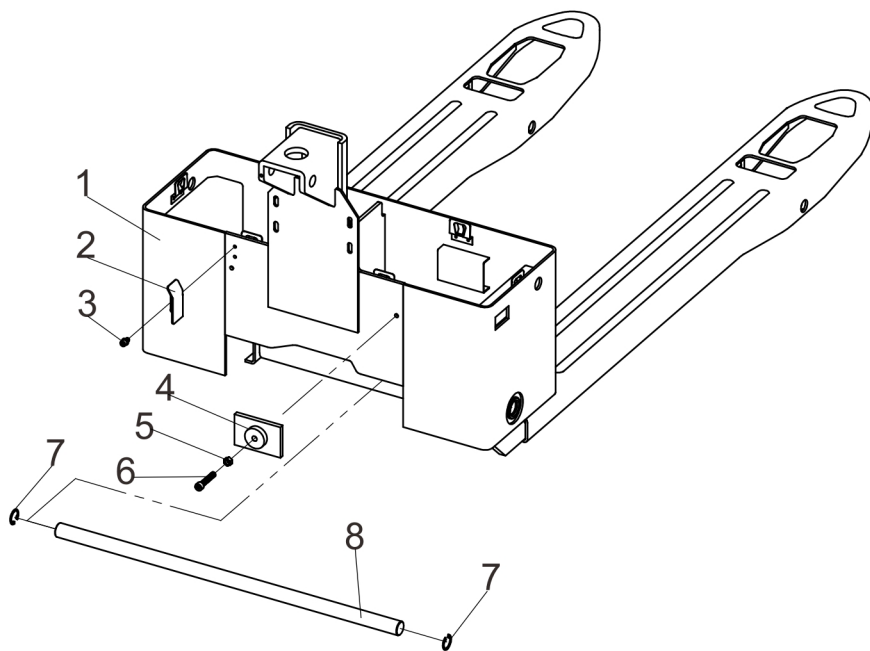
5.4 Cable Assembly (1212P) 电缆总成 (1212P) 20

5.5 Cable Assembly (1212S) 电缆总成 (1212S)21

修订记录

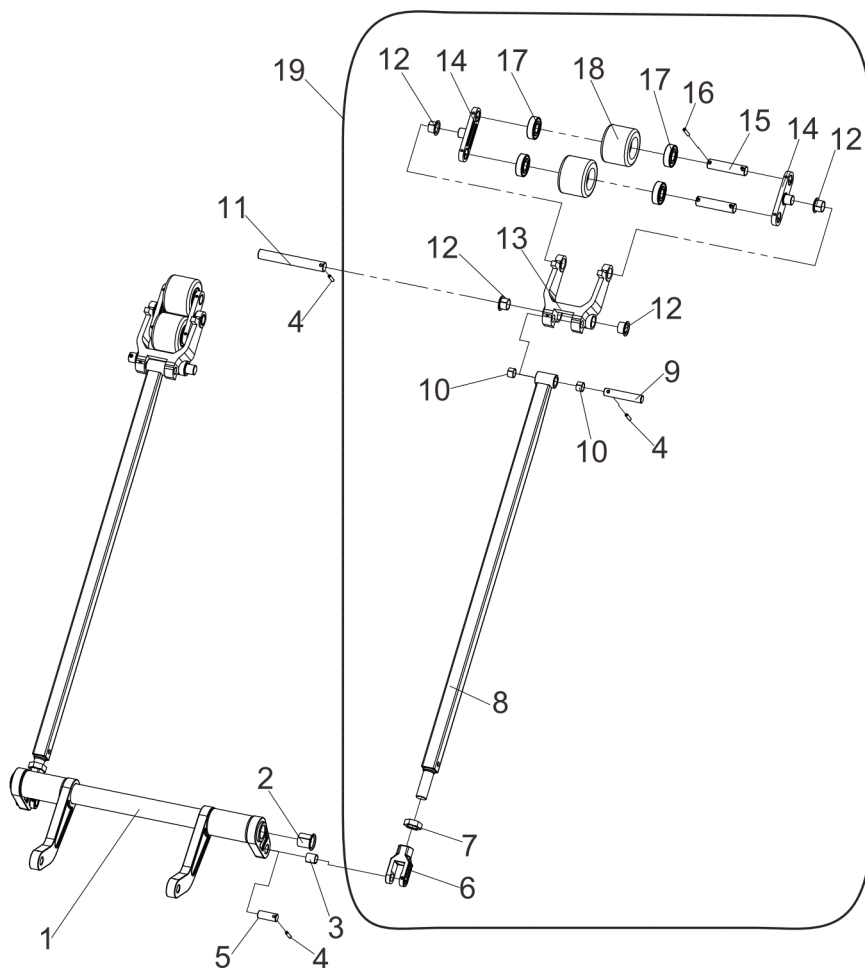
版 本	修订人	更改编号	修订事项
20240409 V02	高艾鑫		首次发布；
20240929 V05	李航远	20240929001	5. 101 电器总成，原控制器总成 70302000002 (1212P-2507) 更换为 70302000123 (1212C-2571)。 5. 201 线束总成，原控制线组件 20101030000 更换为 20101030173。
20241012 V06	马俊	NO. 2024161	4. 101 液压系统，代码 40101140002 油管更改为代码 40101140043 高压油管。

1.1	Frame System 车架系统
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[illegible]

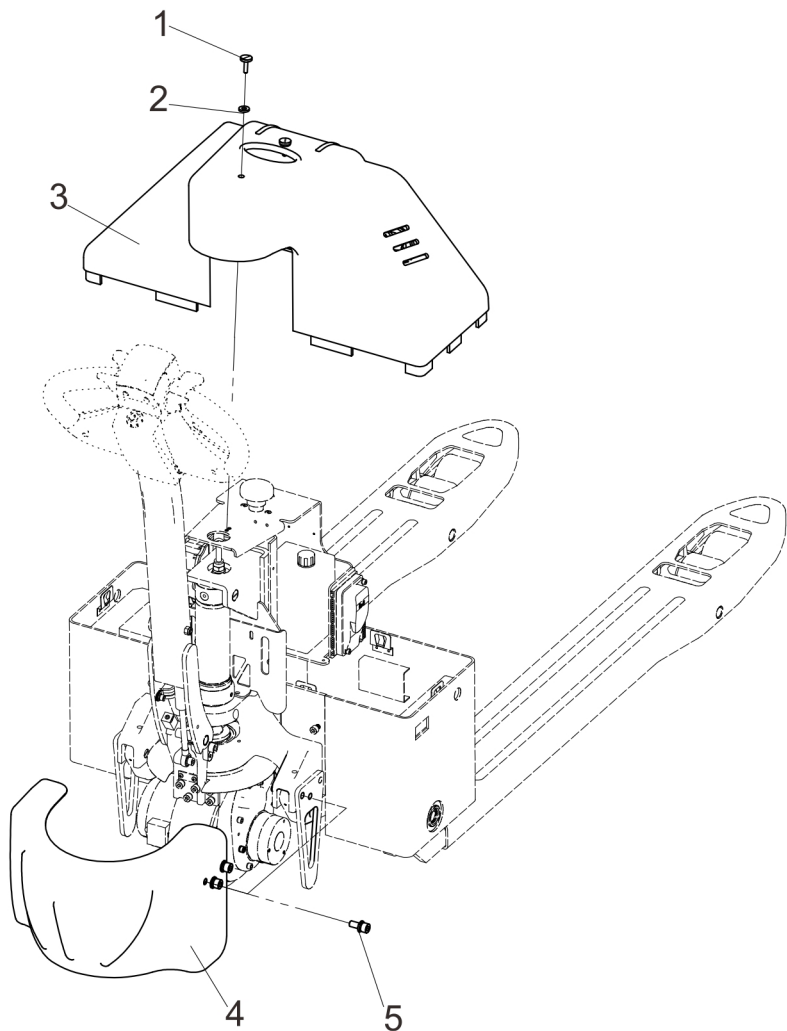
1.2 Connecting Rod Assembly

连杆组件

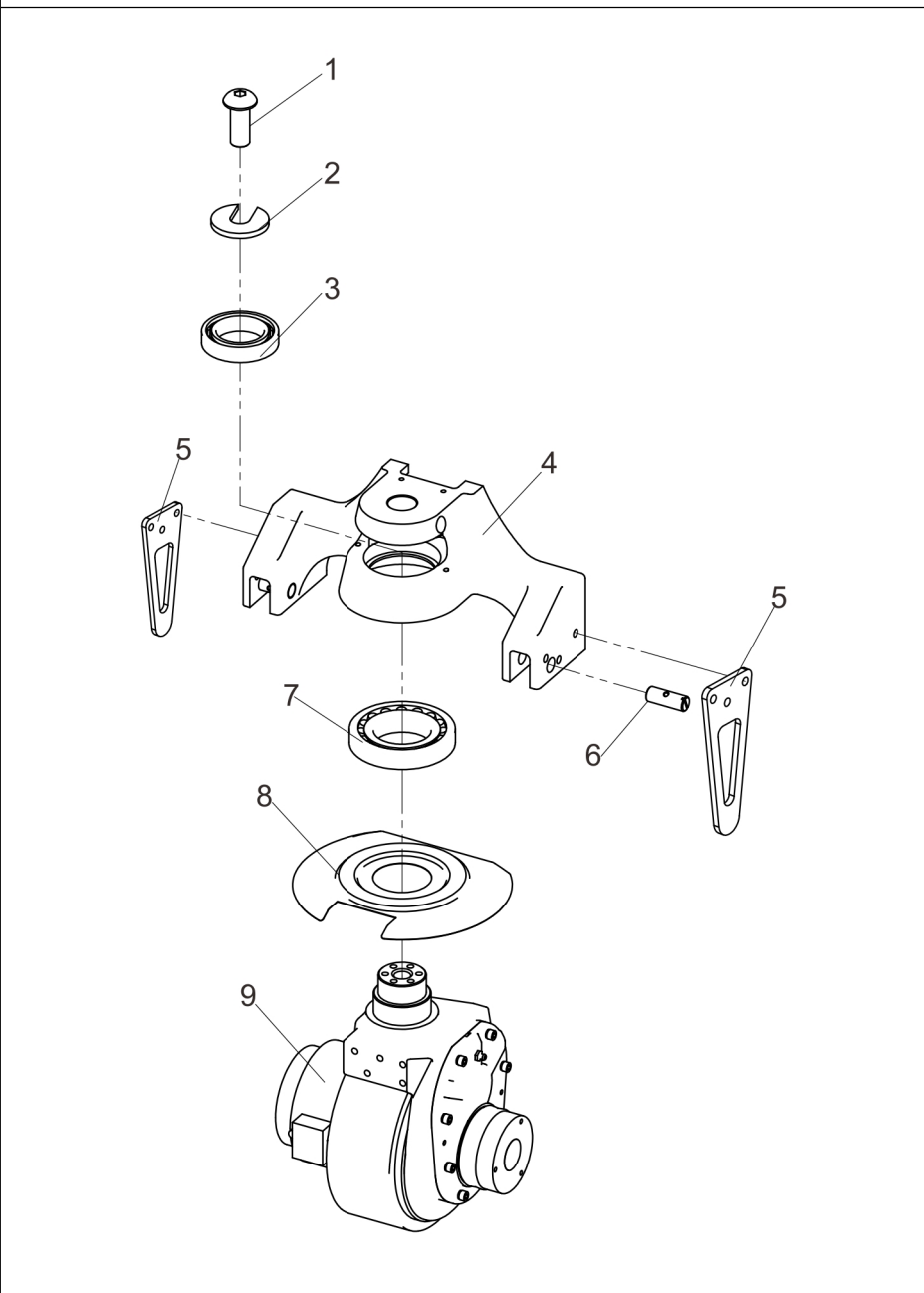


Item 序号		Part No. 代码	Description 名称		Qty 数量	Applied Date 适用日期	Remark 备注
A		20301020804	Connecting Rod Assembly	连杆组件	2		
1		55102000019	Ring Rod(560)	圆环棒	1		33. 022. 0005
1		55102000018	Ring Rod(685)	圆环棒	1		33. 022. 0004
2		54001000003	BushingΦ28×Φ25×27	带肩复合套	2		03. 04422
3		54002000034	BushingΦ19×Φ16×20	复合套	2		03. 0976
4		30501050008	Round PinΦ5×30	弹性圆柱销	6		03. 0305
5		50101160009	Shaft	销轴	2		40. 14. 052
6		55502000003	Push Rod Bracket	推杆叉	2		40. 14. 048
7		30301220002	Nut M22×1. 5	螺母	2		03. 0286
8		55501000039	Push Rod Welding	推杆	2		55501000039
9		50101160004	Shaft	推杆安装轴	2		40. 11. 038
10		54002000024	BushingΦ19×Φ16×12	复合套	4		03. 0451
11	01	50101200004	Shaft	轮架安装轴	2	-220715	40. 11. 036
11	02	50101200055	Shaft	轮架安装轴	2	220715-	
12	01	54001000009	BushingΦ23×Φ20×16. 5	带肩复合套	4	-220715	03. 0453
12	02	54001000009	BushingΦ23×Φ20×16. 5	带肩复合套	8	220715-	03. 0453
13	01	55103000004	Wheel Bracket	轮架	2	-220715	40. 11. 037
13	02	55103000010	Wheel Bracket	轮架	2	220715-	40. 11. 086
14		51251000014	Connecting boards	连板	4		30. 01. 1290
15		30501050003	Round PinΦ5×35	弹性圆柱销	8		03. 0303
16		50101200008	Shaft	承载轮销轴	4		40. 11. 039
17		30701020007	Bearing 6204	轴承	8		03. 90. 057
18		51241000034	Loading Wheel	承载轮	4		02. L.Z. 0128
19		20301020805	Twin Wheel Frames	双轮连杆轮架	2		

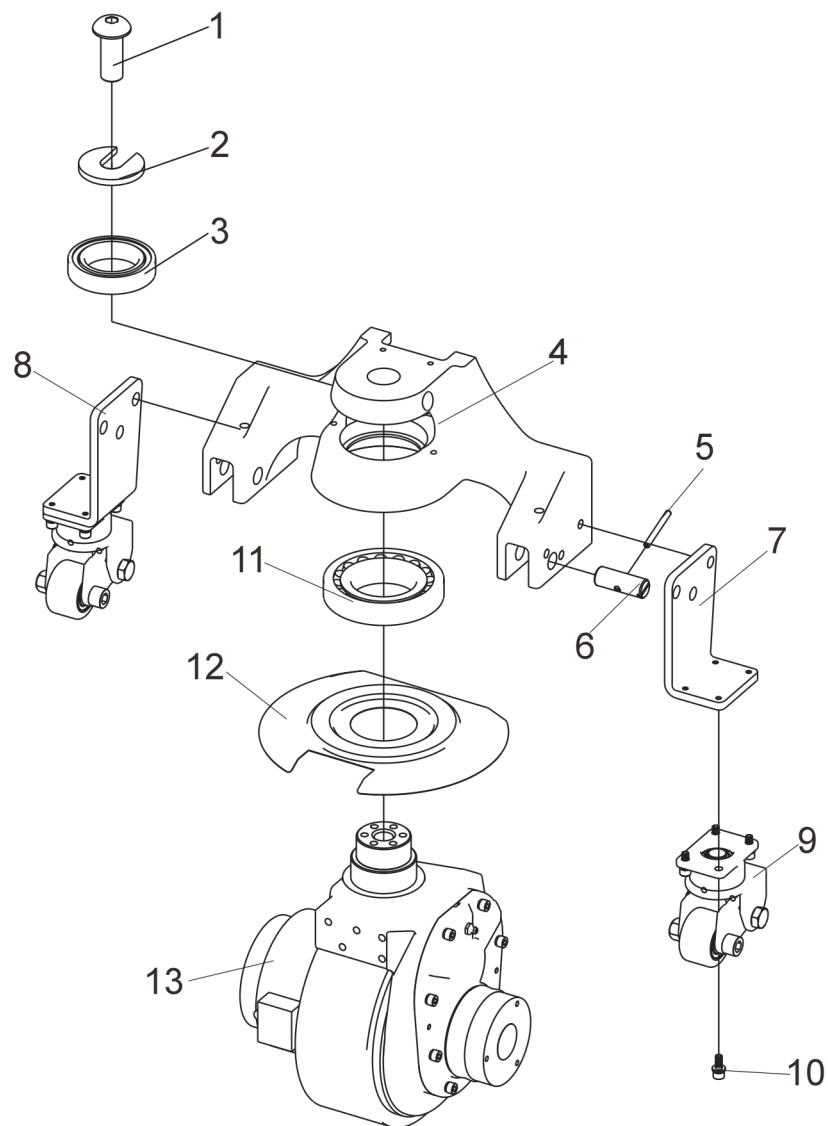
1.3	Cover Assembly 外罩总成
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[illegible]

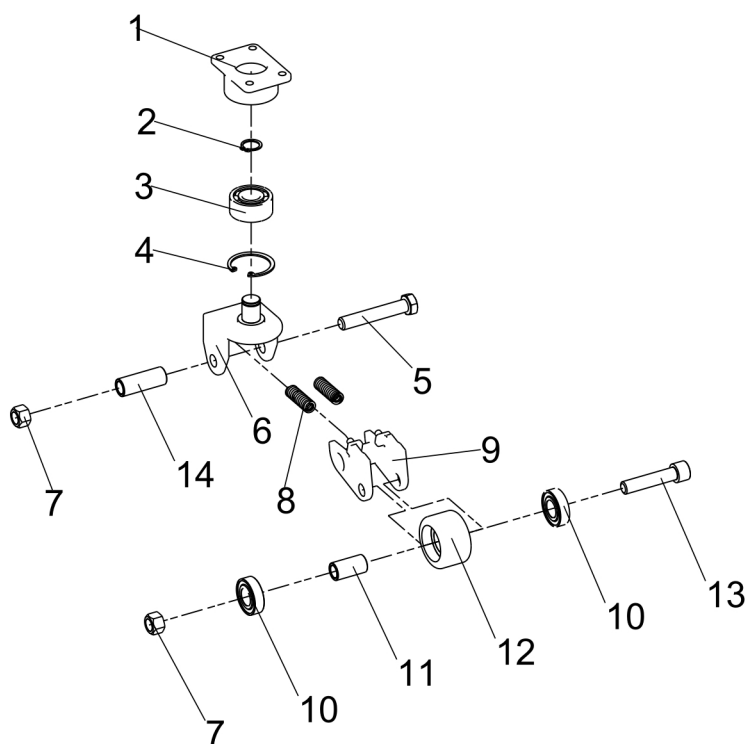
2.1	Driving System 驱动系统
-----	------------------------

[illegible]

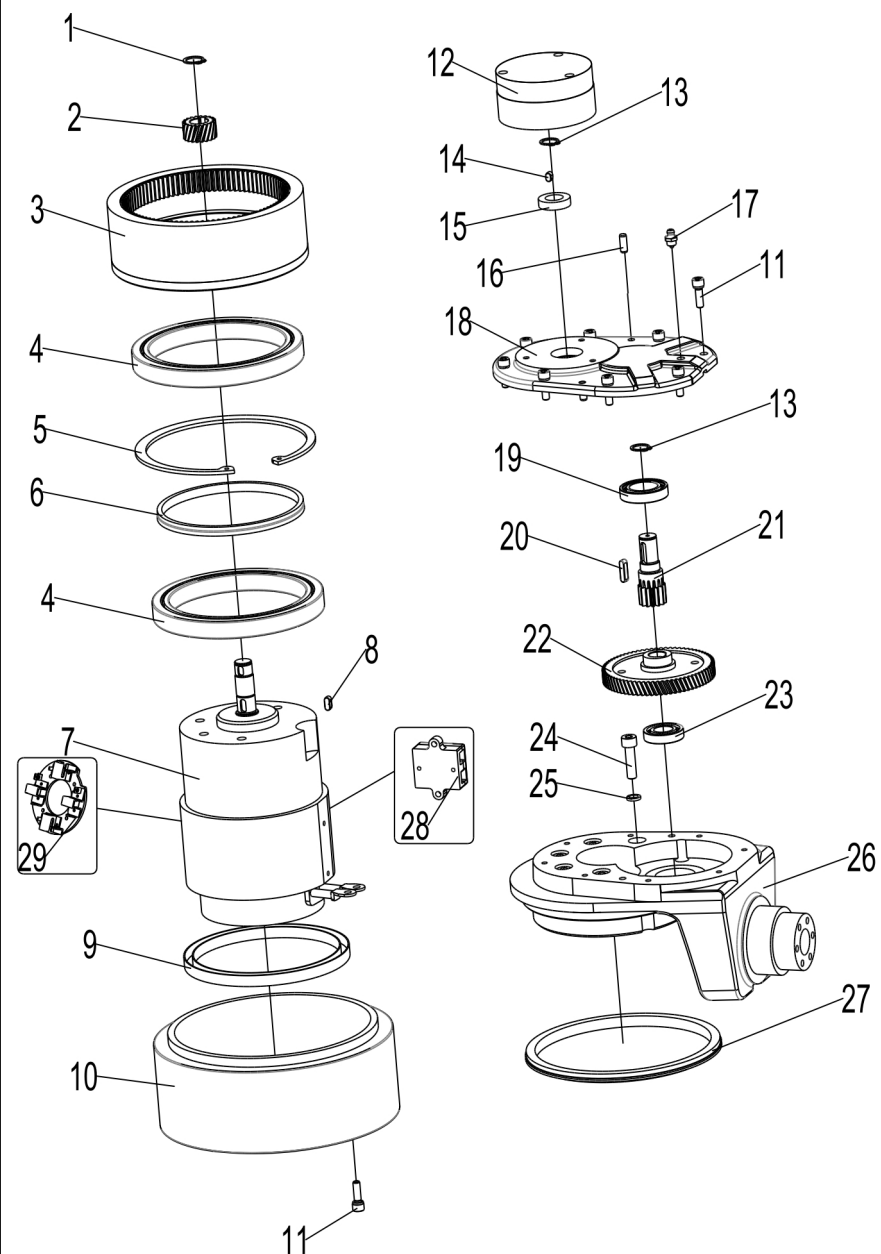
2.201 Driving System(For Caster Assembly) 驱动系统（带辅助轮）

[illegible]

2.3 Training Wheel Assembly

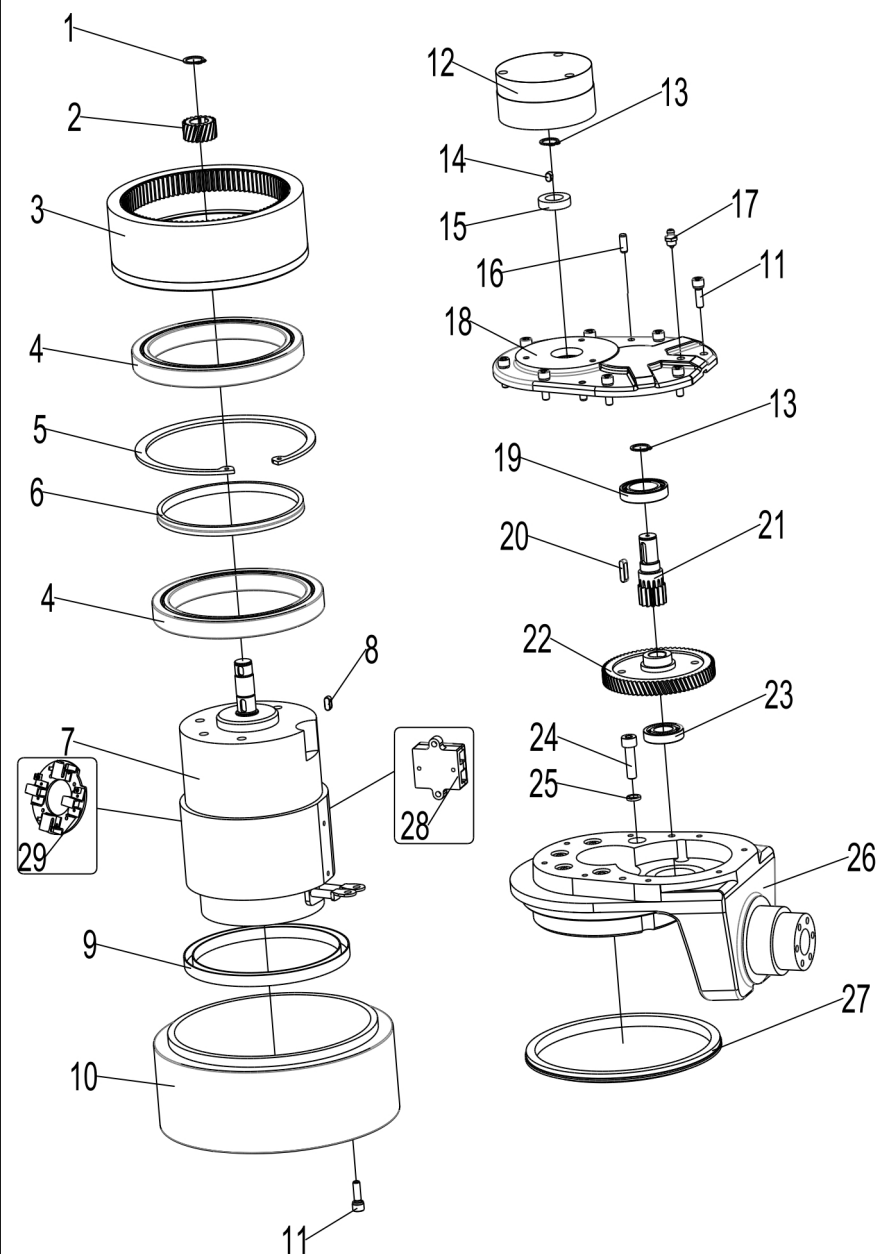
[illegible]

2.4 Driving Assembly 驱动总成

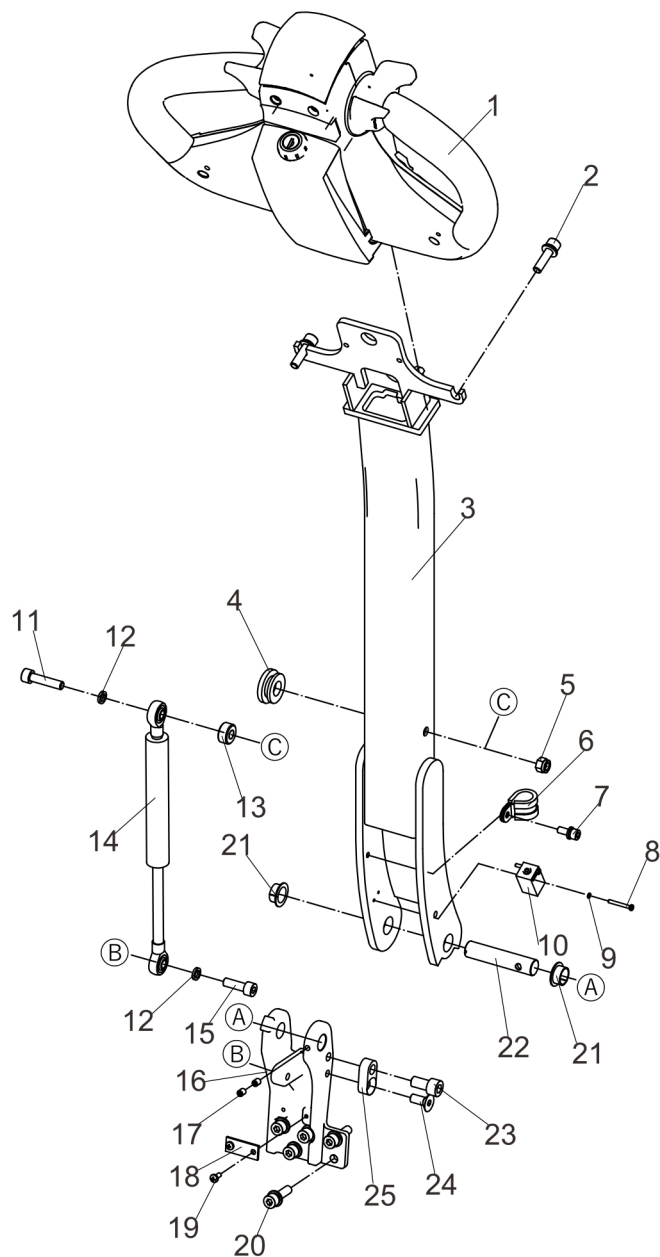


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	52101000020	Driving Assembly 驱动总成	1		
1	30421160001	Cir clip For Shaft Φ16 轴用挡圈	1		03.0062
2	52202120001	Driving Gear 主动斜齿轮	1		02.01.00702
3	52201150005	Internal Gear 内齿轮	1		02.01.00684
4	30701120003	Bearing 61824 轴承	2		02.01.006810
5	30421000002	Cir clip For Hole Φ150 孔用挡圈	1		03.0709
6	52105000040	Spacer 隔套	1		02.01.9294
7	70402000022	Motor 电机	1		02.DJ.00850
8	30601050003	Flat Key Pin 平键销	1		03.0716
9	30802128001	Oil Seal 油封	1		02.01.3703
10	51241000104	Driving Wheel 驱动轮	1		02.QDL.0272
11	30201060003	Screw M6×20 螺钉	16		03.1180
12	55704000001	Brake Assembly 刹车总成	1		02.01.3596
13	30421150001	Cir clip For Shaft Φ15 轴用挡圈	2		03.0061
14	30601050005	Flat Key Pin 平键销	1		03.0975
15	30802016001	Oil Seal 油封	1		03.0719
16	30501060003	Cylindrical Pin Φ6×16 圆柱销	2		03.0439
17	30821008001	Grease Fitting 黄油嘴	1		03.0506
18	52105000041	Gearbox Cover 箱盖	1		02.01.210707
19	30701025001	Bearing 61905 轴承	1		03.90.075
20	30601050004	Flat Key Pin 平键销	1		03.0717
21	52201150006	Transmission Gear 传动齿轮	1		02.01.00701
22	52202120004	Driven Gear 被动斜齿轮	1		02.01.00703
23	30701017001	Bearing 16003 轴承	1		03.90.074
24	30201080006	Screw M8×30 螺钉	5		03.01571
25	30411080002	Lock Washer Φ8 弹垫	5		03.0012
26	52105000038	Gearbox 齿轮箱	1		02.CLX.210715
27	30802155001	Big Oil Seal 大油封	1		02.01.3681

2.4 Driving Assembly 驱动总成

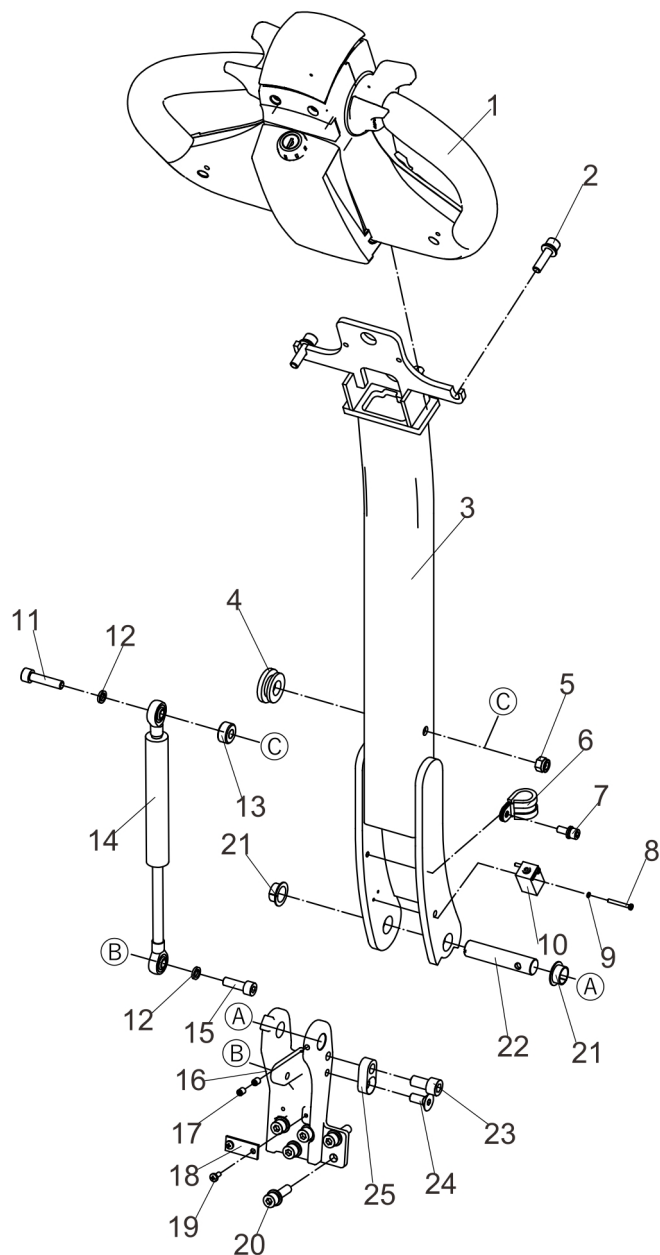
[illegible]

3.102 Operating Handle Assembly
操作手柄总成

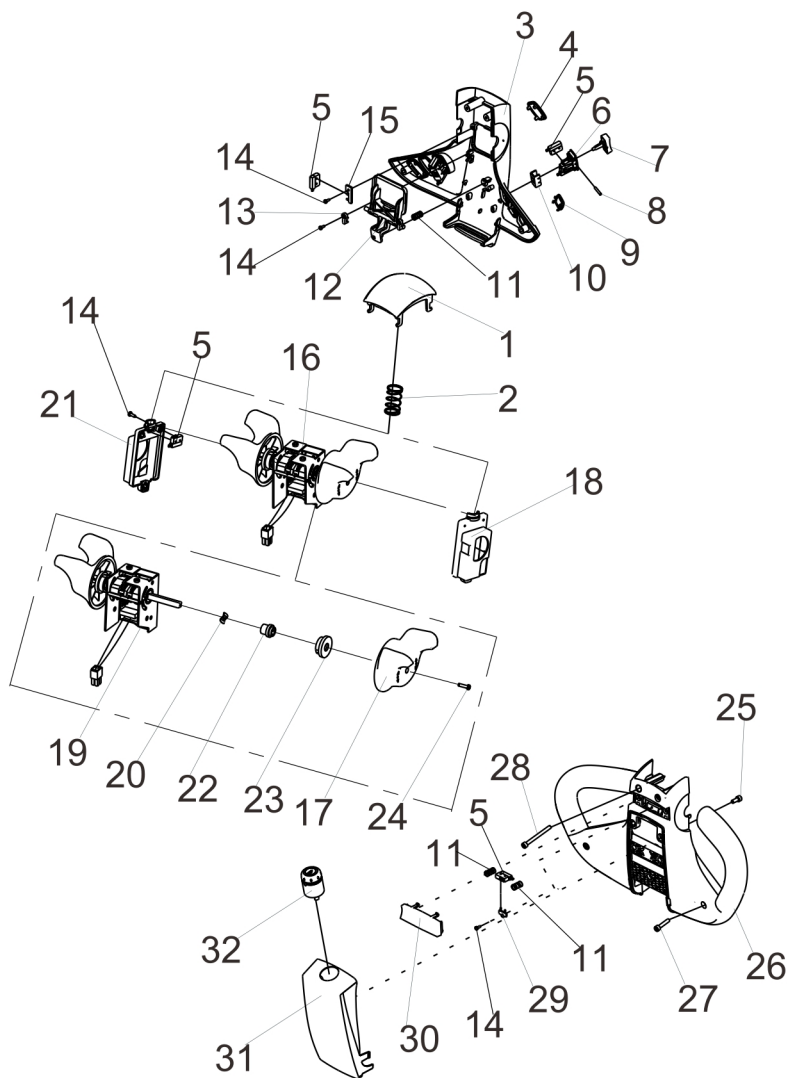


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	20301020808	Operating Handle Assembly 操作手柄总成	1		
1	71501000008	Control Pod Assembly 手柄头总成	1		02. SB. 317518
2	30201080022	Screw M8×20 螺钉	3		03. 0817
3	01 20301020828	Control Handle 手柄杆	1	-220806	
3	02 55221000051	Control Handle 手柄杆	1	220806-	
4	54316000016	Cushion 防震垫	1		02. 01. 2127
5	30301080001	Nut M8 螺母	1		03. 0258
6	54101000037	R-hoop Φ16 R型箍	1		03. 04617
7	30201060037	Screw M6×16 螺钉	1		03. 0934
8	30211030007	Screw M3×25 螺钉	2		03. 01301
9	30411030001	Lock Washer Φ3 弹垫	2		03. 00091
10	70109000004	Proximity Switch 接近开关	1		19. 10520
11	30201080032	Screw M8×35 螺钉	1		03. 0158
12	30411080002	Lock Washer Φ8 弹垫	2		03. 0012
13	50301090003	Sleeve 隔套	1		40. 11. 066
14	50407000014	Gas Spring 气弹簧	1		02. QTH. 2217
15	30201080005	Screw M8×25 螺钉	1		03. 01560
16	01 20201000910	Bracket 关节座	1	-240225	40. 11. 063
16	02 54202000024	Bracket 关节座	1	240225-	
17	30221060006	Screw M6×8 螺钉	2		03. 0270
18	01 20201000295	Bracket 压线板	1	-240225	40. 11. 064
18	02 54101000040	R-hoop Φ14 R型箍	1	240225-	
19	01 30211040013	Screw M4×10 螺钉	2	-240225	03. 0230
19	02 30211040013	Screw M4×10 螺钉	1	240225-	03. 0230
20	30201080024	Screw M8×25 螺钉	5		03. 01562
21	54001000008	Bushing Φ18×Φ16×10 带肩复合套	2		03. 0452
22	50101160007	Shaft 关节轴	1		40. 11. 065
23	01 30201100022	Screw M10×20 螺钉	1	-240225	03. 0163

操作手柄总成

[illegible]

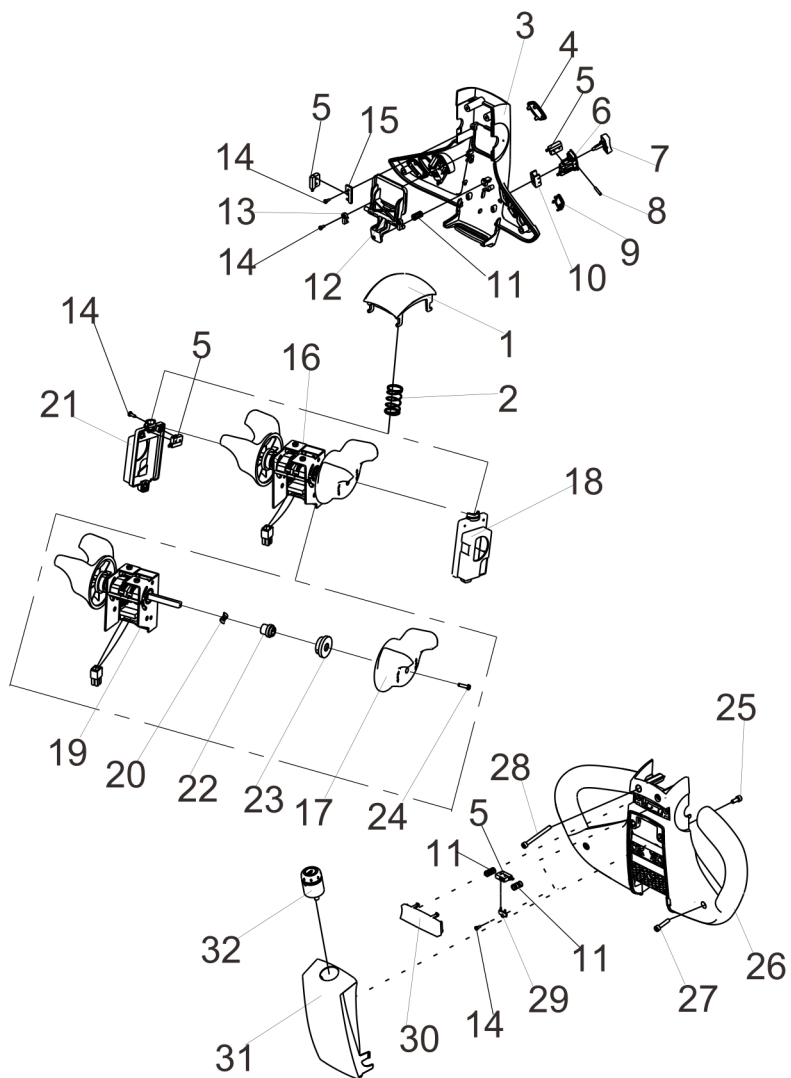
3.2 Control Pod Assembly 手柄头总成



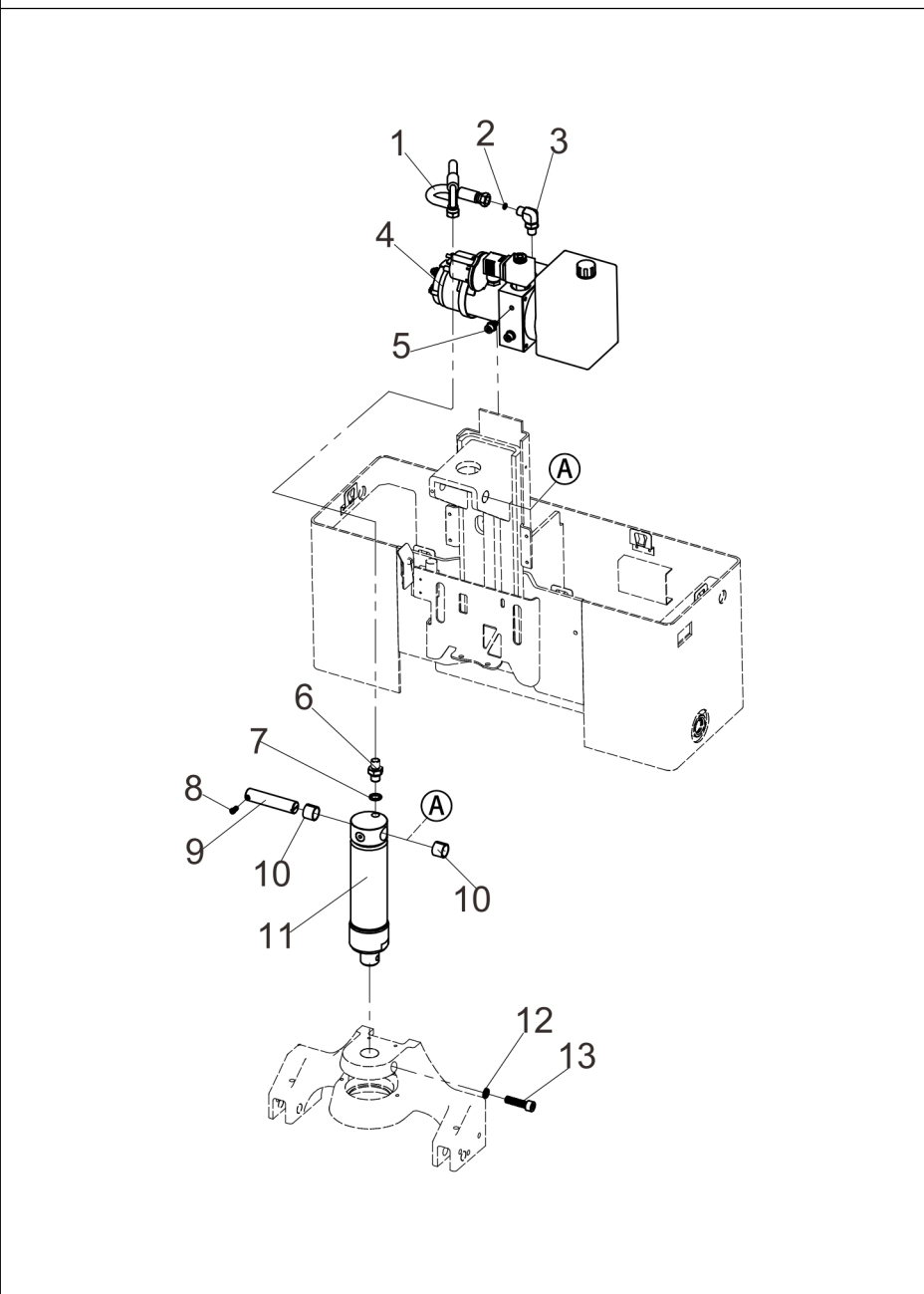
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	71501000008	Control Pod Assembly 手柄头总成	1		
1	71511000015	Belly Switch 肚皮开关	1		16.0038
2	71511000016	Spring 弹簧	1		03.0725
3	71511000001	Upper Cover 上盖	1		02.01.31770
4	70601000017	Electricity Meter 电量表	1		
5	70103000006	Micro Switch 微动开关	7		
6	71511000007	Lift Button Base 升降按钮底座	2		02.01.317718
7	71511000004	Lift Button 升降按钮	2		02.01.317721
8	71511000017	Cylindrical Pin $\Phi 3 \times 17$ 圆柱销	2		03.0760
9	71511000014	Button Plug 按钮堵头	3		02.01.317725
10	73109000011	Fixing Sleeve 固定套	2		30.01.3427
11	71511000018	Spring 弹簧	3		
12	71511000005	Horn Button 喇叭按钮	1		02.01.317723
13	71511000345	Button Clip 按钮卡子	2		02.01.317724
14	30231030002	Screw 螺钉	5		02.SB.PJ.0012
15	71511000107	Install The Card 安装卡	1		02.SB.PJ.0006
16	70132000105	Accelerator Assembly 加速器总成	1		02.01.2155
17	71511000115	Knob 旋钮	2		02.SB.PJ.0027
18	71511000013	Bracket Right 支架右	1		30.01.3424
19	70132000001	Accelerator 加速器	1		02.01.2151
20	30431080001	Wave Washers 波形垫圈	2		03.0735
21	71511000012	Bracket Left 支架左	1		30.01.3423
22	71511000112	Shaft Sleeve 轴内套	2		30.01.3426
23	71511000113	Shaft Jacket 轴外套	2		02.SB.PJ.0025
24	30211030008	Screw M3 $\times$ 12 螺钉	2		
25	30201050009	Screw M5 $\times$ 12 螺钉	2		
26	71511000002	Lower Cover 下盖	1		02.01.31772
27	30201050017	Screw M5 $\times$ 25 螺钉	2		03.01410

3.2 Control Pod Assembly

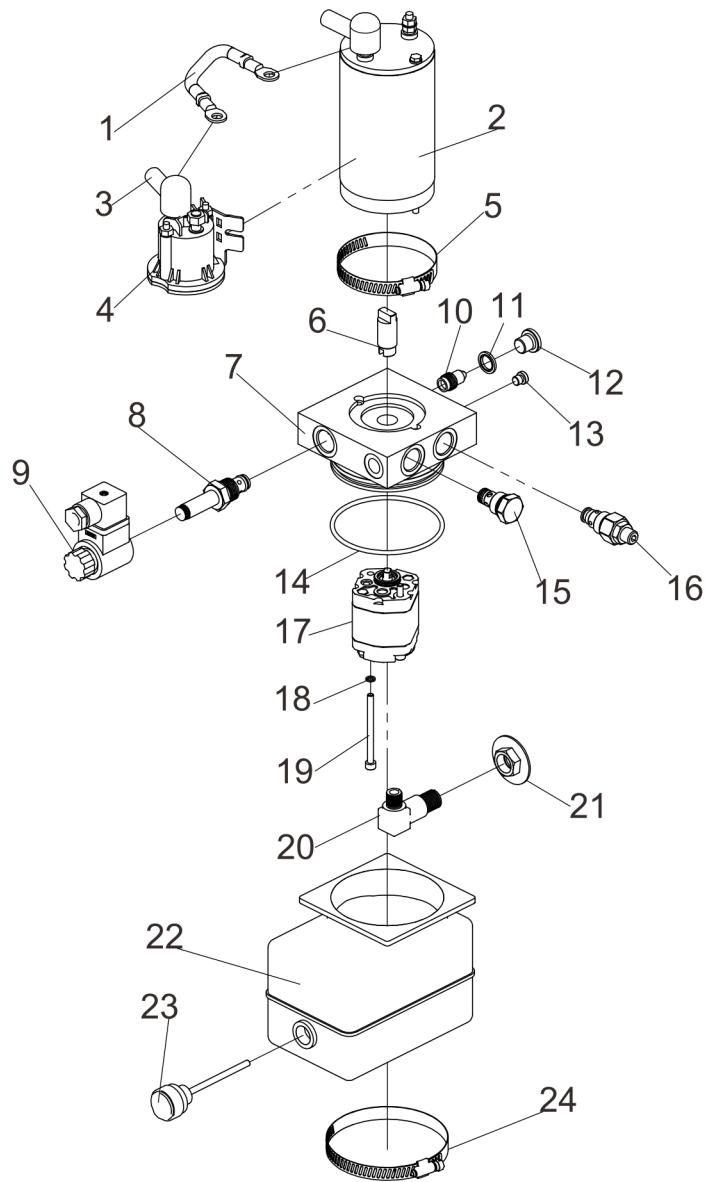
手柄头总成

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4.101	Hydraulic System
	液压系统

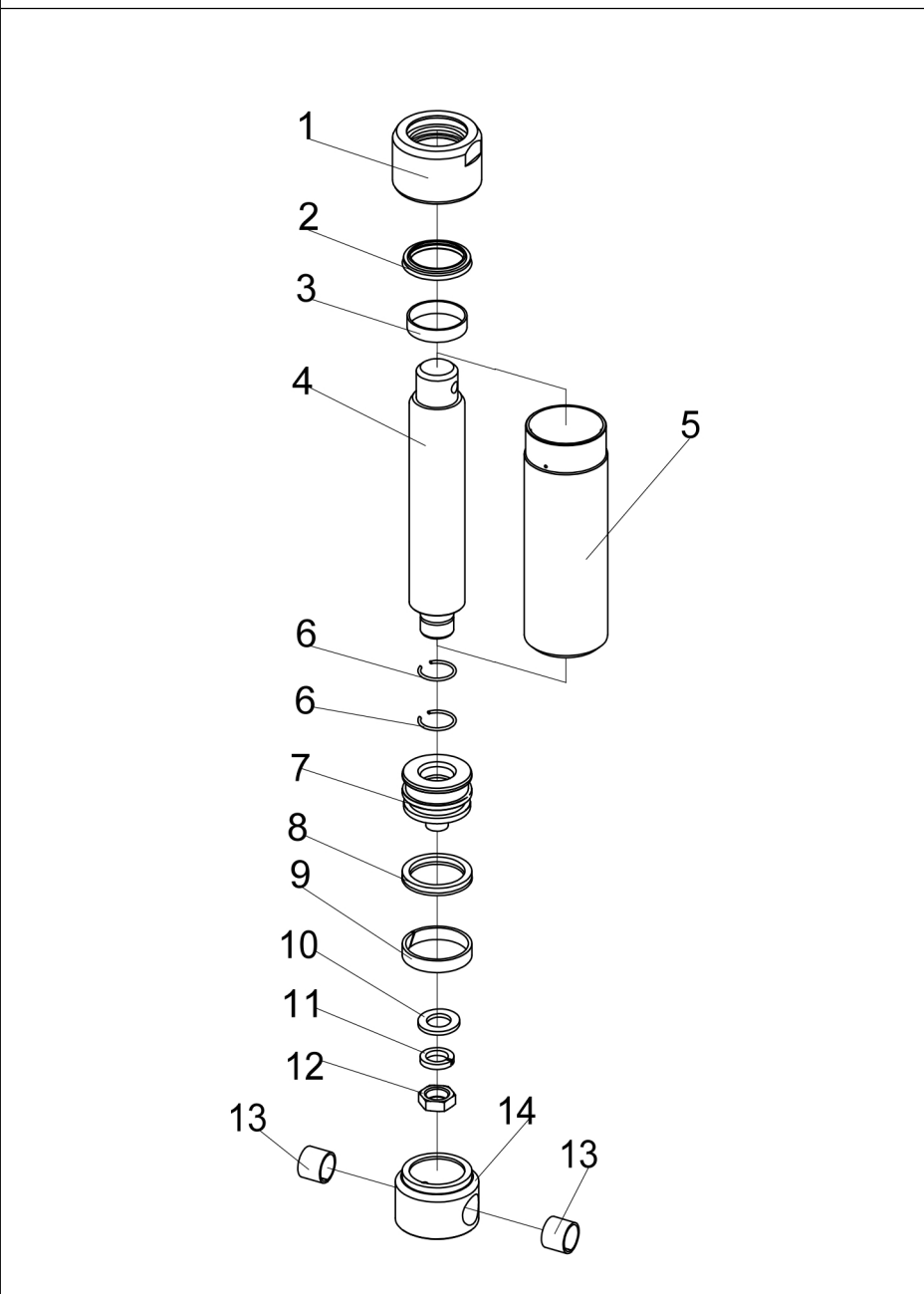
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4.2 Power Unit Assembly
动力单元组件



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	40401024089	Power Unit Assembly 动力单元组件	1		02.DLDY. 0121
1	20101030752	Cable 接触器连接线	1		
2	70402000007	Motor 直流提升电机	1		02.DJ. 33618
3	54312000003	Cover 烟斗护套	2		02.01. 2265
4	70303000006	Relay Starter 直流接触器	1		02.01. 2207
5	54012000012	Clamp 抱箍	1		03. 1045
6	40411000058	Coupling 联轴器	1		02.01. 9039
7	40407000005	Adapter 中心块	1		02.01. 9038
8	71531000003	Valve Element 电磁阀	1		02.01. 9150
9	71531000031	Electromagnet 电磁阀线圈	1		02.01. 9366
10	40405000012	Pressure Valve 压力补偿阀	1		02.01. 9384
11	30803013001	Washer Φ13 组合密封垫	1		03. 1067
12	50204000003	Plugs 堵头	1		02.01. 9056
13	50204000005	Plugs 堵头	2		02.01. 9153
14	30801088001	O-ring O型圈	1		02.01. 9058
15	40405000038	Check Valve 单向阀	1		02.01. 9028
16	40405000056	Relief Valve 溢流阀	1		02.01. 9151
17	40402000006	Gear Pumps 齿轮泵	1		02.01. 9059
18	30411050001	Gas Spring Φ5 弹垫	2		03. 00132
19	30201050020	Screw M5×65 螺钉	2		03. 0967
20	40411000028	Right Angle Joints 直角管	1		02. YYL. 3690
21	40412000005	Filter 滤网	1		02.01. 9310
22	40409000001	Tank 油箱	1		02.01. 9053
23	40410000010	Cover 油箱盖	1		02.01. 30423
24	54012000013	Clamp 抱箍	1		03. 1080

4.3	Lifting Cylinder 起升油缸
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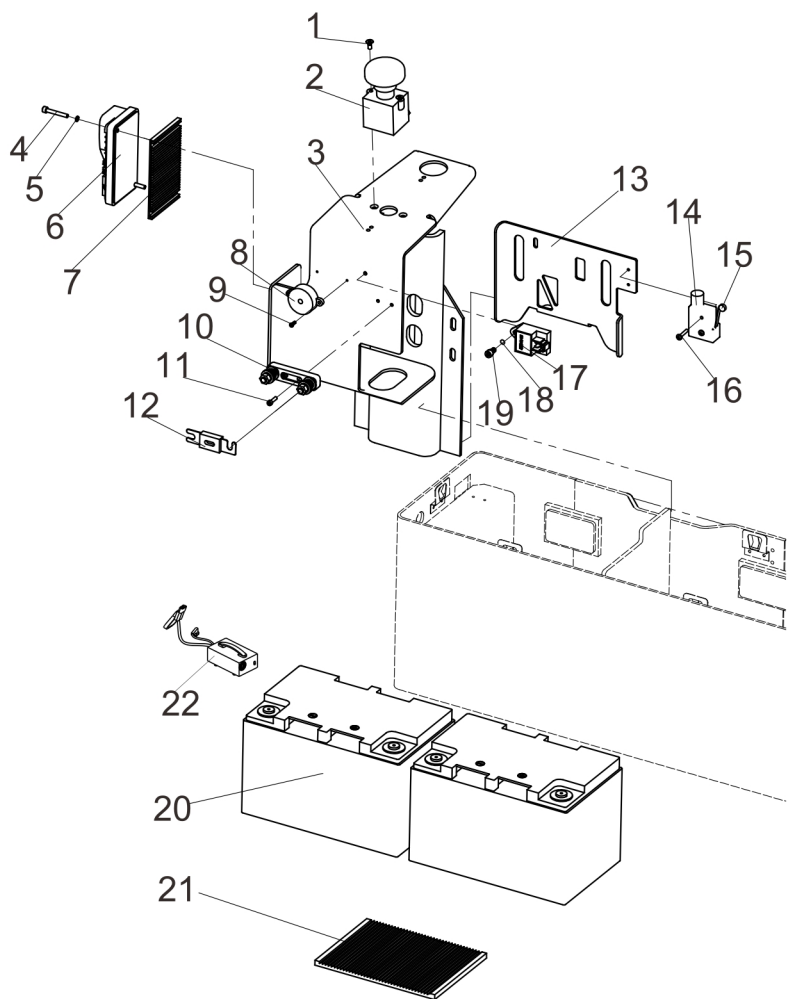
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5.101 Electrical System

电气系统

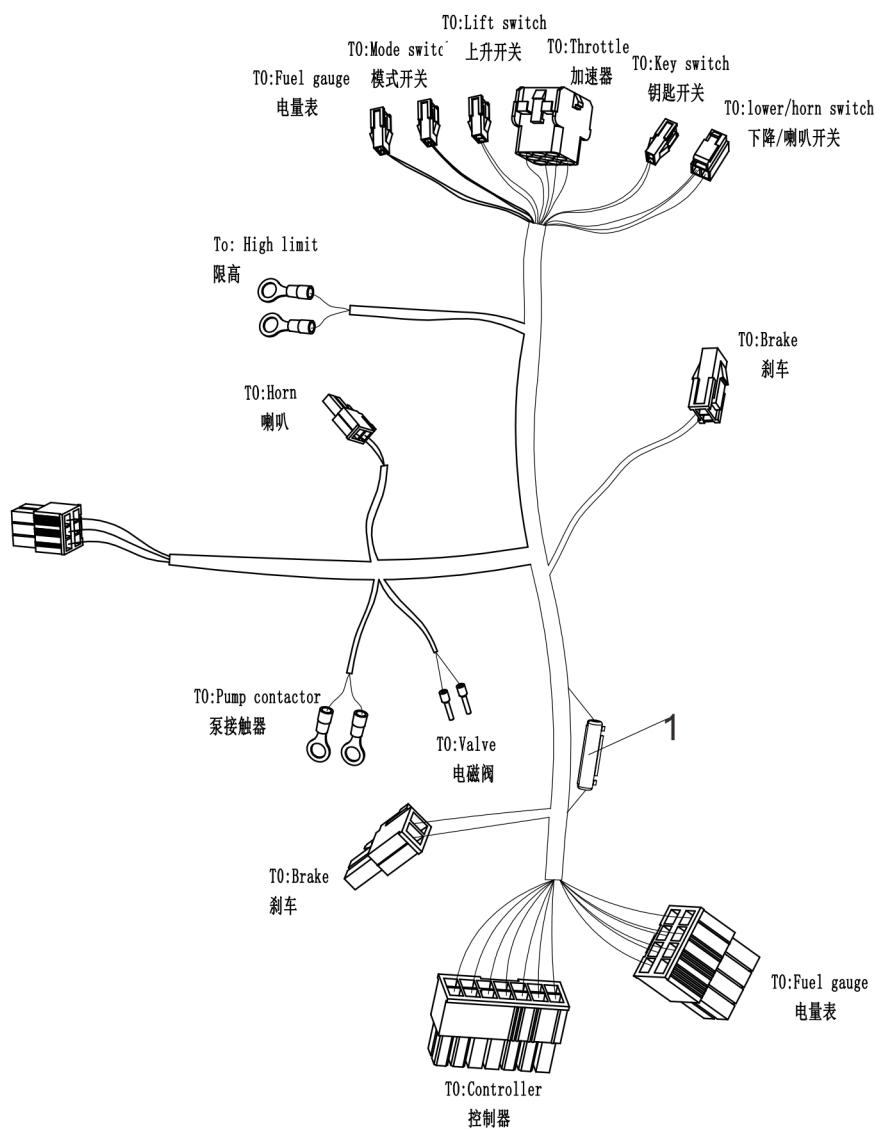
Item	Part No.	Description	Qty	Applied Date	Remark
序号	代码	名称	数量	适用日期	备注
1	30211050020	Screw M5×12 螺钉	2		03.04141
2	70104000003	Emergency Stop Switch 急停开关	1		02.01.2169
3	20101010092	Plate 电气固定板	1		33.022.0008
4	30201050014	Screw M5×35 螺钉	2		03.01340
5	30411050001	Gas Spring Φ5 弹垫	2		03.00132
6	70302000113	Control (大能) 控制器	1		
6 01	70302000002	Control (1212P) 控制器	1	-20240929	02.KZQ.2167
6 02	70302000123	Control (1212C) 控制器	1	20240929-	
6	70302000004	Control (1212S) 控制器	1		02.KZQ.21511
7	70331000412	Mounting plate 电控安装板	1		
8	70223000001	Horn 蜂鸣器组件	1		19.03620
9	30211030005	Screw M3×10 螺钉	2		03.05361
10	70711000001	Fuse holder 保险丝座	1		02.01.3057
11	30211030004	Screw M5×16 螺钉	2		03.05360
12	70701000002	Fuse 保险丝	1		19.03450
13	20201000255	Plate 挡线板	1		40.11.053
14	54305000002	Switch Box 开关盒	1		
15	70103000001	Micro Switch 微动开关	1		02.01.2182
16	30211040009	Screw M4×22 螺钉	2		03.0220
17	70307000011	Relays 继电器	1		02.01.2216
18	30411060002	Gas Spring Φ6 弹垫	1		03.0011
19	30201060018	Screw M6×12 螺钉	1		03.0145
20	70502120010	Battery (12V/65AH) 蓄电池	2		02.XDC.3460
20	70502120014	Battery (12V/75AH) 蓄电池	2		02.XDC.2213
21	54316000023	Non slip mats 防滑垫	2		30.28.0006
22	70411010017	Charger CHINA 24V10A 充电器国标	1		02.CDQ.0070
22	70411010018	Charger EUROPE 24V10A 充电器欧标	1		02.CDQ.0073
22	70411010019	Charger USA 24V10A 充电器美标	1		02.CDQ.0080

5.101	Electrical System 电气系统
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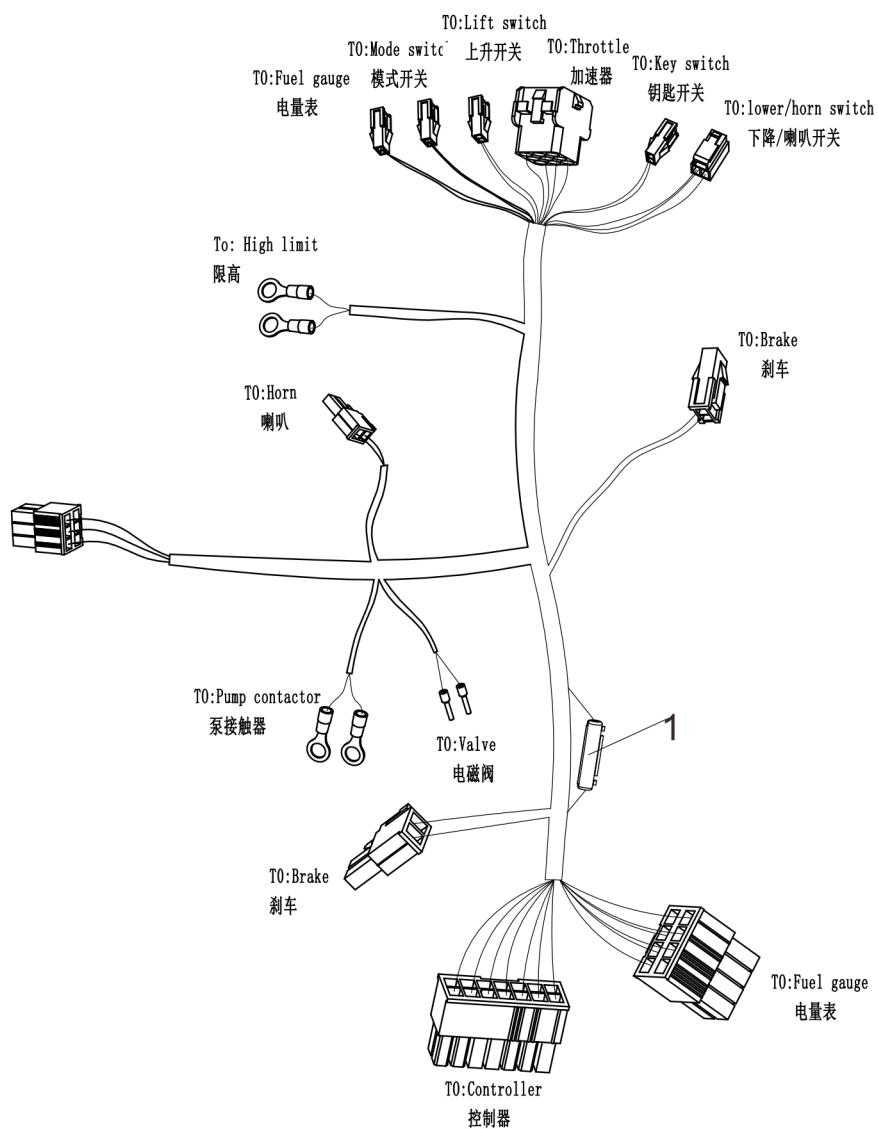
5.201 Wiring Harness Assembly (1212P)

线束总成 (1212P)

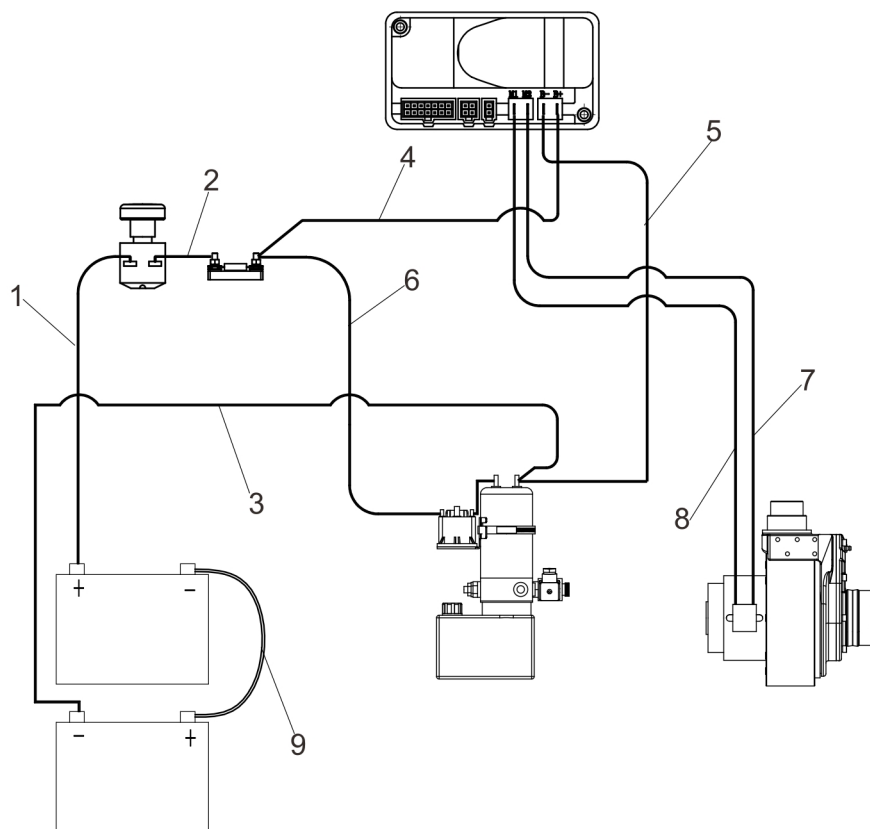
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5.3 Wiring Harness Assembly (1212S)

线束总成 (1212S)

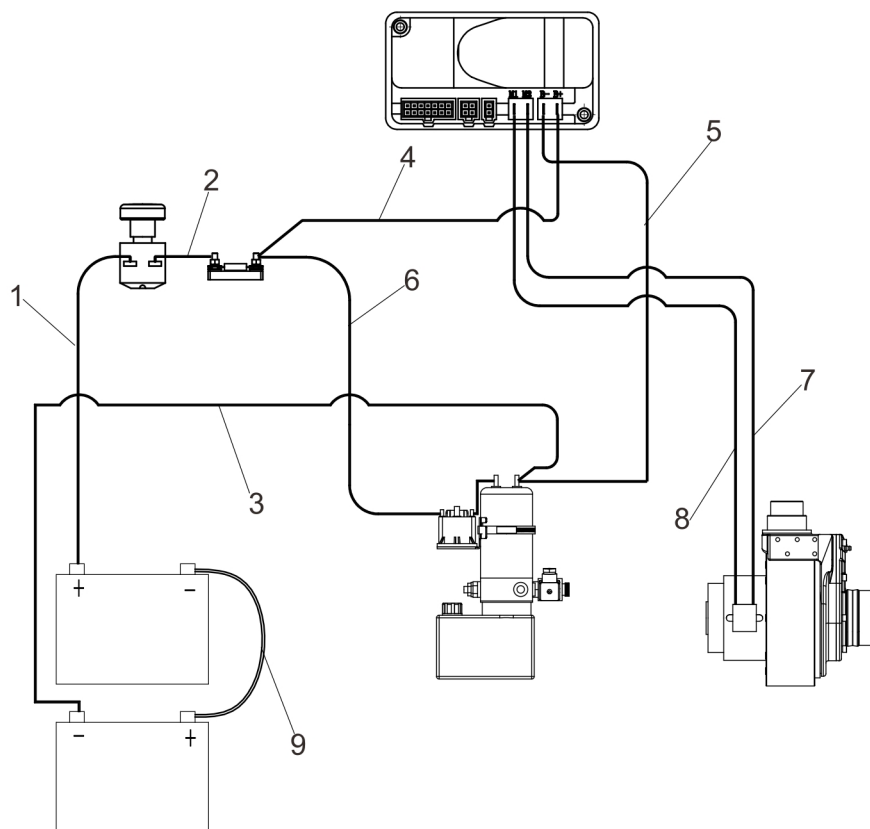
[illegible]

5.4	Cable Assembly (1212P)
	电缆总成 (1212P)

[illegible]

5.5 Cable Assembly (1212S)

电缆总成 (1212S)

[illegible]

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