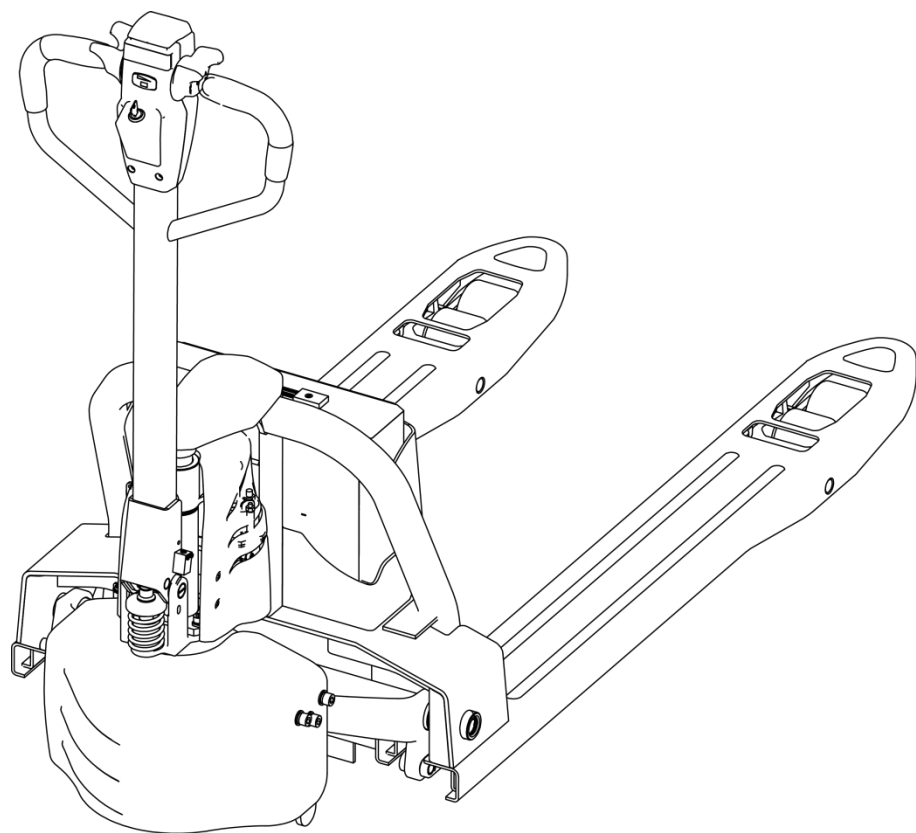




SL20L3E-E
Electric pallet truck
电动托盘搬运车
Parts list 零件目录

20230920 V01

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 cancelled. 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.

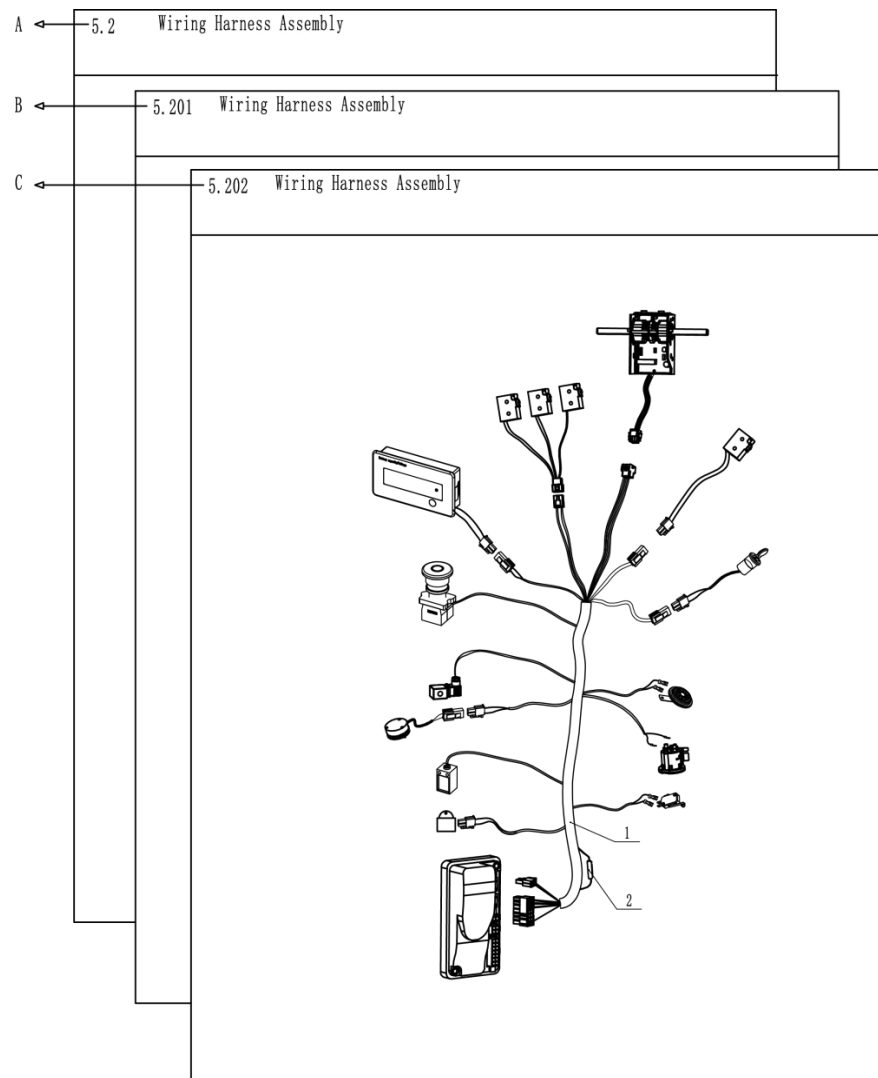
210125- : Beginning on January 25, 2021.

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

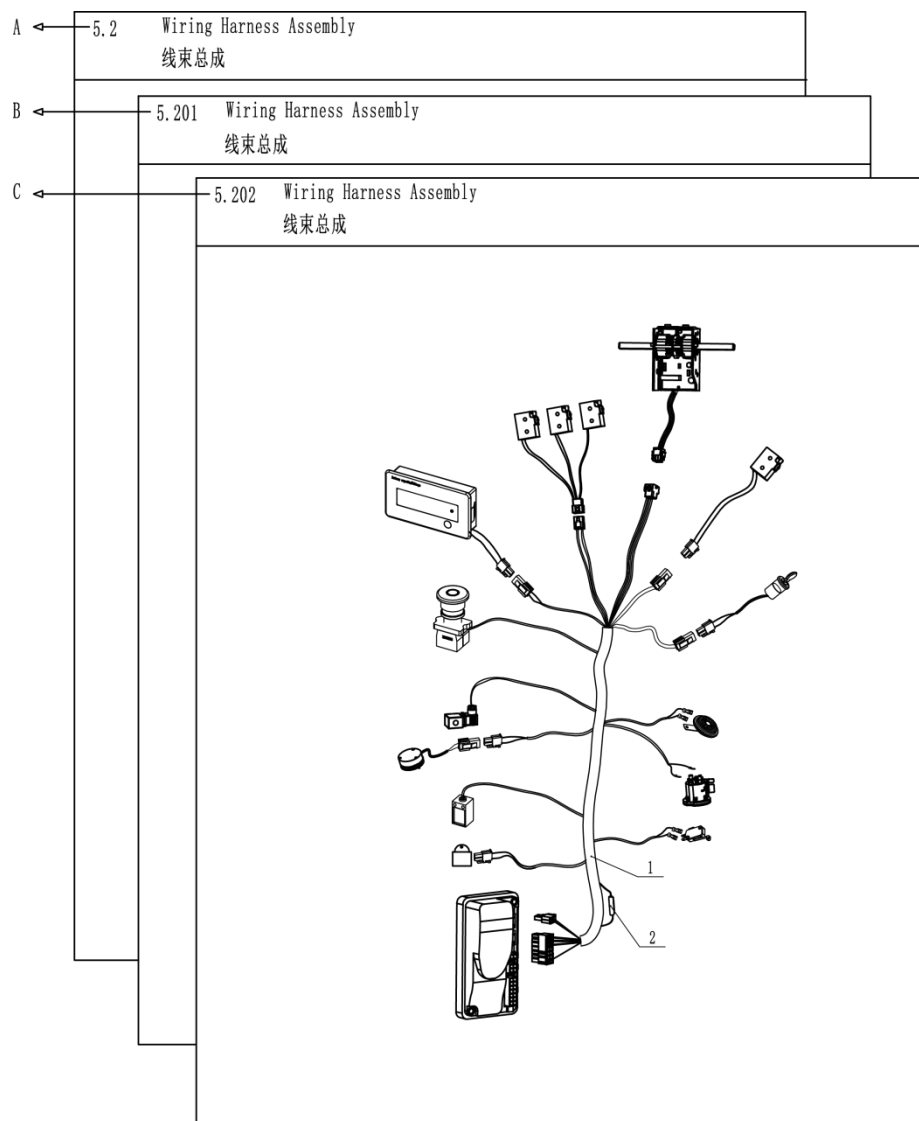
210125- : 起始于 2021 年 01 月 25 日

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。

Index 目录

1. Frame System 车身系统

1.1 Frame System 车架系统.....	1
1.2 Connecting Rod Rocker Assembly(Double Wheel) 连杆摇臂组件(双轮).....	2
1.3 Connecting Rod Rocker Assembly(Single Wheel) 连杆摇臂组件(单轮).....	3
1.4 Cover Assembly 外罩总成.....	4

2. Driving System 驱动系统

2.1 Driving System 驱动系统.....	5
2.2 Driving System(For Caster Assembly) 驱动系统(带辅助轮).....	6
2.3 Driving Assembly 驱动总成.....	7
2.4 Caster Assembly 辅助轮组件.....	9

3. Operating System 操作系统

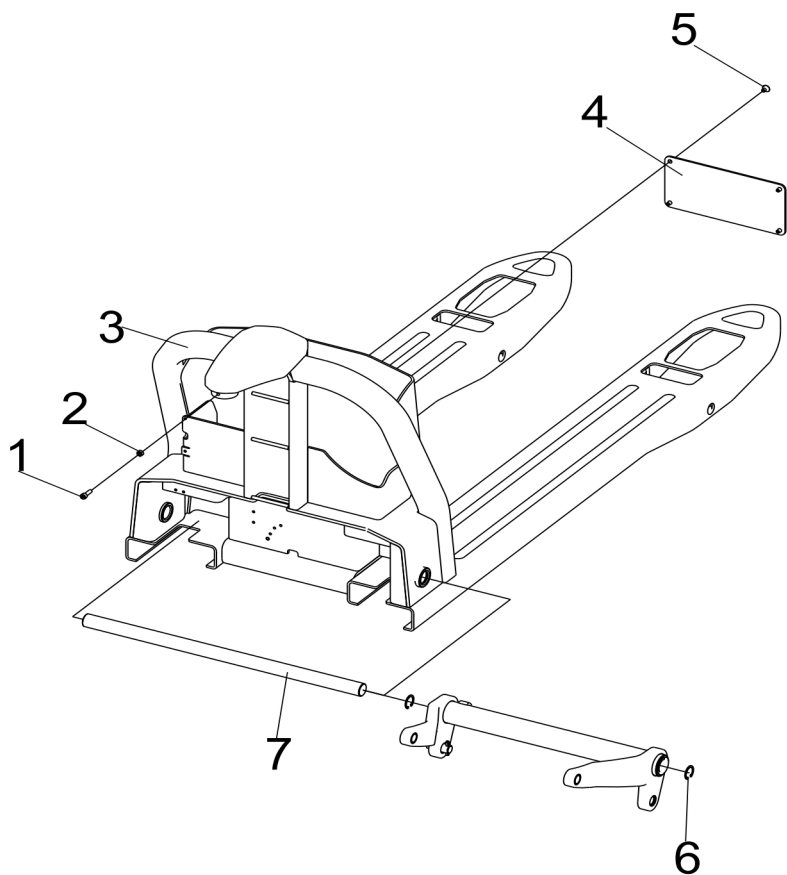
3.1 Operating Handle Assembly 操作手柄组件.....	10
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4. Hydraulic System 液压系统

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5.5 Cable Assembly 电缆总成.....	19

1.1	Frame System 车架系统
-----	----------------------

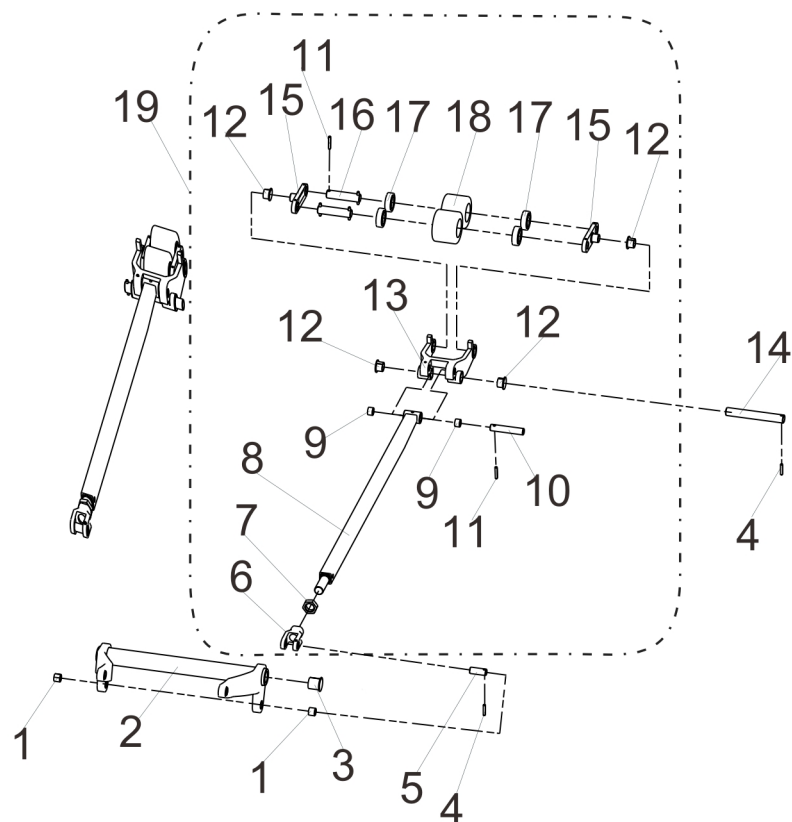


Note 1: Item 3 is the lowest height of forks (to the ground), 85mm, 75mm, 65mm are available. 85mm is standard and 75mm, 65mm are optional.

注释1: 序号3为车架的货叉离地高度, 有85mm, 75mm, 65mm。其中高度75mm和65mm为选配。

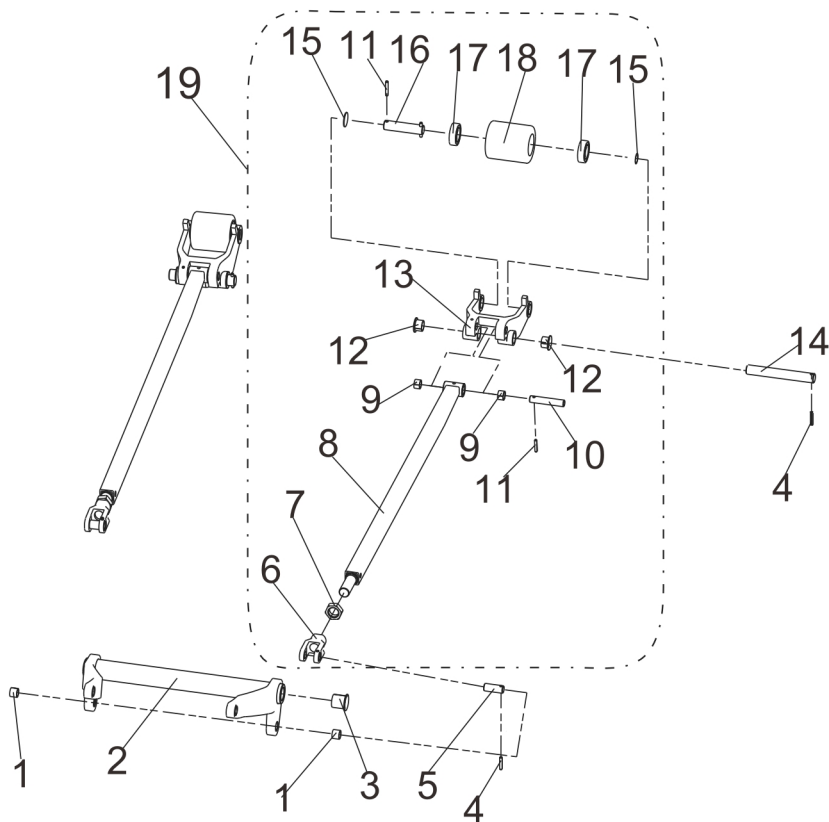
[illegible]

1.2 Connecting Rod Rocker Assembly(Double Wheel)
连杆摇臂组件(双轮)



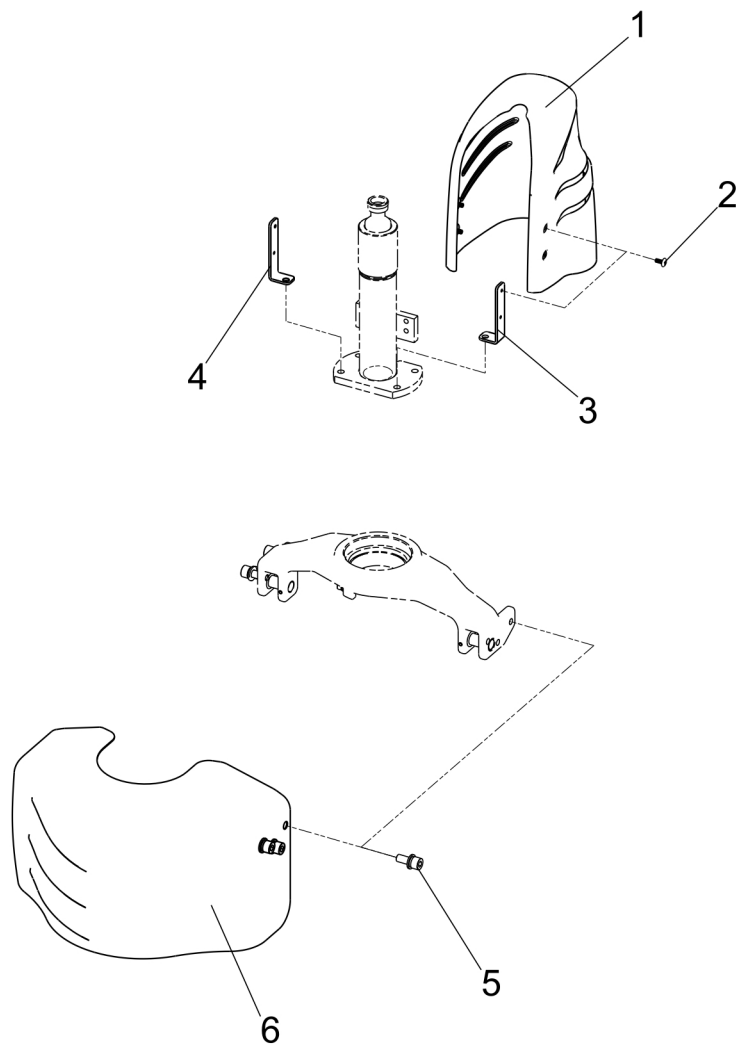
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	20302020188	Connecting Rod Rocker arm Assembly 连杆摇臂组件	1		
1	54002000017	Bushing $\Phi 19 \times \Phi 16 \times 15$ 复合套	4		03. 0691
2	55102000042	Ring Rod (550) 圆环棒	1		33. 050. 0009
2	55102000043	Ring Rod (685) 圆环棒	1		33. 050. 0010
3	54001000003	Bushing $\Phi 28 \times \Phi 25 \times 27$ 带肩复合套	2		03. 04422
4	30501050008	Round Pin $\Phi 5 \times 30$ 弹性圆柱销	4		03. 0305
5	50101160009	Shaft 小轴	2		40. 14. 052
6	55502000003	Push Rod Bracket 推杆叉	2		40. 14. 048
7	30301220002	Nut M22 $\times$ 1.5 螺母	2		03. 0286
8	55501000063	Push Rod Welding 推杆	2		33. 036. 0007
9	54002000024	Bushing $\Phi 19 \times \Phi 16 \times 12$ 复合套	4		03. 0451
10	50101160004	Shaft 推杆安装轴	2		40. 11. 038
11	30501050003	Round Pin $\Phi 5 \times 35$ 弹性圆柱销	10		03. 0303
12 01	54001000009	Bushing $\Phi 23 \times \Phi 20 \times 16.5$ 带肩复合套	4	-220715	03. 0453
12 02	54001000009	Bushing $\Phi 23 \times \Phi 20 \times 16.5$ 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 01	50101200004	Shaft 轮架安装轴	2	-220715	40. 11. 036
14 02	50101200055	Shaft 轮架安装轴	2	220715-	
15	51251000014	Bracket 连板	4		30. 01. 1290
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	20302020189	Double Wheel linkage wheel Frames 双轮连杆轮架	2		

1.3 Connecting Rod Rocker Assembly(Single Wheel)
连杆摇臂组件（单轮）

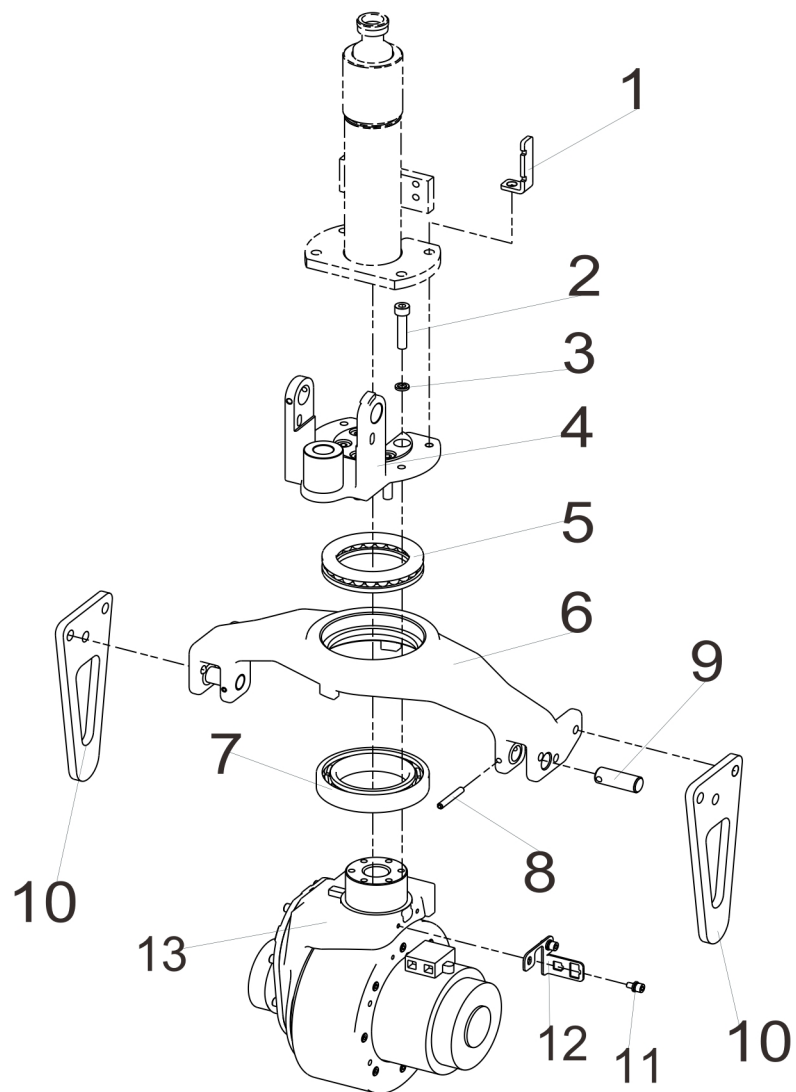


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	20302020190	Connecting Rod Rocker arm Assembly 连杆摇臂组件	1		
1	54002000017	Bushing $\Phi 19 \times \Phi 16 \times 15$ 复合套	4		03. 0691
2	55102000042	Ring Rod (550) 圆环棒	1		33. 050. 0009
2	55102000043	Ring Rod (685) 圆环棒	1		33. 050. 0010
3	54001000003	Bushing $\Phi 28 \times \Phi 25 \times 27$ 带肩复合套	2		03. 04422
4	30501050008	Round Pin $\Phi 5 \times 30$ 弹性圆柱销	4		03. 0305
5	50101160009	Shaft 小轴	2		40. 14. 052
6	55502000003	Push Rod Bracket 推杆叉	2		40. 14. 048
7	30301220002	Nut M22 $\times$ 1.5 螺母	2		03. 0286
8	55501000063	Push Rod Welding 推杆	2		33. 036. 0007
9	54002000024	Bushing $\Phi 19 \times \Phi 16 \times 12$ 复合套	4		03. 0451
10	50101160004	Shaft 推杆安装轴	2		40. 11. 038
11	30501050003	Round Pin $\Phi 5 \times 35$ 弹性圆柱销	4		03. 0303
12	54001000009	Bushing $\Phi 23 \times \Phi 20 \times 16.5$ 带肩复合套	4		03. 0453
13	55103000004	Wheel Bracket 轮架	2		40. 11. 037
14	01 50101200004	Shaft 轮架安装轴	2	-220715	40. 11. 036
14	02 50101200055	Shaft 轮架安装轴	2	220715-	
15	50301200019	Washer 垫圈	Req.		03. 0950
16	50101200019	Shaft 承载轮销轴	1		30. 01. 3629
17	30701020006	Bearing 6304 轴承	4		03. 90. 036
18	51241000054	Loading Wheel 承载轮	2		
19	20302020191	Single Wheel linkage wheel Frames 单轮连杆轮架	1		

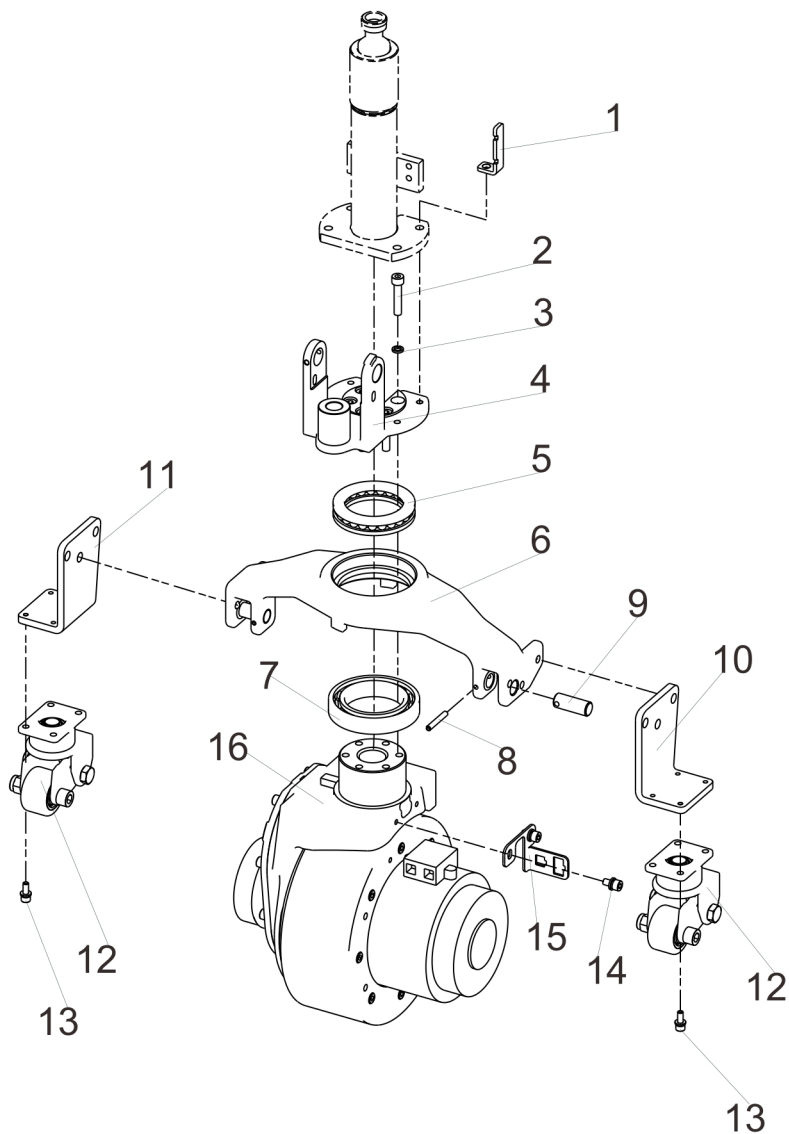
1.4	Cover Assembly 外罩总成
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[illegible]

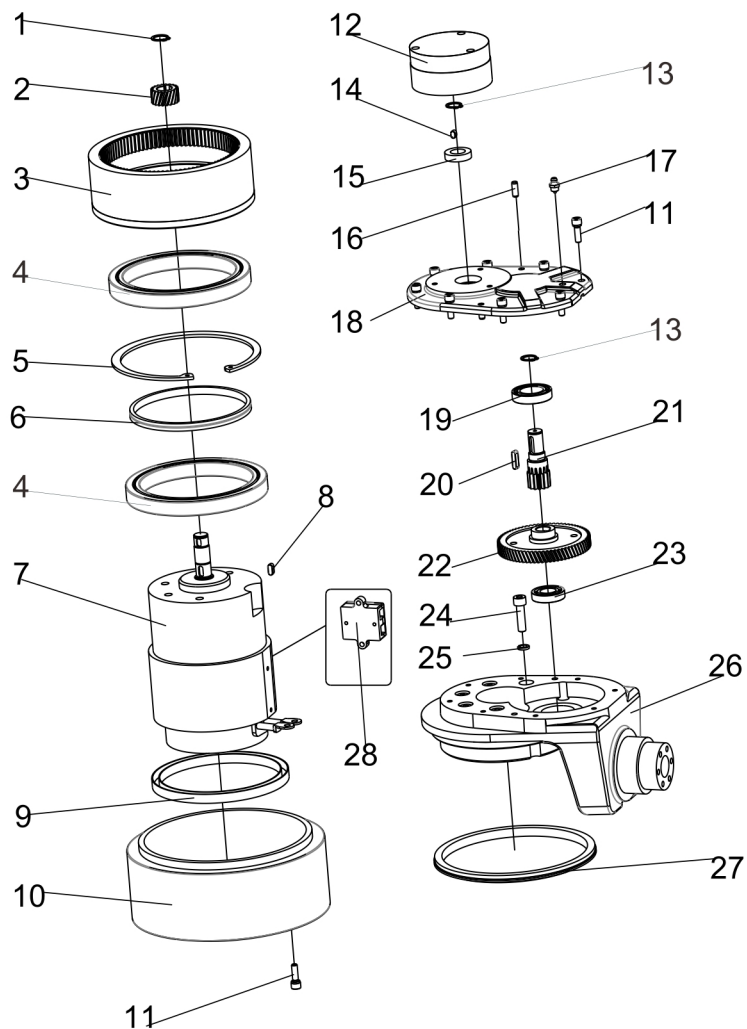
2.1	Driving System 驱动系统
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[illegible]

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

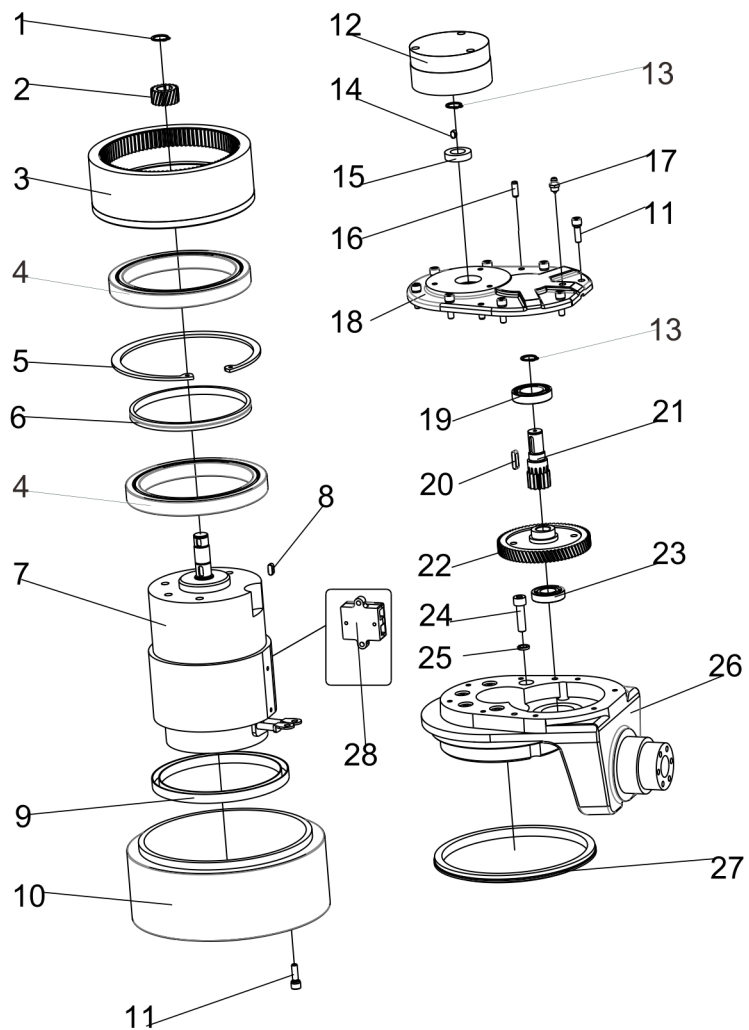
[illegible]

2.3 Driving Assembly 驱动总成

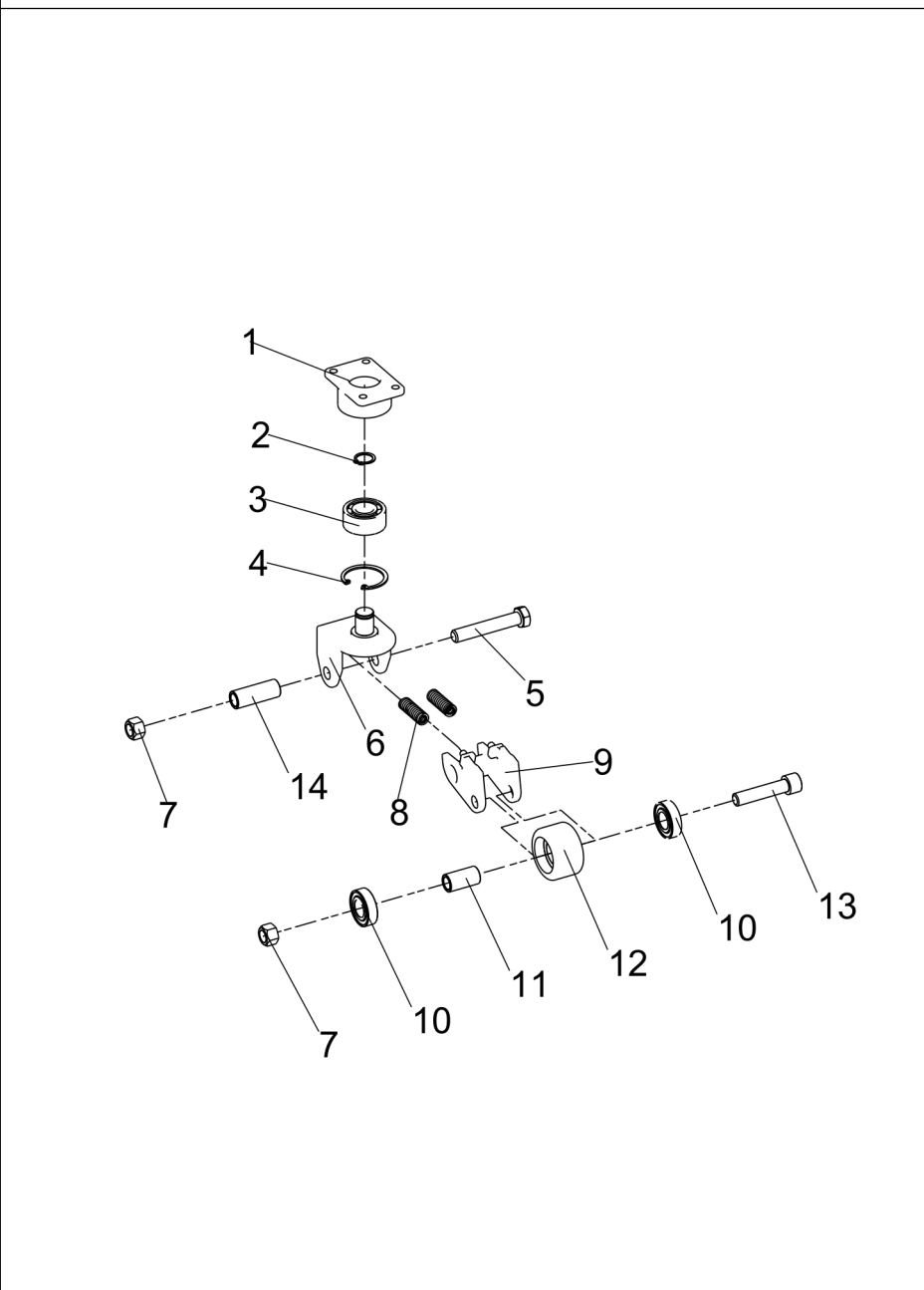


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	52101000054	Driving Assembly 驱动总成	1		02. QD. 0289
1	30421160001	Cir clip For Shaft Φ16 轴用挡圈	1		03. 0062
2	52202120001	Driving Gear 主动斜齿轮	1		02. 01. 00702
3	52201150005	Internal Gear 内齿轮	1		02. 01. 00684
4	30701120003	Bearing 61824 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	70402000021	Motor 电机	1		02. DJ. 33636
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	55704000002	Brake Assembly 刹车总成	1		02. QD. 0285
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	52105000005	Gearbox 齿轮箱	1		02. 01. 9287
27	30802155001	Big Oil Seal 大油封	1		02. 01. 3681

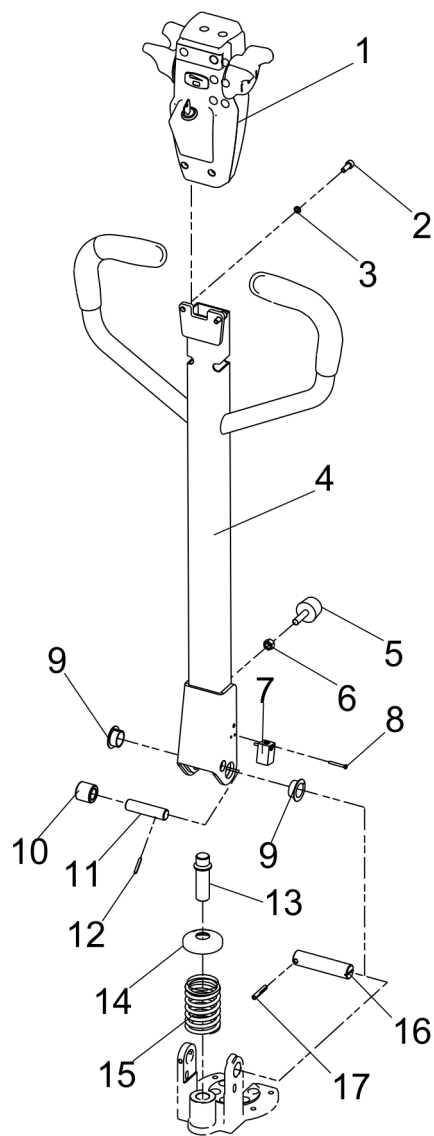
2.3 Driving Assembly

[illegible]

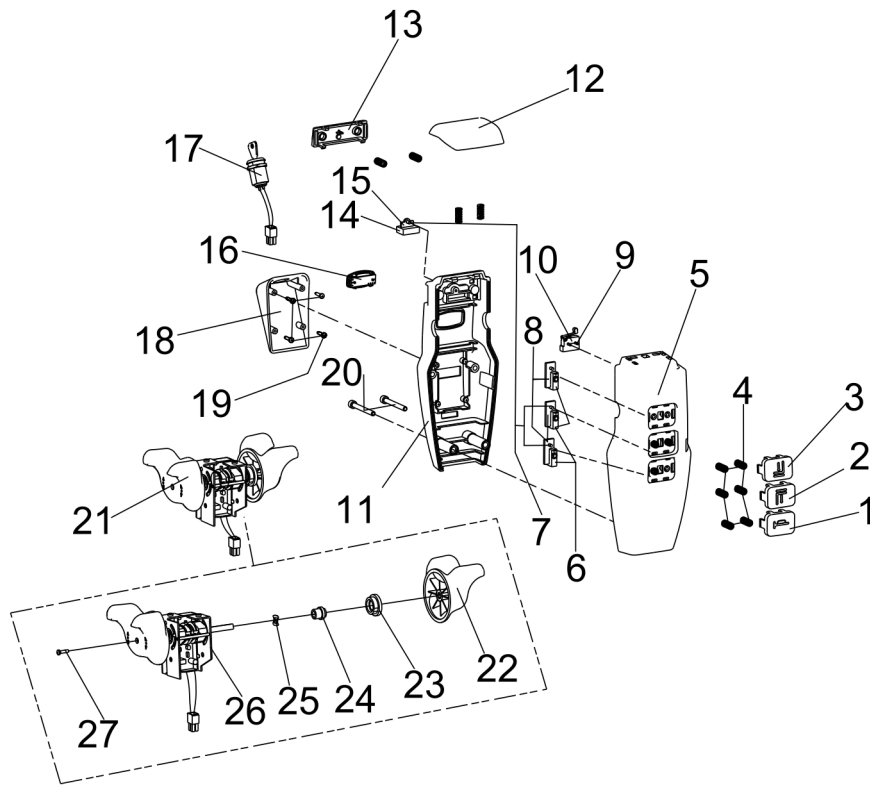
2.4	Caster Assembly 辅助轮组件
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[illegible]

3.1	Operating Handle Assembly 操作手柄组件
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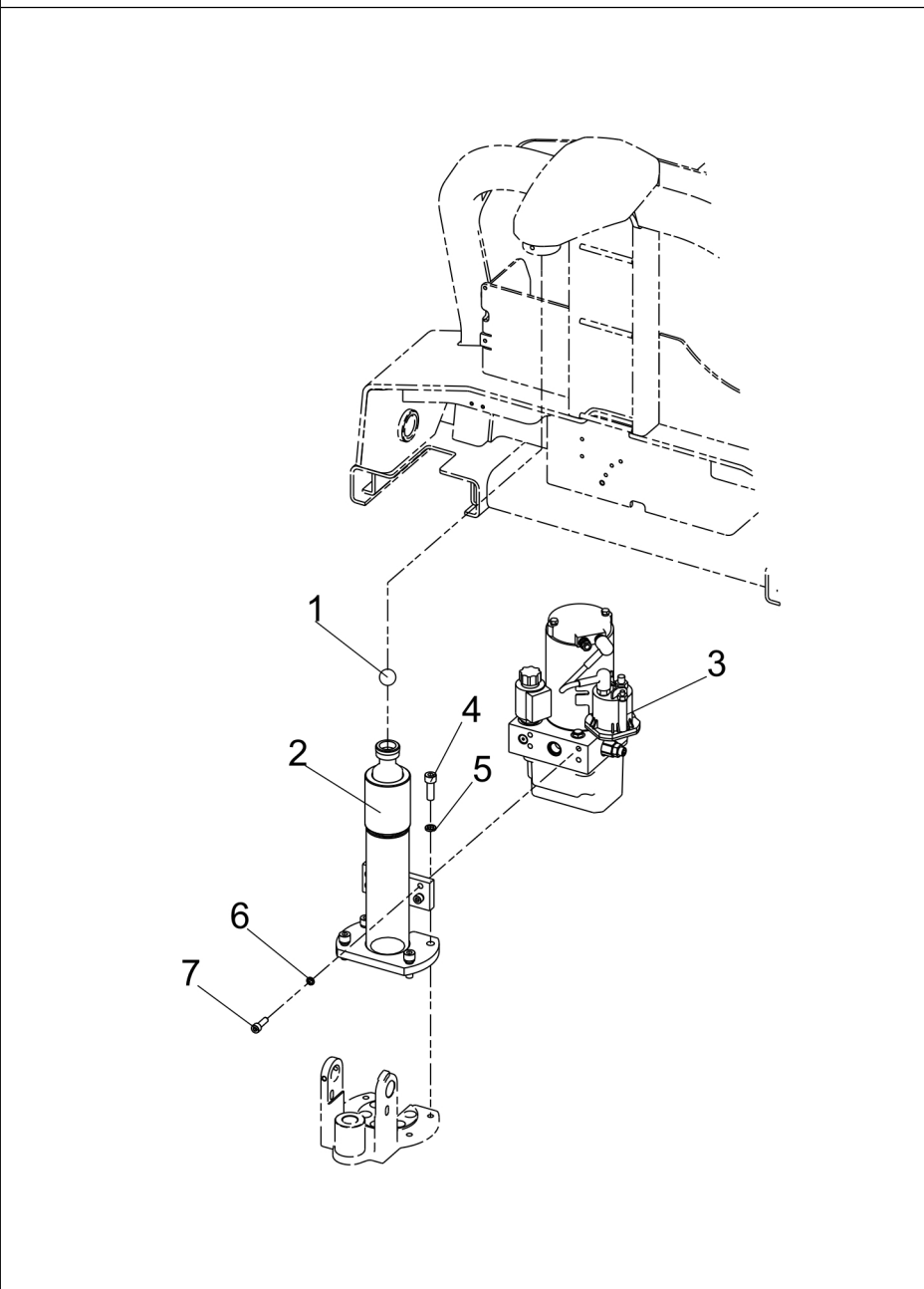
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3.2 Control Pod Assembly
手柄头总成

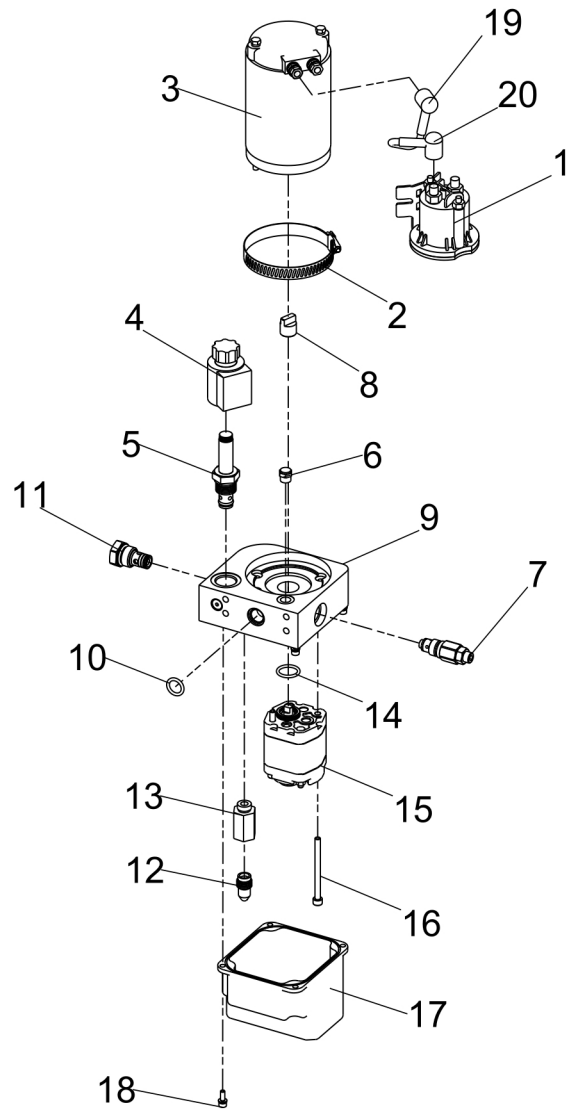


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	71501000017	Control Pod Assembly 手柄头总成	1		02. SB. 3199
1	71511000104	Horn Button 喇叭按钮	1		02. SB. PJ. 0004
2	71511000105	Rising Button 上升按钮	1		02. SB. PJ. 0005
3	71511000106	Decline Button 下降按钮	1		02. SB. PJ. 0009
4	71511000118	Spring 7×16 弹簧	10		02. SB. PJ. 0010
5	71511000101	Upper Cover 上盖	1		02. SB. PJ. 0002
6	70103000008	Micro Switch 微动开关	3		02. SB. PJ. 00027
7	30231030002	Screw ST2. 9×9. 5 螺钉	4		02. SB. PJ. 0012
8	71511000107	Micro Switch Card 微动开关卡板	3		02. SB. PJ. 0006
9	30231020001	Screw ST2. 2×13 螺钉	2		02. SB. PJ. 0011
10	70103000007	Reversing Switch 反方向开关	1		
11	71511000117	Lower Cover 下盖	1		
12	71511000103	Belly Switch 肚皮开关	1		02. SB. PJ. 0003
13	71511000108	Mode Button 模式开关	1		02. SB. PJ. 0015
14	70103000006	Micro Switch 微动开关	1		
15	71511000109	Mode Button Card 模式开关卡板	1		02. SB. PJ. 0016
16	70601000018	Meter 电量表	1		
17	70105000009	Key Switch Assembly 钥匙开关总成	1		
18	71511000110	Key Box 钥匙盒	1		02. SB. PJ. 0017
19	30231030004	Screw ST2. 9×13 螺钉	4		02. SB. PJ. 0021
20	30201050022	Screw M5×40 螺钉	2		
21	70132000104	Accelerator Assembly 加速器总成	1		02. SB. PJ. 0022
22	71511000115	Accelerator Knob 加速器旋钮	2		02. SB. PJ. 0027
23	71511000113	Shaft Jacket 轴外套	2		02. SB. PJ. 0025
24	71511000111	Shaft Sleeve 轴内套	2		02. SB. PJ. 0024
25	30431080001	Spring Washer 波形弹性垫圈	2		03. 0735
26	70132000004	Accelerator 加速器	1		02. SB. PJ. 0023
27	30211030008	Screw M3×12 螺钉	2		03. 05364

4.1	Hydraulic System 液压系统
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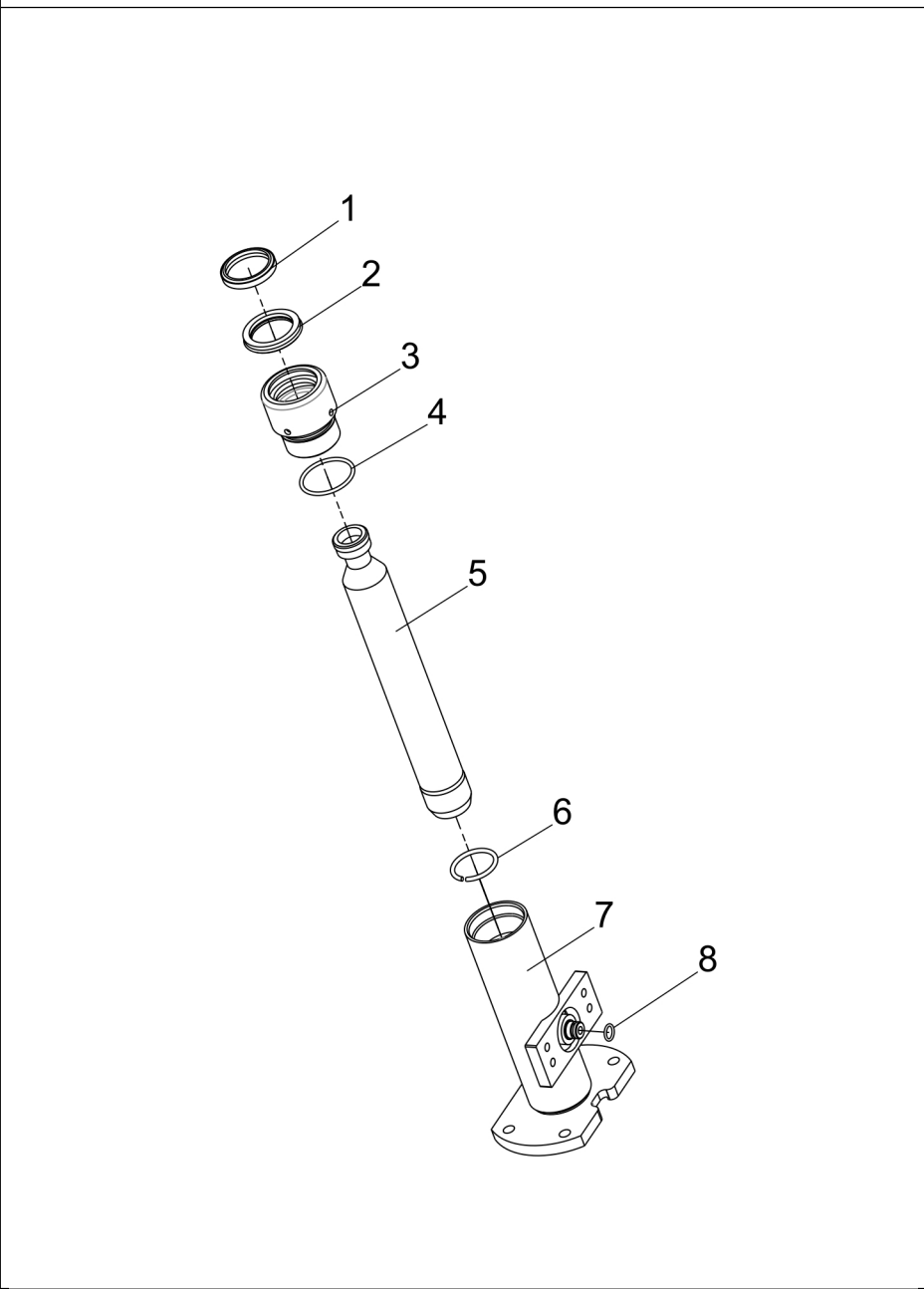
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4.2 Power Unit Assembly
动力单元组件

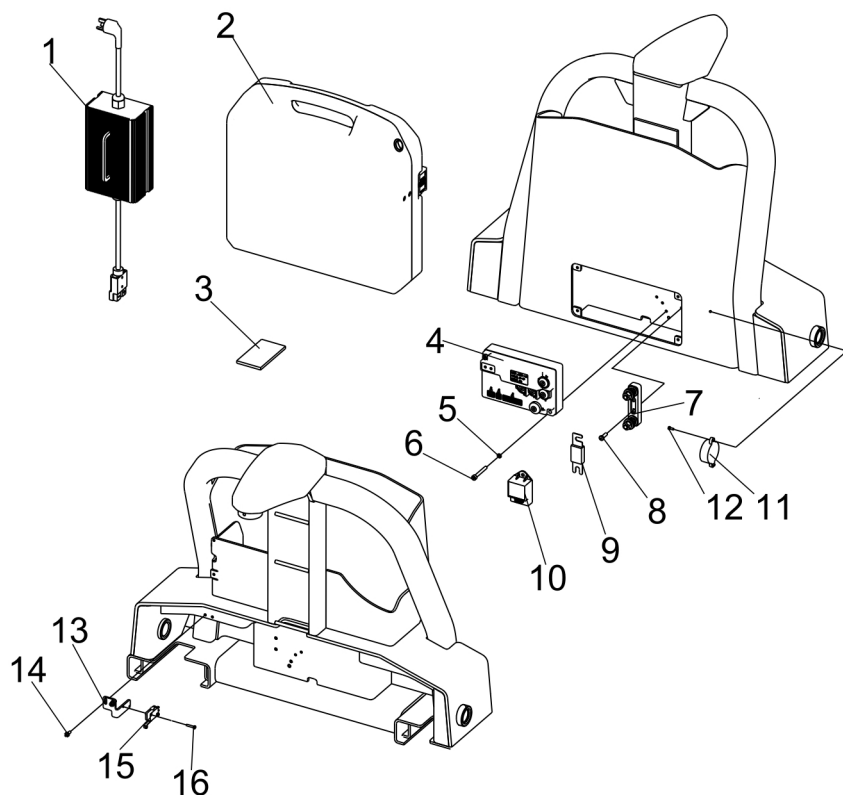


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	40401048005	Power Unit Assembly 动力单元组件	1		02.DLDY. 3476
1	70303000018	Contactator 接触器	1		02. 01. 9343
2	54012000012	Clamp 抱箍	1		03. 1045
3	70402000026	Motor 提升电机	1		02. DJ. 33627
4	71531000034	Electromagnet 电磁阀线圈	1		02. 01. 9368
5	71531000003	Valve Element 电磁阀	1		02. 01. 9150
6	40410000008	Silencer 消声器	1		19. 1385
7	40405000042	Relief Valve 溢流阀	1		02. 01. 90291
8	40411000029	Coupling 联轴器	1		02. 01. 9332
9	40407000010	Adapter 中心块	1		02. 01. 9353
10	30801013002	O-ring O型圈	1		03. 05162
11	40405000038	Check Valve 单向阀	1		02. 01. 9028
12	40405000006	Pressure Valve 压力补偿阀	1		02. 01. 9385
13	40411000071	Connector 压补阀接头	1		02. 01. 9352
14	30801017001	O-ring O型圈	1		02. 01. 9157
15	40402000042	Gear Pumps 齿轮泵	1		02. YYL. 3989
16	30201050020	Screw M5×65 螺钉	2		03. 0967
17	40409000017	Tank 油箱	1		02. 01. 9339
18	30201040006	Screw M4×12 螺钉	4		
19	54312000001	Cover 烟斗护套	2		02. 01. 2231
20	20101030752	Cable 接触器连接线	1		

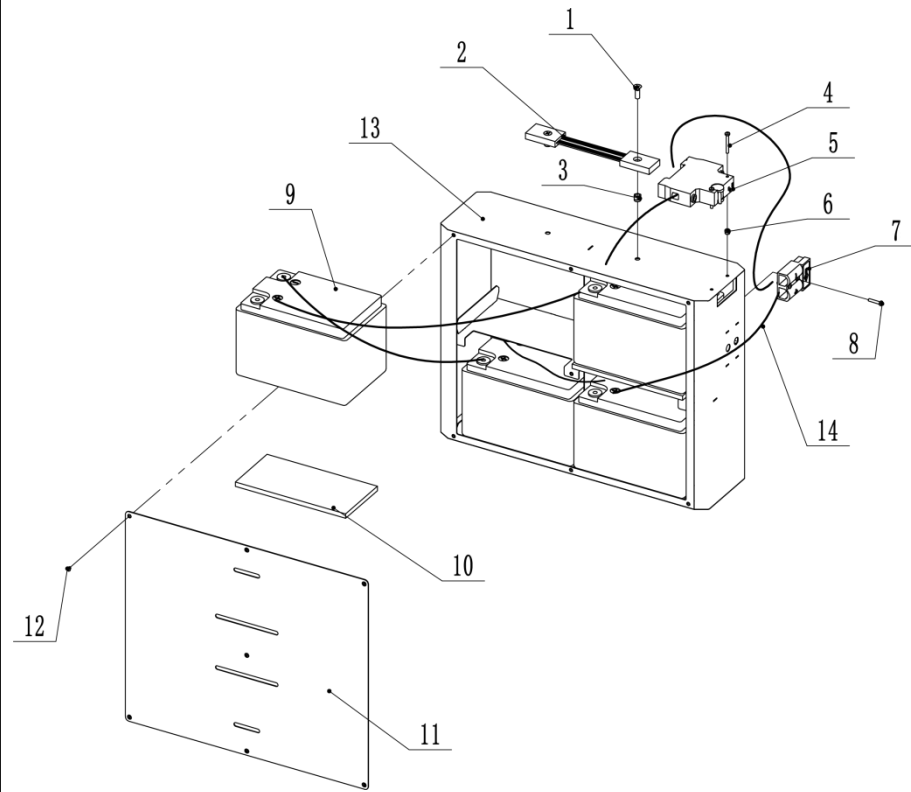
4.3	Lifting Cylinder 起升油缸
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[illegible]

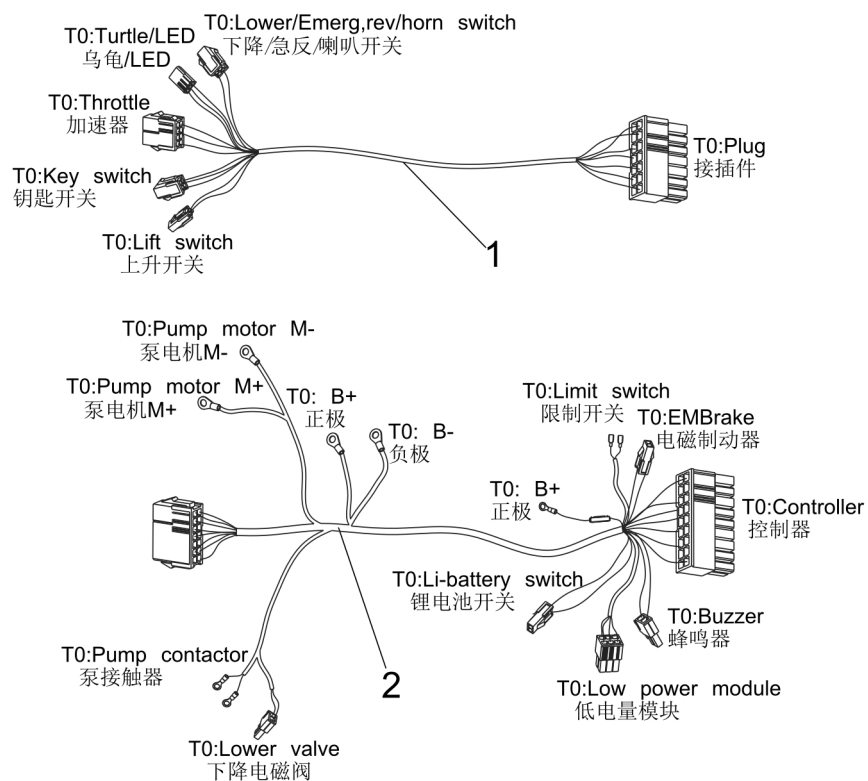
5.1	Electrical System 电气系统
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[illegible]

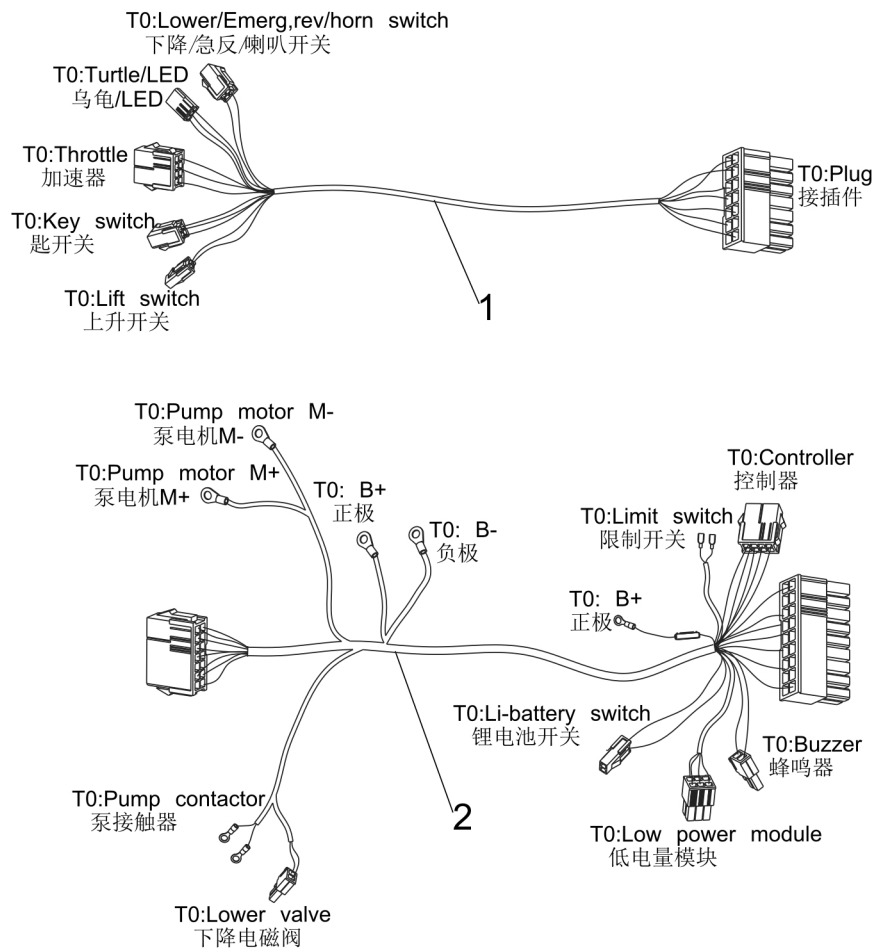
5.2 Battery Assembly

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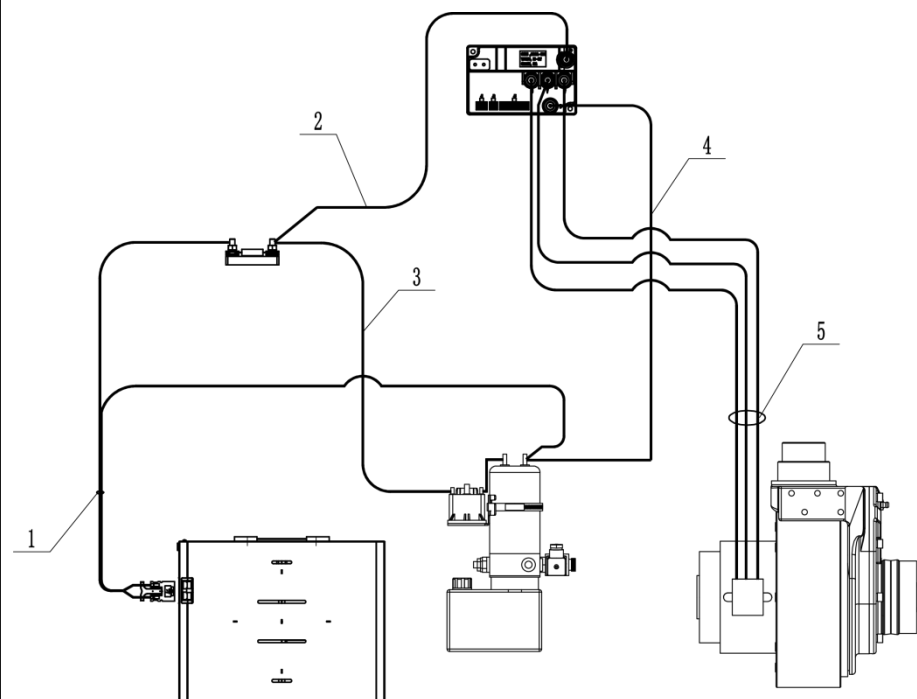
5.3 Wiring Harness Assembly(CURTIS) 线束总成(科蒂斯)

[illegible]

5.4 Wiring Harness Assembly(QEXPAND) 线束总成(前拓)

[illegible]

5.5	Cable Assembly 电缆总成
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[illegible]

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The power of interpretation of this part catalogue will be preserved by the manufacturer eventually!