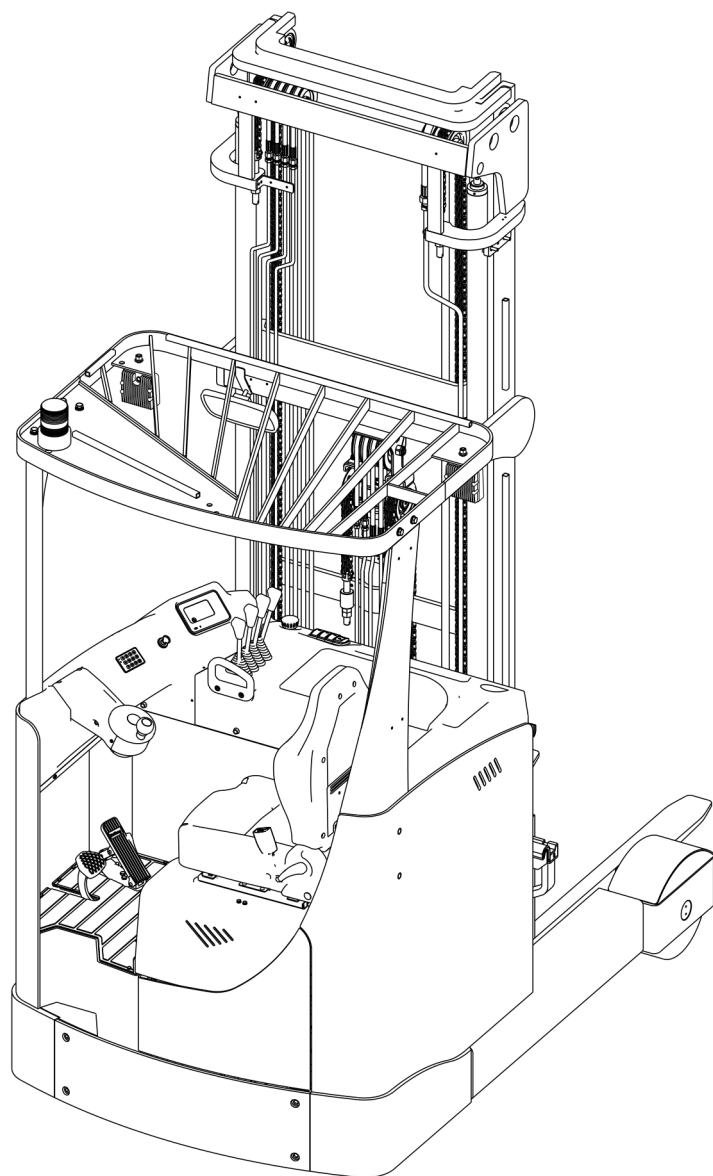




QGB20S
Electric reach truck
电动前移式叉车
Parts list 零件目录

20250416 V02

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.

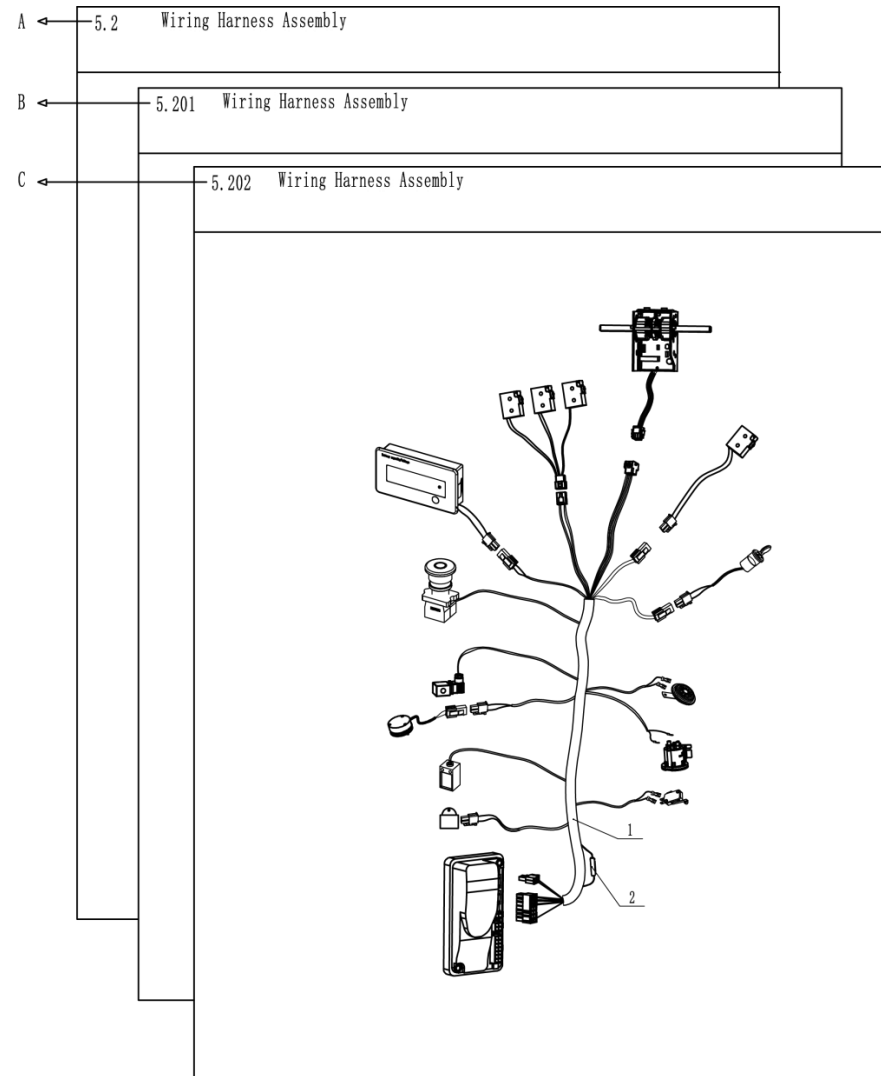
210125- : Beginning on January 25, 2021.

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

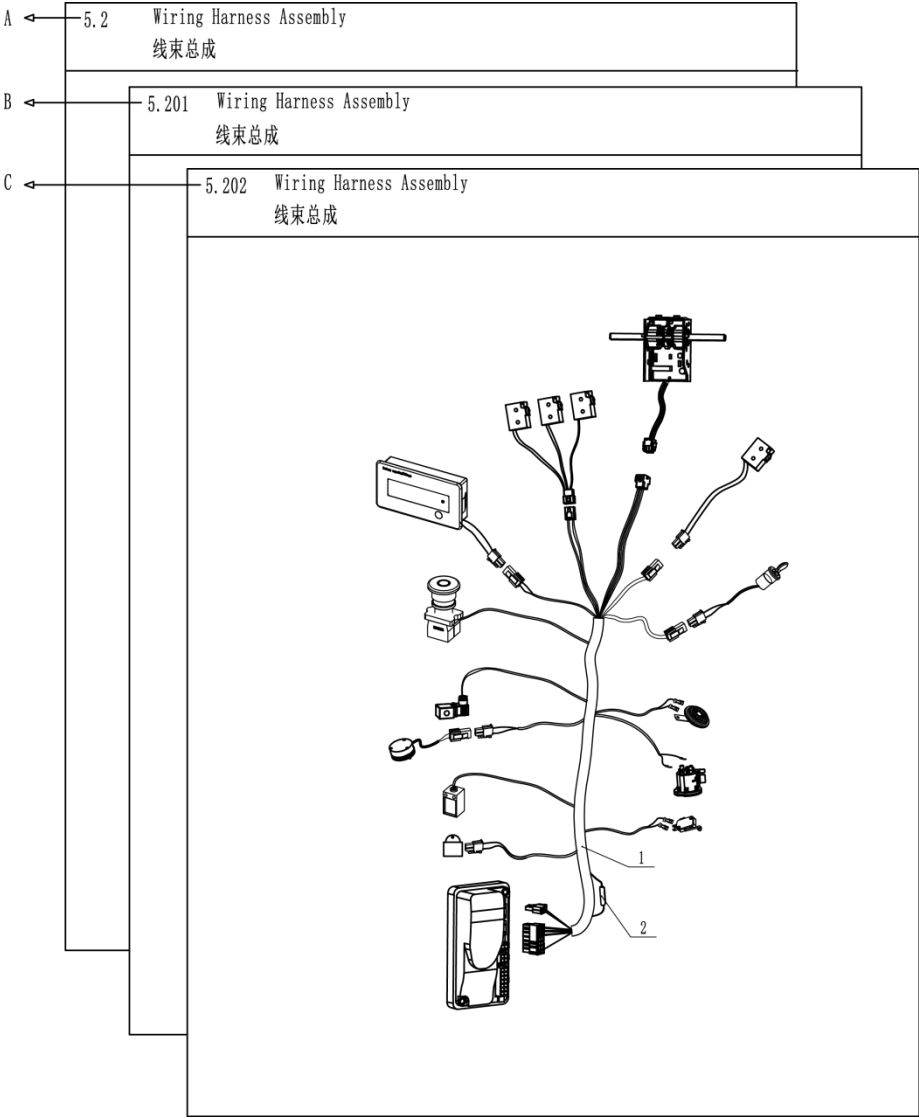
210125- : 起始于 2021 年 01 月 25 日

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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3. Lifting System 起升系统

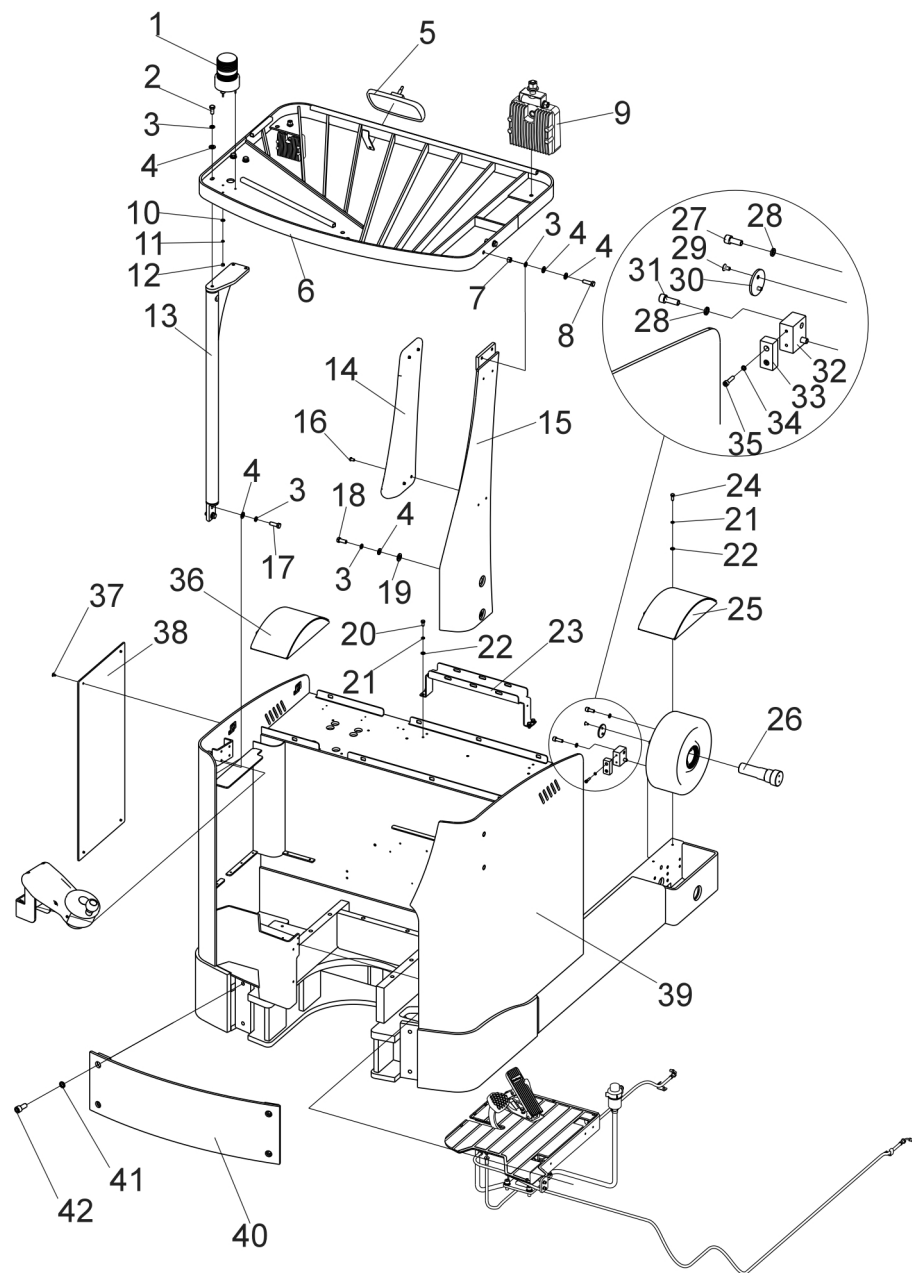
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修订记录

版 本	修订人	更改编号	修订事项
20240705 V01	高艾鑫		首次发布；
20250416 V02	莫敏萍	No. 2025120	2. 601 中 40404000018 多路阀更换为 40404000028 多路阀； 2. 701 中 40404000019 多路阀更换为 40404000027 多路阀；

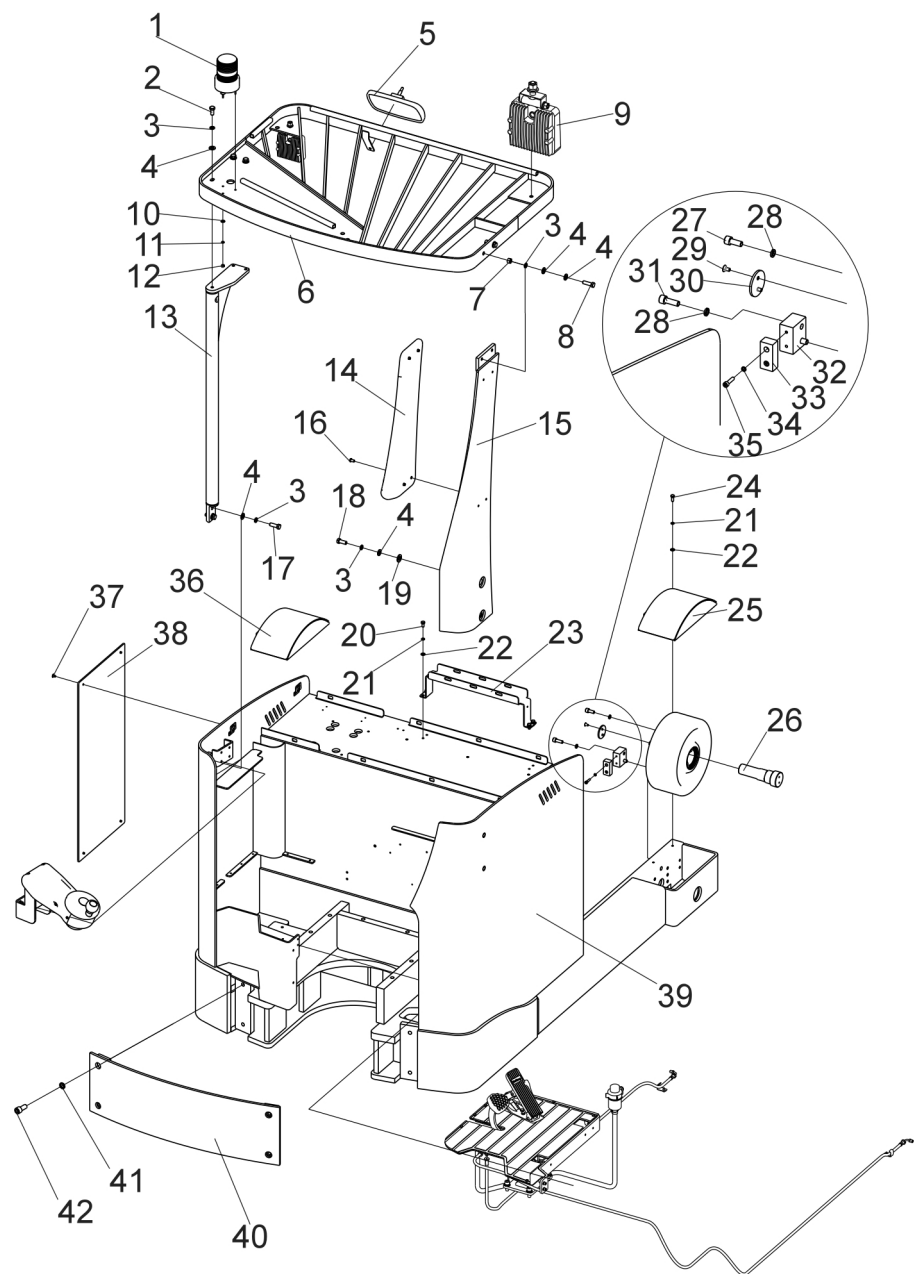
1.1 Frame Assembly
车架总成



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	20371021004	Warning Lights 旋转警示灯	1		02.01.9176
2	30101120031	Bolt M12×25 螺栓	3		03.0666
3	30411120003	Lock Washer Φ12 弹垫	9		03.0015
4	30401120001	Flat washer Φ12 平垫	11		03.00514
5	54402000002	Rearview Mirrors 后视镜	1		02.01.9177
6	20103010233	Guards 护架	1		
7	30301120004	Nut M12 螺母	2		03.0262
8	30101120035	Bolt M12×40 螺栓	4		03.0386
9	70201000001	Headlights 前大灯	2		19.0334
10	30401040005	Flat washer Φ4 平垫	3		03.1138
11	30411040002	Lock Washer Φ4 弹垫	3		03.0008
12	30301040001	Nut M4 螺母	3		03.0254
13	20103010235	Column 立柱	1		
14	54410000009	Back Pads 背垫	1		
15	20103010234	Right Bracket 右支架	1		
16	30251080008	Screw M8×15 螺钉	4		03.01100
17	30101120009	Bolt M12×35 螺栓	2		03.0786
18	30101120004	Bolt M12×30 螺栓	2		30.35.0302
19	30401160002	Flat washer Φ16 平垫	2		03.0047
20	30101080004	Bolt M8×16 螺栓	4		30.35.0299
21	30411080002	Lock Washer Φ8 弹垫	8		03.0012
22	30401080001	Flat Washer Φ8 平垫	8		03.0050
23	20203001220	Bracket 回油管支架	1		30.54.0052
24	30101080003	Bolt M8×20 螺栓	4		03.0357
25	20103010237	Fender Right 挡泥板右	1		
26	20203000831	Shaft 轮轴	2		30.05.293
27	30201100023	Screw M10×25 螺钉	12		03.0165
28	30411100002	Lock Washer Φ10 弹垫	16		03.0014
29	30251060025	Screw M6×12 螺钉	4		03.0090

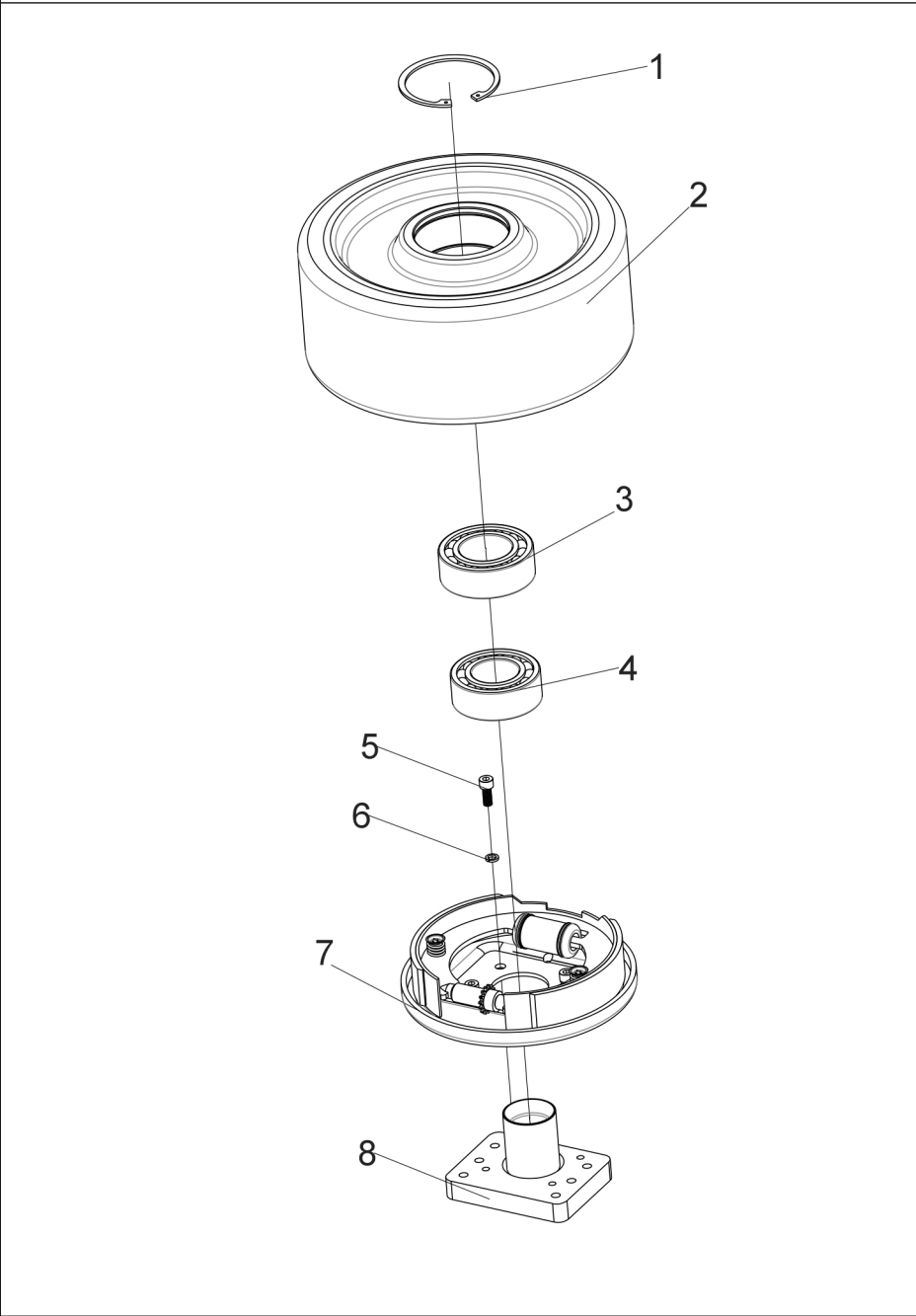
1.1 Frame Assembly

车架总成

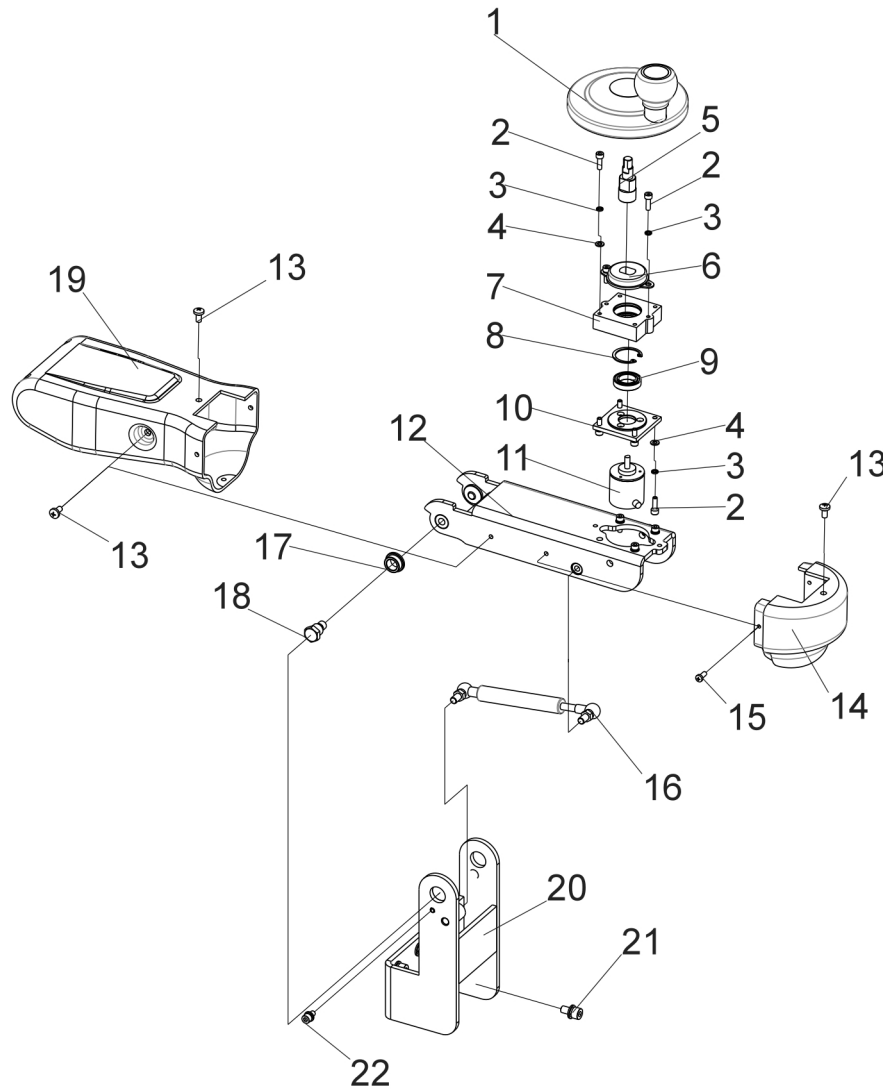
[illegible]

1.2 Wheel Components

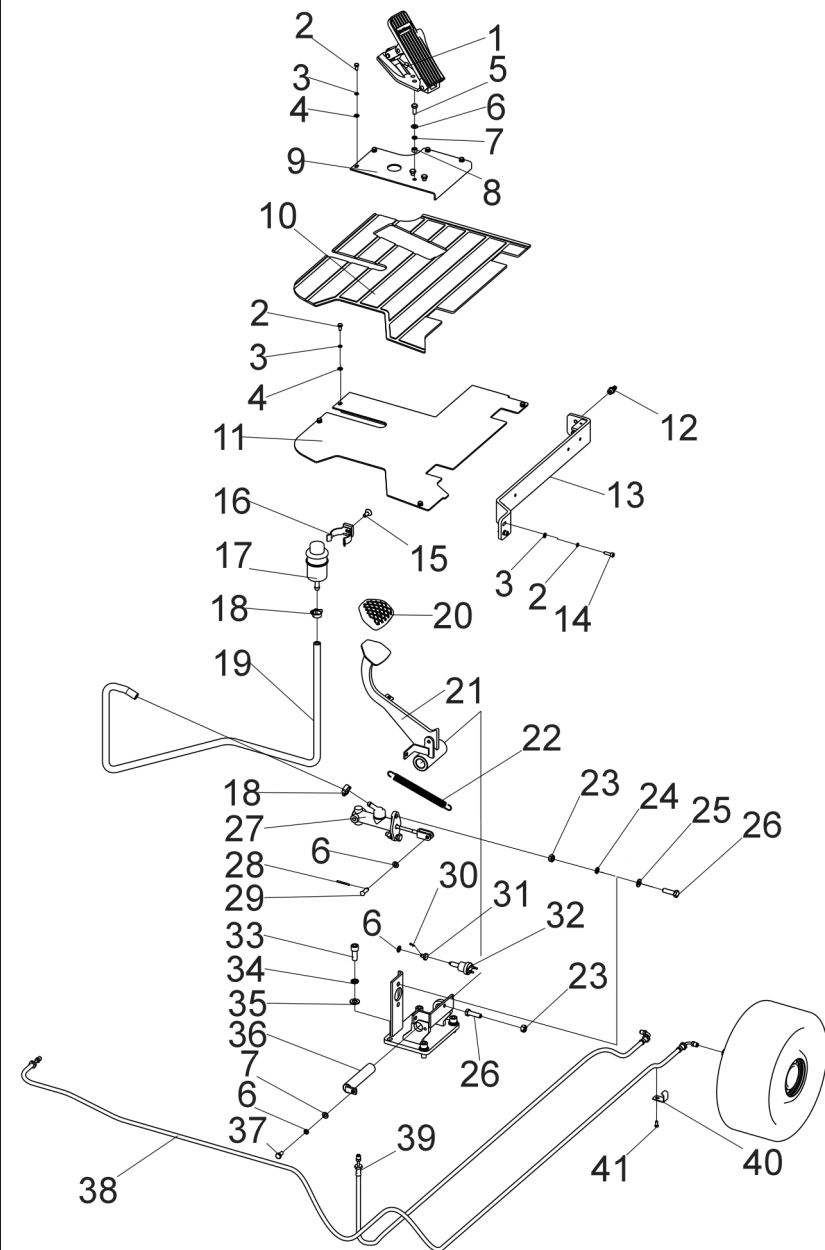
承重轮组件

[illegible]

1.3 Steering Wheel Assembly 方向盘总成

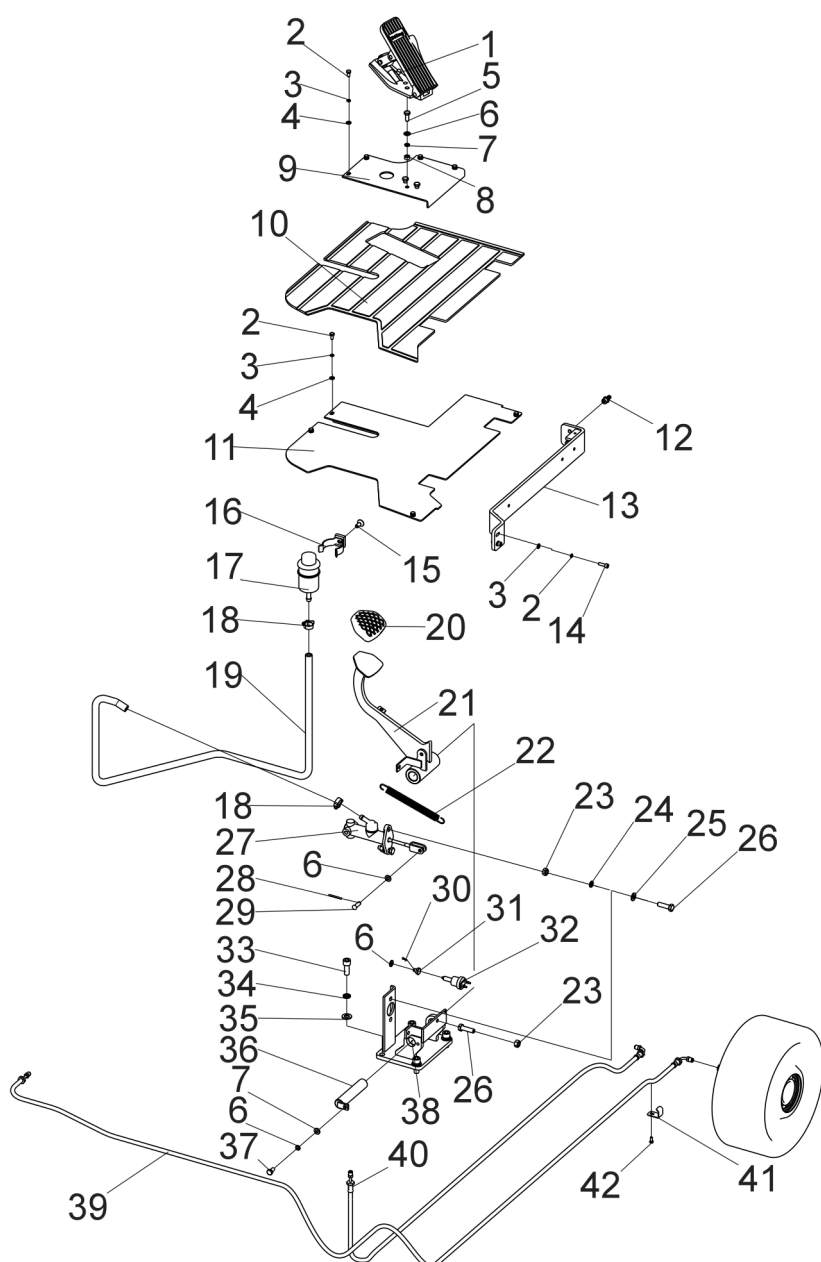
[illegible]

1.4 Pedal Assembly
踏板总成



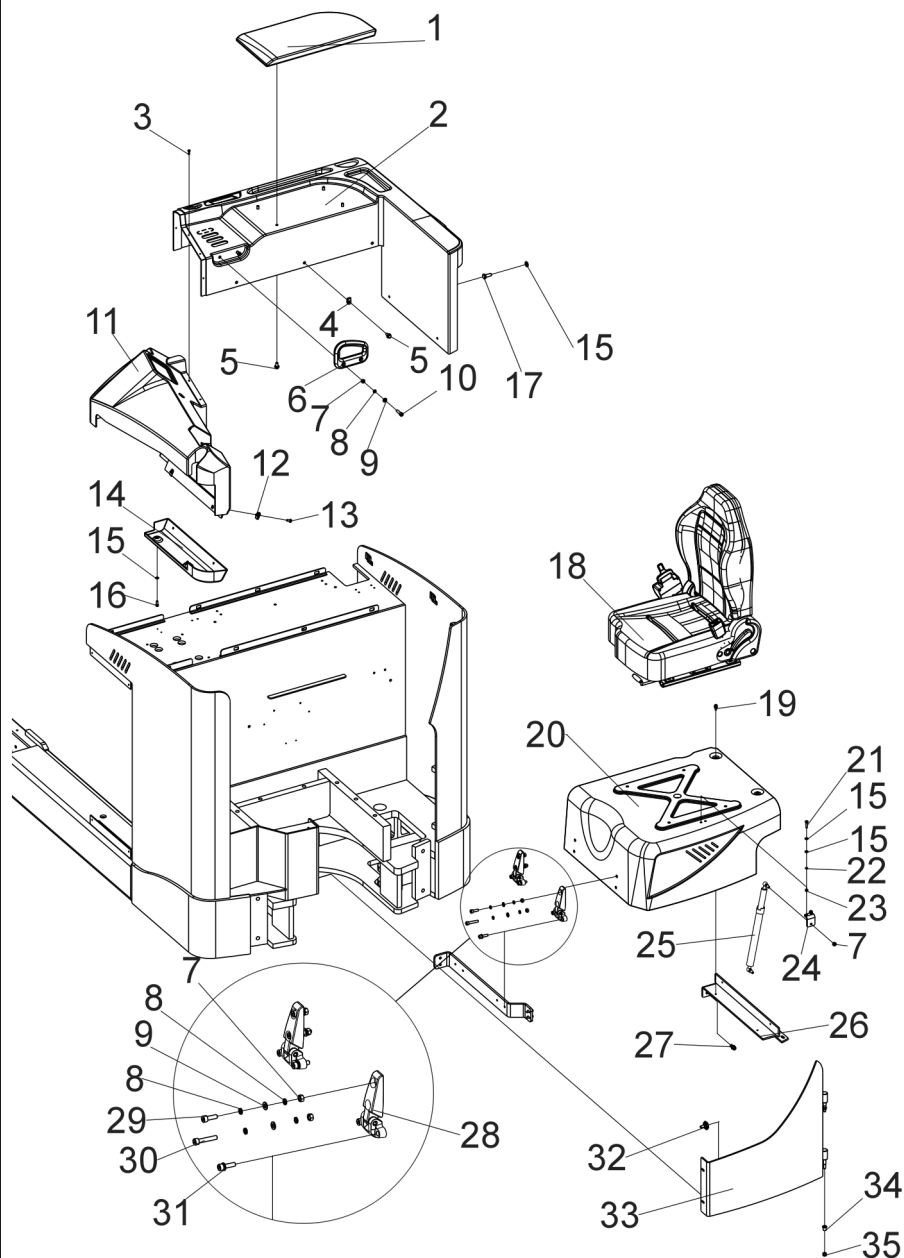
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	70132000005	Accelerator 加速器	1		
2	30101060008	Bolt M6×12 螺栓	10		03.0918
3	30411060002	Lock Washer Φ6 弹垫	10		03.0011
4	30401060001	Flat washer Φ6 平垫	8		03.00512
5	30101080003	Bolt M8×20 螺栓	3		03.0357
6	30401080001	Flat washer Φ8 平垫	6		03.0050
7	30411080002	Lock Washer Φ8 弹垫	4		03.0012
8	30301080001	Nut M8 螺母	3		03.0258
9	20203001202	Support Seat 支撑座	1		30.54.0034
10	54316000050	Non-slip Mats 防滑垫	1		
11	20203001398	Pedal 踏板	1		30.54.0030
12	30201080022	Screw M8×20 螺钉	2		03.0817
13	20203000816	Pedal Bracket 踏板支架	1		30.05.265
14	30201060021	Screw M6×20 螺钉	2		03.0149
15	30251080028	Screw M8×20 螺钉	1		03.0092
16	20204000888	Hoops 油壶抱箍	1		30.25.0054
17	54308000001	Oil Jugs 油壶	1		02.01.9069
18	54012000005	Hoops 抱箍	2		03.0813
19	40111100006	Vita 制动油管	1		
20	55602000002	Pedal Pads 踏板垫	1		02.01.3293
21	55701000005	Brake Pedal 制动踏板	1		02.01.9224
22	50402000007	Tension Springs 脚制动拉簧	1		
23	30301100003	Nut M10 螺母	2		03.0259
24	30411100002	Lock Washer Φ10 弹垫	2		03.0014
25	30401100002	Flat washer Φ10 平垫	2		03.00513
26	30101100004	Bolt M10×35 螺栓	2		30.35.0300
27	40421000003	Master Pump 制动总泵	1		02.01.3285
28	30511032005	3.2×28 开口销	1		03.0861
29	30511080001	Pin Shaft 销轴	1		03.0913

1.4 Pedal Assembly
踏板总成



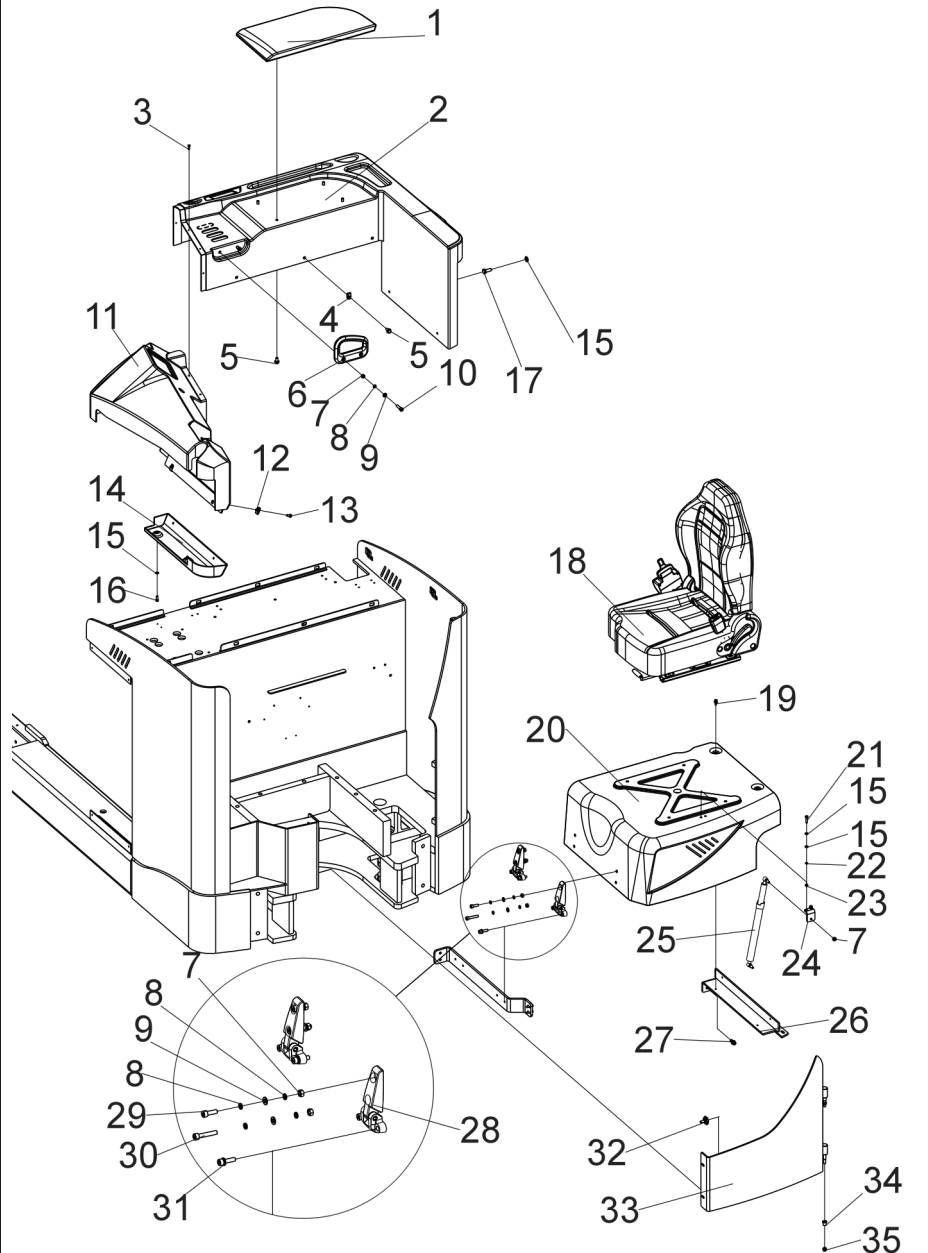
Item	Part No.	Description	Qty	Applied Date	Remark
序号	代码	名称	数量	适用日期	备注
30	30511025001	Cotter Pins 2.5×20 开口销	1		03. 0336
31	20204001005	Limit Blocks 微动开关限位块	1		30. 25. 0226
32	70103000011	Micro Switches 微动开关	1		02. 01. 2296
33	30201120010	Screw M12×30 螺钉	4		03. 0171
34	30411120003	Lock Washer Φ12 弹垫	4		03. 0015
35	30401120001	Flat washer Φ12 平垫	4		03. 00514
36	50105250007	Shaft 脚制动耳板轴	1		33. 021. 0007
37	30101080004	Bolt M8×16 螺栓	1		30. 35. 0299
38	20104010101	Bracket 支架	1		33. 021. 0005
39	40132000005	Brake Hoses 制动胶管	1		02. YYL. 20309
40	40132000002	Brake Hoses 制动胶管	1		02. YYL. 20308
41	20203001226	Platen 压板	2		30. 54. 0058
42	30101050010	Bolt M5×12 螺栓	2		03. 0911

1.5 Cover Assembly
覆盖件总成



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	5441000010	Hand Cushions 靠手垫	1		30. 54. 0004
2	54302000218	Upper Mask Right 上面罩右	1		02. FGJ. 0236
3	30211050013	Screw M5×8 螺钉	4		03. 02260
4	30351080010	Nut M8 卡扣螺母	8		03. 1225
5	30101080006	Bolt M8×16 螺栓	12		03. 0313
6	54304000006	Armrest 扶手	1		30. 54. 0003
7	30301080001	Nut M8 螺母	5		03. 0258
8	30411080002	Lock Washer Φ8 弹垫	6		03. 0012
9	30401080001	Flat washer Φ8 平垫	4		03. 0050
10	30201080006	Screw M8×30 螺钉	2		03. 01571
11	54302000217	Upper Mask Left 上面罩左	1		02. FGJ. 0235
12	30351060005	Nut M6 卡扣螺母	2		03. 0587
13	30211060008	Screw M6×16 螺钉	2		03. 0228
14	54302000219	Lower Hood 下罩	1		02. FGJ. 0237
15	30401060001	Flat washer Φ6 平垫	8		03. 00512
16	30201060020	Screw M6×16 螺钉	2		03. 0147
17	30101060012	Bolt M6×16 螺栓	2		03. 04110
18	54411000005	Seat Assembly 座椅总成	1		17. 0070
19	30201060037	Screw M6×16 螺钉	2		03. 0934
20	54302000255	Seat Covers 座椅盖板	1		02. FGJ. 3395
21	30101060002	Bolt M6×25 螺栓	2		30. 35. 0298
22	30411060002	Lock Washer Φ6 弹垫	2		03. 0011
23	30301060001	Nut M8 螺母	2		03. 0257
24	20203001228	Bent Plates 弯板	1		30. 54. 0060
25	50407000047	Gas Spring Assembly 气弹簧组件	1		
26	20203001217	Bent Plates 弯板	1		30. 54. 0049
27	30201080022	Screw M8×20 螺钉	2		03. 0817
28	56002000001	Forklift Hinges 叉车铰链	2		02. 01. 3000
29	30201080005	Screw M8×25 螺钉	4		03. 01560

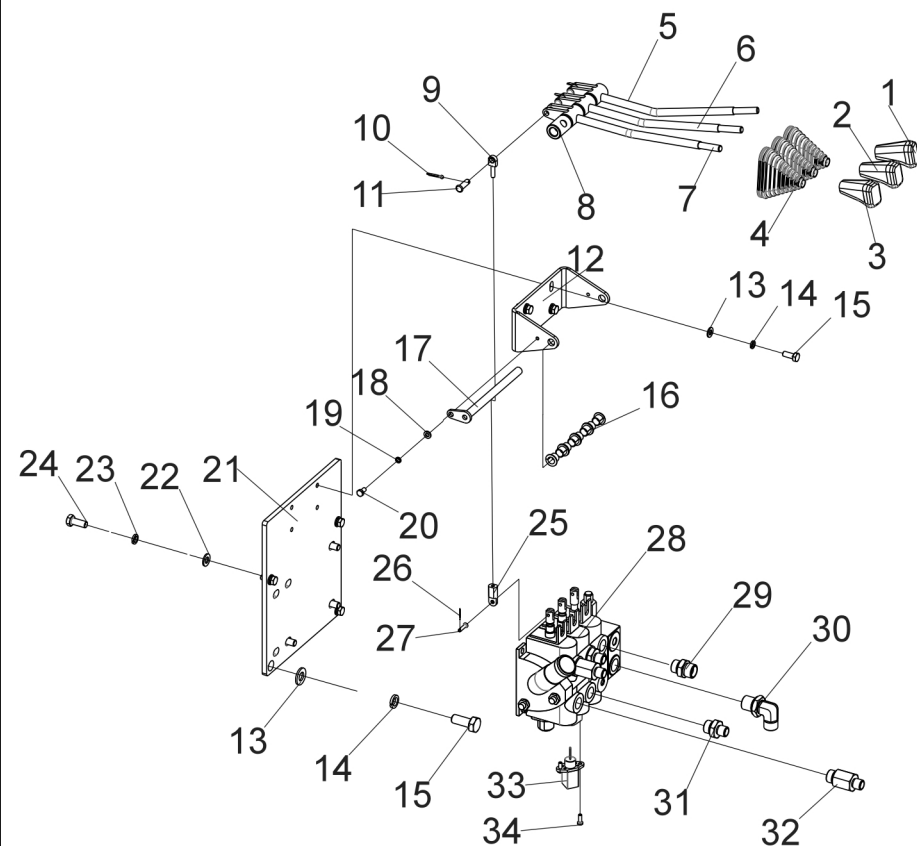
1.5	Cover Assembly 覆盖件总成
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[illegible]

2.1 Driving Assembly
驱动总成

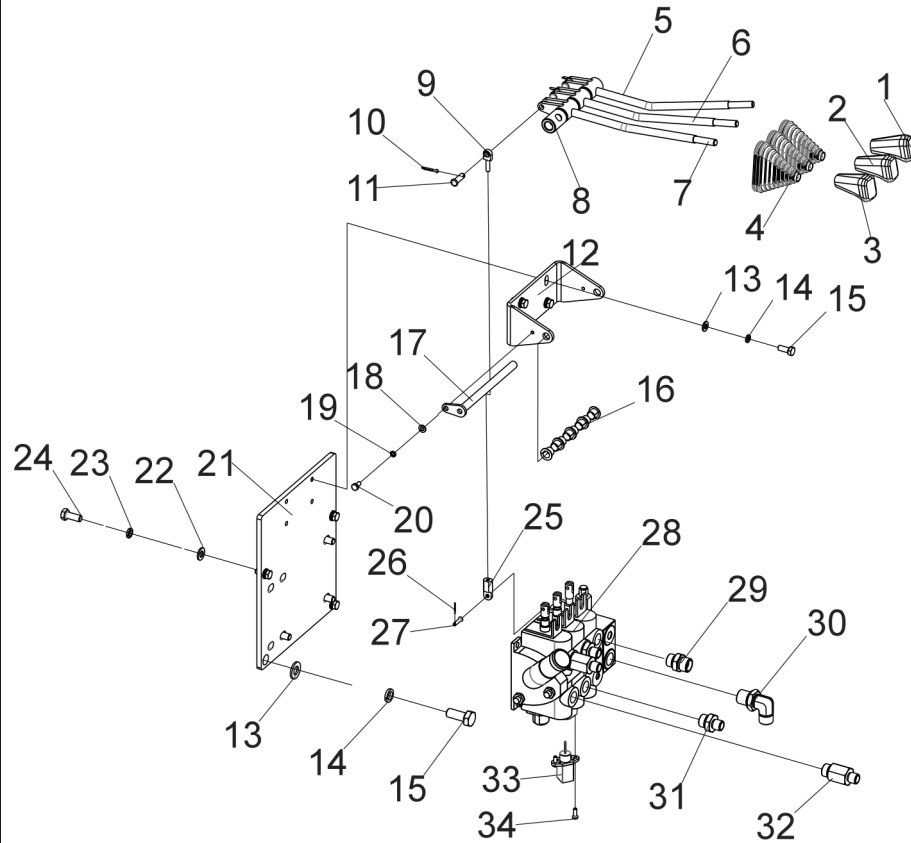
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
A	20303010238	Driving Assembly 驱动总成	1		
1	55704000005	Electromagnetic Brakes 电磁制动器	1		02.01.00532
2	70401000015	AC Motors 交流电机	1		02.DJ.00834
3	30201080034	Screw M8×45 螺钉	6		03.0160
4	30411080002	Lock Washer Φ8 弹垫	11		03.0012
5	30401080001	Flat washer Φ8 平垫	10		03.0050
6	70402000005	DC Steering Motors 直流转向电机	1		02.DJ.2109
7	30201080006	Screw M8×30 螺钉	4		03.01571
8	50301090001	Large Washers 大垫圈	1		30.05.277
9	30201080005	Screw M8×25 螺钉	1		03.01560
10	30201120015	Screw M12×50 螺钉	6		03.0189
11	30411120003	Lock Washer Φ12 弹垫	6		03.0015
12	70109000000	Proximity Switches 电感式接近开关	1		19.034653
13	30211040011	Screw M4×25 螺钉	2		03.0223
14	20203000664	Mounting Sleeves 安装套	1		57700001060
15	30201060038	Screw M6×12 螺钉	2		03.1231
16	54101000006	Riding Hoops Φ10 骑马卡	2		03.04611
17	30101160019	Bolt M16×65 螺栓	8		03.0388
18	30411160002	Lock Washer Φ16 弹垫	8		03.0017
19	30401160002	Flat washer Φ16 平垫	10		03.0047
20	20203000993	Drive Baseplate 驱动底板	1		30.54.0005
21	30251060028	Screw M6×20 螺钉	3		03.0088
22	20203000822	Induction Bar 感应条	1		30.05.276
23	52102000002	Transmission Assembly 变速箱总成	1		02.01.9166
24	51241000097	Wheel 轮子	1		02.QDL.0069
25	30111140004	Bolt M14×30 螺栓	7		03.0980

2.201 Multi-way Valves Components(Triptych)
多路阀组件(三联)

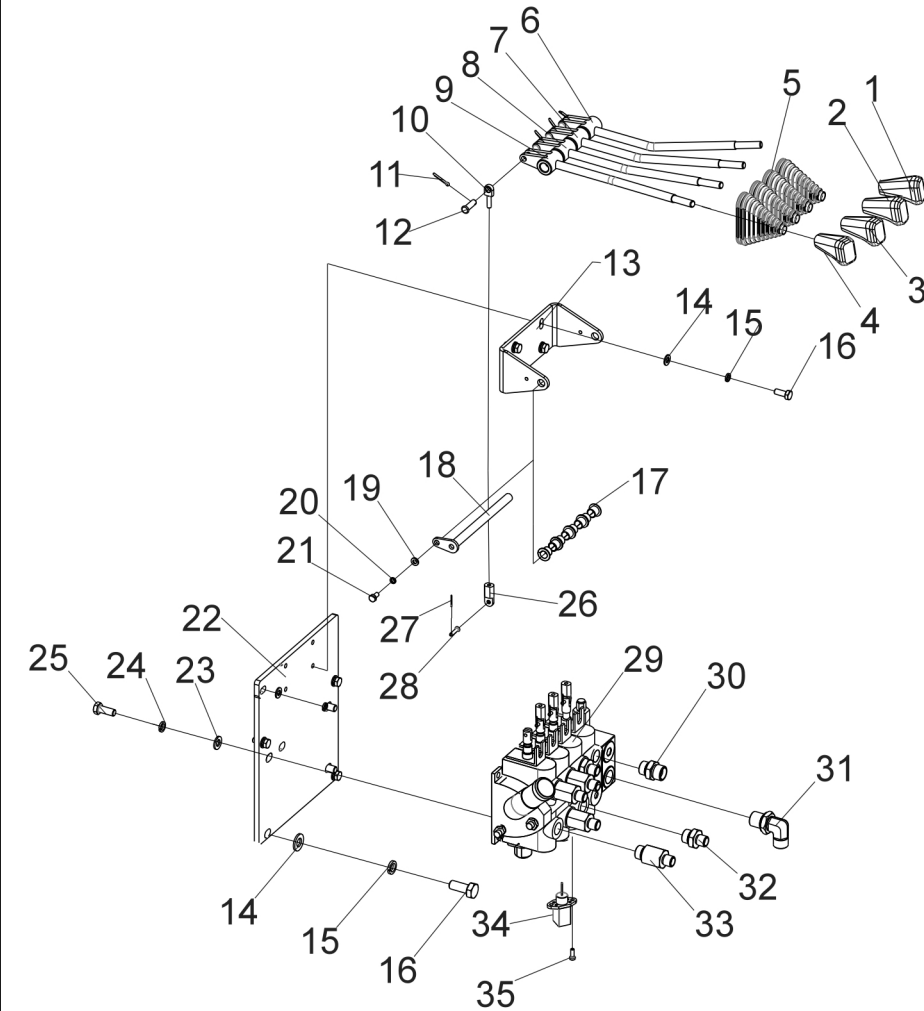


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	54301000002	Lifting Handle 起升手柄	1		02.01.3362
2	54301000004	Forward Handle 前移手柄	1		02.01.3363
3	54301000006	Tilt Handle 倾斜手柄	1		02.01.3364
4	54307000008	Waterproof Sheath 防水护套	3		02.01.2241
5	20103010219	Lifting Handle Rod 升降操纵杆	1		
6	20103010221	Forward Handle Rod 前后移操纵杆	1		
7	20103010220	Handle Rod 前倾后仰操纵杆	1		
8	20203001306	Move The Sleeve Forward 前移套筒	1		
9	20203000706	Screw 调节螺杆	3		
10	30511032004	Cotter Pin 开口销	3		03.0860
11	30511080001	Pin Shaft 8×25 销轴-B	3		03.0913
12	20203001207	Bracket 支架	1		30.54.0039
13	30401080001	Flat washer Φ8 平垫	4		03.0050
14	30411080002	Lock Washer Φ8 弹垫	4		03.0012
15	30101080003	Bolt M8×20 螺栓	4		03.0357
16	54001000005	Bushing Φ14×Φ12×11 带肩复合套	8		03.04561
17	50105120002	Pin Shaft 销轴	1		33.020.0003
18	30401060001	Flat washer Φ6 平垫	1		03.00512
19	30411060002	Lock Washer Φ6 弹垫	1		03.0011
20	30101060008	Bolt M6×12 螺栓	1		03.0918
21	20203001208	Multi-way Valve Plates 多路阀板	1		30.54.0040
22	30401100002	Flat washer Φ10 平垫	4		03.00513
23	30411100002	Lock Washer Φ10 弹垫	4		03.0014
24	30101100019	Bolt M10×25 螺栓	4		03.0847
25	20203000707	Connecting Rod 连杆	3		
26	30511010001	Cotter Pin 开口销	3		03.1224
27	30511045002	Pin Shaft 4.5×20 销轴-B	3		03.0317
28 01	40404000018	Multi-way Valve Plates 多路阀(三联)	1	-250416	02.DLF.0326
28 02	40404000028	Multi-way Valve Plates 多路阀(三联)	1	250416-	

2.201 Multi-way Valves Components(Triptych)
多路阀组件(三联)

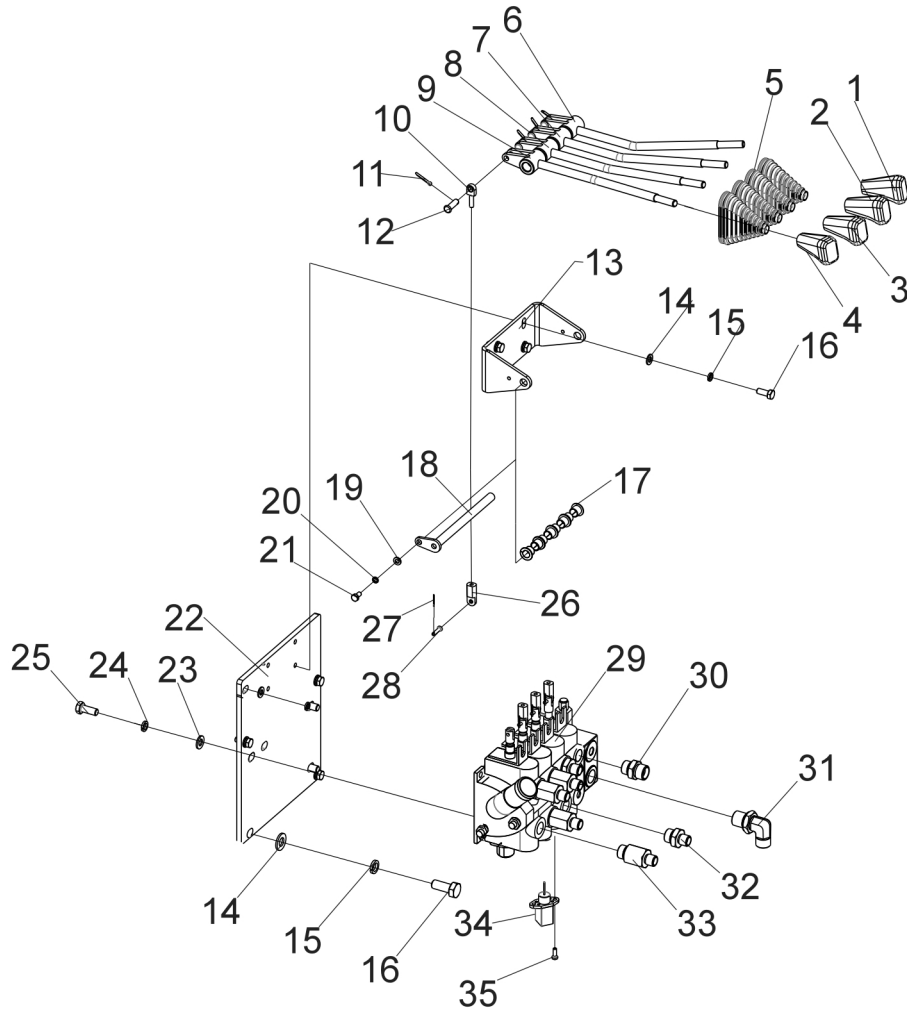
[illegible]

2.301 Multi-way Valves Components(Quadruple)
多路阀组件(四联)

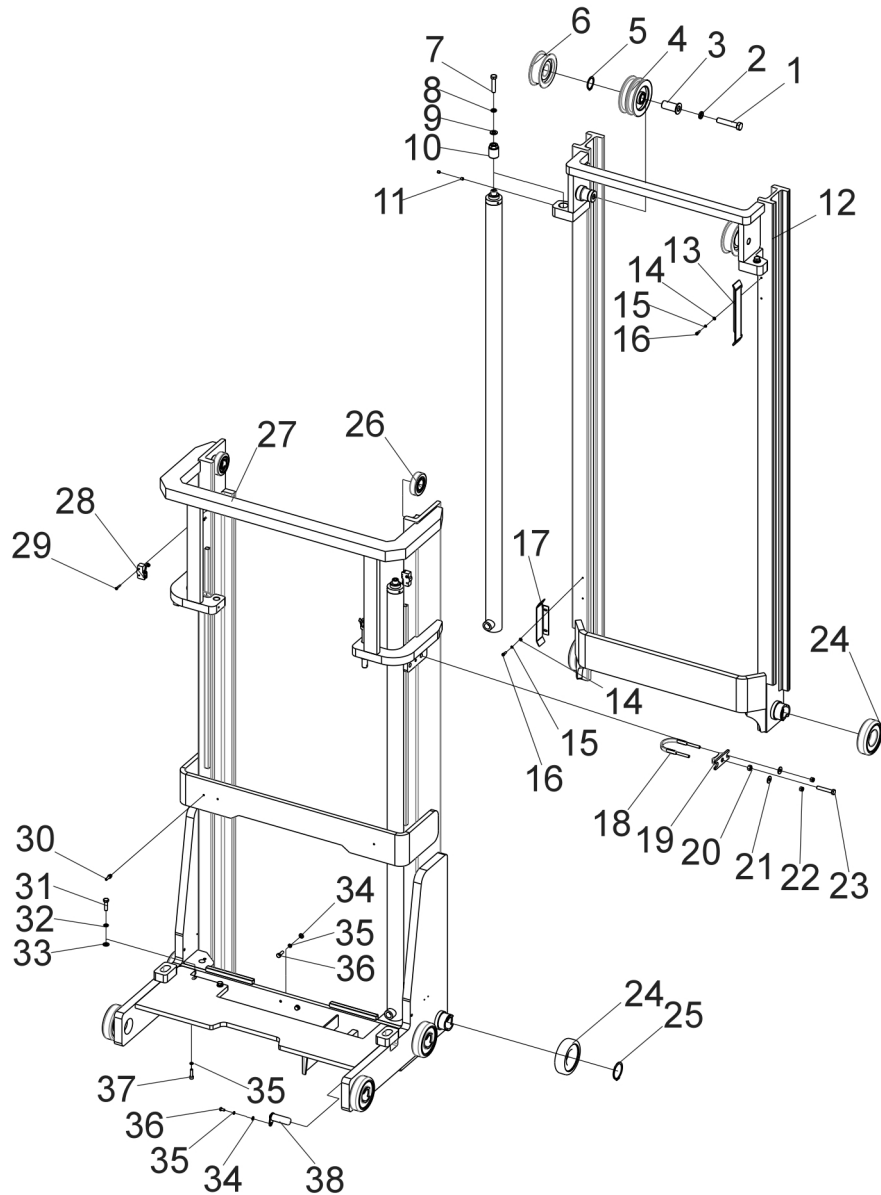


Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	54301000002	Lifting Handle 起升操作手柄头	1		02.01.3362
2	54301000006	Tilt Handle 倾斜操作手柄头	1		02.01.3364
3	54301000004	Forward Handle 前移操作手柄头	1		02.01.3363
4	54301000007	Side shift Handle 侧移操作手柄头	1		02.01.3532
5	54307000008	Waterproof Sheath 防水护套	3		02.01.2241
6	20103010219	Lifting Handle Rod 升降操纵杆	1		
7	20103010221	Forward Handle Rod 前后移操纵杆	1		
8	20103010220	Tilt Handle Rod 前倾后仰操纵杆	1		
9	20103010222	Side shift Handle Rod 侧移操纵杆	1		
10	20203000706	Screw 调节螺杆	3		
11	30511032004	Cotter Pin 开口销	3		03.0860
12	30511080001	Pin Shaft 8×25 销轴-B	3		03.0913
13	20203001207	Bracket 支架	1		30.54.0039
14	30401080001	Flat washer Φ8 平垫	4		03.0050
15	30411080002	Lock Washer Φ8 弹垫	4		03.0012
16	30101080003	Bolt M8×20 螺栓	4		03.0357
17	54001000005	Bushing Φ14×Φ12×11 带肩复合套	8		03.04561
18	50105120002	Pin Shaft 销轴	1		33.020.0003
19	30401060001	Flat washer Φ6 平垫	1		03.00512
20	30411060002	Lock Washer Φ6 弹垫	1		03.0011
21	30101060008	Bolt M6×12 螺栓	1		03.0918
22	20203001208	Multi-way Valve Plates 多路阀板	1		30.54.0040
23	30401100002	Flat washer Φ10 平垫	4		03.00513
24	30411100002	Lock Washer Φ10 弹垫	4		03.0014
25	30101100019	Bolt M10×25 螺栓	4		03.0847
26	20203000707	Connecting Rod 连杆	3		
27	30511010001	Cotter Pin 开口销	3		03.1224
28	30511045002	Pin Shaft 4.5×20 销轴-B	3		03.0317
29	01 40404000019	Multi-way Valve Plates 多路阀(四联)	1	-250416	02.DLF.0327

2.301	Multi-way Valves Components (Quadruple) 多路阀组件 (四联)
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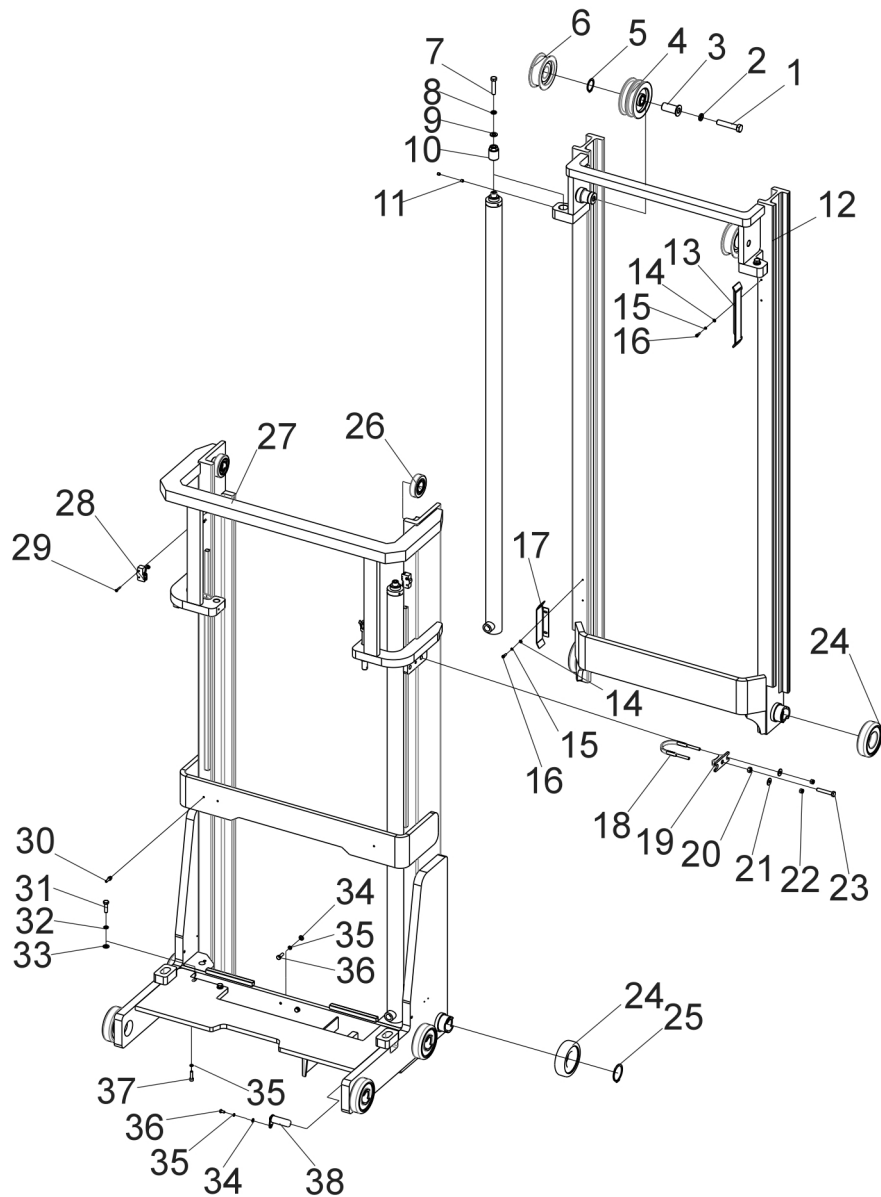
3.1 Two-stage Mast Assembly
两级门架总成



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	30101160020	Bolt M16×80 螺栓	1		03.0390
2	30411160002	Lock Washer Φ16 弹垫	1		03.0017
3	50301165003	Shaft Sleeve 轴套	1		30.05.001
4	51107000006	Sprocket Wheel 油管链轮	1		30.05.181
5	30421400001	Cir clip For Shaft Φ40 轴用挡圈	2		03.0070
6	51106000009	Mast Sprockets 门架链轮	2		30.01.2980
7	30101120001	Bolt M12×55 螺栓	2		03.1168
8	30411120003	Lock Washer Φ12 弹垫	2		03.0015
9	30401120001	Flat Washer Φ12 平垫	2		03.00514
10	50201330001	Bolt 油缸调节螺栓	1		30.03.051
11	30221080005	Screw M8×12 螺钉	2		03.0278
12	20103010245	Inner Mast 内门架	1		
13	20203001357	Limit Plates 限位板	1		
14	30401050001	Flat Washer Φ5 平垫	2		03.00511
15	30411050001	Lock Washer Φ5 弹垫	2		03.00132
16	30201050011	Screw M5×16 螺钉	2		03.0133
17	20202000856	Limit Plates 限位板	1		30.01.2849
18	50202080001	Bolt U 型螺栓	2		02.01.3514
19	54202000016	Support Blocks 油缸支撑块	2		19.0595
20	30301100003	Nut M10 螺母	2		03.0259
21	30401080003	Large wash Φ8 大垫圈	4		03.0005
22	30311080001	Nut M8 螺母	4		03.0244
23	30101100005	Bolt M10×60 螺栓	2		03.03820
24	51102000014	Main Scroll Wheel 主滚轮	2		02.01.30740
25	30421550001	Cir clip For Shaft Φ55 轴用挡圈	4		03.0679
26	51101000001	Combination Wheels 组合滚轮	2		
27	20103010246	Outer Mast 外门架	1		
28	70103000001	Switch 微动开关	3		02.01.2182

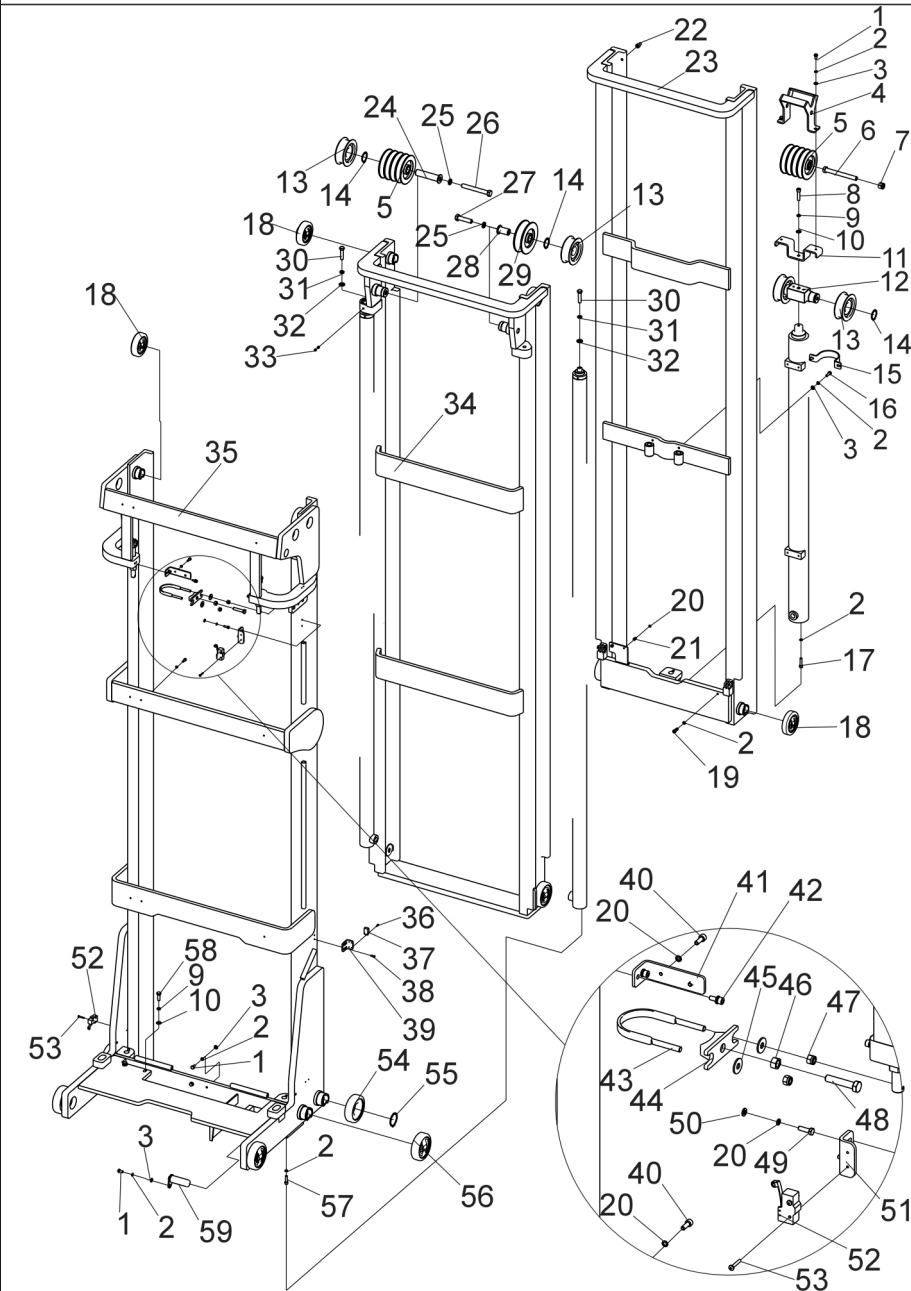
3.1 Two-stage Mast Assembly

两级门架总成

[illegible]

3.2 Three-stage Mast Assembly

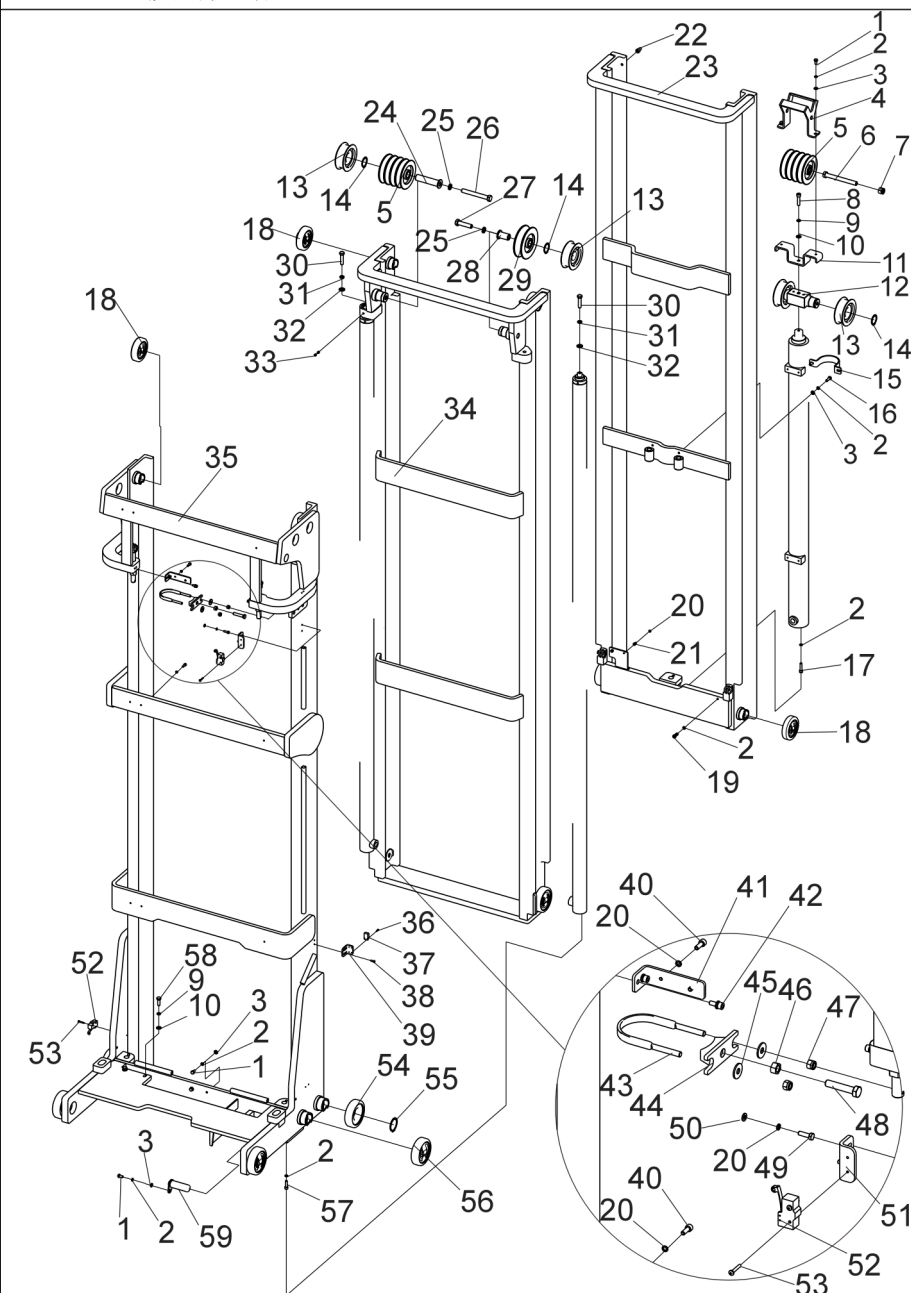
三级门架总成



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	30101080006	Bolt M8×16 螺栓	5		03.0613
2	30411080002	Lock Washer Φ8 弹垫	11		03.0012
3	30401080001	Flat Washer Φ8 平垫	7		03.0050
4	20103010089	Tubing Wheel Frame 油管轮架	1		33.019.0032
5	51107000007	Tubing Sprockets 油管链轮	2		30.05.207
6	30101160028	Bolt M16×150 螺栓	1		03.0400
7	30311160001	Nut M16 螺母	1		03.0247
8	30201100026	Screw M10×45 螺钉	1		03.0169
9	30411100002	Lock Washer Φ10 弹垫	3		03.0014
10	30401100002	Flat Washer Φ10 平垫	3		03.00513
11	20203001373	Plate 底板	1		
12	20207000091	Top Seat 顶座	1		30.23.0009
13	51106000009	Mast Sprockets 门架链轮	4		30.01.2980
14	30421400001	Cir clip For Shaft Φ40 轴用挡圈	4		03.0070
15	20207000126	Hoops 油缸抱箍	1		30.23.0048
16	30101080005	Bolt M8×25 螺栓	2		03.0773
17	30201080032	Screw M8×35 螺钉	1		03.0158
18	51101000023	Combination Roller 组合滚轮	6		
19	30201080004	Screw M8×20 螺钉	1		03.01550
20	30411060002	Lock Washer Φ6 弹垫	14		03.0011
21	30201060024	Screw M6×10 螺钉	2		03.0175
22	30201100021	Screw M10×6 螺钉	2		03.0162
23	20103010212	Inner Mast Frame 内门架	1		
24	50301165004	Sleeve 轴套	1		30.05.217
25	30411160002	Lock Washer Φ16 弹垫	2		03.0017
26	30101160027	Bolt M16×130 螺栓	1		03.0398
27	30101160019	Bolt M16×65 螺栓	1		03.0388
28	50301165005	Sleeve 轴套	1		30.05.218

3.2 Three-stage Mast Assembly

三级门架总成



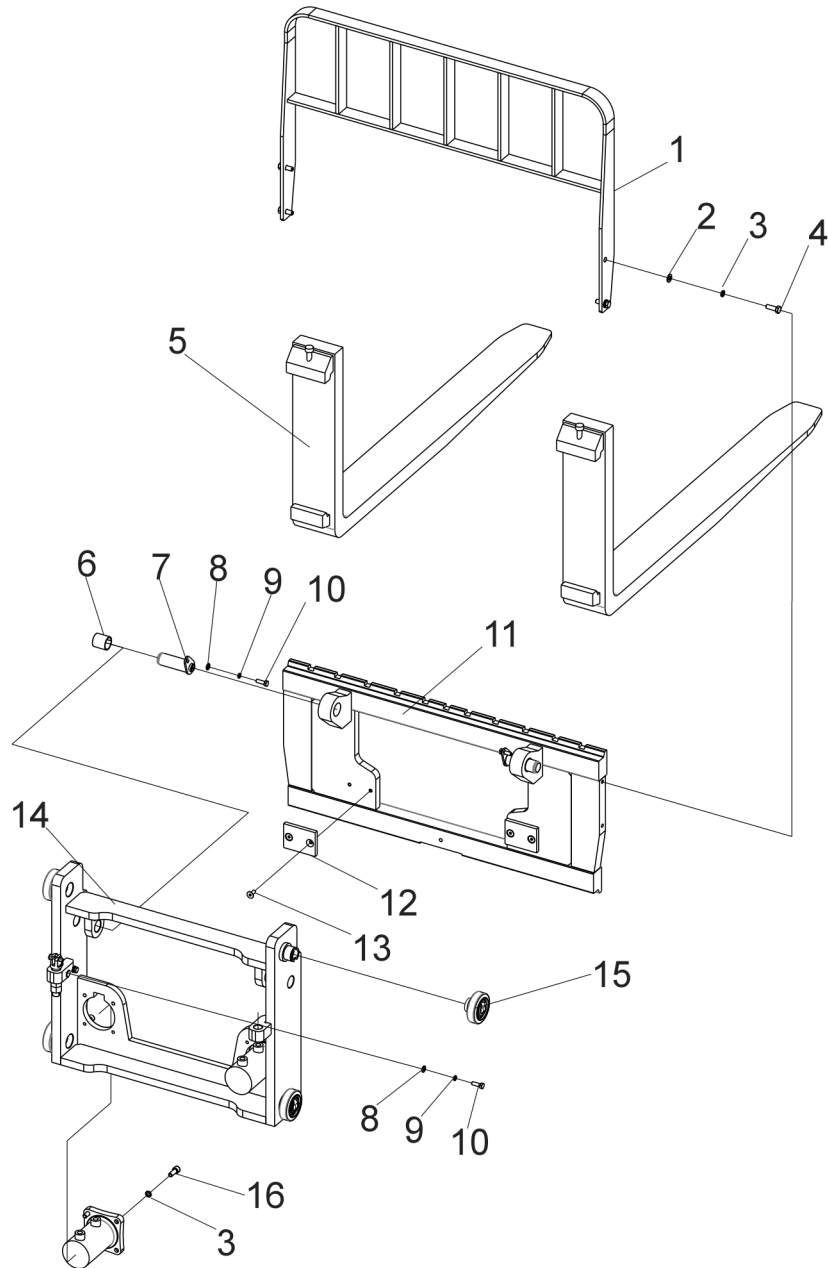
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
29	51107000008	Tubing Sprockets 油管链轮	1		30.05.216
30	30101120036	Bolt M12×50 螺栓	2		03.0387
31	30411120003	Lock Washer Φ12 弹垫	2		03.0015
32	30401120001	Flat Washer Φ12 平垫	2		03.00514
33	30221080007	Screw M8×8 螺钉	2		03.0269
34	20103010211	Medium Mast Frame 中门架	1		
35	20103010213	Outer Mast Frame 外门架	1		
36	30211030008	Screw M3×12 螺钉	2		03.05364
37	70109000002	Proximity Switches 接近开关	1		19.0524
38	30211050015	Screw M5×16 螺钉	2		03.0232
39	20202000762	Mounting Bracket 开关安装架	1		
40	30201060020	Screw M6×16 螺钉	6		03.0147
41	20203001234	Mounting bracket 安装支架	1		30.54.0066
42	30201060037	Screw M6×16 螺钉	2		03.0934
43	50202080001	U-bolts U型螺栓	2		02.01.3514
44	54202000016	Block 油缸支撑块	2		19.0595
45	30401080003	Large Washers 大垫圈	4		03.0005
46	30301100003	Nut M10 螺母	2		03.0259
47	30311080001	Nut M8 螺母	4		03.0244
48	30101100015	Bolt M10×50 螺栓	2		03.0909
49	30101060011	Bolt M6×20 螺栓	2		03.0410
50	30401060001	Flat Washer Φ6 平垫	2		03.00512
51	20203000308	Plate 微动开关板	1		
52	70103000001	Micro Switches 微动开关	2		02.01.2182
53	30211040011	Screw M4×25 螺钉	4		03.0223
54	51102000014	Main Scroll Wheel 主滚轮	2		02.01.30740
55	30421550001	Cir clip For Shaft Φ55 轴用挡圈	2		03.0679
56	51101000029	Combination Roller 组合滚轮	4		02.01.3616

3.2	Three-stage Mast Assembly 三级门架总成
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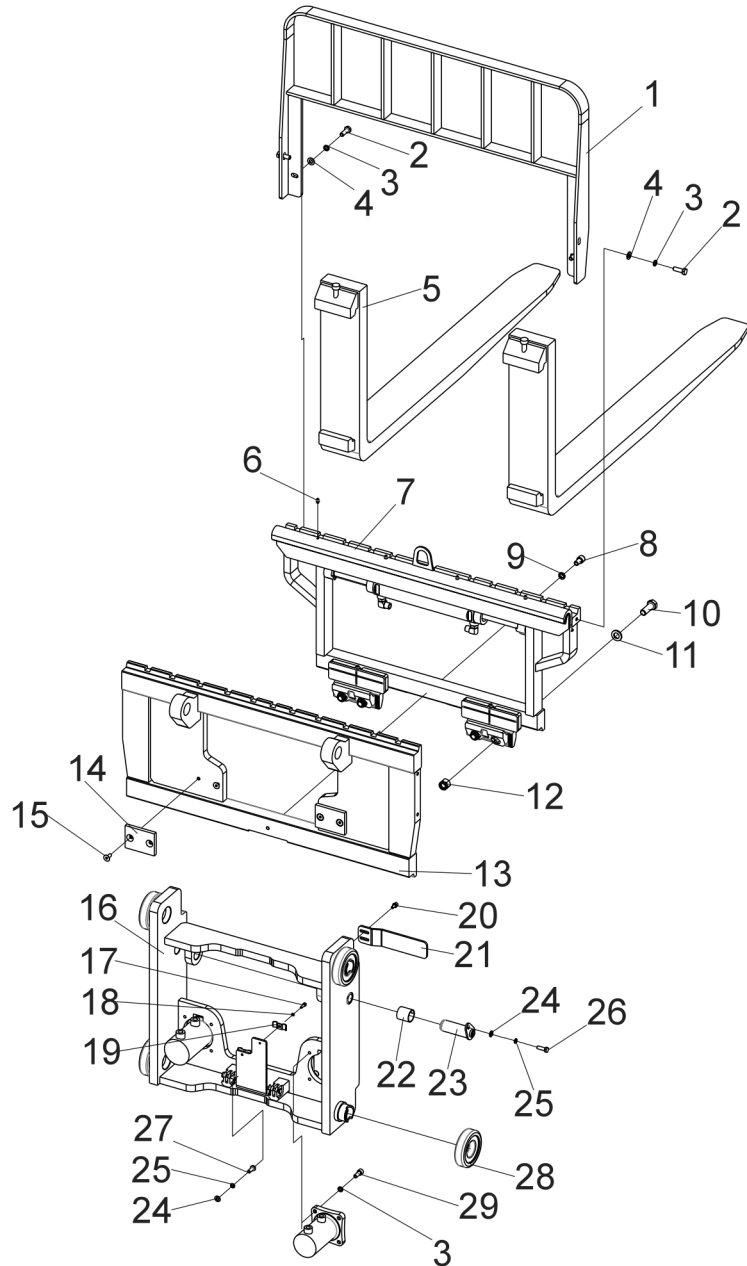
This technical drawing is an exploded view of a mechanical assembly, likely a piece of industrial equipment. The diagram shows the main frame and various components that attach to it, with each part labeled with a number. The main frame consists of two vertical rails (34, 35) and a base (53). A large circular component (36) is mounted on the frame. Various bolts, nuts, and washers (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 59) are shown in their respective positions. A detailed inset at the bottom right shows a close-up of a specific assembly point, highlighting the interaction between parts 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, and 53.

[illegible]

3.3 Carriage Assembly (Two-stage) 滑架总成（两级）

[illegible]

3.4 Carriage Assembly (Side shift) 滑架总成 (侧移)



Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	20103010216	Guardrail 护栏	1		
2	30101100002	Bolt M10×30 螺栓	4		30.35.0297
3	30411100002	Lock Washer Φ10 弹垫	12		03.0014
4	30401100002	Flat Washer Φ10 平垫	4		03.00513
5	53201000187	Forks 货叉	2		02.DDHC.32826
6	30821006001	Oil Cup 直通式压注油杯	6		03.0505
7	53211000005	Side shifter 侧移器	1		02.01.9324
8	30201120019	Screw M12×20 螺钉	1		03.0546
9	30411120003	Lock Washer Φ12 弹垫	1		03.0015
10	30101160015	Bolt M16×45 螺栓	4		03.0671
11	30401160002	Flat Washer Φ16 平垫	4		03.0047
12	30311160001	Nut M16 螺母	4		03.0247
13	20103010215	Fork Bracket 货叉支架	1		
14	20203000758	Slider 滑块	2		30.05.197
15	30251080028	Screw M8×20 螺钉	4		03.0092
16	20103010214	Carriage 滑架	1		
17	30201050011	Screw M5×16 螺钉	2		03.0133
18	30411050001	Lock Washer Φ5 弹垫	2		03.00132
19	20203000902	Cleat 夹板	2		30.52.0075
20	30201060037	Screw M6×16 螺钉	2		03.0934
21	20203001420	Switch Boards 开关板	1		
22	54002000048	Bushing Φ30×Φ34×35 复合套	2		03.04510
23	50105300007	Shaft 倾斜油缸销轴	2		33.019.0021
24	30401080001	Flat Washer Φ8 平垫	4		03.0050
25	30411080002	Lock Washer Φ8 弹垫	4		03.0012
26	30101080005	Bolt M8×25 螺栓	2		03.0773
27	30101080003	Bolt M8×20 螺栓	2		03.0357
28	51101000023	Combination Roller 组合滚轮	4		
29	30201100023	Screw M10×25 螺钉	8		03.0165

3.5	Combination Roller 组合滚轮
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[illegible]

3.6 Combination Roller 组合滚轮

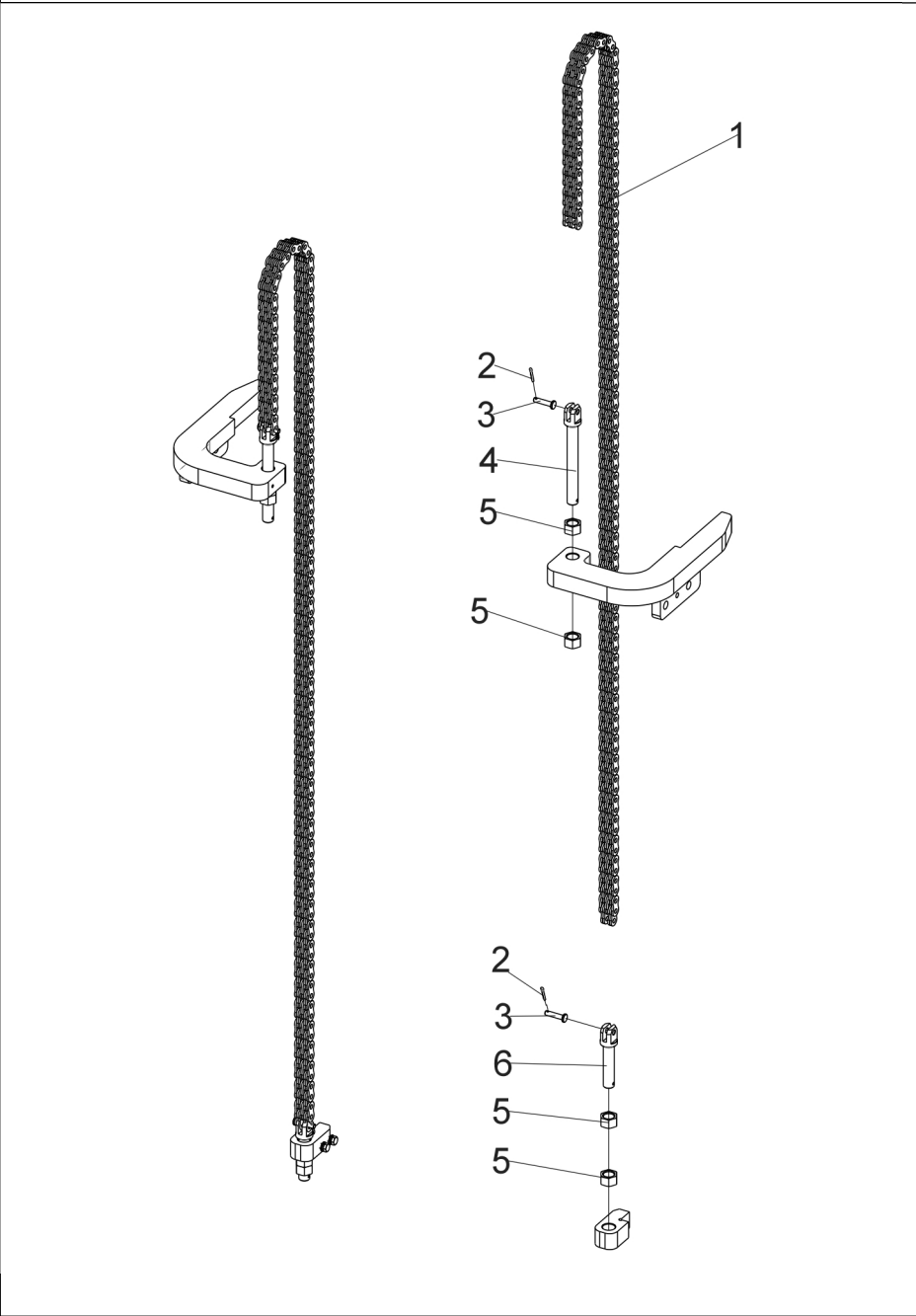
[illegible]

3.7	Combination Roller 组合滚轮
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[illegible]

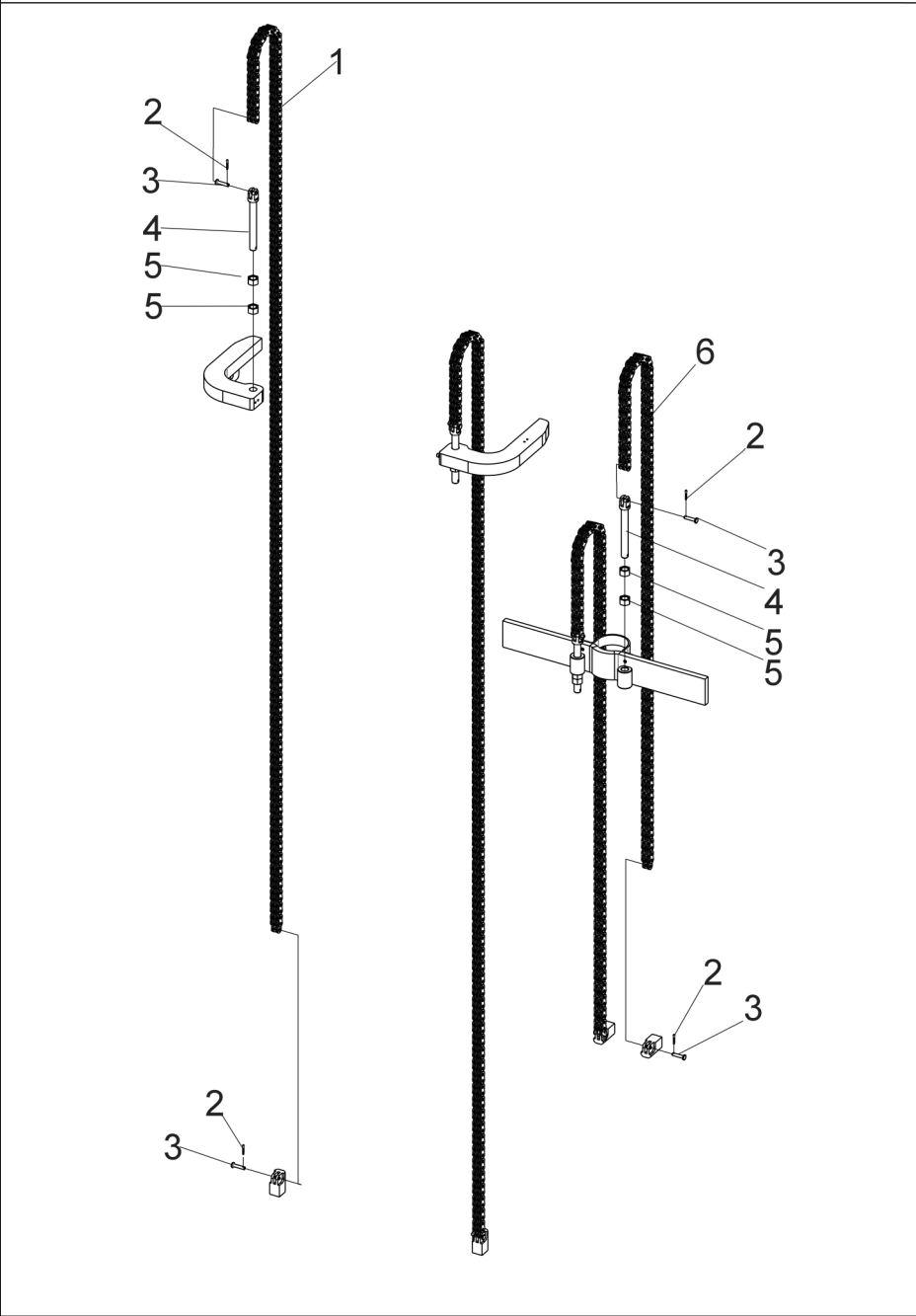
3.8 Chain Assembly (Two-stage)

链条总成 (两级)

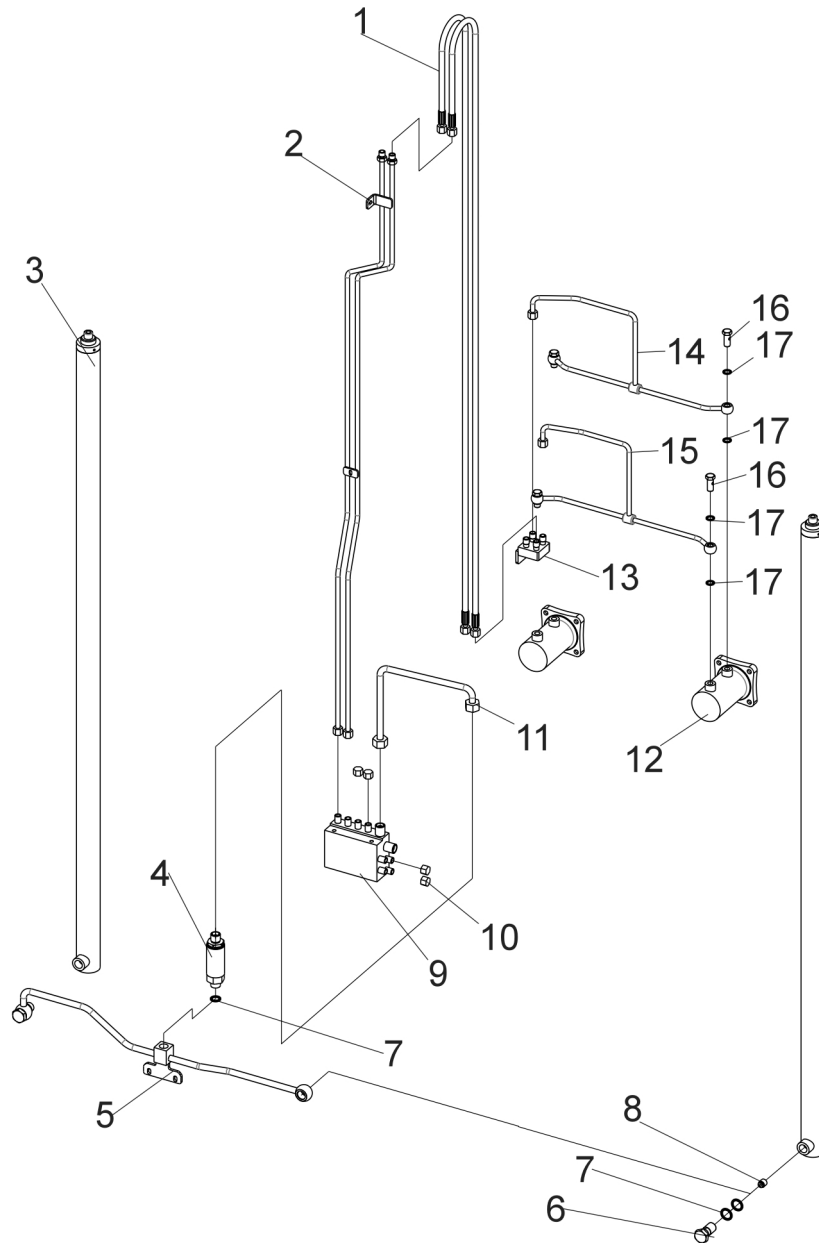
[illegible]

3.9 Chain Assembly (Three-stage)

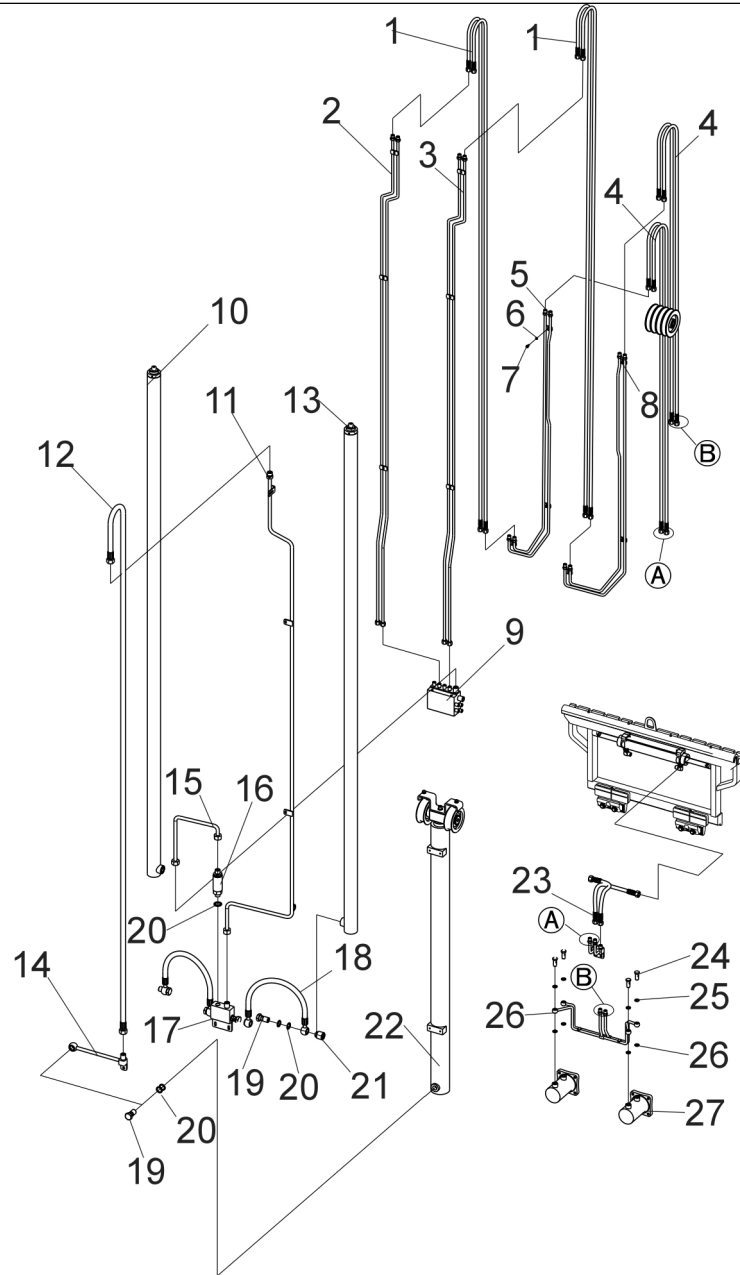
链条总成 (三级)

[illegible]

4.1 Mast Hydraulic Assembly (Two-stage) 门架液压总成（两级）

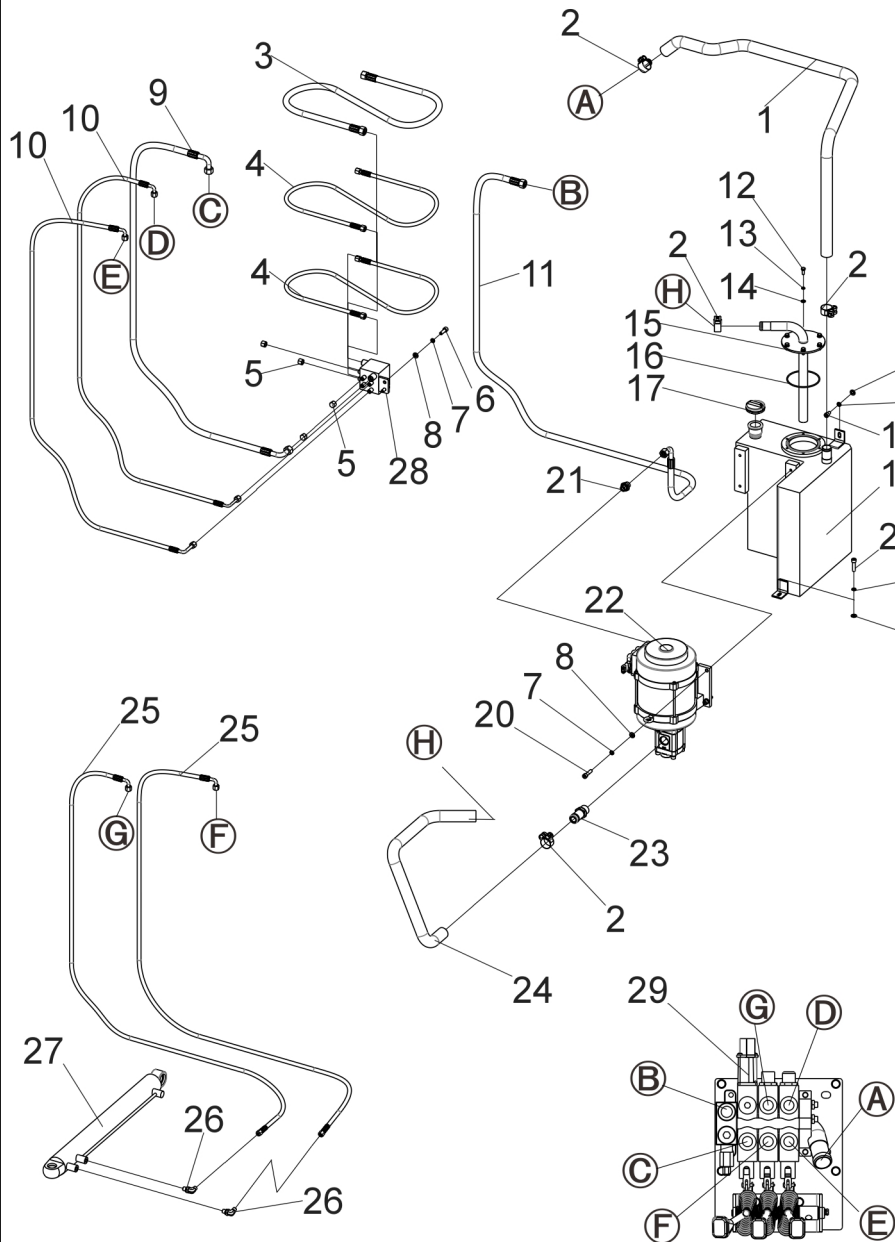
[illegible]

4.2 Mast Hydraulic Assembly (Three-stage)
门架液压总成 (三级)



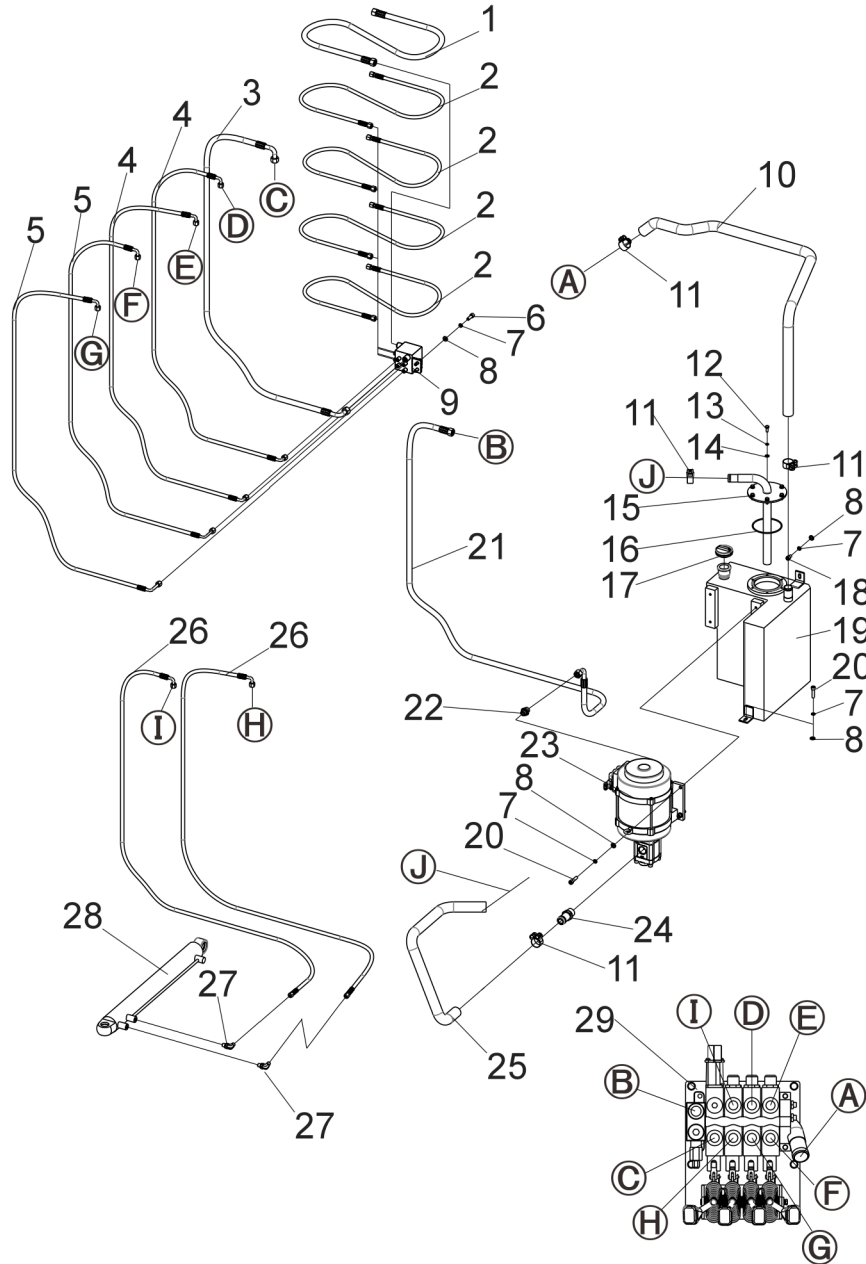
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	40101140218	Tilt The Hose 倾斜胶管	4		
2	40122000192	Steel Pipes 钢管	1		02. YYL. 3893
3	40122000193	Steel Pipes 钢管	1		02. YYL. 3894
4	40101140219	Hoses 胶管	4		02. YYL. 3892
5	40122000194	Steel Pipes 钢管	1		02. YYL. 3895
6	30411060002	Lock Washer Φ6 弹垫	4		03. 0011
7	30201060018	Screw M6×12 螺钉	4		03. 0145
8	40122000191	Steel Pipes 钢管	1		02. YYL. 3897
9	40207000012	Tubing Header 油管座	1		02. YYL. 2421
10	40301500247	Cylinder Assembly Left 外提升油缸组件左	2		
11	40121000347	Steel Pipes 钢管	1		02. YYL. 3896
12	40101220045	Lifting Hose 起升胶管	1		02. YYL. 3898
13	40301500264	Cylinder Assembly Right 外提升油缸组件右	1		02. YG. 3731
14	40121000346	Steel Pipes 钢管	1		02. YYL. 3873
15	40121000345	Steel Pipes 钢管	1		02. YYL. 3881
16	40405000016	Speed Limiting Valves 限速阀	1		02. 01. 01005
17	40207000043	Oil Separator 分油器	1		02. YYL. 3875
18	40103000001	Hoses 胶管	2		02. YYL. 3879
19	40204000019	Hollow Bolts 空心螺栓	5		02. 01. 32870
20	30803022001	Combination Gasket Φ22 组合密封垫	12		03. 0486
21	40405000024	Explosion Proof Valve 防爆阀	2		02. 01. 30480
22	40301750013	Lift Cylinder Assembly 内提升油缸组件	1		02. YG. 3681
23	40101160032	Side-shifted Tubing 侧移油管短	2		02. YYL. 2325
24	40204000011	Hollow Bolts 空心螺栓	4		02. 01. 30810
25	30803014001	Combination Gasket Φ14 组合密封垫	8		03. 0482
26	40207000003	Steel Pipes 钢管	1		02. YYL. 3871
27	40301630002	Tilt Cylinder Assembly 倾斜油缸组件	2		02. YG. 20411

4.3 Frame Hydraulic Assembly (Triple)
车身液压总成(三联)



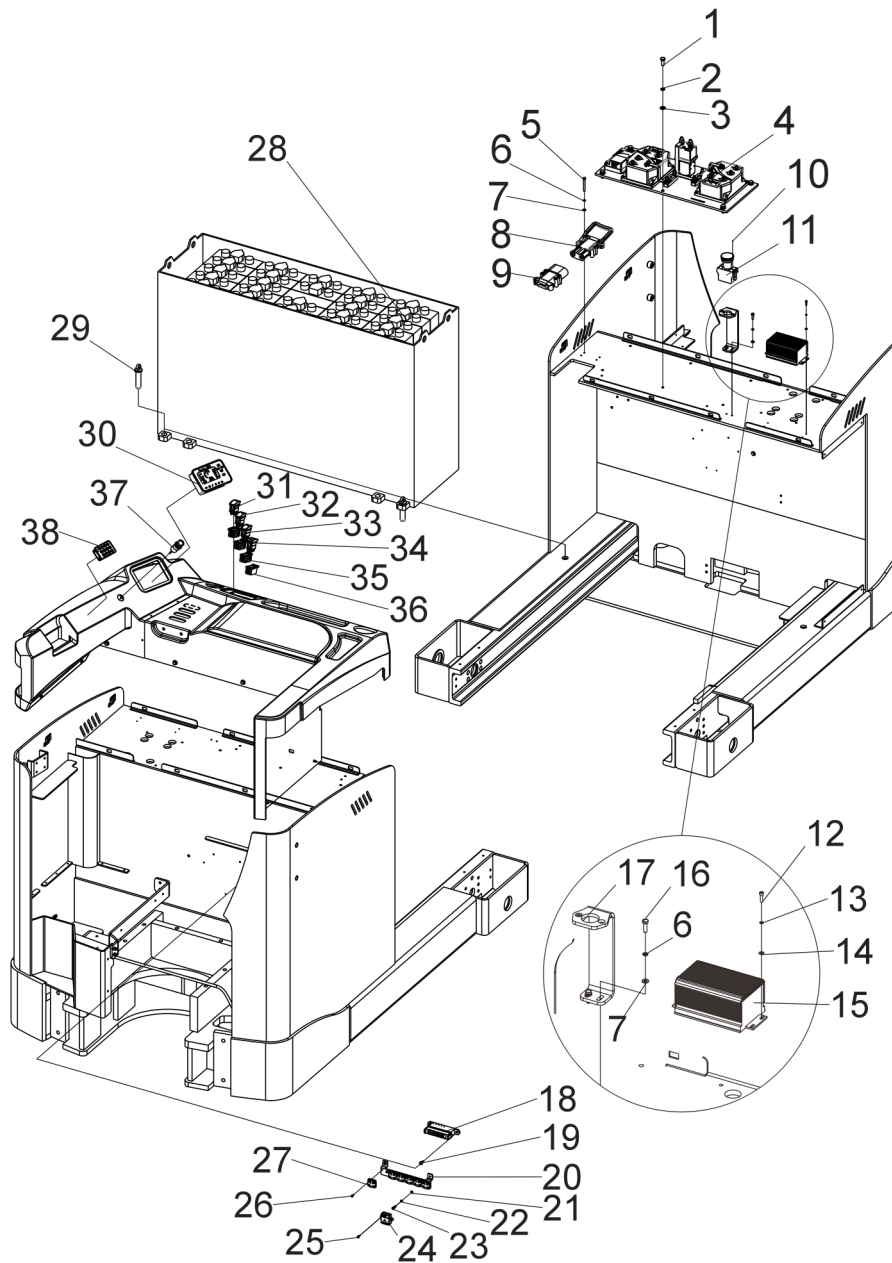
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	40111320002	Return Pipe (Triple) 回油管	1		02. YYL. 3724
2	54013000004	Hoops 油管抱箍	4		03. 05384
3	40101220007	Lifting Hose 起升胶管	1		02. YYL. 3242
4	40101140016	Tilt The Hose 倾斜胶管	2		02. YYL. 3243
5	40221000004	Screw Caps 螺盖	4		02. 01. 30821
6	30201100024	Screw M10×30 螺钉	2		03. 0166
7	30411100002	Lock Washer Φ10 弹垫	10		03. 0014
8	30401100002	Flat Washer Φ10 平垫	10		03. 00513
9	40101220003	Lifting hose 起升胶管	1		02. YYL. 3238
10	40101140013	Tilt the hose 倾斜胶管	2		02. YYL. 3239
11	40101220046	Hoses 胶管	1		02. YYL. 4047
12	30101080003	Screw M8×20 螺钉	6		03. 0357
13	30411080002	Lock Washer Φ8 弹垫	6		03. 0012
14	30401080001	Flat Washer Φ8 平垫	6		03. 0050
15	40410000005	Hydraulic Tank Cover 液压油箱盖板	1		30. 01. 6557
16	30801115002	O-rings O 型橡胶密封圈	1		03. 0990
17	40410000016	Fuel Tank Cap 油箱盖	1		02. 01. 9175
18	30201100021	Screw M10×16 螺钉	1		03. 0162
19	40408000050	Fuel Tank 油箱	1		30. 01. 6556
20	30201100025	Screw M10×40 螺钉	4		03. 0168
21	40201220002	Straight Head 直接头	1		
22	20303010264	Pump Motor Components 泵电机组件	1		
23	40206000008	Pump Straight Head 泵直接头	1		02. YYL. 3232
24	40111320008	Suction Tube 吸油管	1		02. YYL. 3928
25	40101140142	Move The Hose Forward 前移胶管	2		02. YYL. 3234
26	40202140003	Connector 直角可调接头	2		02. YYL. 31147
27	40301600005	Reach Cylinder Assembly 前移油缸组件	1		02. YG. 20426
28	40207000033	Tubing Header 油管座	1		02. YYL. 2322
29	20303010263	Valve Operating Assembly 阀操作组件	1		

4.4 Frame Hydraulic Assembly(Quadruple)
车身液压总成（四联）



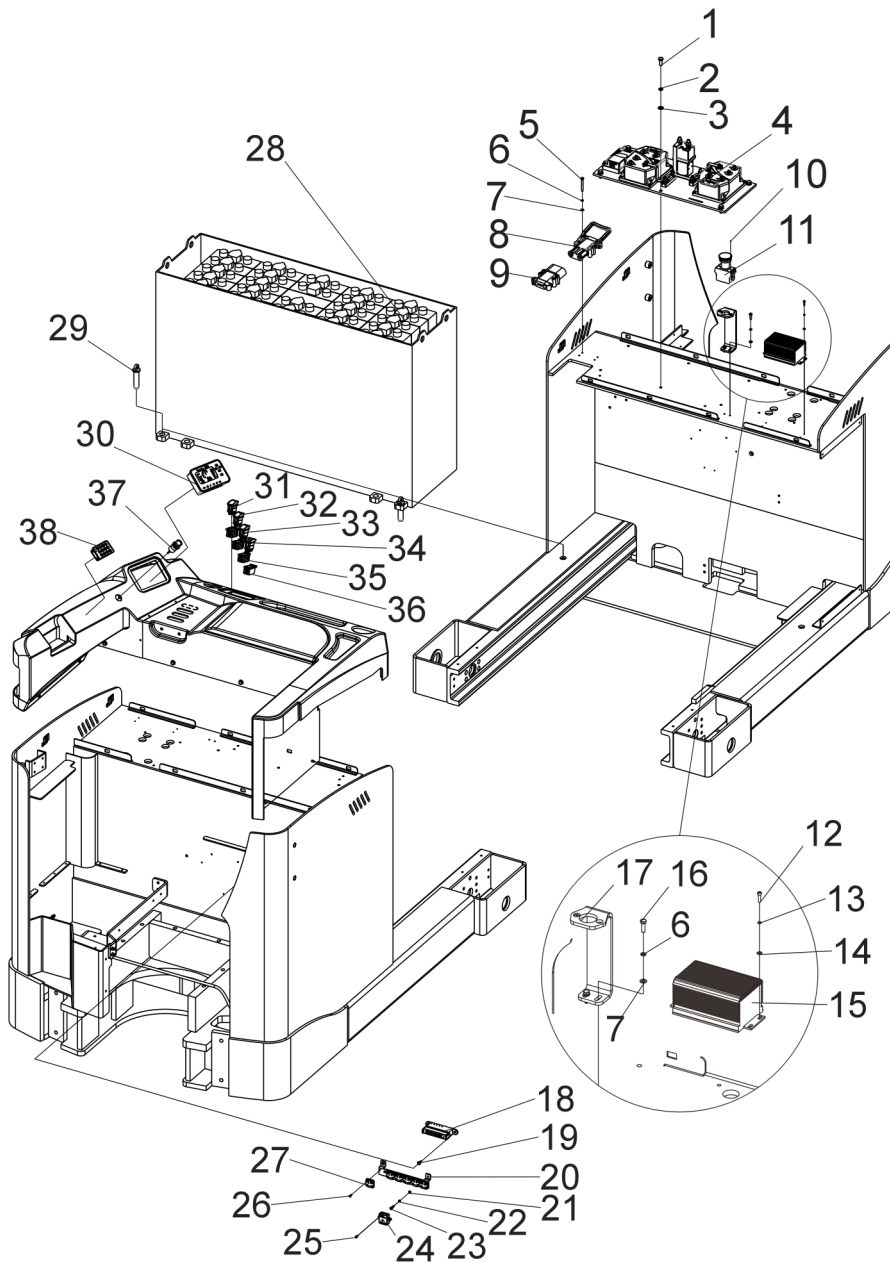
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	40101220007	Lifting Hose 起升胶管	1		02. YYL. 3242
2	40101140016	Tilt The Hose 倾斜胶管	2		02. YYL. 3243
3	40101220003	Lifting Hose 起升胶管	1		02. YYL. 3238
4	40101140220	Side-shift Hoses 侧移胶管	2		02. YYL. 3886
5	40101140013	Tilt The Hose 倾斜胶管	2		02. YYL. 3239
6	30201100024	Screw M10×30 螺钉	2		03. 0166
7	30411100002	Lock Washer Φ10 弹垫	10		03. 0014
8	30401100002	Flat Washer Φ10 平垫	10		03. 00513
9	40207000033	Tubing Header 油管座	1		02. YYL. 2322
10	40111320007	Return Pipe(Quadruple) 回油管	1		02. YYL. 3929
11	54013000004	Hoops 油管抱箍	4		03. 05384
12	30101080003	Screw M8×20 螺钉	6		03. 0357
13	30411080002	Lock Washer Φ8 弹垫	6		03. 0012
14	30401080001	Flat Washer Φ8 平垫	6		03. 0050
15	40410000005	Hydraulic Tank Cover 液压油箱盖板	1		30. 01. 6557
16	30801115002	O-rings O 型橡胶密封圈	1		03. 0990
17	40410000016	Fuel Tank Cap 油箱盖	1		02. 01. 9175
18	30201100021	Screw M10×16 螺钉	1		03. 0162
19	40408000050	Fuel Tank 油箱	1		30. 01. 6556
20	30201100025	Screw M10×40 螺钉	4		03. 0168
21	40101220046	Hoses 胶管	1		02. YYL. 4047
22	40201220002	Straight Head 直接头	1		
23	20303010264	Pump Motor Components 泵电机组件	1		
24	40206000008	Pump Straight Head 泵直接头	1		02. YYL. 3232
25	40111320008	Suction Tube 吸油管	1		02. YYL. 3928
26	40101140142	Move The Hose Forward 前移胶管	2		02. YYL. 3234
27	40202140003	Connector 直角可调接头	2		02. YYL. 31147
28	40301600005	Reach Cylinder Assembly 前移油缸组件	1		02. YG. 20426
29	20303010243	Valve Operating Assembly 阀操作组件	1		

5.1 Electrical Assembly
电气总成



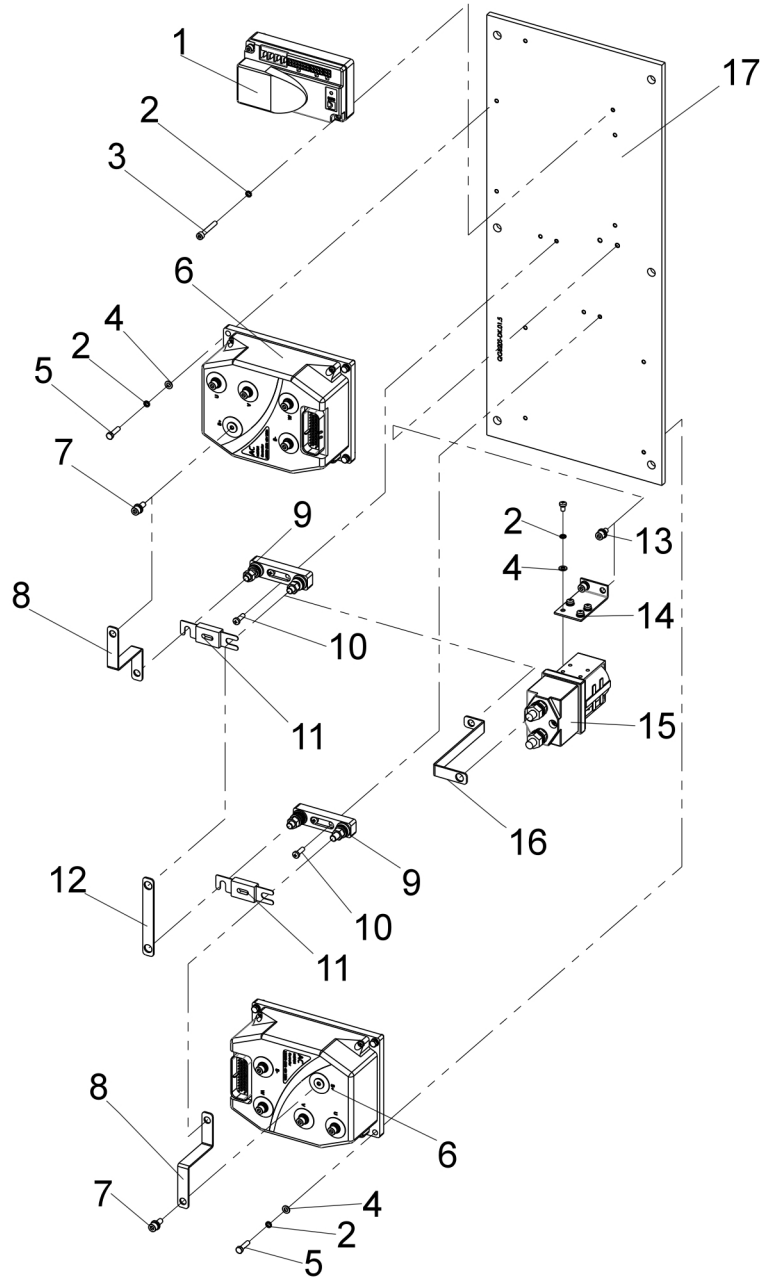
Item 序号	Part No. 代码	Description 名称	Qty 数量	Applied Date 适用日期	Remark 备注
1	30101100012	Screw M10×25 螺钉	6		30. 35. ZC. 118
2	30411100002	Lock Washer Φ10 弹垫	6		03. 0014
3	30401100002	Flat Washer Φ10 平垫	6		03. 00513
4	70301000029	Control Components 电控组件	1		
5	30101060007	Screw M6×55 螺钉	4		03. 1104
6	30411060002	Lock Washer Φ6 弹垫	4		03. 0011
7	30401060001	Flat Washer Φ6 平垫	4		03. 00512
8	71121000011	Power Connector 电源连接器	1		02. 01. 21908
9	71121000013	Power Connector 电源连接器	1		02. 01. 21909
10	30211050020	Screw M5×12 螺钉	2		03. 04141
11	70104000006	Emergency Stop Switch 急停开关	1		02. 01. 2248
12	30211040008	Screw M4×16 螺钉	4		03. 02152
13	30411040002	Lock Washer Φ4 弹垫	4		03. 0008
14	30401040005	Flat Washer Φ4 平垫	4		03. 1138
15	70304000004	Converter DC-DC 转换器	1		
16	30101060011	Bolt M6×20 螺栓	2		03. 0410
17	20203001203	Switch Fixing Plate 开关固定板	1		30. 54. 0035
18	70701000008	Fuse Box 保险丝盒	1		19. 0773
19	30211060008	Screw M6×16 螺钉	2		03. 0228
20	20201000536	Wire Splice Holder 线接头座	1		
21	30401050001	Flat Washer Φ5 平垫	2		03. 00511
22	30411050001	Lock Washer Φ5 弹垫	2		03. 00132
23	30201050011	Screw M6×16 螺钉	2		03. 0133
24	70431000052	Junction Box 驱动电机接线盒	1		02. 01. 0284
25	30211040006	Screw M4×12 螺钉	2		03. 0215
26	30201040009	Screw M4×10 螺钉	12		03. 0123
27	54331000005	Line Fork Seat 线叉座	6		02. 01. 02070
28	70501480006	Lead-acid Batteries 铅酸蓄电池	1		
29	50101200005	Battery Towing Pins 电池牵引销	2		30. 05. 152

5.1 Electrical Assembly

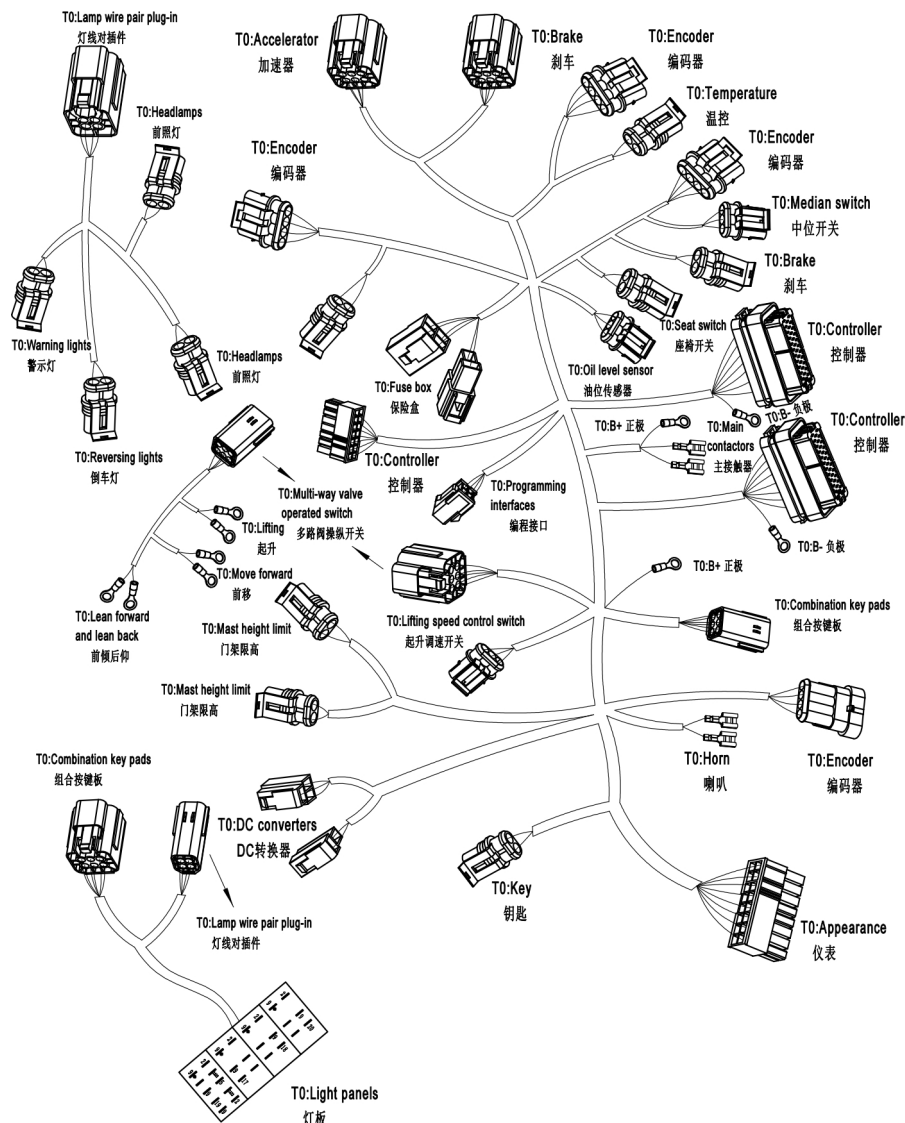
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5.2 Controller Components

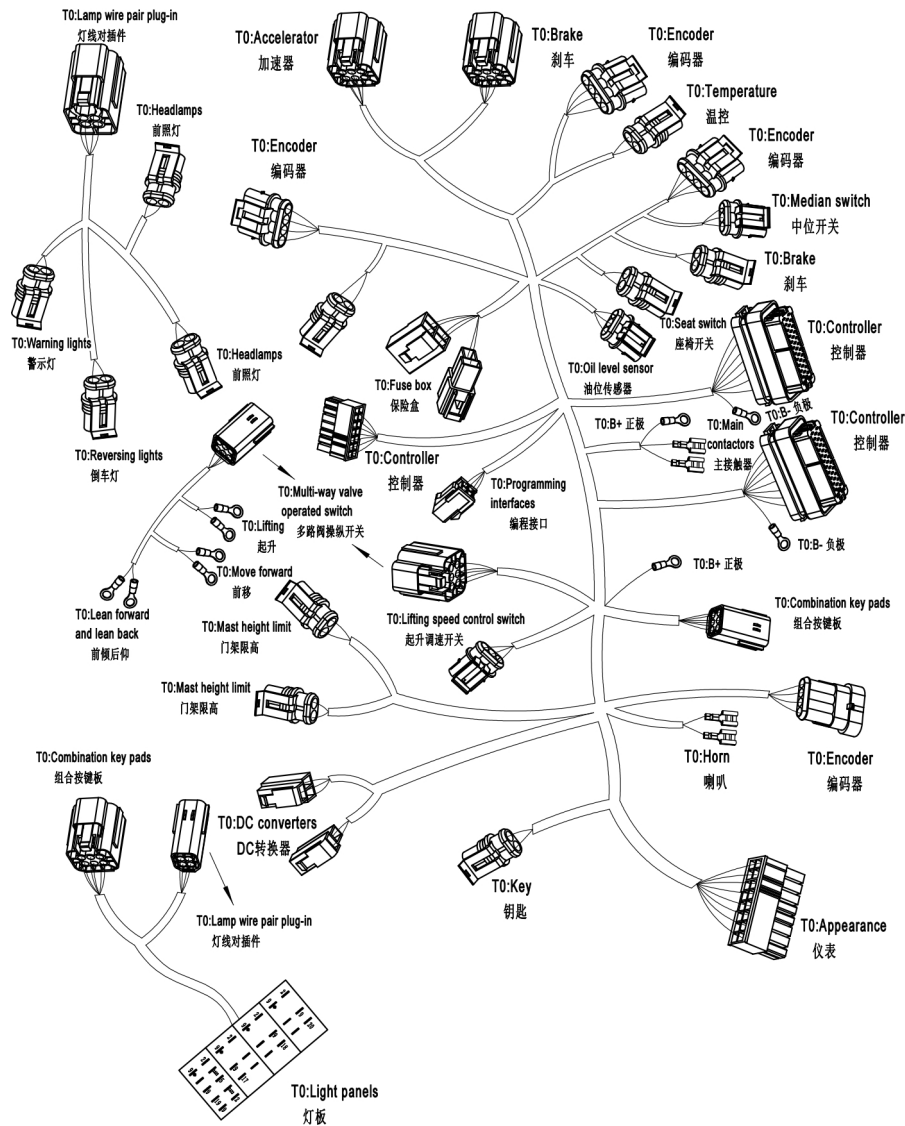
电控组件

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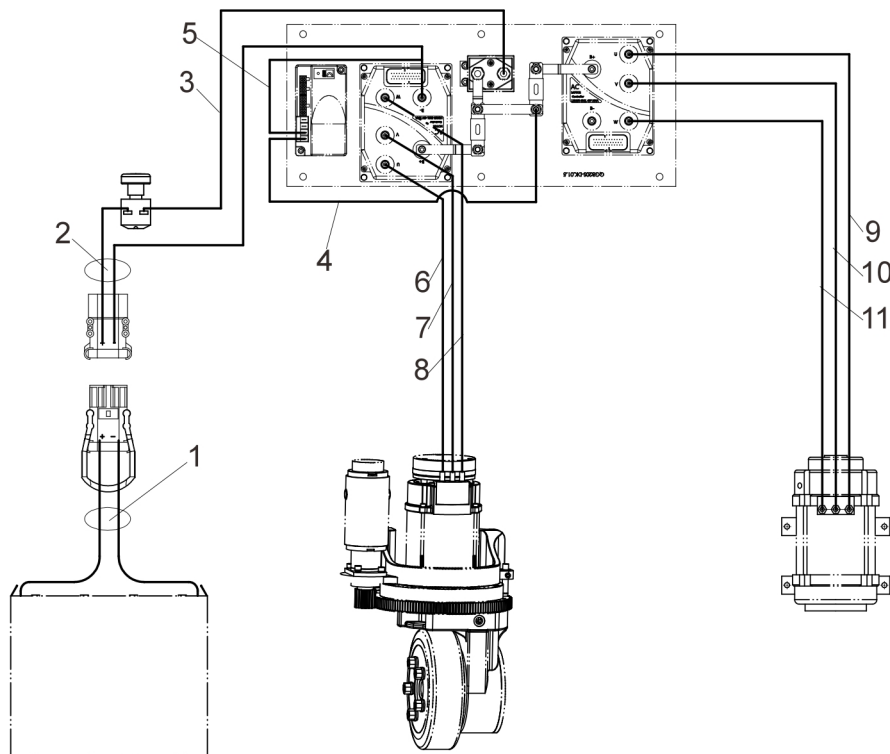
5.3 Wiring Harness Assembly (1232SE) 线束总成 (1232SE)

[illegible]

5.4 Wiring Harness Assembly (F4-A)

[illegible]

5.5	Cable Assembly (1232)
	电缆总成 (1232)

[illegible]

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