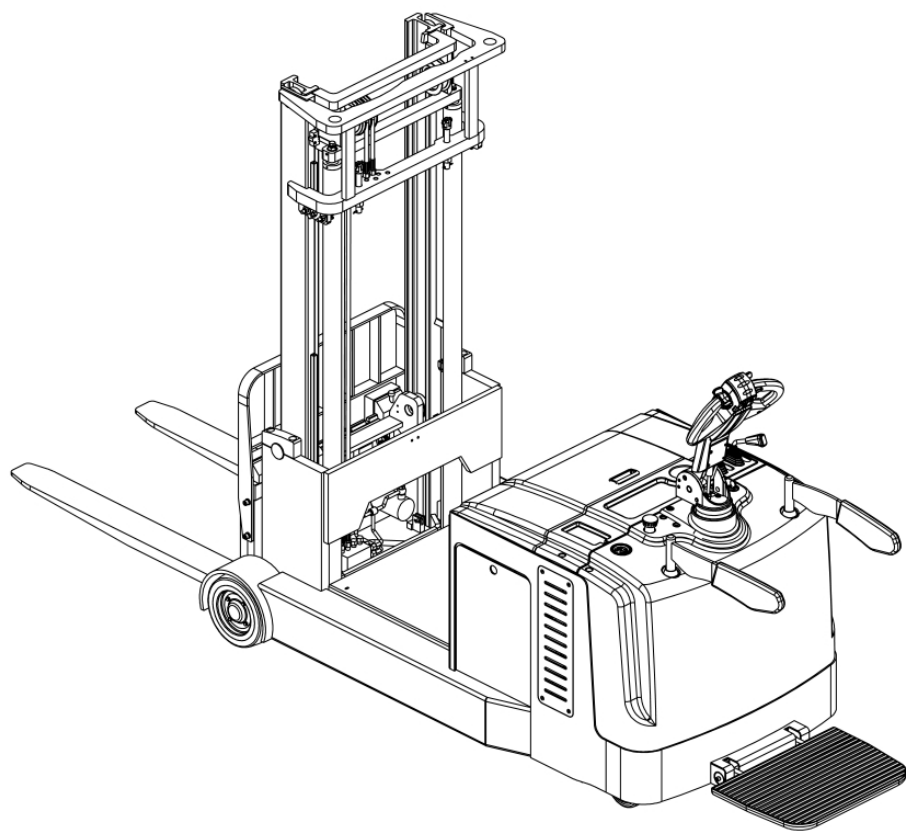




CPD20J-R
Counterbalance lift truck
平衡重式叉车
Parts list 零件目录

20230327 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 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.

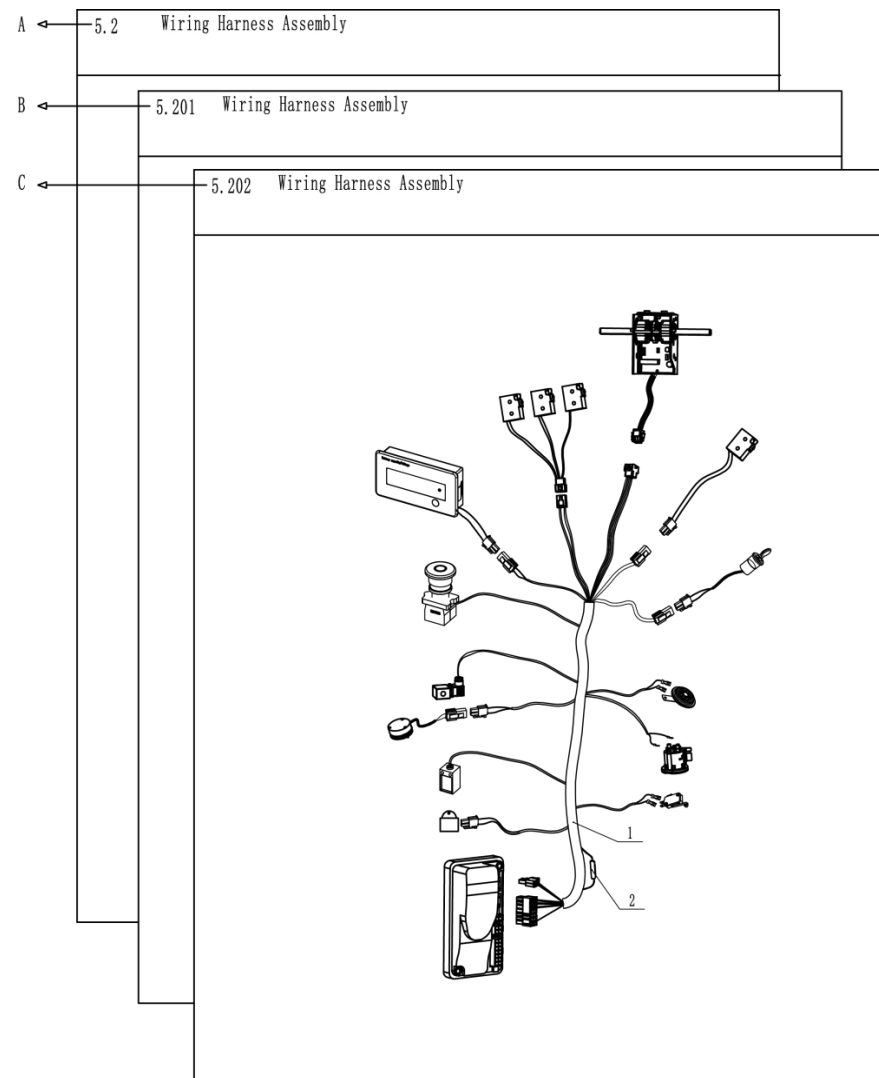
210125- : Beginning on January 25, 2021.

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

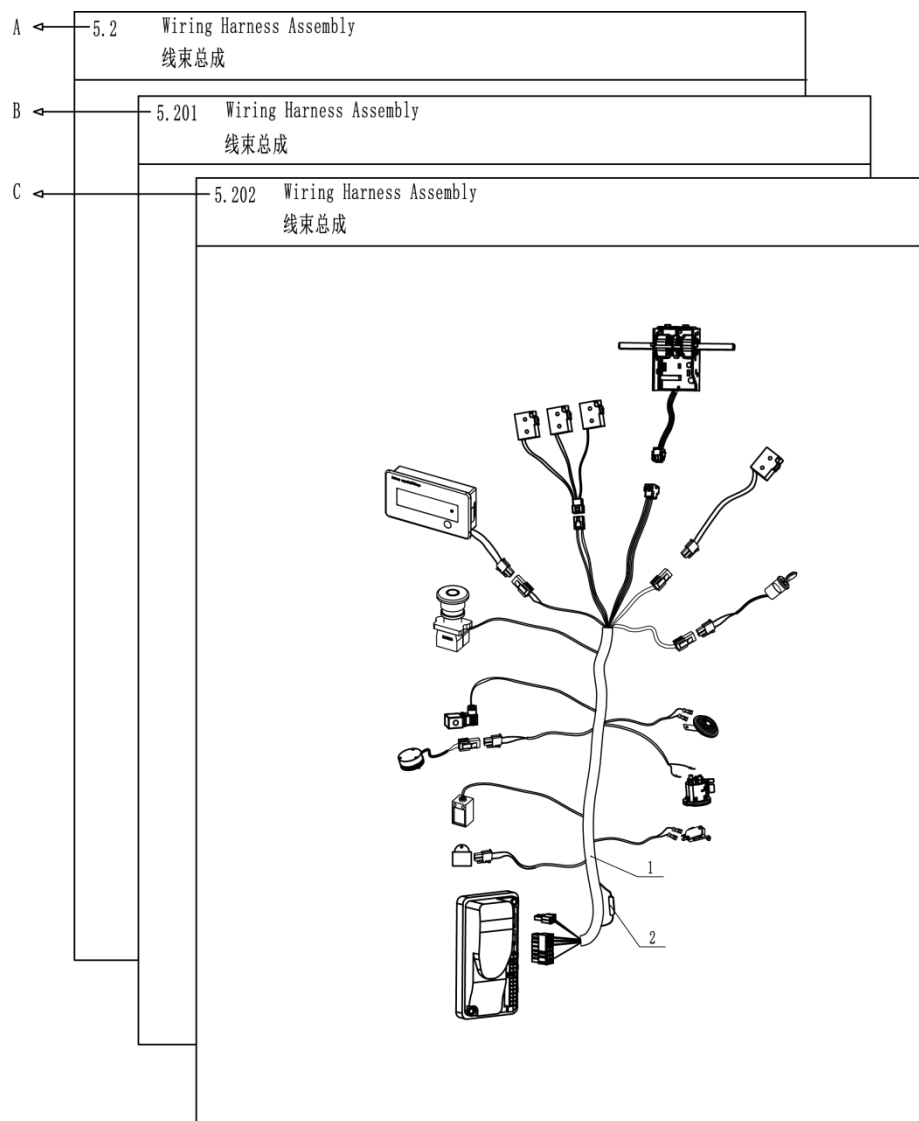
210125- : 起始于 2021 年 01 月 25 日

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。

Content 目录

1 Body System 车身系统

1.1 Body System 车身系统.....	错误！未定义书签。
1.2 Drive Wheel Assembly 驱动轮总成.....	错误！未定义书签。
1.3 Tumbler Assembly 转向轮组件.....	错误！未定义书签。
1.4 Handrails Assembly 护臂总成.....	错误！未定义书签。
1.5 Pedal Assembly 踏板总成.....	错误！未定义书签。
1.6 Housing Assembly 外罩总成.....	错误！未定义书签。

2 Operating System 操纵系统

2.1 Operating System 操纵系统.....	错误！未定义书签。
2.2 Control Pod Assembly (For Coded Lock) 手柄头总成（带密码锁）	11
2.3 Control Valve Assembly (two spool) 多路阀组件（二联）	错误！未定义书签。

3 Mast Lifting System 起升系统

3.1 Double Mast Lifting System 两级门架起升系统.....	15
3.2 Triple Mast Lifting System 三级门架起升系统.....	17
3.3 Two Stage Door Rack Cargo Fork Rack 两级门架货叉架.....	20
3.4 Three Level Door Rack Cargo Fork Rack 三级门架货叉架.....	21
3.5 Chain System (Double Mast) 链条系统（二级门架）	22

4 Hydraulic System 液压系统

4.1 Hydraulic System (Double Mast) 液压系统（二级门架） 24

4.2 Hydraulic System (Triple Mast) 液压系统（三级门架） 26

5 Electrical System 电气系统

5.1 Electrical System (Double Mast) 电气系统（二级门架） 29

5.2 Electrical System (Triple Mast) 电气系统（三级门架） 31

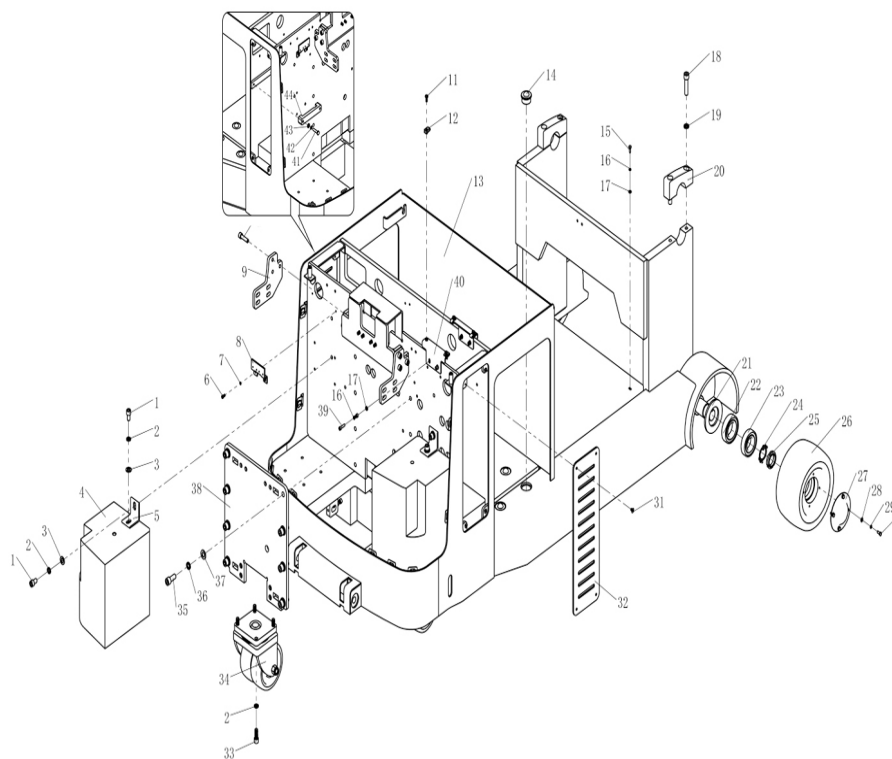
5.3 Cable Assembly 电缆总成..... 34

5.4 Wiring Harness Assembly 线束总成..... 33

1.1

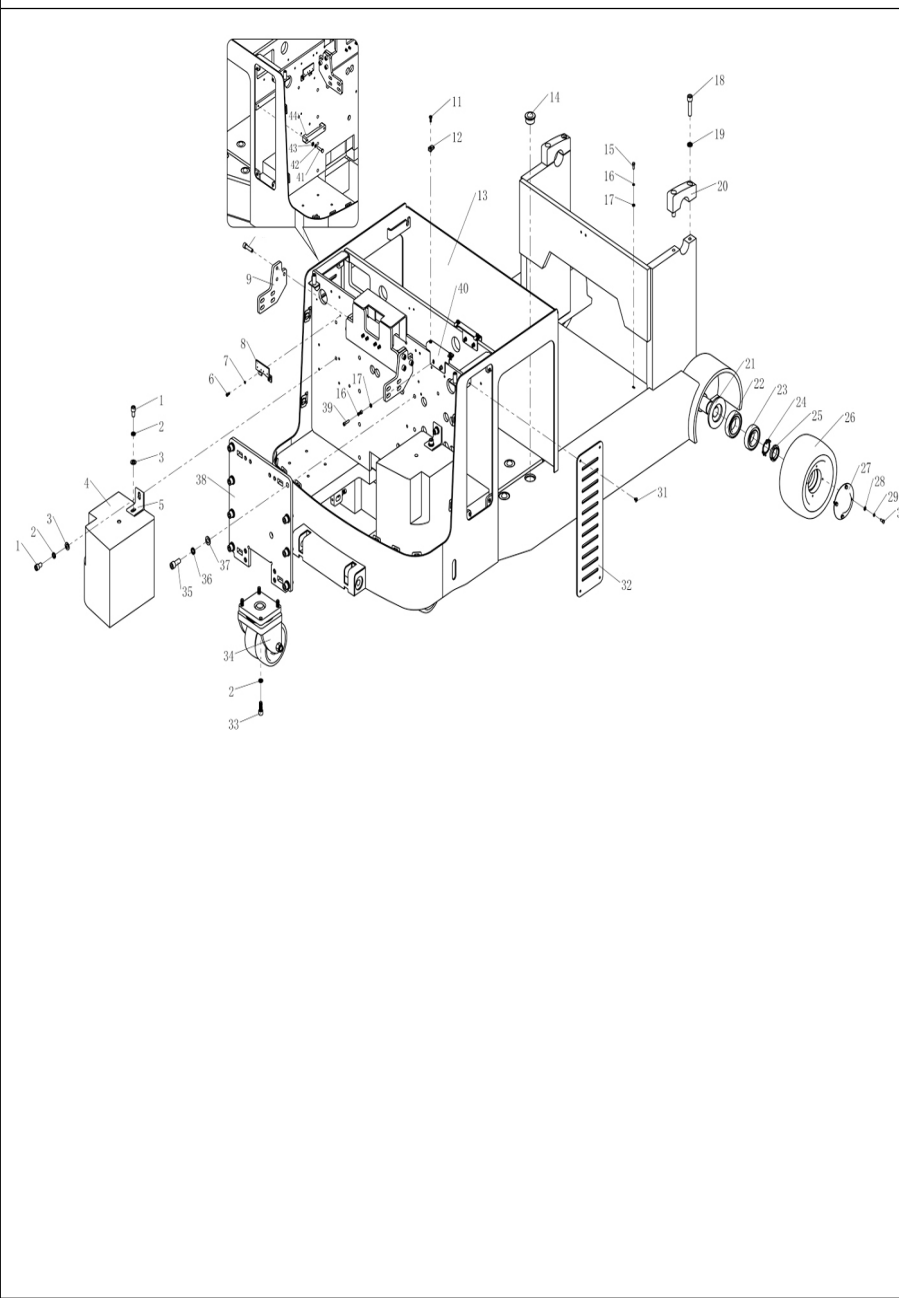
Body System

车身系统

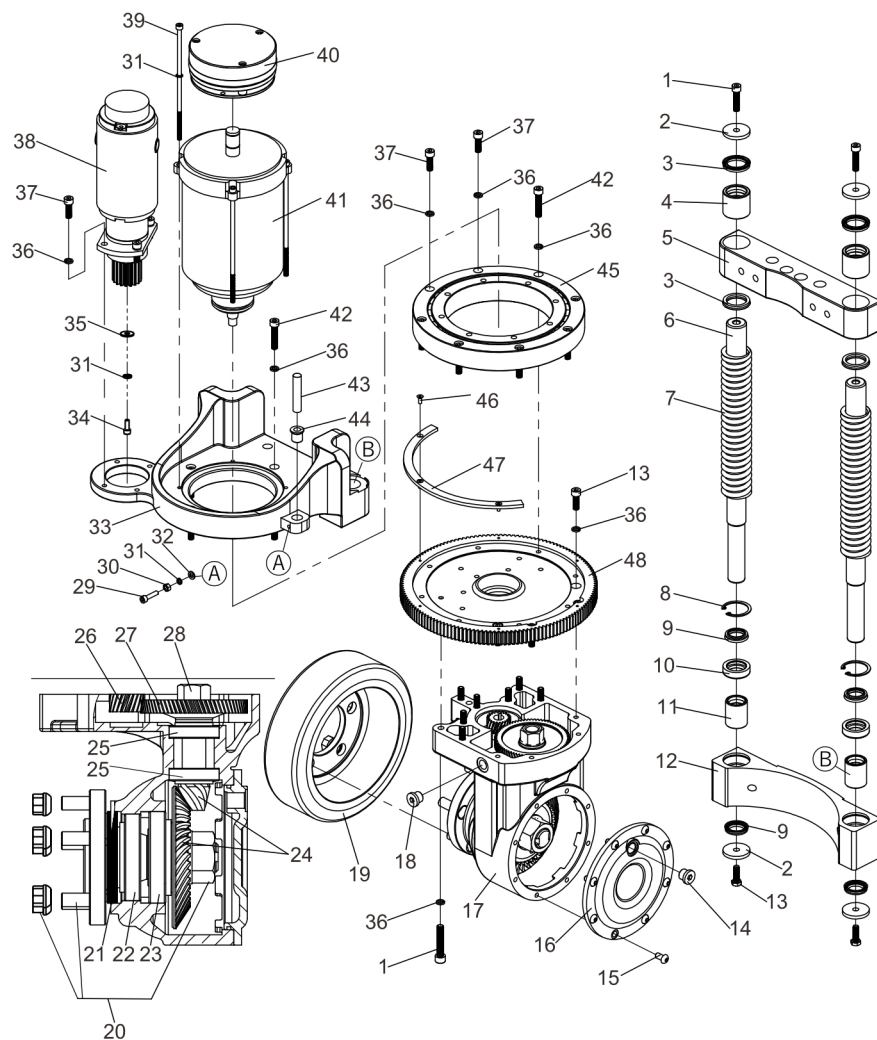


Item	Part No	Description	Qty	Applied Date	Remark
序号	代码	名称	数量	适用日期	备注
1	30201120019	Screw M12×20 螺钉	4		03.0546
2	30411120003	Spring Washer Φ12 弹垫	12		03.0015
3	30401120001	Flat Washer Φ12 平垫	4		03.00514
4	20203000234	Clump Weight 配重块	1		30.01.0703
5	20204000369	Fixed Angle Iron 固定角铁	2		30.01.08803
6	30201050009	Screw M5×12 螺钉	2		03.0131
7	30411050001	Spring Washer Φ5 弹垫	2		03.00132
8	20201001090	Line Connector Seat 线接头座	1		16.0099
9	20203000566	Mounting Plate 安装板	2		30.04.189
10	30201100025	Screw M10×40 螺钉	6		03.0168
11	30211060008	Screw M6×16 螺钉	4		03.0228
12	30351060005	Clip Nut 卡扣螺母	4		03.0587
13	20102011796	Chassis 车架	1		
14	30711025002	Vullball Bearing 万向球轴承	12		03.90.063
15	30101060012	Bolt M6×16 螺栓	4		03.04110
16	30411060002	Spring Washer Φ6 弹垫	6		03.0011
17	30401060001	Flat Washer Φ6 平垫	6		03.00512
18	30201140001	Screw M14×55 螺钉	4		03.0708
19	30411140002	Spring Washer Φ14 弹垫	4		03.0016
20	20203000848	Bearing Bush 轴瓦	2		30.52.0003
21	54331000025	Seal Ring 密封圈	2		02.01.3007
22	30701045002	Bearing 轴承	2		03.90.039
23	30701040003	Bearing 轴承	2		03.90.030
24	30431350001	Tab Washer Φ35×1.5 止动垫圈	2		03.0525
25	30331350002	Nut M35×1.5 螺母	2		03.0291
26	51241000008	Wheel 轮子	2		02.LZ.0056
27	20204000515	End Cap 前轮端盖	2		30.01.1753
28	30401060001	Flat Washer Φ6 平垫	8		03.00512

1.1	Body System 车身系统
-----	---------------------

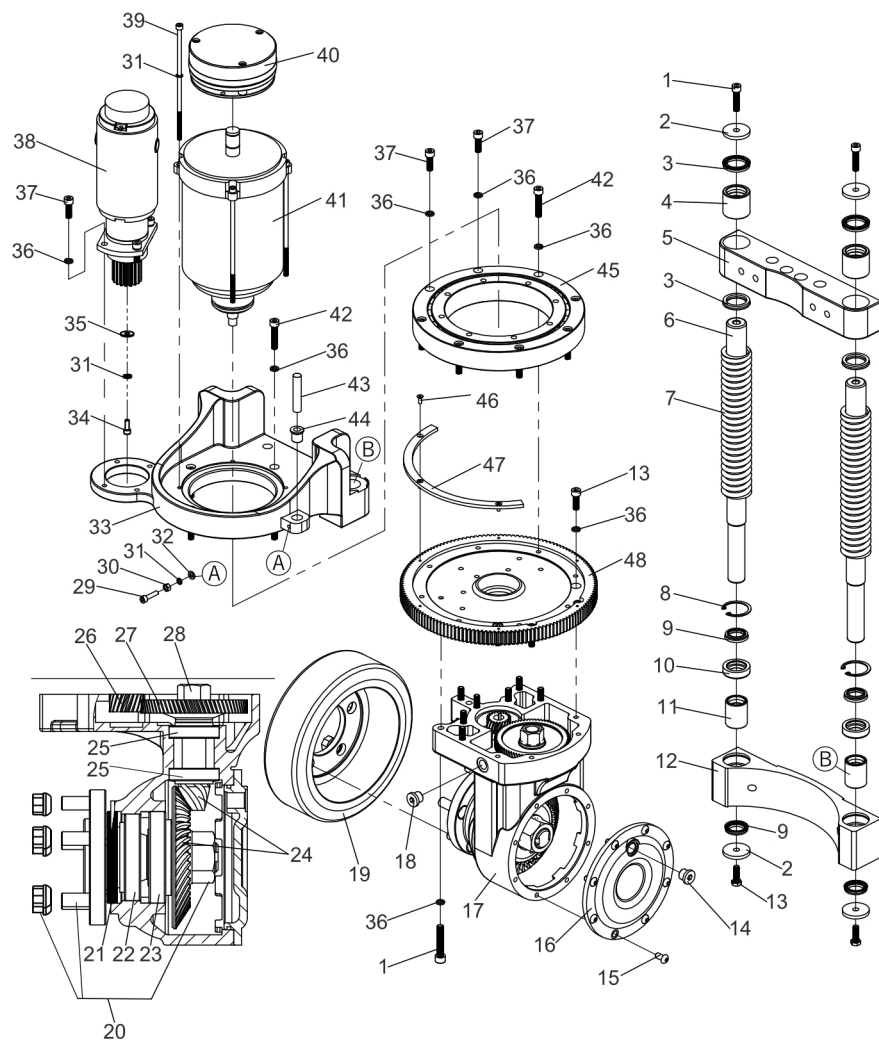
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1.2 Drive assembly
驱动总成



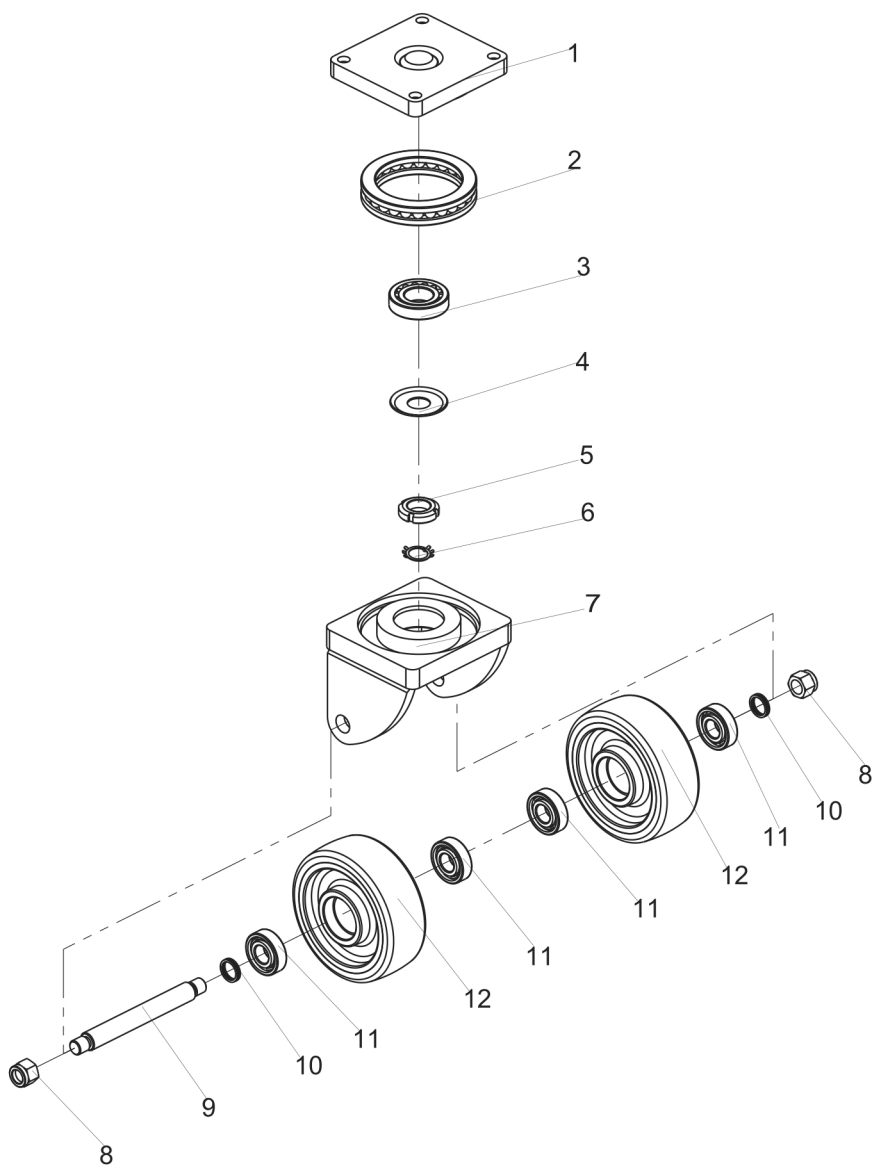
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	52101000059	Driving Assembly 驱动总成	1		02.QD.00765
1	30201080007	Screw M8×40 螺钉	10		03.0159
2	50301090002	Gasket 垫圈	4		30.11.0002
3	40321300002	Dust Ring 30×40×4/6 防尘圈	4		03.0487
4	50301320001	Guide Ring 导向环	2		03.0501
5	20201000470	Upper Bracket 上支架	1		30.01.1135
6	20201000001	Slide Bar 滑动杆	2		30.01.0189
7	50401000073	Damping Spring Φ8 减震弹簧	2		02.01.2113
8	30421400002	Check Ring 40 挡圈	2		03.0027
9	40502330001	Sealing Ring 密封圈	4		03.0488
10	20201000459	Shaft Sleeve 轴套	2		30.01.1129
11	50301270001	Guide Ring 导向环	2		03.0502
12	20201000466	Lower Bracket 下支架	1		30.01.1133
13	30201080005	Bolt M8×25 螺栓	6		03.0156
14	50204140003	Oil Plug 油塞	1		02.01.9089
15	30251080012	Screw M8×16 螺钉	8		03.0117
16	52105000019	Shell Cover 壳体盖	1		02.01.9079
17	52105000050	Box 箱体	1		
18	50204160003	Oil Plug 油塞	1		02.01.9088
19	51241000021	Driving Wheel Φ248×75 驱动大轮	1		02.LZ.0121
20	52105000023	Output shaft assembly 输出轴总成	1		02.01.9083
21	30802065002	Oil Seal Φ95×65×10 油封	1		02.01.9086
22	30702050003	Bearing 32010 轴承	1		03.90.059
23	30702060001	Bearing 32012 轴承	1		03.90.060
24	52105000020	Arc Gears 立式驱动弧齿	1		02.01.9080
25	30702025001	Bearing 30205 轴承	2		03.90.035
26	52202200001	Small helical gear 小斜齿轮	1		02.01.9082
27	52105000043	Big helical gear 大斜齿	1		02.01.9081

1.2 Drive assembly
驱动总成

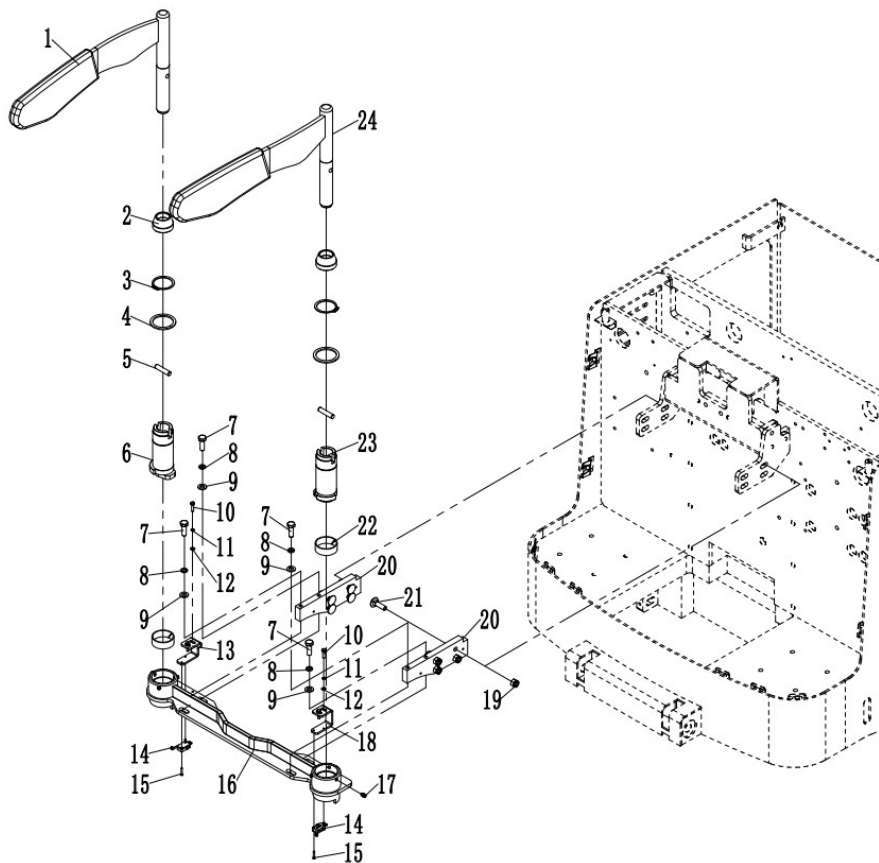


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
28	50205200001	Nut M20×1.5 螺母	1		02.01.9090
29	30201060022	Screw M6×25 螺钉	1		03.0150
30	30301060001	Nut M6 螺母	1		03.0257
31	30411060002	Spring washer Φ6 弹垫	5		03.0011
32	30401060001	Flat washer Φ6 平垫	1		03.0049
33	20201000978	The base for driving 驱动底座	1		
34	30201060020	Screw M6×16 螺钉	1		03.0147
35	30401060006	Flat washer Φ6 大垫圈	1		03.0644
36	30411080002	Spring washer Φ8 弹垫	28		03.0012
37	30201080006	Screw M8×30 螺钉	6		03.0157
38	70402000001	Steering motor 200W 转向电机	1		02.DJ.2102
39	30201060010	Screw M6×150 螺钉	4		03.0178
40	55704000007	Electromagnetic brake 电磁刹车	1		02.01.0053
41	70401000008	Driving Motor 2.5KW 驱动电机	1		02.DJ.0090
42	30201080032	Screw M8×35 螺钉	10		03.0158
43	70109000000	Proximity switch 接近开关	1		19.034653
44	20201000511	The installation cover 安装套	1		30.01.1565
45	30711160001	Large bearing 电转向大轴承	1		02.01.0071
46	30211040019	Screw M4×10 螺钉	3		03.04170
47	20201000508	Stripe induction strip 条状感应条	1		
48	52105000024	Big gear plate 大齿轮盘	1		02.01.9084

1.3 Balance Wheel Assembly

[illegible]

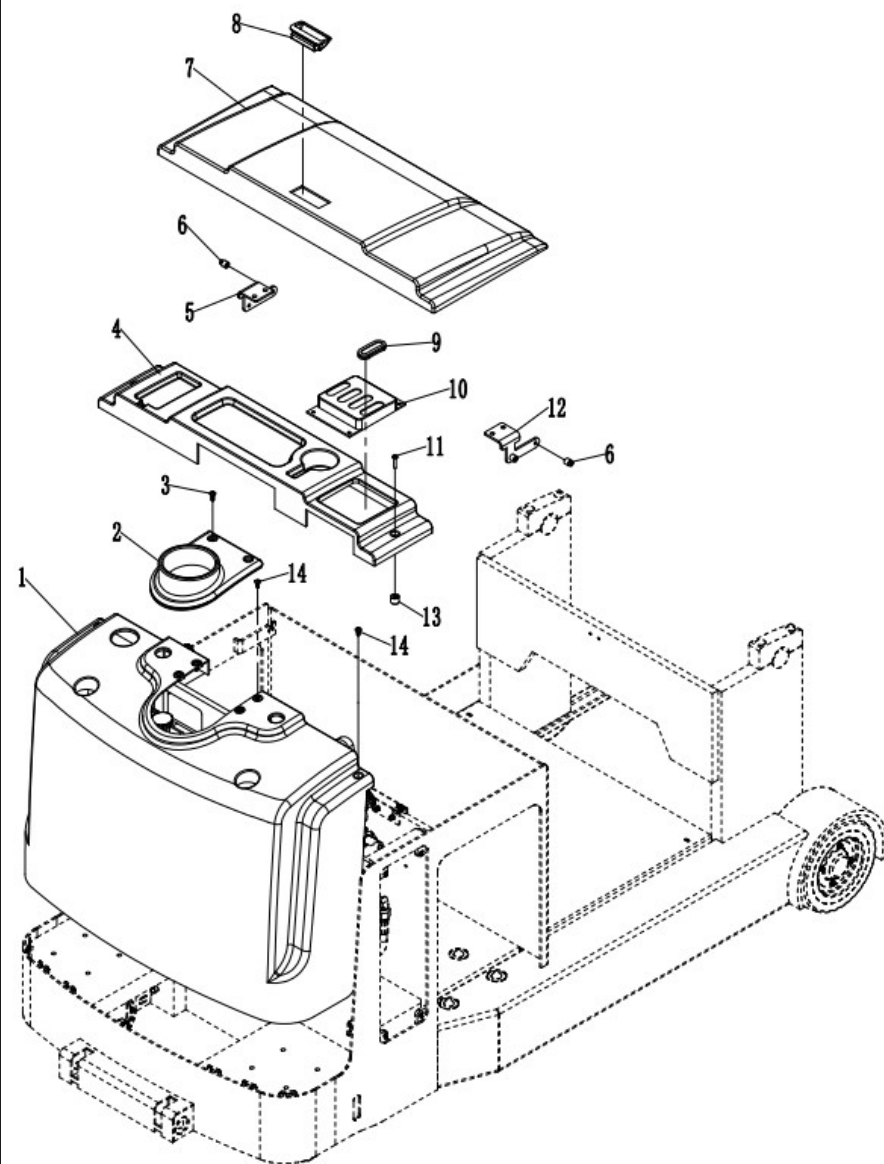
1.4 Guard arm assembly 护臂总成



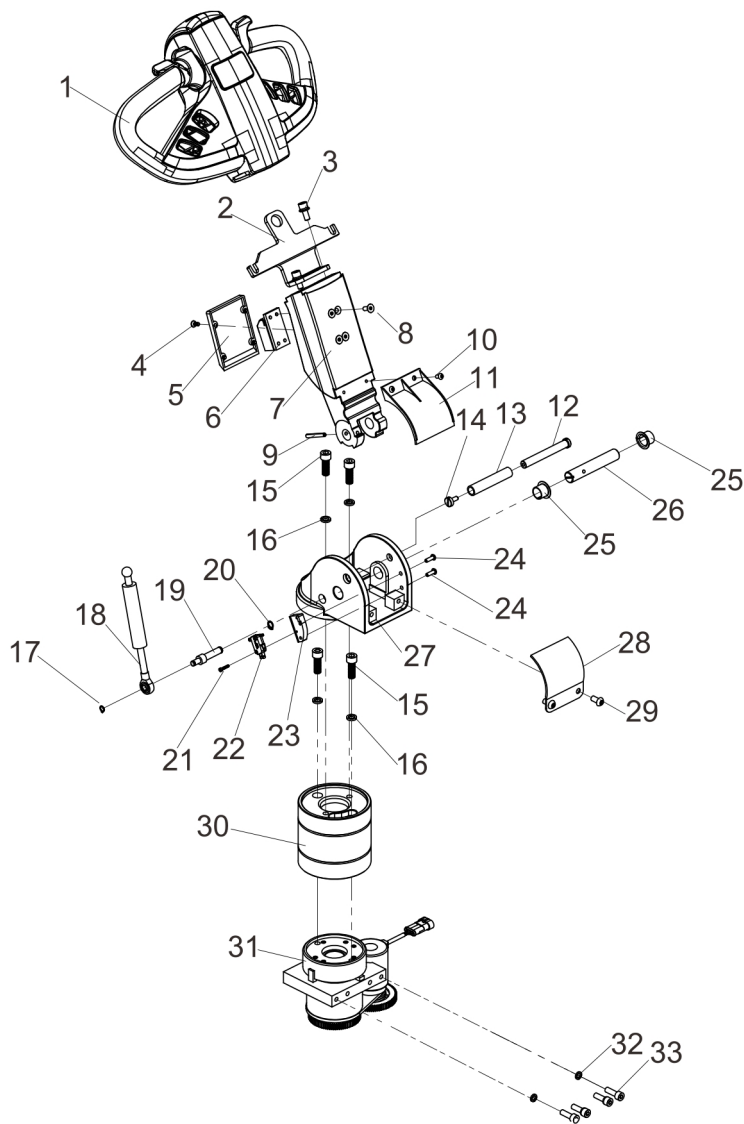
Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	55202000004	Handrails 护臂	1		30. 01. 1477
2	54307000009	Dust Ring 防尘圈	1		
3	30421480001	Spring Washer Φ48 弹垫	2		03. 0072
4	50301485001	Shim 垫片	2		30. 01. 1203
5	30501100003	Cylindrical Pin 圆柱销	1		03. 0438
6	55204000028	Turn 转轴套	1		
7	30101100002	Bolt M10×30 螺栓	4		30. 35. 0297
8	30411100002	Spring Washer Φ10 弹垫	4		03. 0014
9	30401100002	Flat Washer Φ10 平垫	4		03. 00513
10	30101050012	Bolt M5×20 螺栓	4		03. 0578
11	30411050001	Spring Washer Φ5 弹垫	4		03. 00132
12	30401050001	Flat Washer Φ5 平垫	4		03. 00511
13	55204000032	Switch Board Left 开关板左	1		
14	70103000005	Sensitive Switch 微动开关	2		02. 01. 2178
15	30211030003	Screw M3×18 螺钉	4		03. 0536
16	55203000008	Handrails Seat 护臂座	1		
17	30221080003	Screw M8×12 螺钉	6		
18	55204000033	Switch Board Right 开关板右	1		
19	30311100001	Nut M10 螺母	8		03. 0243
20	55204000012	Mounting Plate 连接板	2		30. 01. 1147
21	30111100001	Bolt M10×35 螺栓	8		03. 0205
22	40311510001	Bushing 衬套	2		03. 0503
23	55204000022	Turn 转轴套	1		30. 01. 2550
24	55202000005	Handrails 护臂	1		30. 01. 1478

1.5 Pedal assembly 踏板组件								
		Item	Part No.	Description	Qty	Applied Date	Remark	
		序号	代码	名称	数量	适用日期	备注	
		A		55601000010	Pedal assembly 踏板组件	1		82.35.0016
		1		50101200051	pivot 转轴	1		30.10.0002
		2		54001000010	Shaft Sleeve 带肩复合套	2		03.0454
		3		50301205002	gasket 垫圈	2		30.01.1174
		4		50301090002	gasket 垫圈	2		30.11.0002
		5		30411080002	Spring washer 8 弹垫 8	2		03.0012
		6		30201080004	Screw M8x20 螺钉 M8x20	2		03.01550
		7		20203000435	Connecting screw 连接螺钉	1		30.04.046
		8		30301160001	Nut M16x1.5 螺母 M16x1.5	2		03.0281
		9		50407000043	Gas spring 气弹簧	1		02.QTH.3640
		10		30421080001	Cir clip For Shaft Φ8 轴用弹性挡圈	2		03.0057
		11		20201000776	Connecting screw 连接螺钉	1		30.01.1948
		12		20101010108	Pedal welded parts 踏板焊合件	1		33.025.0003
		13		30401080001	Flat washer 8 平垫 8	1		03.0050
		14		30301080001	Nut M8 螺母 M8	1		03.0258
		15		30201080007	Screw M8x40 螺钉 M8x40	1		03.01590
		16		30311120001	Nut M12 螺母 M12	2		03.0820
		17		50401000047	Damping spring 减震弹簧	2		02.01.211300
		18		50401000048	Damping spring 减震弹簧	2		02.01.211301
19		50301125003	Spring gasket 弹簧垫片	2				
20		30101120037	Bolt M12x80 螺栓 M12x80	2		03.0389		

1.6	Cover Assembly 面罩总成
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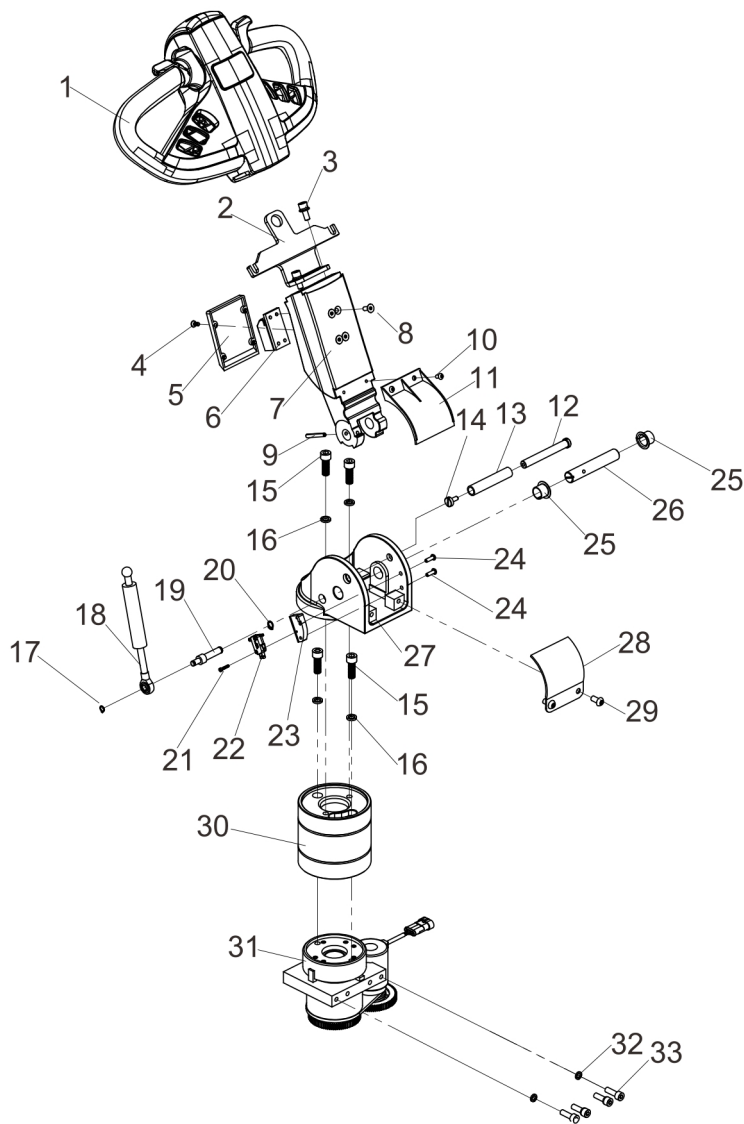
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2.1 Handle Assembly
手柄总成

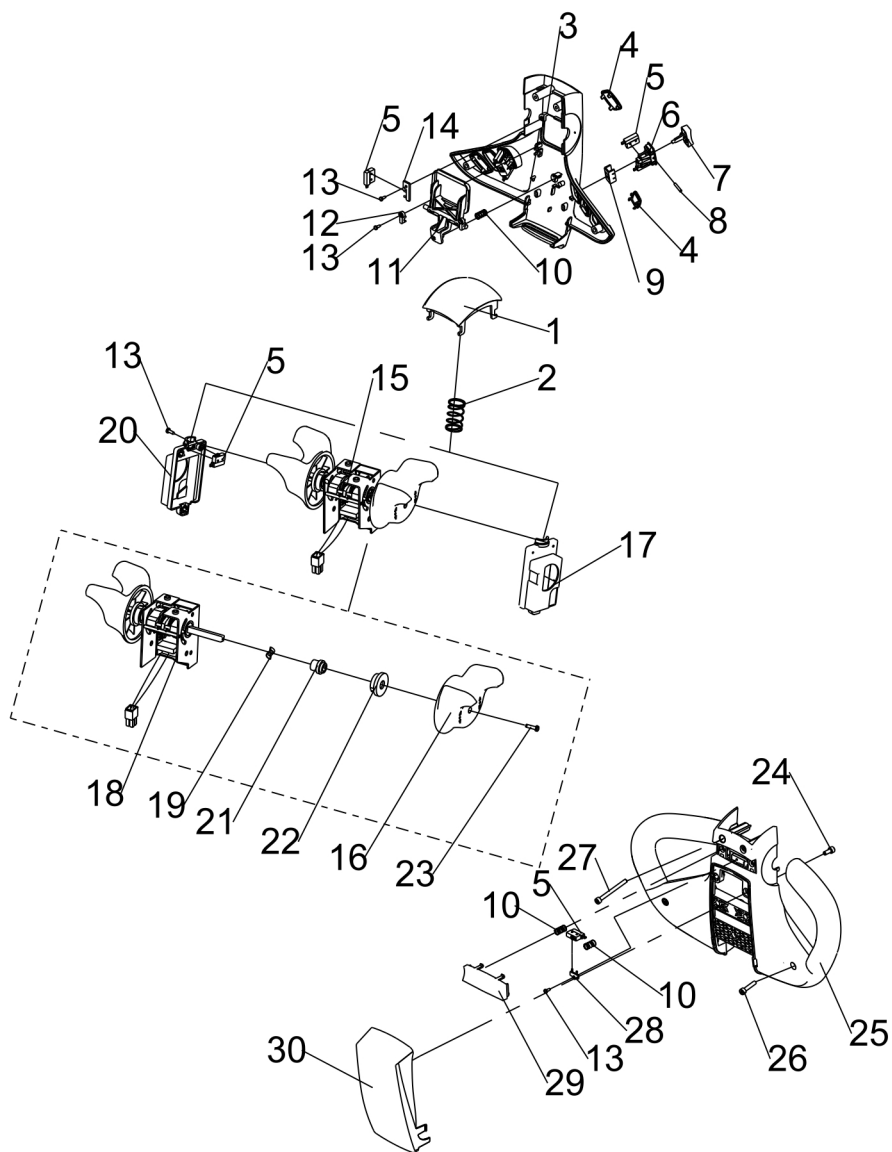


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	20301020646	Handle Assembly 手柄总成	1		
1	71501000001	Control Pod Assembly 手柄头总成	1		02. SB. 317515
2	55222000026	Mounting Seat 手柄安装座	1		30. 01. 2014
3	30201080022	Screw M8×20 螺钉	2		03. 0817
4	30251050015	Screw M5×12 螺钉	4		03. 0083
5	20201000950	Cover 手柄盖	1		77700000278
6	20101010027	Connector 连接头	1		33. 011. 0001
7	55222000014	Control Handle 手柄杆	1		30. 01. 3308
8	30251060029	Screw M6×16 螺钉	4		03. 0089
9	30501050003	Round Pin Φ5×45 弹性圆柱销	1		03. 0303
10	30251050007	Screw M5×16 螺钉	4		03. 0109
11	54302000418	Plate 外盖板	1		02. 01. 0217
12	50106120002	Shaft 销轴	1		30. 01. 1138
13	54307000005	Silicone Tube 硅胶管	1		02. 01. 221512
14	55222000039	Screw 螺钉	1		30. 01. 1919
15	30201100024	Screw M10×30 螺钉	2		03. 0166
16	30411100002	Lock Washer Φ10 弹垫	2		03. 0014
17	30421080001	Cir clip For Shaft 轴用挡圈	2		03. 0057
18	50407000044	Air Spring 气弹簧	1		50407000007
19	55222000031	Shaft 轴	1		30. 01. 3373
20	30421100001	Cir clip For Shaft 轴用挡圈	1		03. 0058
21	30201030002	Screw M3×16 螺钉	2		03. 0128
22	70103000004	Micro Switch 微动开关	1		02. 01. 2177
23	20201000455	Plate 安装板	1		30. 01. 1080
24	54001000020	Bushing Φ20×Φ18×16 带肩复合套	2		03. 0455
25	50101180002	Shaft 销轴	1		30. 01. 3359
26	55222000028	Handle Fossa 手柄窝	1		30. 01. 3309
27	54302000063	Plate 内盖板	1		02. 01. 0216

2.1	Handle Assembly 手柄总成
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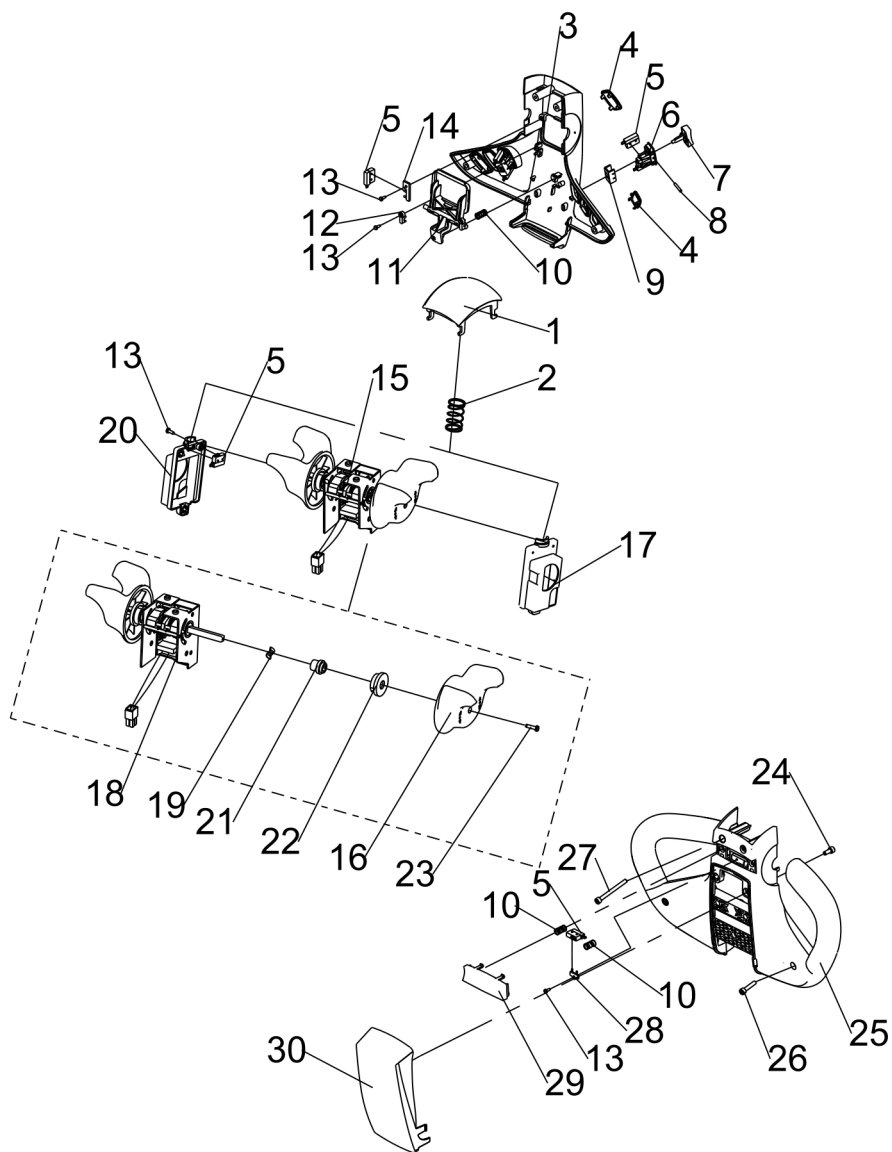
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2.2 Control Pod Assembly 手柄头总成

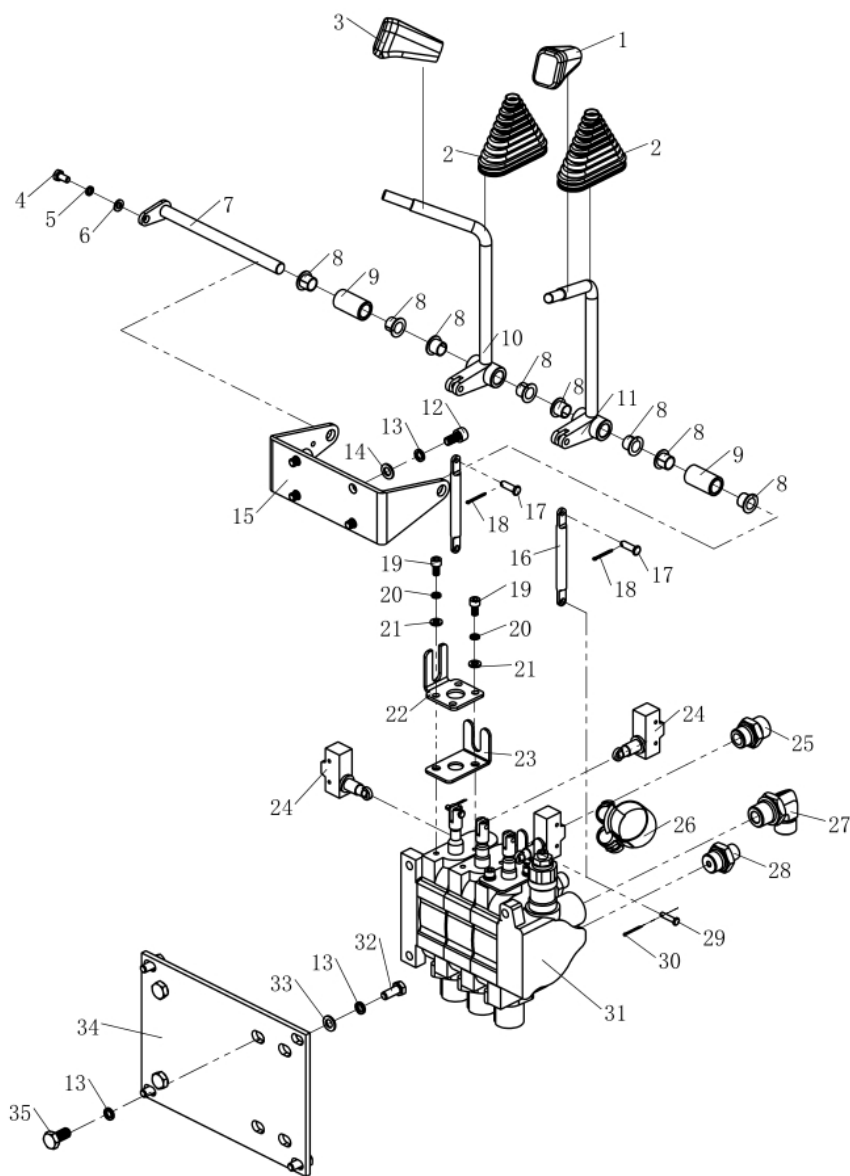


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	71501000001	Control Pod Assembly 手柄头总成	1		02.SB.317515
1	71511000015	Belly Switch 肚皮开关	1		16.0038
2	71511000016	Spring 弹簧	1		03.0725
3	71511000001	Upper Cover 上盖	1		02.01.31770
4	71511000014	Button Plug 按钮堵头	4		02.01.317725
5	70103000006	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	73109000011	Fixing Sleeve 固定套	2		30.01.3427
10	71511000018	Spring 弹簧	3		03.0726
11	71511000005	Horn Button 喇叭按钮	1		02.01.317723
12	71511000345	Button Clip 按钮卡子	2		02.01.317724
13	30231030002	Screw 螺钉	5		02.SB.PJ.0012
14	71511000107	Install The Card 安装卡	1		02.SB.PJ.0006
15	70132000105	Accelerator Assembly 加速器总成	1		02.01.2155
16	71511000115	Knob 旋钮	2		02.SB.PJ.0027
17	71511000013	Bracket Right 支架右	1		30.01.3424
18	70132000001	Accelerator 加速器	1		02.01.2151
19	30431080001	Wave Washers 波形垫圈	2		03.0735
20	71511000012	Bracket Left 支架左	1		30.01.3423
21	71511000112	Shaft Sleeve 轴外套	2		30.01.3426
22	71511000113	Shaft Jacket 轴外套	2		02.SB.PJ.0025
23	30211030008	Screw M3×12 螺钉	2		03.05364
24	30201050009	Screw M5×12 螺钉	2		03.0131
25	71511000002	Lower Cover 下盖	1		02.01.31772
26	30201050017	Screw M5×25 螺钉	2		03.01410
27	30201050019	Screw M5×55 螺钉	2		03.0751

2.2	Control Pod Assembly 手柄头总成
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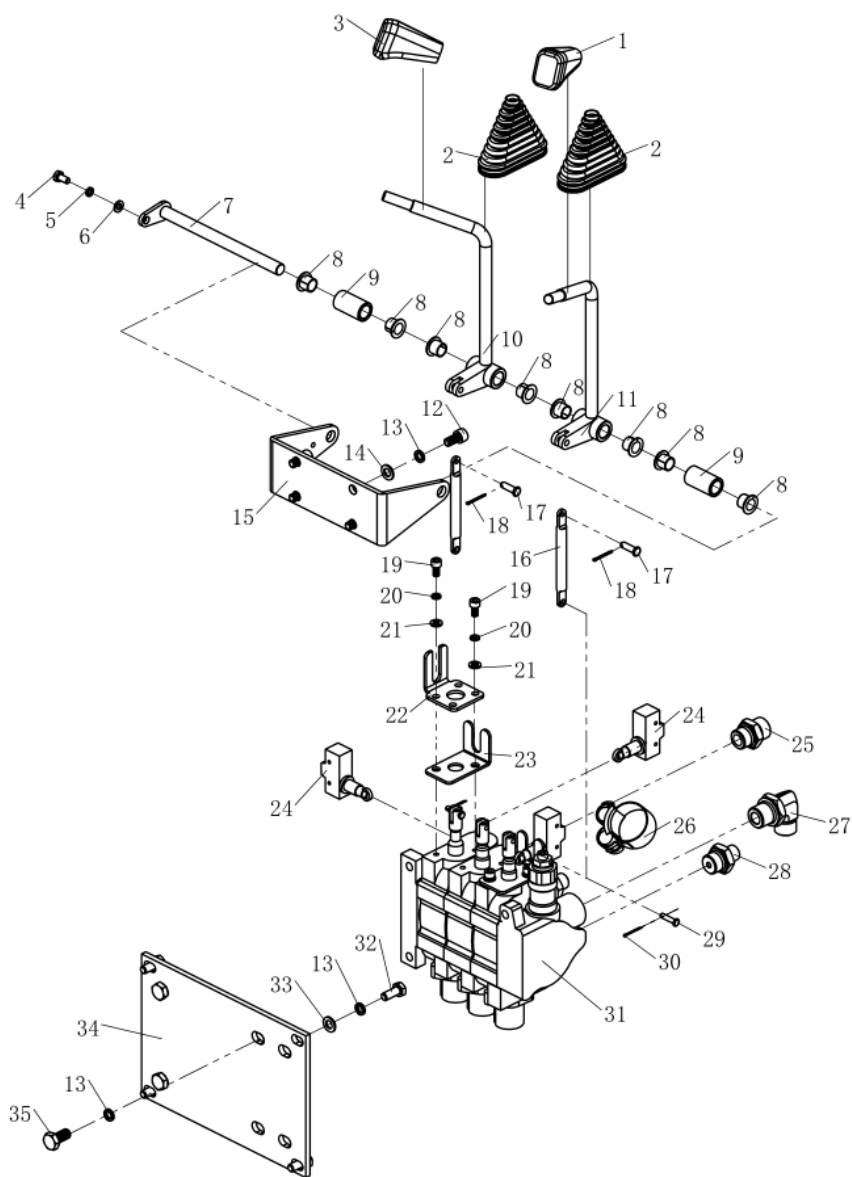
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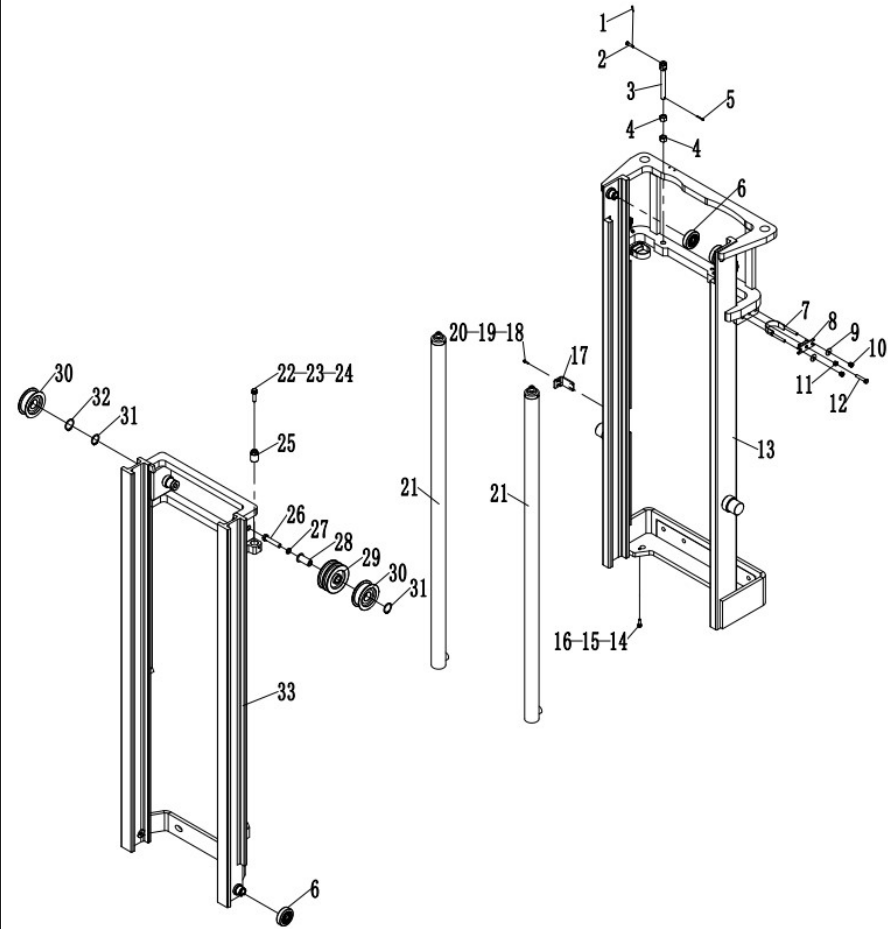
2.3 Control Valve Assembly (two spool) 多路阀组件（二联）



Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	54301000006	Lever 手柄	1		02. 01. 3364
2	54307000008	Waterproof Sheath 防水护套	2		02. 01. 2241
3	54301000002	Lever 手柄	1		02. 01. 3362
4	30101060008	Bolt M6×12 螺栓	1		03. 0918
5	30411060002	Spring Washer Φ6 弹垫	1		03. 0011
6	30401060001	Flat Washer Φ6 平垫	1		03. 00512
7	50105120002	Pin shaft 销轴	1		33. 020. 0003
8	54001000005	Shoulder Composite Sleeve 带肩复合套	8		03. 04561
9	20203000431	Competing 隔套	2		30. 04. 044
10	20103010266	Joy Stick 操纵杆	1		
11	20103010267	Joy Stick 操纵杆	1		
12	30201080003	Screw M8×16 螺钉	4		03. 01530
13	30411080002	Spring Washer Φ8 弹垫	8		03. 0012
14	30401080001	Flat Washer Φ8 平垫	4		03. 0050
15	20203000425	Bracket 支架	1		30. 04. 041
16	55511000005	Connecting Rod 连杆	2		30. 01. 1503
17	30511060002	Pin Roll Φ6×20 销轴	2		03. 0321
18	30511020001	Cotter Pin Φ2×16 开口销	2		03. 0333
19	30201060018	Screw M6×12 螺钉	4		03. 0145
20	30411060002	Spring Washer Φ6 弹垫	4		03. 0011
21	30401060001	Flat Washer Φ6 平垫	4		03. 00512
22	20203000310	Mounting Plate 安装板	1		30. 01. 2049
23	20203000705	Bracket 支架	2		30. 05. 129
24	70103000010	Sensitive Switch 微动开关	3		02. 01. 2183
25	40201200002	Straight Joint 直接头	1		02. 01. 324322
26	54013000004	Hoop 抱箍	1		03. 05384
27	40202220004	Right-Angle Connector 直角接头	1		02. 01. 31040
28	40201160021	Straight Joint 直接头	2		02. 01. 324324

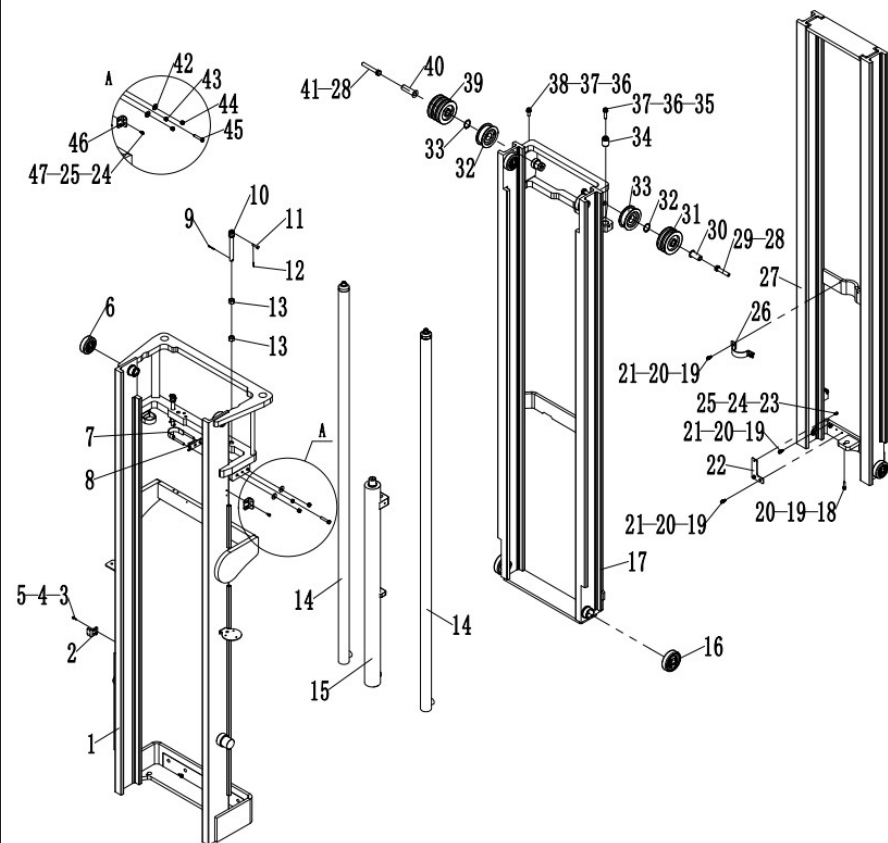
2.3	Control Valve Assembly (two spool) 多路阀组件 (二联)
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3.1 Double Mast Lifting System 两级门架起升系统							
		Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
		1	30511032004	Cotter Pin $\Phi 3.2 \times 20$ 开口销	4		03. 0860
		2	50101075001	Pin Shaft 销轴	4		03. 03203
		3	53104000002	Chain Tie Rod 链条拉杆	2		30. 04. 079
		4	30301180003	Nut M18 螺母	4		03. 0261
		5	30511040005	Cotter Pin $\Phi 4 \times 63$ 开口销	2		30. 35. ZC. 233
		6	51101000001	Roller 滚轮	4		
		7	50202080001	U-Shaped Bolt U型螺栓	2		02. 01. 3514
		8	54202000016	Oil Cylinder Support Block 油缸支撑块	2		19. 0595
		9	30401100005	Washer 10 大垫圈	4		03. 0915
		10	30311100001	Locknut M10 螺母	4		03. 0243
		11	30301100003	Locknut M10 螺母	2		03. 0259
		12	30101100014	Bolt M10 $\times 55$ 螺栓	2		
		13	20102011802	Outer Mast (4000) 外门架	1		
		13	20102011801	Outer Mast (3500) 外门架	1		
		13	20102011800	Outer Mast (3000) 外门架	1		
		13	20102010103	Outer Mast (2500) 外门架	1		
		13	20102010008	Outer Mast (2000) 外门架	1		
		14	30101080009	Bolt M8 $\times 30$ 螺栓	2		03. 0858
		15	30411080002	Spring Washer $\Phi 8$ 弹垫	2		03. 0012
		16	30401080001	Flat Washer $\Phi 8$ 平垫	2		03. 0050
		17	20203000485	Bracket 支架	1		30. 04. 080
		18	30401050001	Flat Washer $\Phi 5$ 平垫	2		03. 00511
		19	30411050001	Spring Washer 5 弹垫	2		03. 00132
		20	30201050016	Screw M5 $\times 20$ 螺钉	2		03. 0141
		21	40301500191	Lift Cylinder (4000) 起升油缸	2		02. YG. 32828
		21	40301500192	Lift Cylinder (3500) 起升油缸	2		02. YG. 32829
		21	40301500189	Lift Cylinder (3000) 起升油缸	2		02. YG. 32826
		21	40301500250	Lift Cylinder (2500) 起升油缸	2		02. YG. 3701

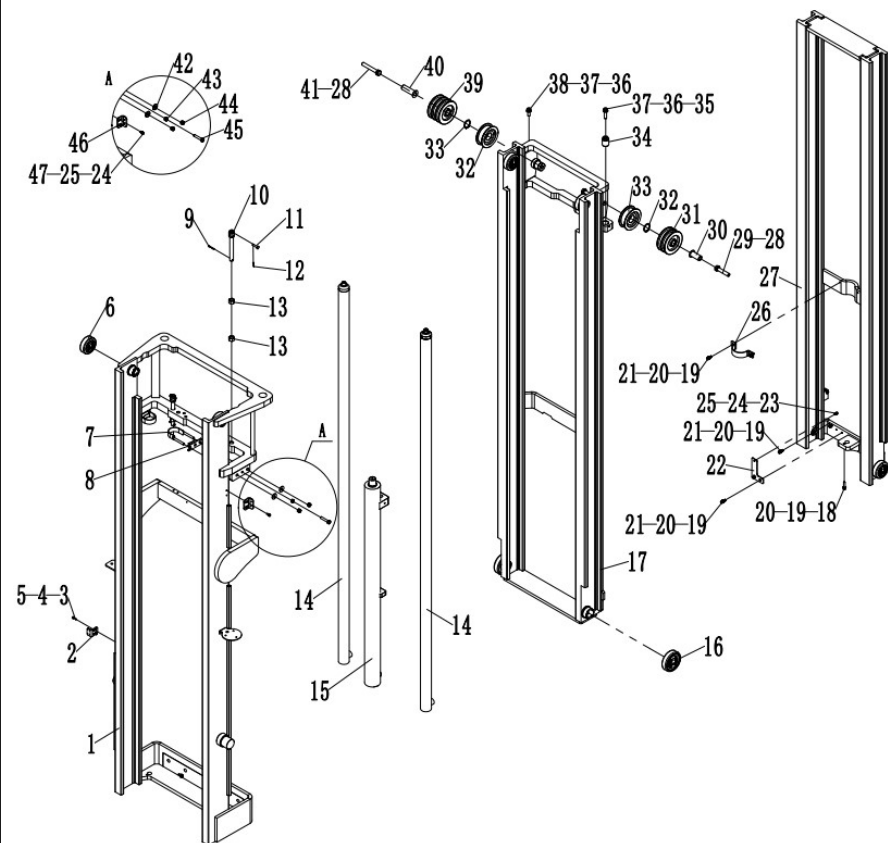
3.1 Double Mast Lifting System 两级门架起升系统							
		Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
		21	40301500294	Lift Cylinder (2000) 起升油缸	2		
		22	30401120001	Flat Washer Φ12 平垫	2		03.00514
		23	30411120003	Spring Washer Φ12 弹垫	2		03.0015
		24	30101120036	Bolt M12×50 螺栓	1		03.0387
		25	50201330001	Bolt 螺栓	1		30.03.051
		26	30101160020	Bolt M16×80 螺栓	1		03.0390
		27	30411160002	Spring Washer Φ16 弹垫	1		03.0017
		28	50301165003	Shaft Sleeve 轴套	1		30.05.001
		29	51107000006	Sprocket 链轮	1		30.05.181
		30	51106000009	Sprocket 链轮	2		30.01.2980
		31	30421400001	Retainer Ring 40 挡圈	2		03.0070
		32	20103010169	Inner Mast (4000) 内门架	1		03.0071
		32	20103010167	Inner Mast (3500) 内门架	1		
		32	20103010108	Inner Mast (3000) 内门架	1		
		32	20103010015	Inner Mast (2500) 内门架	1		33.020.011
		32	20103010013	Inner Mast (2000) 内门架	1		

3.2 Triple Mast Lifting System 三级门架起升系统



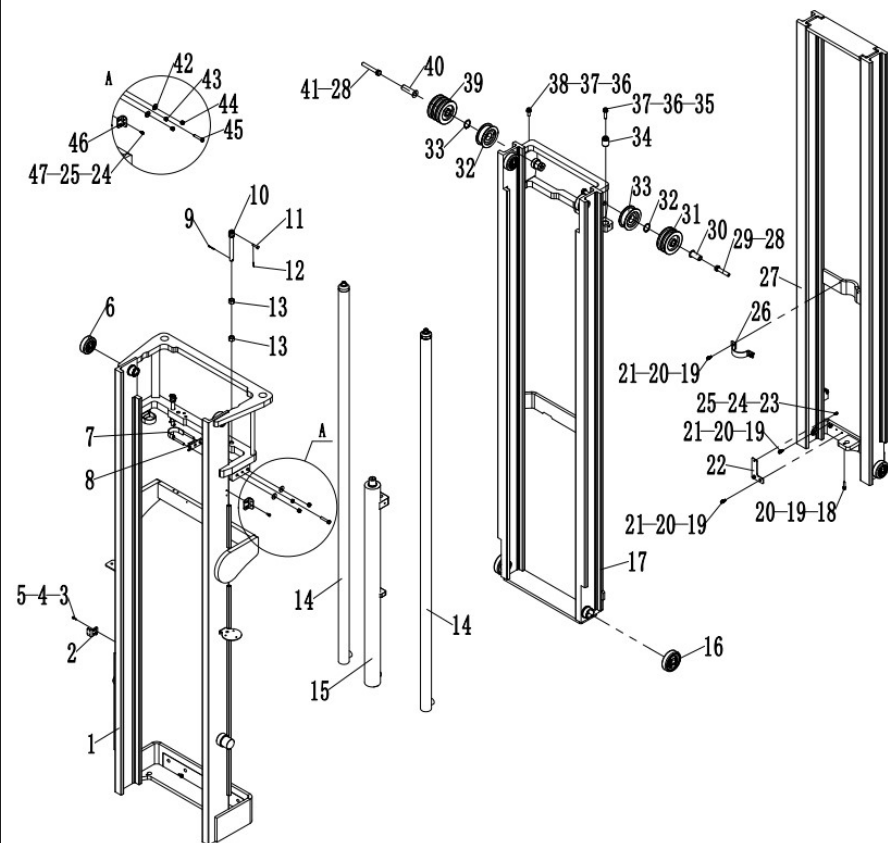
Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	20102011806	Outer Mast (6000) 外门架	1		
1	20102011805	Outer Mast (5500) 外门架	1		
1	20102011804	Outer Mast (5000) 外门架	1		
1	20102011803	Outer Mast (4500) 外门架	1		
2	20202000762	Bracket 支架	1		
3	30401050001	Flat Washer Φ5 平垫	2		03. 00511
4	30411050001	Spring Washer Φ5 弹垫	2		03. 00132
5	30201050016	Screw M5×20 螺钉	2		03. 0141
6	51101000007	Roller 滚轮	6		
7	50202080001	U-Shaped Bolt U 型螺栓	2		02. 01. 3514
8	54202000016	Oil Cylinder Support Block 油缸支撑块	2		19. 0595
9	30511040005	Cotter Pin Φ4×63 开口销	2		30. 35. ZC. 233
10	53104000002	Chain Tie Rod 链条拉杆	2		30. 04. 079
11	50101075001	Pin Shaft 销轴	4		03. 03203
12	30511032004	Cotter Pin Φ3.2×20 开口销	4		03. 0860
13	30301180003	Nut M18 螺母	4		03. 0261
14	40301450143	Lift Cylinder (6000) 起升油缸	2		02. YG. 3730
14	40301450155	Lift Cylinder (5500) 起升油缸	2		02. YG. S.J. 0002
14	40301450154	Lift Cylinder (5000) 起升油缸	2		02. YG. S.J. 0004
14	40301450153	Lift Cylinder (4500) 起升油缸	2		02. YG. 3763
15	40301700020	Middle Cylinder (6000) 中油缸	1		02. YG. 3729
15	40301700021	Middle Cylinder (5500) 中油缸	1		02. YG. S.J. 0001
15	40301700022	Middle Cylinder (5000) 中油缸	1		02. YG. S.J. 0003
15	40301700023	Middle Cylinder (4500) 中油缸	1		02. YG. 3764
16	51101000010	Roller 滚轮	2		
17	20103010116	Middle Mast (6000) 中门架	1		33. 020. 024
17	20103010177	Middle Mast (5500) 中门架	1		
17	20103010174	Middle Mast (5000) 中门架	1		

3.2 Triple Mast Lifting System 三级门架起升系统

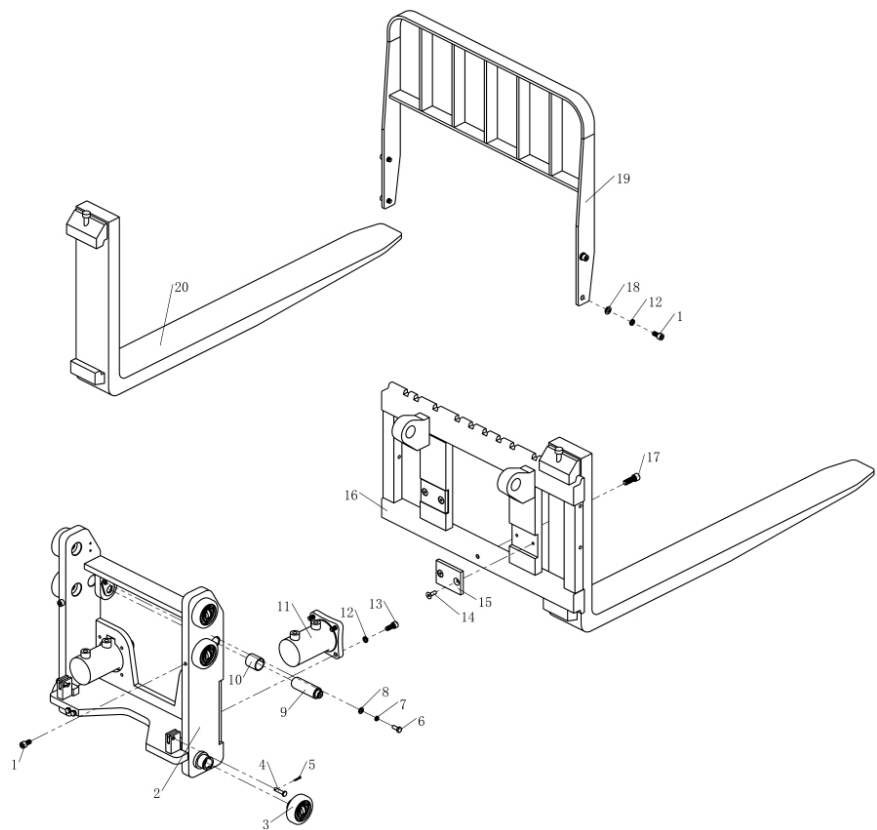


Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
17	20103010171	Middle Mast(4500) 中门架	1		
18	30201080032	Screw M8×35 螺钉	1		03. 0158
19	30411080002	Spring Washer Φ8 弹垫	9		03. 0012
20	30401080001	Flat Washer Φ8 平垫	9		03. 0050
21	30201080004	Screw M8×20 螺钉	8		03. 01550
22	20203000535	Bracket 支架	2		
23	30201060018	Screw M6×12 螺钉	2		03. 0145
24	30401060001	Flat Washer Φ6 平垫	4		03. 00512
25	30411060002	Spring Washer Φ6 弹垫	4		03. 0011
26	54102000005	Hoop 抱箍	1		
27	20103010117	Inner Mast(6000) 内门架	1		33. 020. 025
27	20103010178	Inner Mast(5500) 内门架	1		
27	20103010175	Inner Mast(5000) 内门架	1		
27	20103010172	Inner Mast(4500) 内门架	1		
28	30411160002	Spring Washer Φ16 弹垫	2		03. 0017
29	30101160016	Bolt M16×110 螺栓	1		03. 0724
30	50301165003	Shaft Sleeve 轴套	1		30. 05. 001
31	51107000006	Sprocket 链轮	1		30. 05. 181
32	30421400001	Retainer Ring Φ40 挡圈	2		03. 0070
33	51106000009	Sprocket 链轮	2		30. 01. 2980
34	50201330001	Bolt 螺栓	1		30. 03. 051
35	30101120036	Bolt M12×50 螺栓	1		03. 0387
36	30411120003	Spring Washer Φ12 弹垫	2		03. 0015
37	30401120001	Flat Washer Φ12 平垫	2		03. 00514
38	30201120003	Bolt M12×35 螺栓	1		03. 01721
39	51107000008	Sprocket 链轮	1		30. 05. 216
40	50301165005	Shaft Sleeve 轴套	1		30. 05. 218
41	30101160020	Bolt M16×80 螺栓	1		03. 0390

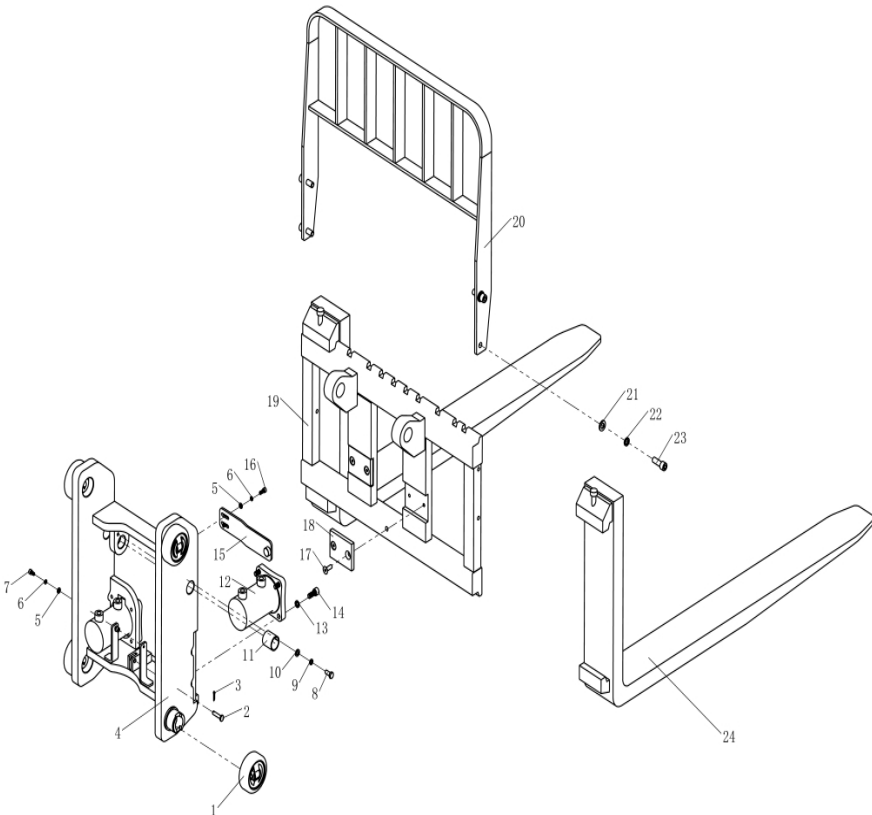
3.2 Triple Mast Lifting System 三级门架起升系统

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3.3	Two Stage Door Rack Cargo Fork Rack 两级门架货叉架
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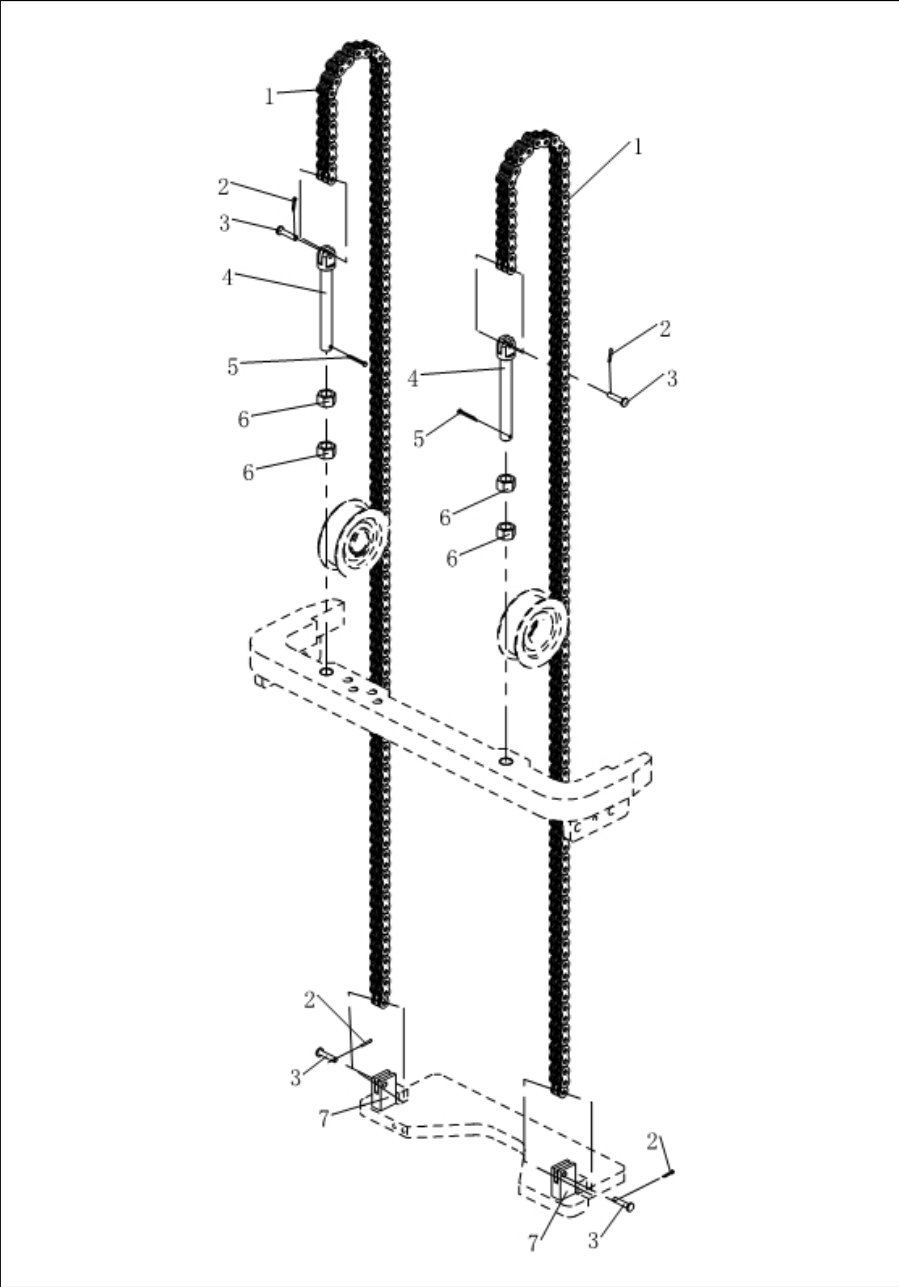
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3.4Three Level Door Rack Cargo Fork Rack
三级门架货叉架



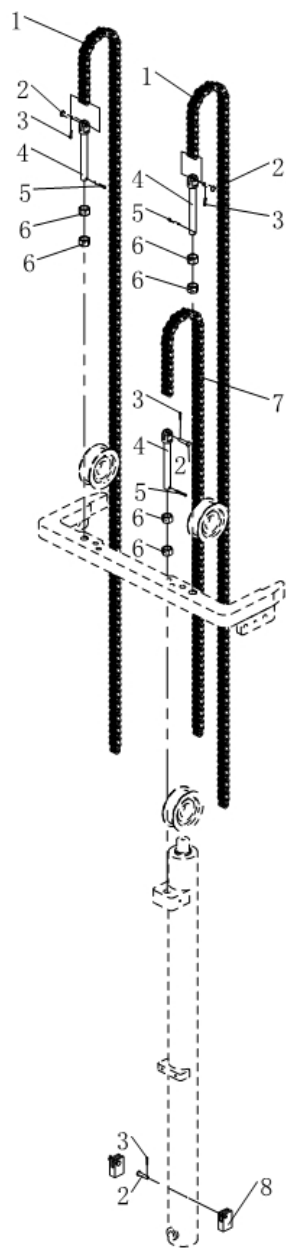
Item	Part No	Description	Qty	Applied Date	Remark
序号	代码	名称	数量	适用日期	备注
1	51101000007	Roller 滚轮	4		
2	50101075001	Cotter Pin 销轴	1		03. 03203
3	30511030003	Cotter Pin Φ3×20 开口销	1		03. 0557
4	20103010190	Balladeur Train 滑架	1		
5	30401060001	Flat Washer Φ6 平垫	4		03. 00512
6	30411060002	Spring Washer Φ6 弹垫	4		03. 0011
7	30201060018	Screw M6×12 螺钉	2		03. 0145
8	30201080004	Bolt M8×20 螺栓	2		03. 01550
9	30411080002	Spring Washer Φ8 弹垫	2		03. 0012
10	30401080001	Flat Washer Φ8 平垫	2		03. 0050
11	54002000048	Shaft Sleeve 复合套	2		03. 04510
12	40301630002	Tilt Cylinder 倾斜油缸	2		02. YG. 20411
13	30411100002	Spring Washer Φ10 弹垫	8		03. 0014
14	30201100023	Screw M10×25 螺钉	8		03. 0165
15	20203000543	Mounting Plate 安装板	1		30. 04. 144
16	30201060020	Screw M6×16 螺钉	2		03. 0147
17	30251080028	Screw M8×25 螺钉	4		03. 0092
18	20203000758	Slider 滑块	2		30. 05. 197
19	20103010111	Fork Arm Carrier 货叉支架	2		
20	20203000440	Guardrail 护栏	2		30. 01. 2110
21	30401120001	Flat Washer Φ12 平垫	4		03. 00514
22	30411120003	Spring Washer Φ12 弹垫	4		03. 0015
23	30201120003	Screw M12×35 螺钉	4		03. 01721
24	53201000187	Fork 货叉	2		02. DDHC. 32826

3.5	Chain System (Double Mast) 链条系统 (二级门架)
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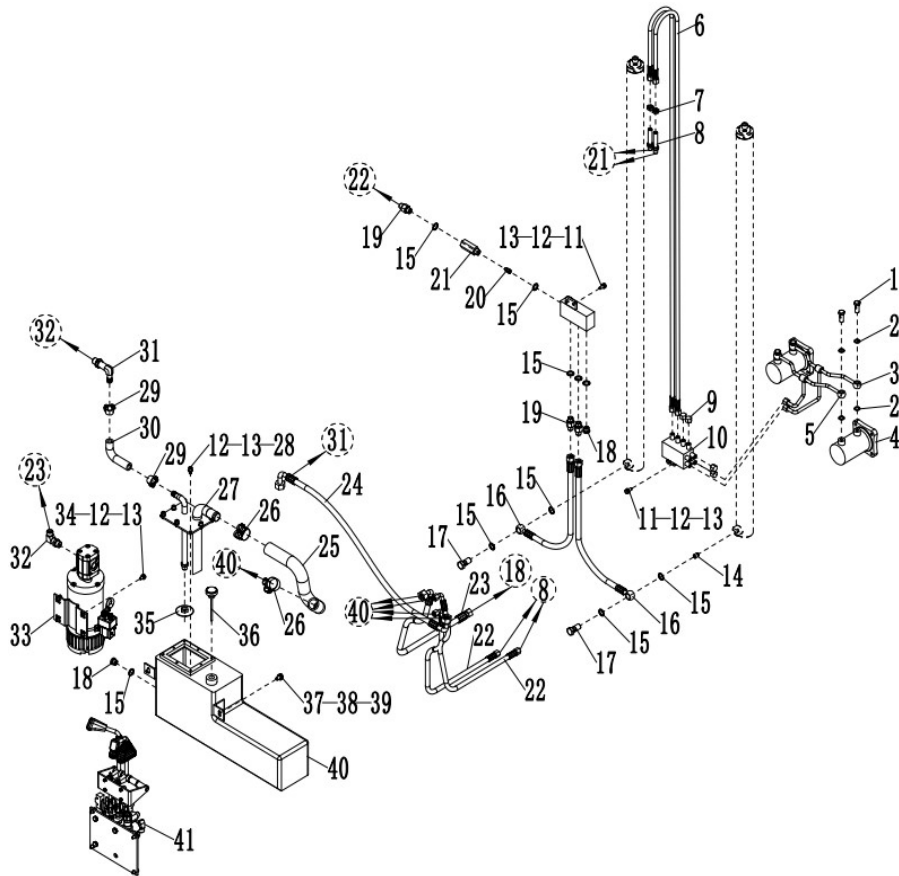
3.5 Chain System (Triple mast)

链条系统（三级门架）

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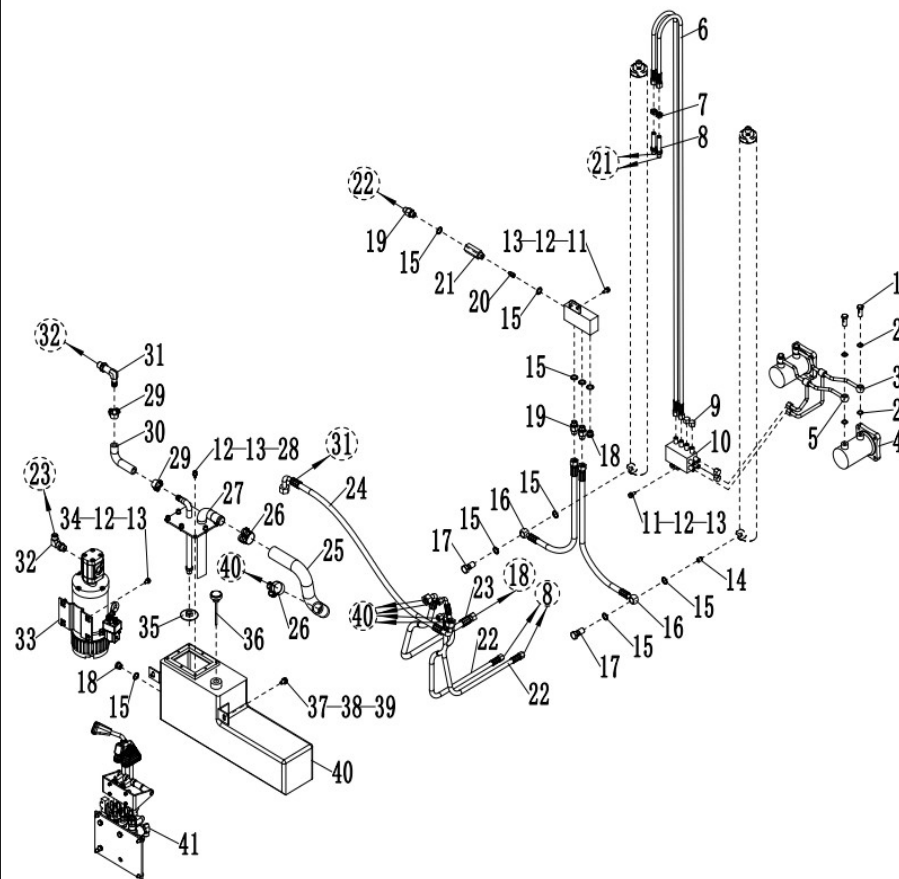
4.1

Hydraulic System (Double Mast)
液压系统（二级门架）

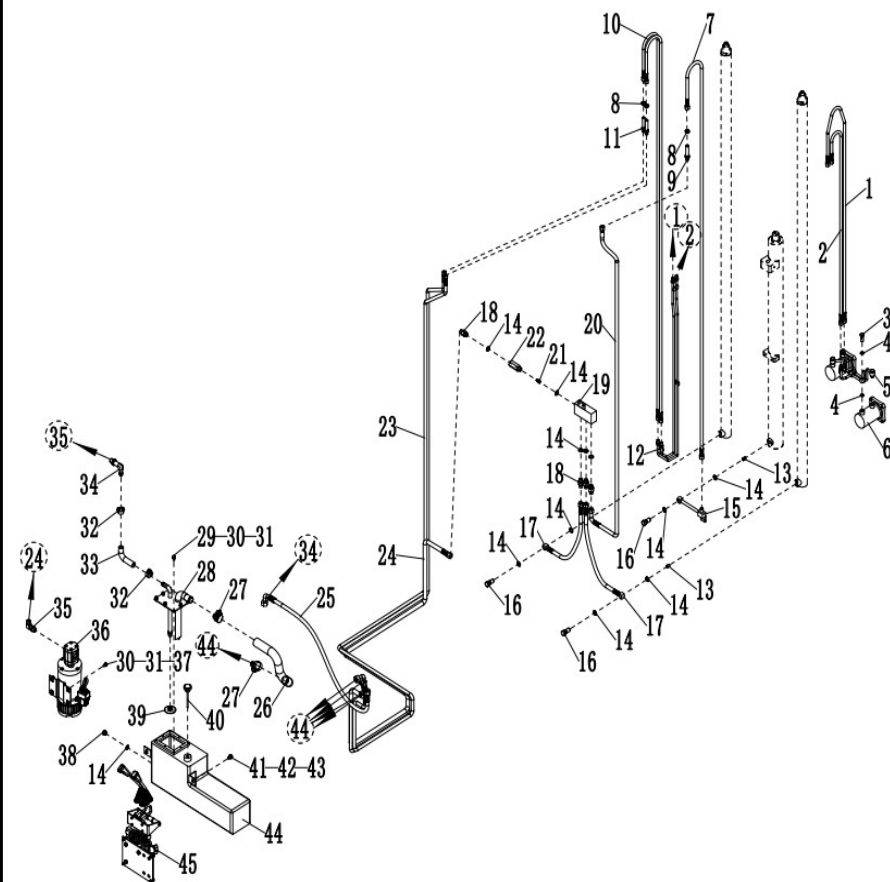


Item	Part No	Description		Qty	Applied Date	Remark
序号	代码	名称		数量	适用日期	备注
1	40204000011	Bolt	螺栓	4		02. 01. 30810
2	30803014001	Combined Sealing Washer	组合密封垫	8		03. 0482
3	40121000425	Steel Penstocks	钢管	1		
4	40301630002	Tilt Cylinder	倾斜油缸	2		02. YG. 20411
5	40121000426	Steel Penstocks	钢管	1		
6	40101140199	Hose H.P. (2000)	高压胶管	2		02. YYL. 3497
6	40101140099	Hose H.P. (2500)	高压胶管	2		02. YYL. 32823
6	40101140095	Hose H.P. (3000)	高压胶管	2		02. YYL. 32816
6	40101140164	Hose H.P. (3500)	高压胶管	2		02. YYL. 32832
6	40101140101	Hose H.P. (4000)	高压胶管	2		02. YYL. 32826
7	30301140002	M14×1.5	螺母	2		03. 02860
8	40201140007	Joint	接头	2		02. 01. 324321
9	40221000004	Plug	螺盖	4		02. 01. 30821
10	40207000010	Oil Pipe Seat	油管座	1		02. YYL. 2414
11	30101080003	Bolt M8×20	螺栓	2		03. 0357
12	30411080002	Spring Washer 8	弹垫	14		03. 0012
13	30401080001	Flat Washer 8	平垫	14		03. 0050
14	40405000024	Explosion proof valve	防爆阀	1		02. 01. 30480
15	30803018001	Combined Sealing Washer	组合密封垫	10		03. 0484
16	40102180007	Hose H.P.	高压胶管	2		
17	40204000001	Bolt	螺栓	2		02. 01. 2369
18	50204180001	Screw Plug	螺塞	2		03. 0989
19	40201180005	Straight Joint	直接头	3		02. 01. 324329
20	40405000029	Slow Drop Valve Spool	缓降阀阀芯	1		02. 01. 0103
21	40221000019	Slow Drop Valve Housing	缓降阀外壳	1		02. YYL. 2410
22	40101140371	Hose H.P. (2000)	高压胶管	2		
22	40101140372	Hose H.P. (2500)	高压胶管	2		
22	40101140364	Hose H.P. (3000)	高压胶管	2		

4.1	Hydraulic System (Double Mast) 液压系统（二级门架）
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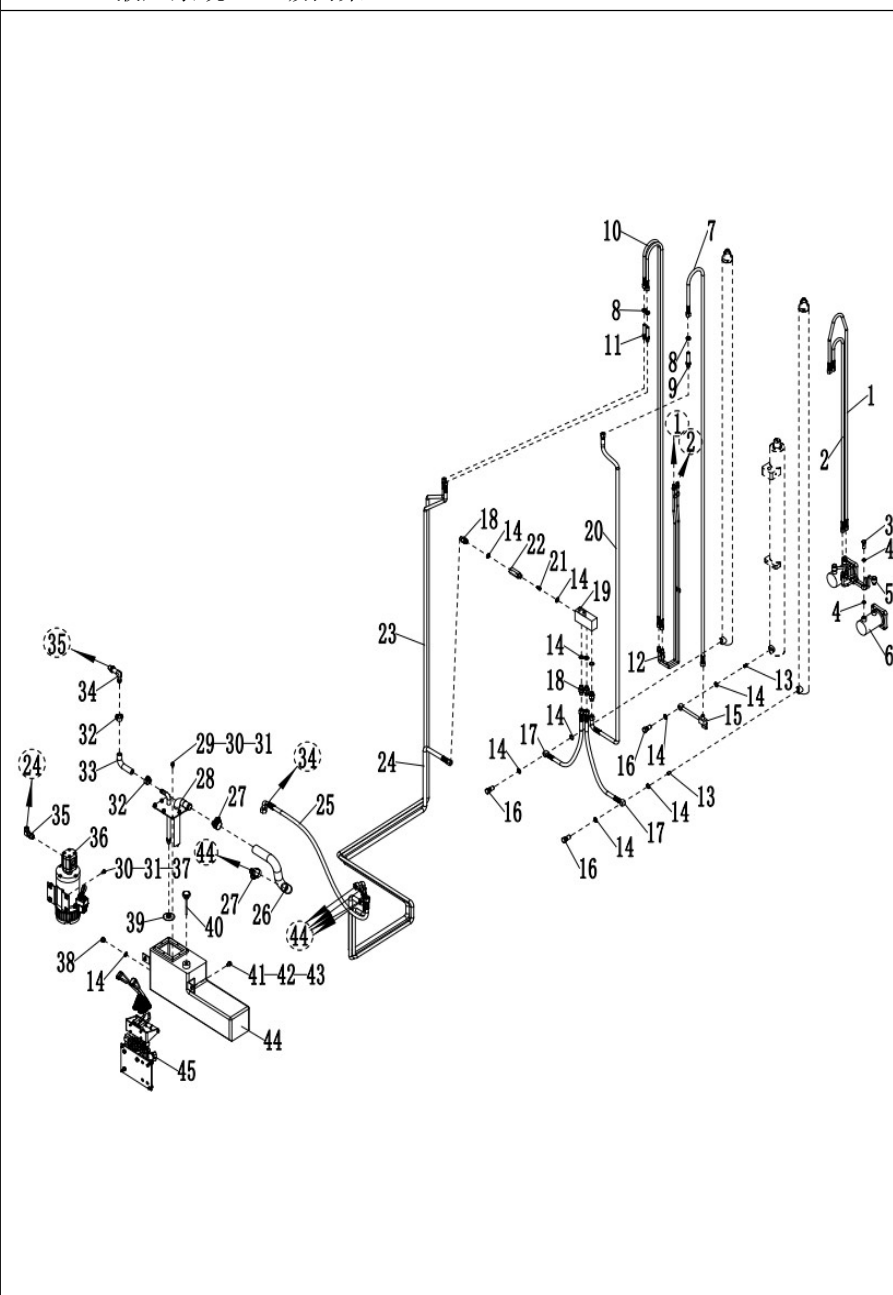
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4.2 Hydraulic System (Triple Mast)
液压系统（三级门架）



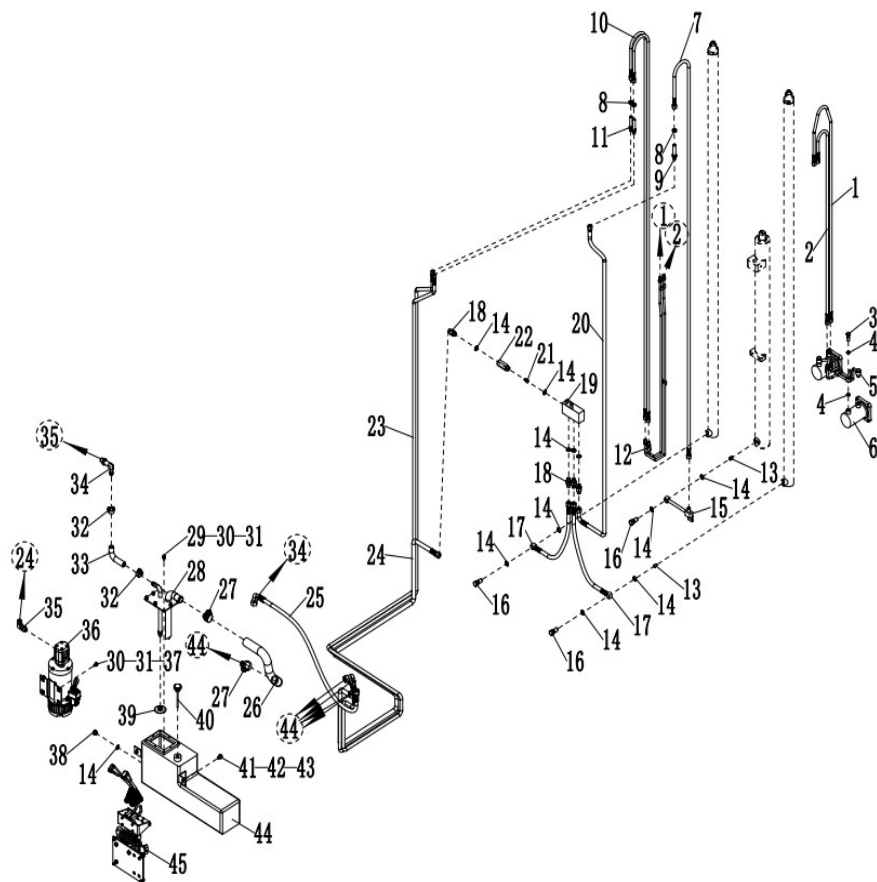
Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	40101140155	Hose H.P. (4500) 高压胶管	1		02. YYL. 32916
1	40101140177	Hose H.P. (5000) 高压胶管	1		02. YYL. 32907
1	40101140182	Hose H.P. (5500) 高压胶管	1		02. YYL. 32939
1	40101140326	Hose H.P. (6000) 高压胶管	1		02. YYL. 32892
2	40101140153	Hose H.P. (4500) 高压胶管	1		02. YYL. 32915
2	40101140172	Hose H.P. (5000) 高压胶管	1		02. YYL. 32906
2	40101140184	Hose H.P. (5500) 高压胶管	1		02. YYL. 32938
2	40101140022	Hose H.P. (6000) 高压胶管	1		
3	40204000011	Bolt 螺栓	4		02. 01. 30810
4	30803014001	Combined Sealing Washer 组合密封垫	8		03. 0482
5	40122000027	Steel Penstocks 钢管	1		02. YYL. 32880
6	40301630002	Tilt Cylinder 倾斜油缸	2		02. YG. 20411
7	40101160140	Hose H.P. (4500) 高压胶管	1		02. YYL. 32917
7	40101160159	Hose H.P. (5000) 高压胶管	1		02. YYL. 32908
7	40101160163	Hose H.P. (5500) 高压胶管	1		02. YYL. 32940
7	40101160051	Hose H.P. (6000) 高压胶管	1		02. YYL. 32897
8	30301140002	M14×1.5 螺母	3		03. 02860
9	40201160017	Joint 接头	1		02. 01. 31126
10	40101140151	Hose H.P. (4500) 高压胶管	2		02. YYL. 32914
10	40101140159	Hose H.P. (5000) 高压胶管	2		02. YYL. 32953
10	40101140173	Hose H.P. (5500) 高压胶管	2		02. YYL. 32937
10	40101140025	Hose H.P. (6000) 高压胶管	2		02. YYL. 32889
11	40201140007	Joint 接头	2		02. 01. 324321
12	40122000031	Steel Penstocks 钢管	1		
13	40405000024	Explosion proof valve 防爆阀	2		02. 01. 30480
14	30803018001	Combined Sealing Washer 组合密封垫	12		03. 0484
15	40121000350	Steel Penstocks 钢管	1		02. YYL. 4055
16	40204000001	Bolt 螺栓	3		02. 01. 2369

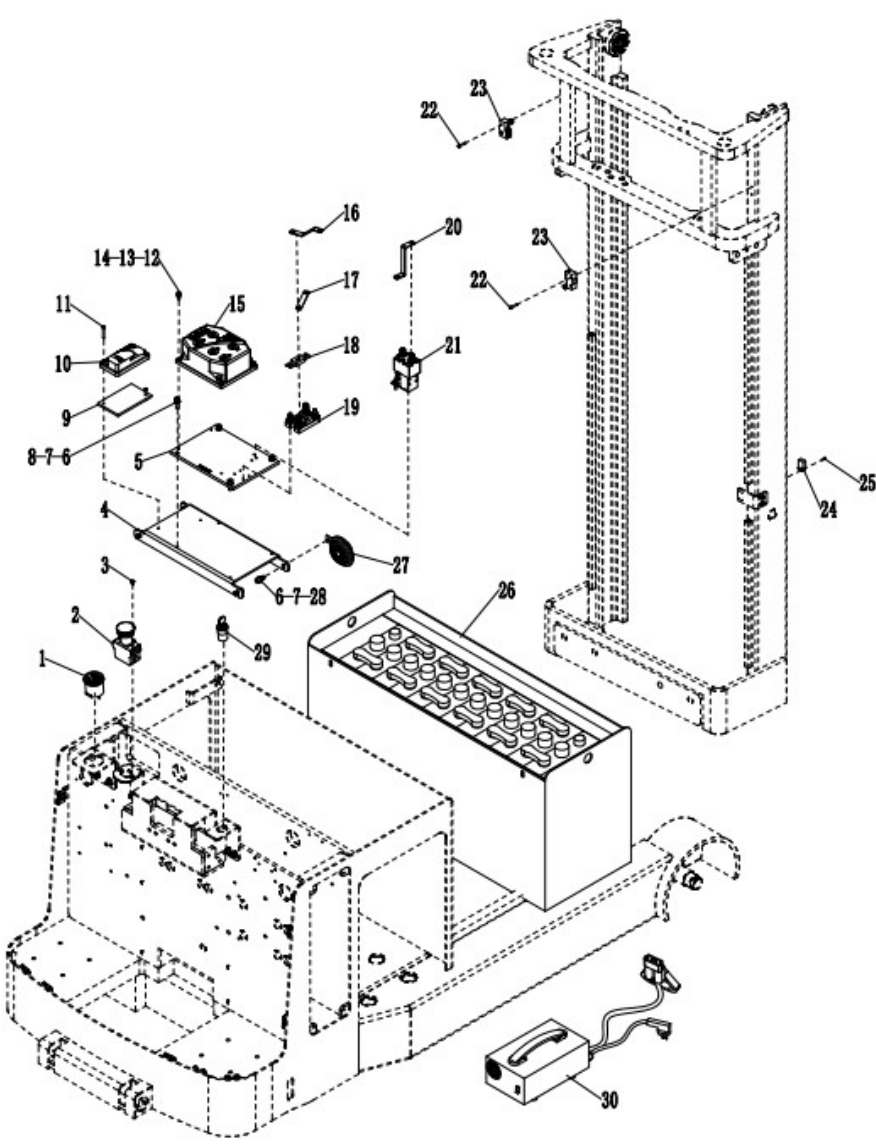
4.2 Hydraulic System (Triple Mast)
液压系统（三级门架）



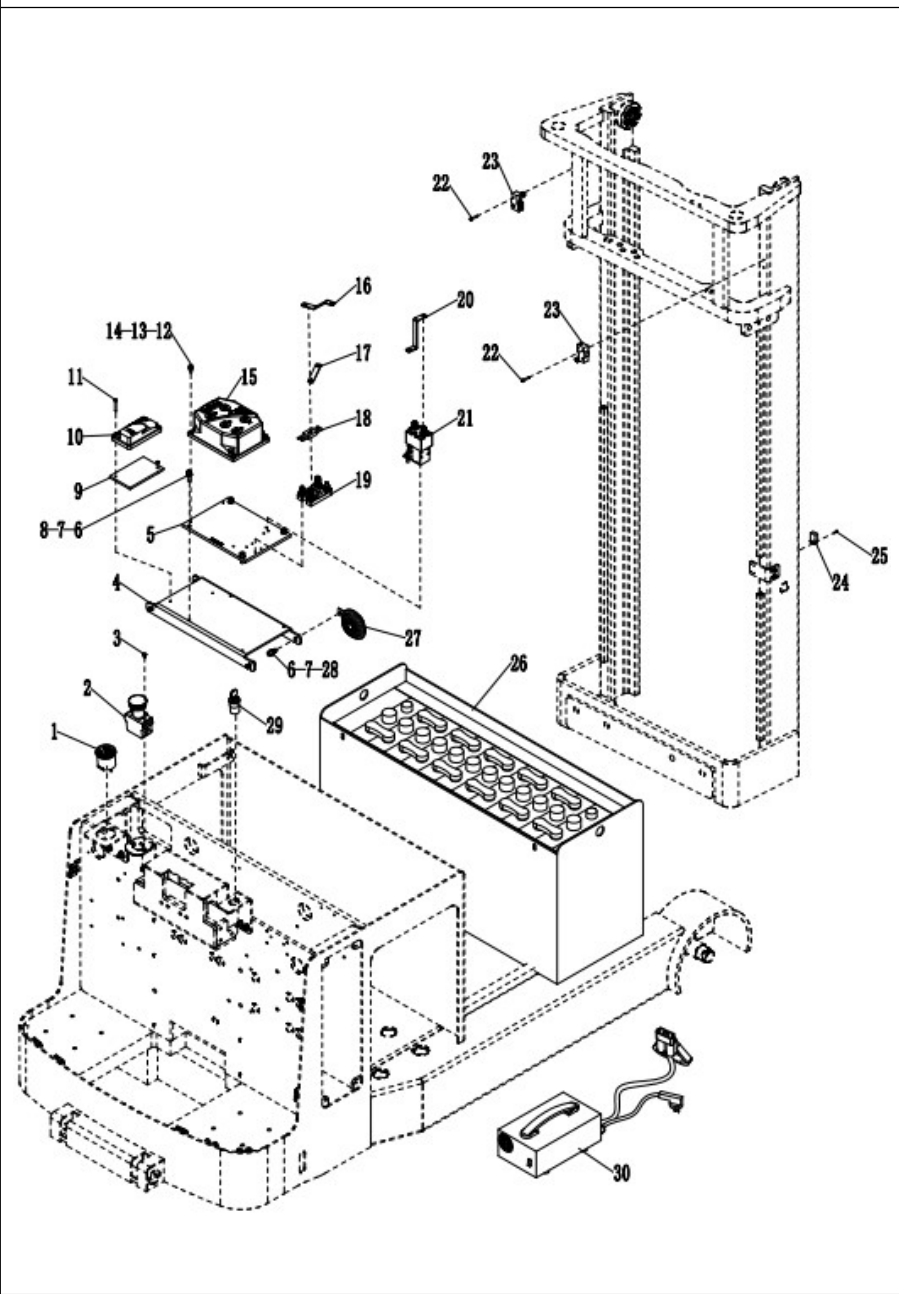
Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
17	40102180011	Hose H.P. 高压胶管	2		
18	40201180005	Straight Joint 直接头	4		02. 01. 324329
19	40207000010	Oil Pipe Seat 油管座	1		02. YYL. 2414
20	40101160280	Hose H.P. (4500) 高压胶管	1		
20	40101160281	Hose H.P. (5000) 高压胶管	1		
20	40101160282	Hose H.P. (5500) 高压胶管	1		
20	40101160283	Hose H.P. (6000) 高压胶管	1		
21	40405000029	Slow Drop Valve Spool 缓降阀阀芯	1		02. 01. 0103
22	40221000019	Slow Drop Valve Housing 缓降阀外壳	1		02. YYL. 2410
23	40101140367	Hose H.P. (4500) 高压胶管	2		
23	40101140368	Hose H.P. (5000) 高压胶管	2		
23	40101140369	Hose H.P. (5500) 高压胶管	2		
23	40101140370	Hose H.P. (6000) 高压胶管	2		
24	40101180047	Hose H.P. 高压胶管	1		
25	40101220069	Hose H.P. 高压胶管	1		
26	40111320012	Oil Return Pipe 回油管	1		40111000001
27	54013000004	Hoop 卡箍	2		03. 05384
28	40410000009	Tank Cover 油箱盖	1		30. 04. 180
29	30201080003	Screw M8×16 螺钉	8		03. 01530
30	30411080002	Spring Washer 8 弹垫	12		03. 0012
31	30401080001	Flat Washer 8 平垫	12		03. 0050
32	54013000002	Hoop 抱箍	2		03. 05381
33	40111160010	Oil Resistant Tubing 耐油管	1		02. YYL. 3094
34	40206000003	Right Angle Adjustable Joint 直角可调接头	1		02. 01. 2201
35	40202000009	Right Angle Adjustable Joint 直角可调接头	1		02. 01. 32780
36	40401024086	Hydraulic Pump Assembly 动力单元	1		02. DLDY. 3981
37	30101080004	Bolt M8×16 螺栓	4		30. 35. 0299
38	50204180001	Screw Plug 螺塞	1		03. 0989

4.2 Hydraulic System (Triple Mast) 液压系统（三级门架）

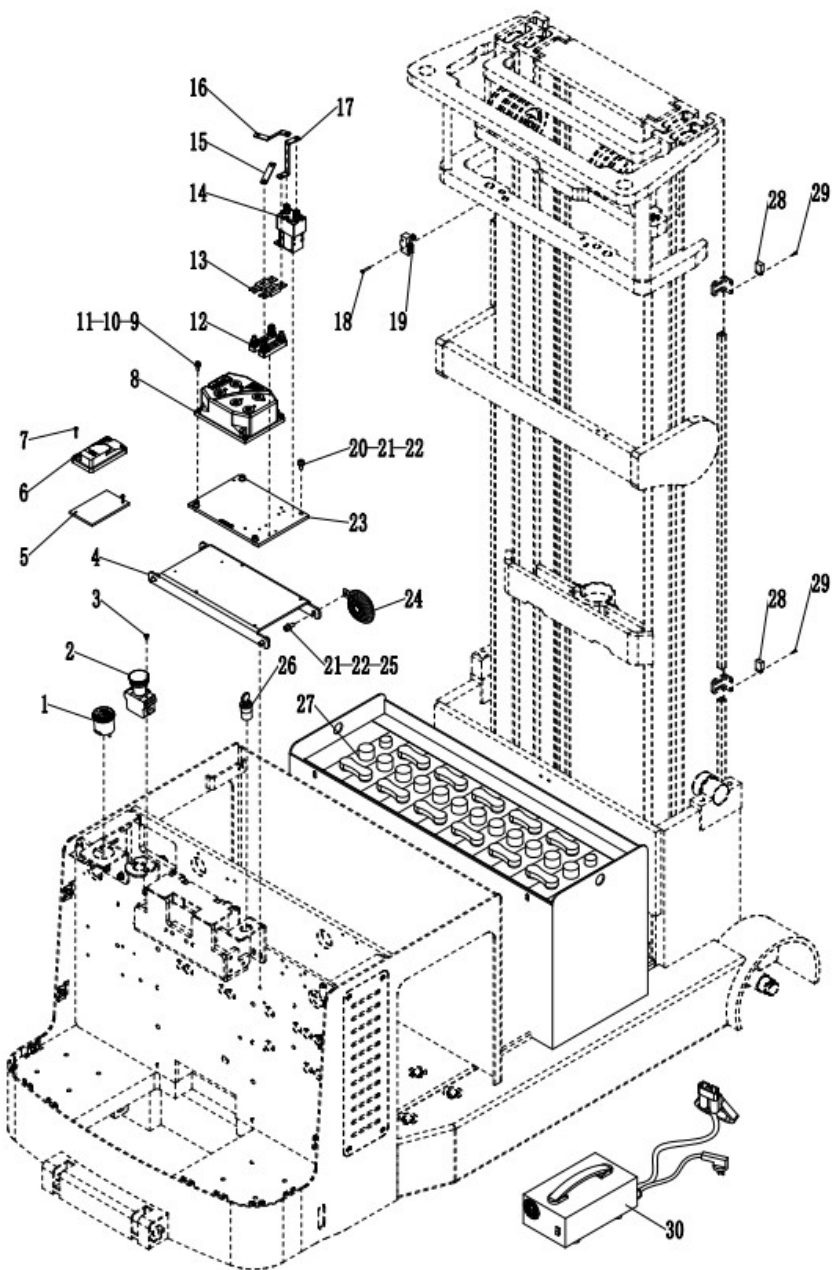
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5.1 Electrical System (Double Mast) 电气系统（二级门架）							
		Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
		1	70601000006	Electricity Meter 电量表	1		
		2	70104000006	Hand Brake Switch 急停开关	1		02. 01. 2248
		3	30251050015	Screw M5×12 螺钉	2		03. 0083
		4	20203000433	Bracket 支架	1		30. 04. 045
		5	70331000408	Electrical Mounting Plate 电控板	1		
		6	30201080005	Screw M8×25 螺钉	4		03. 01560
		7	30411080002	Spring Washer Φ8 弹垫	8		03. 0012
		8	30401080001	Flat Washer Φ8 平垫	8		03. 0050
		9	70331000412	Electrical Mounting Plate 电控板	1		20202001692
		10	70302000010	Controller 控制器	1		02. KZQ. 2161
		11	30201040008	Screw M4×35 螺钉	2		03. 0122
		12	30201060020	Screw M6×16 螺钉	4		03. 0147
		13	30401060001	Flat Washer Φ6 平垫	4		03. 00512
		14	30411060002	Spring Washer 6 弹垫	4		03. 0011
		15	70302000026	Controller 控制器	1		02. KZQ. 2307
		16	70331000005	Connecting Strip 连接条	1		16. 0481
		17	70331000008	Connecting Strip 连接条	1		16. 0621
		18	70701000003	Fuse 保险	2		02. 01. 2000
		19	70711000001	Fuse Base 熔断器底座	2		02. 01. 3057
		20	70331000009	Connecting Strip 连接条	1		16. 0622
		21	70303000001	Contactactor 接触器	1		02. 01. 2163
		22	30211040011	Screw M4×25 螺钉	4		03. 0223
		23	70103000002	Sensitive Switch 微动开关	2		02. 01. 21820
		24	70109000002	Proximity Switch 接近开关	1		19. 0524
		25	30211030005	Screw M3×10 螺钉	2		03. 05361
		26	70501240023	Battery 蓄电池	1		02. XDC. 32832
		27	70222000002	Horn 喇叭	1		02. 01. 2218
		28	30201080004	Screw M8×20 螺钉	4		03. 01550

5.1	Electrical System (Double Mast) 电气系统（二级门架）
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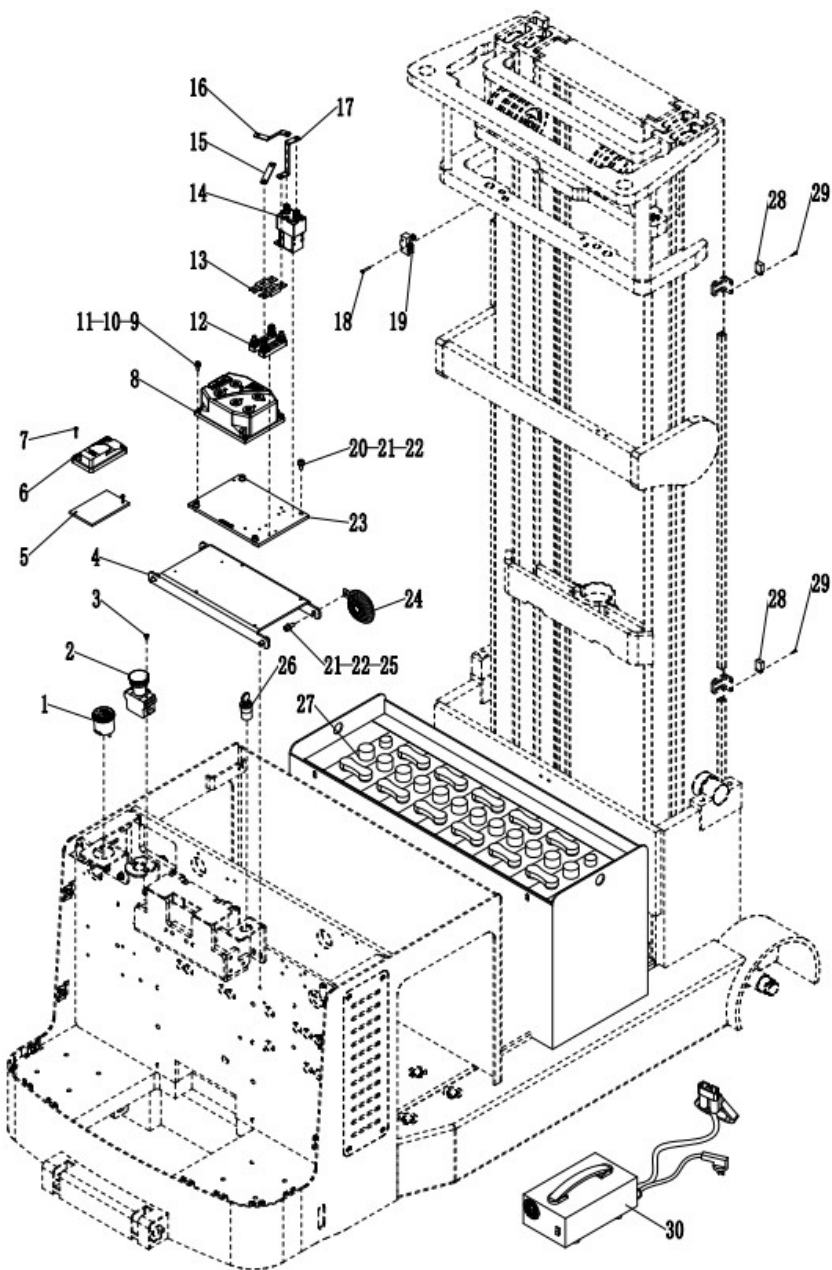
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5.2 Electrical System (Triple Mast) 电气系统（三级门架）

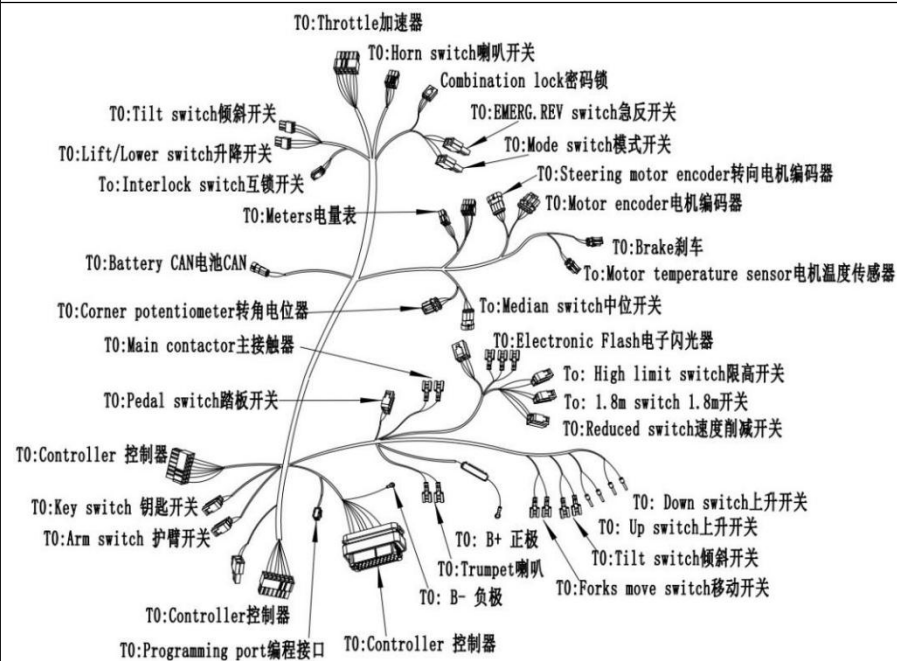


Item 序号	Part No 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	70601000006	Electricity Meter 电量表	1		
2	70104000006	Hand Brake Switch 急停开关	1		02. 01. 2248
3	30251050015	Screw M5×12 螺钉	2		03. 0083
4	20203000433	Bracket 支架	1		30. 04. 045
5	70331000412	Electrical Mounting Plate 电控板	1		20202001692
6	70302000010	Controller 控制器	1		02. KZQ. 2161
7	30201040008	Screw M4×35 螺钉	2		03. 0122
8	70302000026	Controller 控制器	1		02. KZQ. 2307
9	30201060020	Screw M6×16 螺钉	4		03. 0147
10	30401060001	Flat Washer Φ6 平垫	4		03. 00512
11	30411060002	Spring Washer 6 弹垫	4		03. 0011
12	70711000001	Fuse Base 熔断器底座	2		02. 01. 3057
13	70701000003	Fuse 保险	2		02. 01. 2000
14	70303000001	Contactor 接触器	1		02. 01. 2163
15	70331000008	Connecting Strip 连接条	1		16. 0621
16	70331000005	Connecting Strip 连接条	1		16. 0481
17	70331000009	Connecting Strip 连接条	1		16. 0622
18	30211040011	Screw M4×25 螺钉	2		03. 0223
19	70103000002	Sensitive Switch 微动开关	1		02. 01. 21820
20	30201080005	Screw M8×25 螺钉	4		03. 01560
21	30411080002	Spring Washer Φ8 弹垫	8		03. 0012
22	30401080001	Flat Washer Φ8 平垫	8		03. 0050
23	70331000408	Electrical Mounting Plate 电控板	1		
24	70222000002	Horn 喇叭	1		02. 01. 2218
25	30201080004	Screw M8×20 螺钉	4		03. 01550
26	70105000001	Electric Lock 电锁	1		02. 01. 2186
27	70501240023	Battery 蓄电池	1		02. XDC. 32832
28	70109000002	Proximity Switch 接近开关	2		19. 0524

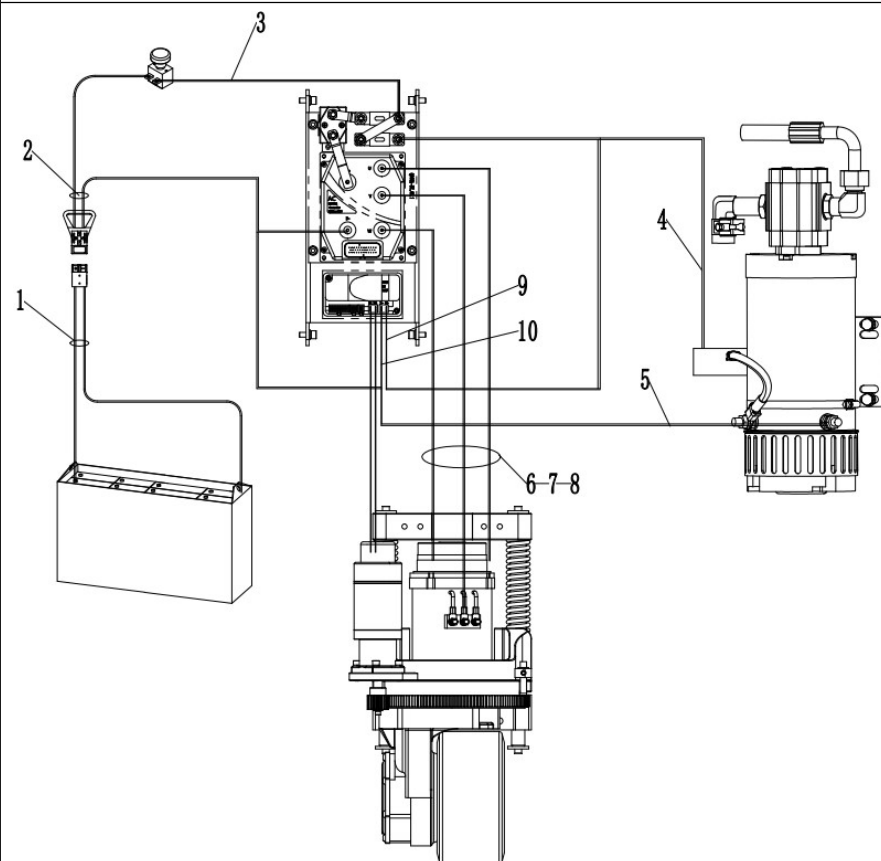
5.2	Electrical System (Triple Mast) 电气系统（三级门架）
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5.3 Wiring Harness Assembly 线束总成

[illegible]

5.4	Cable Assembly 电缆总成
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[illegible]

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