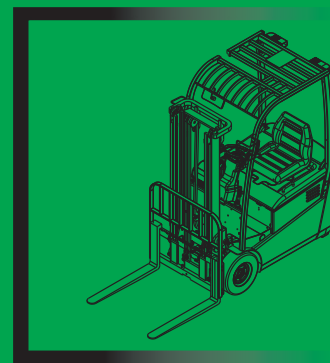


HELI 零件目录

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Green
SERIES



零件目录 parts manual

G系列 **1.25t, 1.5t**

后驱三支点蓄电池叉车

Three-wheel Battery Forklift
Truck With Rear Drive Axle

安徽合力股份有限公司
ANHUI HELI CO., LTD.



零件目录 **parts manual**

G系列 **1.25t, 1.5t**

后驱三支点蓄电池叉车
Three-wheel Battery Forklift
Truck With Rear Drive Axle

HELI
研发部产品资源所
PRODUCT RESOURCE
INSTITUTE

L329-3:2015

本零件目录汇集了G系列1.25t, 1.5t后驱三支点蓄电池叉车的零部件

查询方法

- 步骤一：在检索目录中找到系统或总成该图所在页次并翻至所标页次，找到该图；
- 步骤二：在其图中找出所需零部件，以及它所标注的序号；
- 步骤三：根据这个序号，在其后附表中可以查到系统或零件的详细信息。

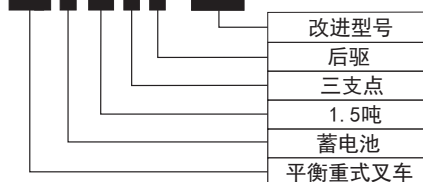
订购零部件时，务请写清叉车的型号、出厂编号、所需零部件的图号及订购数量

在维修时，请使用正规渠道（安徽合力股份有限公司配件分公司）提供的本公司零部件，以确保叉车质量

恕不能将本产品可能进行的零部件改进在本图册中同时修改，您可以从本公司的销售和配件公司获得最新资料

车型及配置号说明

CPD 15 SH - GA2

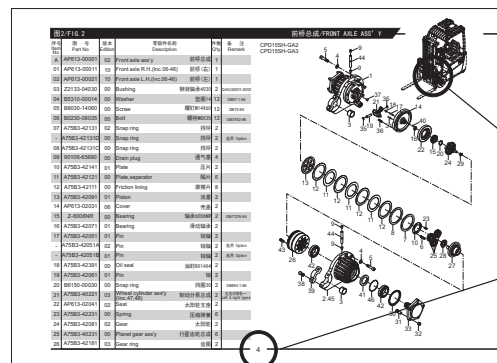


缩写说明

ASS'Y	总成
R.H.	右
L.H.	左
H.P.	高压
L.P.	低压

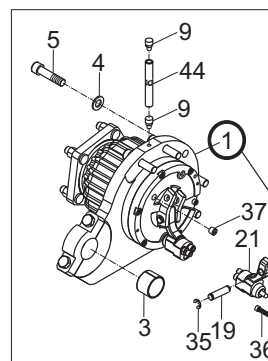
版本号说明 零部件图纸为DWG格式的一律加前缀D

公制 适用于一般市场
美制 适用于北美市场



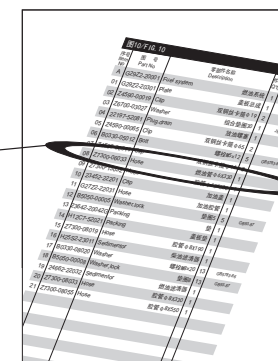
系统或总成在本图中被加粗

该系统或总成所在页数



序号及该系统或总成的全部信息

每一个零部件都有唯一的序号



所配电控：

CPD15SH-GA1	CURTIS
CPD15SH-GA2	ZAPI
CPD15SH-GA3	DANAHER
CPD15SH-GB2	ZAPI
CPD13SH-GB2	ZAPI

Indexing Way

Step1:Finding out the page for the system or assembly required from the indexing contents and turn to the required page, finding out the concerned drawing;

Step2:From the detail drawing,find out the parts and their item numbers.

Step3:According to these item numbers, find out details of these parts of the system or assembly from attached table.

When ordering the parts or components,please indicate the model and series number of the your forklift truck,the drawing number of parts or components you require and their quantity.

When you replace parts or components,please apply the real goods made by our company (Spare Parts Sub-company of Anhui HELI Co.,Ltd) to ensure the truck's quality.

We reserve modification right without notice Designations in the CATALOGUE

Model & configuration No.

CPD15SH-GA2

Modified	
Rear drive axle	
Three-wheel	
1.5 toncapacity	
Battery	
Forklift truck	

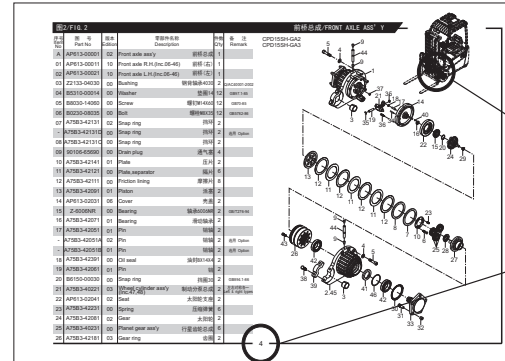
Abbreviations in the CATALOGUE

ASS'Y	assembly	H.P.	High pressure
R.H.	right hand	L.P.	low pressure
L.H.	left hand		

Version number note: DWG form drawings are referred by adding a prefix D.

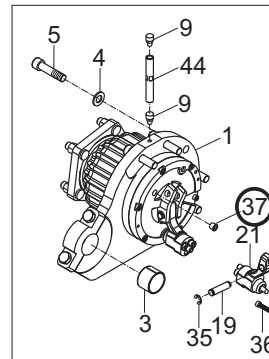
Metric is suitable for general market.

SAE is suitable for North American market.



This system or assembly is within the coarse solid line circle.

This page code denotes this system or assembly drawing shows on the page.



According to these item numbers, find out details of these parts or the system from attached table.

Every part or componet in the drawing is expressed with only item number

Item No.	Part Name	Quantity	Part Name	Quantity
1	Front axle assembly	1	CPD15SH-GA2	1
2	Front axle L.H. (incl. 3-45)	1	CPD15SH-GA2	1
3	Shafting	1	CPD15SH-GA2	1
4	Shafting	1	CPD15SH-GA2	1
5	Shafting	1	CPD15SH-GA2	1
6	Shafting	1	CPD15SH-GA2	1
7	Shafting	1	CPD15SH-GA2	1
8	Shafting	1	CPD15SH-GA2	1
9	Shafting	1	CPD15SH-GA2	1
10	Shafting	1	CPD15SH-GA2	1
11	Shafting	1	CPD15SH-GA2	1
12	Shafting	1	CPD15SH-GA2	1
13	Shafting	1	CPD15SH-GA2	1
14	Shafting	1	CPD15SH-GA2	1
15	Shafting	1	CPD15SH-GA2	1
16	Shafting	1	CPD15SH-GA2	1
17	Shafting	1	CPD15SH-GA2	1
18	Shafting	1	CPD15SH-GA2	1
19	Shafting	1	CPD15SH-GA2	1
20	Shafting	1	CPD15SH-GA2	1
21	Shafting	1	CPD15SH-GA2	1
22	Shafting	1	CPD15SH-GA2	1
23	Shafting	1	CPD15SH-GA2	1
24	Shafting	1	CPD15SH-GA2	1
25	Shafting	1	CPD15SH-GA2	1
26	Shafting	1	CPD15SH-GA2	1
27	Shafting	1	CPD15SH-GA2	1
28	Shafting	1	CPD15SH-GA2	1
29	Shafting	1	CPD15SH-GA2	1
30	Shafting	1	CPD15SH-GA2	1
31	Shafting	1	CPD15SH-GA2	1
32	Shafting	1	CPD15SH-GA2	1
33	Shafting	1	CPD15SH-GA2	1
34	Shafting	1	CPD15SH-GA2	1
35	Shafting	1	CPD15SH-GA2	1
36	Shafting	1	CPD15SH-GA2	1
37	Shafting	1	CPD15SH-GA2	1
38	Shafting	1	CPD15SH-GA2	1
39	Shafting	1	CPD15SH-GA2	1
40	Shafting	1	CPD15SH-GA2	1
41	Shafting	1	CPD15SH-GA2	1
42	Shafting	1	CPD15SH-GA2	1
43	Shafting	1	CPD15SH-GA2	1
44	Shafting	1	CPD15SH-GA2	1
45	Shafting	1	CPD15SH-GA2	1
46	Shafting	1	CPD15SH-GA2	1
47	Shafting	1	CPD15SH-GA2	1
48	Shafting	1	CPD15SH-GA2	1
49	Shafting	1	CPD15SH-GA2	1
50	Shafting	1	CPD15SH-GA2	1
51	Shafting	1	CPD15SH-GA2	1
52	Shafting	1	CPD15SH-GA2	1
53	Shafting	1	CPD15SH-GA2	1
54	Shafting	1	CPD15SH-GA2	1
55	Shafting	1	CPD15SH-GA2	1
56	Shafting	1	CPD15SH-GA2	1
57	Shafting	1	CPD15SH-GA2	1
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62	Shafting	1	CPD15SH-GA2	1
63	Shafting	1	CPD15SH-GA2	1
64	Shafting	1	CPD15SH-GA2	1
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67	Shafting	1	CPD15SH-GA2	1
68	Shafting	1	CPD15SH-GA2	1
69	Shafting	1	CPD15SH-GA2	1
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71	Shafting	1	CPD15SH-GA2	1
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73	Shafting	1	CPD15SH-GA2	1
74	Shafting	1	CPD15SH-GA2	1
75	Shafting	1	CPD15SH-GA2	1
76	Shafting	1	CPD15SH-GA2	1
77	Shafting	1	CPD15SH-GA2	1
78	Shafting	1	CPD15SH-GA2	1
79	Shafting	1	CPD15SH-GA2	1
80	Shafting	1	CPD15SH-GA2	1
81	Shafting	1	CPD15SH-GA2	1
82	Shafting	1	CPD15SH-GA2	1
83	Shafting	1	CPD15SH-GA2	1
84	Shafting	1	CPD15SH-GA2	1
85	Shafting	1	CPD15SH-GA2	1
86	Shafting	1	CPD15SH-GA2	1
87	Shafting	1	CPD15SH-GA2	1
88	Shafting	1	CPD15SH-GA2	1
89	Shafting	1	CPD15SH-GA2	1
90	Shafting	1	CPD15SH-GA2	1
91	Shafting	1	CPD15SH-GA2	1
92	Shafting	1	CPD15SH-GA2	1
93	Shafting	1	CPD15SH-GA2	1
94	Shafting	1	CPD15SH-GA2	1
95	Shafting	1	CPD15SH-GA2	1
96	Shafting	1	CPD15SH-GA2	1
97	Shafting	1	CPD15SH-GA2	1
98	Shafting	1	CPD15SH-GA2	1
99	Shafting	1	CPD15SH-GA2	1
100	Shafting	1	CPD15SH-GA2	1

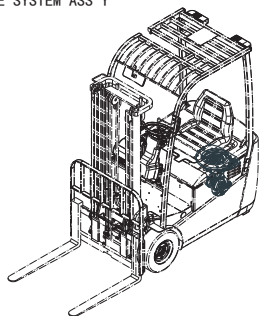
The following trucks are provided with corresponding controller

CPD15SH-GA1	CURTIS
CPD15SH-GA2	ZAPI
CPD15SH-GA3	DANAHER
CPD15SH-GB2	ZAPI
CPD13SH-GB2	ZAPI

目录 INDEX

驱动系统总成
DRIVE SYSTEM ASS'Y

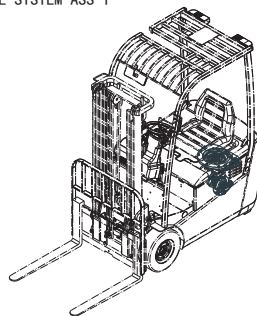
图1
FIG1



P1

驱动系统总成
DRIVE SYSTEM ASS'Y

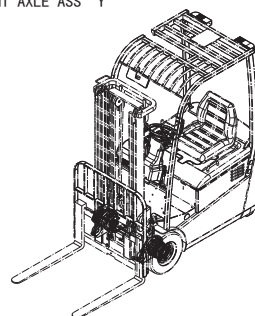
图2
FIG2



P4

前桥总成
FRONT AXLE ASS'Y

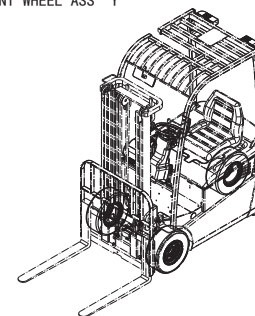
图3
FIG3



P7

前轮总成
FRONT WHEEL ASS'Y

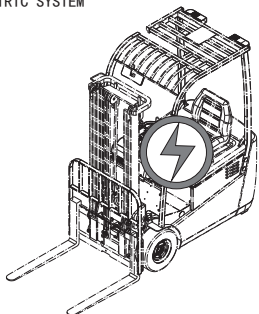
图4
FIG4



P9

电气系统
ELECTRIC SYSTEM

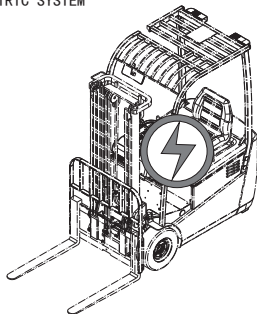
图5
FIG5



P10

电气系统
ELECTRIC SYSTEM

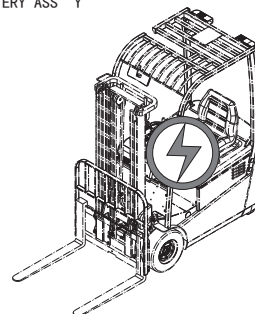
图6
FIG6



P13

蓄电池组
BATTERY ASS'Y

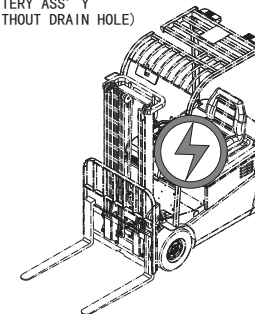
图7
FIG7



P16

蓄电池组(无漏液孔)
BATTERY ASS'Y
(WITHOUT DRAIN HOLE)

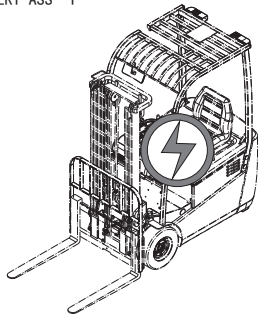
图8
FIG8



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蓄电池组
BATTERY ASS'Y

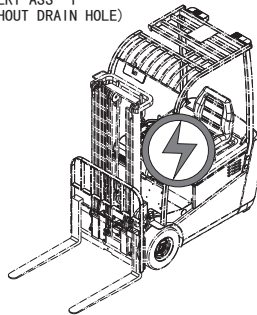
图9
FIG9



P18

蓄电池组(无漏液孔)
BATTERY ASS'Y
(WITHOUT DRAIN HOLE)

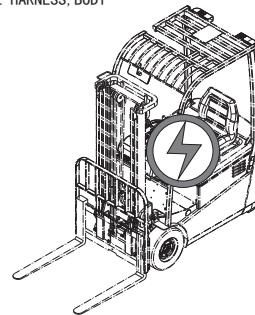
图10
FIG10



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车身线束
WIRE HARNESS, BODY

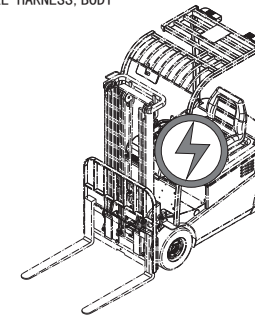
图11
FIG11



P20

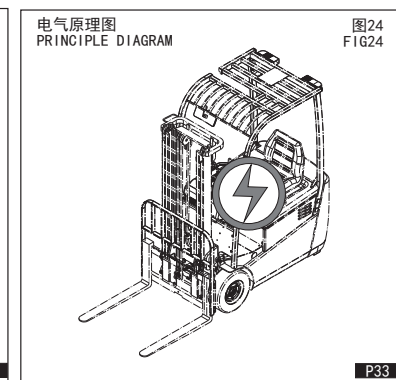
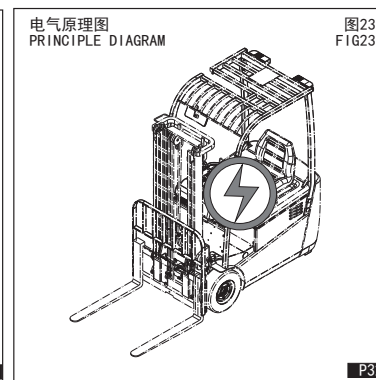
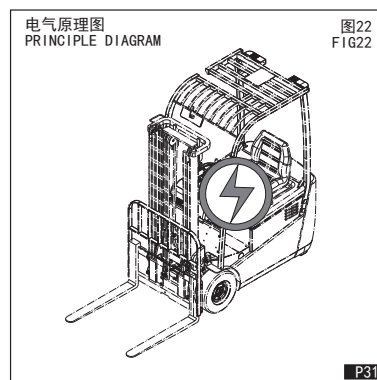
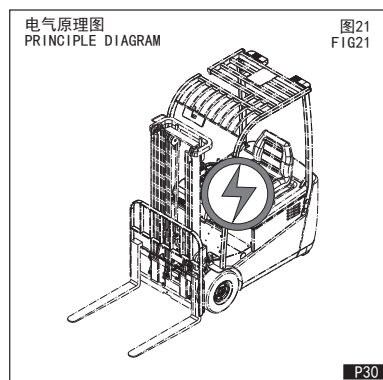
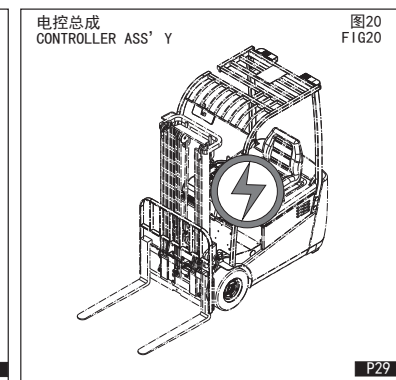
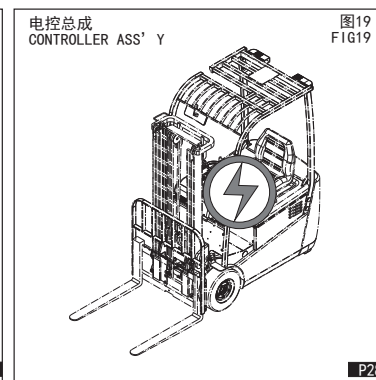
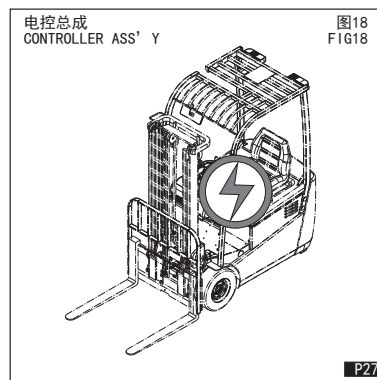
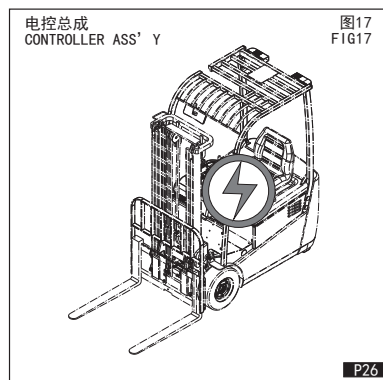
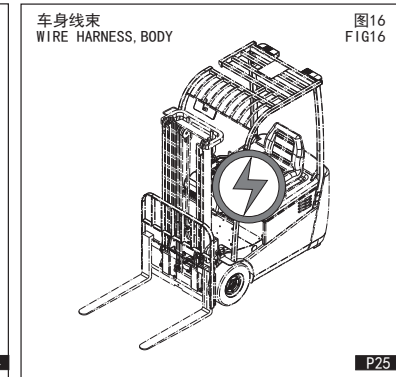
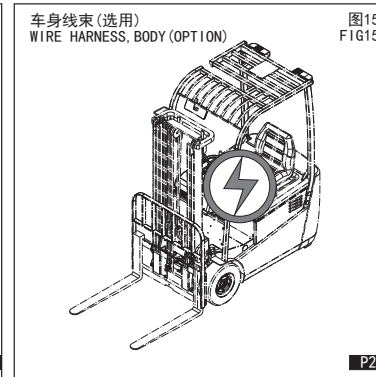
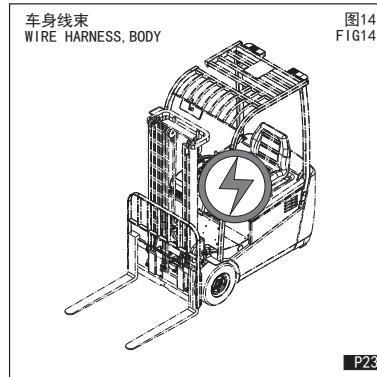
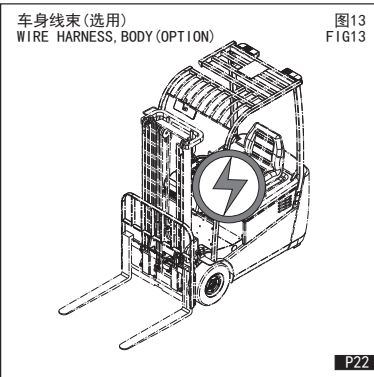
车身线束
WIRE HARNESS, BODY

图12
FIG12



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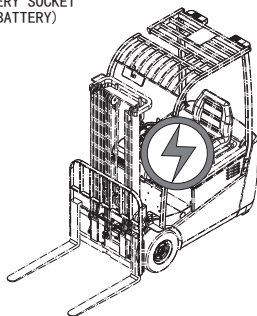
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目录 INDEX

电源插座(接蓄电池端)
BATTERY SOCKET
(TO BATTERY)

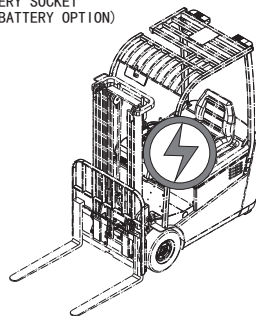
图25
FIG25



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电源插座(接蓄电池端选用)
BATTERY SOCKET
(TO BATTERY OPTION)

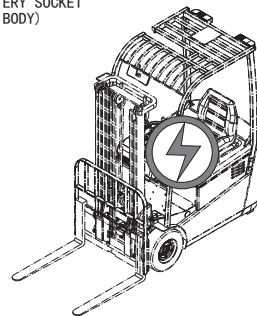
图26
FIG26



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电源插座(接车体端)
BATTERY SOCKET
(TO BODY)

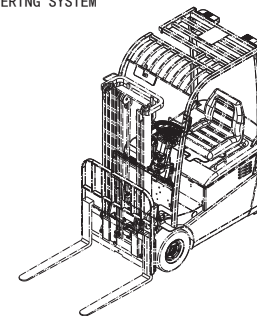
图27
FIG27



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转向系统
STEERING SYSTEM

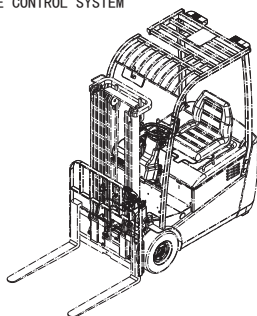
图28
FIG28



P37

行车制动系统
BRAKE CONTROL SYSTEM

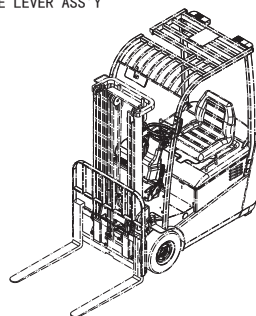
图29
FIG29



P39

停车制动总成
BRAKE LEVER ASS'Y

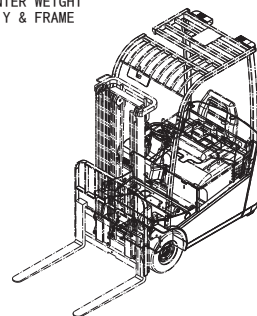
图30
FIG30



P40

平衡重总成及车架
COUNTER WEIGHT
ASS'Y & FRAME

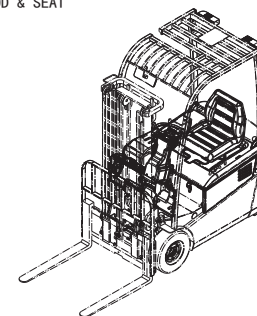
图31
FIG31



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机罩类及座椅
HOOD & SEAT

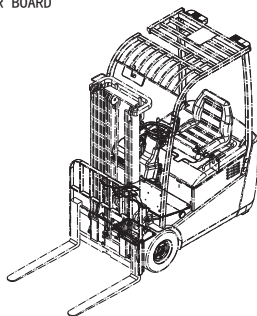
图32
FIG32



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底板类
FLOOR BOARD

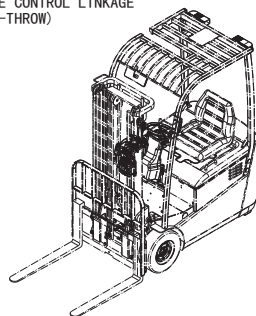
图33
FIG33



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多路阀操纵总成(二片)
VALVE CONTROL LINKAGE
(TWO-THROW)

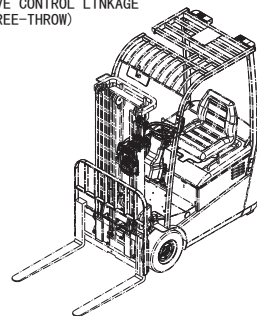
图34
FIG34



P45

多路阀操纵总成(三片)
VALVE CONTROL LINKAGE
(THREE-THROW)

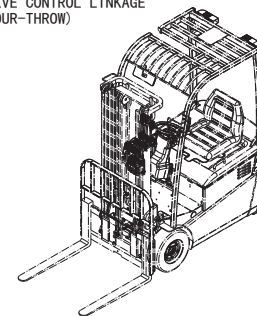
图35
FIG35



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多路阀操纵总成(四片)
VALVE CONTROL LINKAGE
(FOUR-THROW)

图36
FIG36

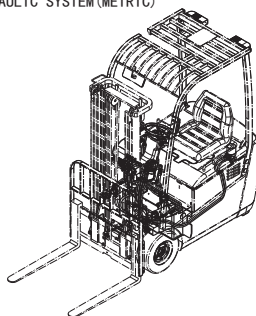


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液压管路系统 (公制)
HYDRAULIC SYSTEM (METRIC)

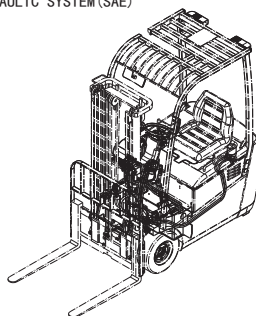
图37
FIG37



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液压管路系统 (美制)
HYDRAULIC SYSTEM (SAE)

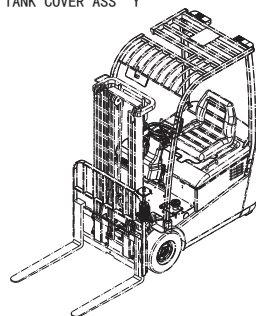
图38
FIG38



P54

液压油箱附件总成
OIL TANK COVER ASS'Y

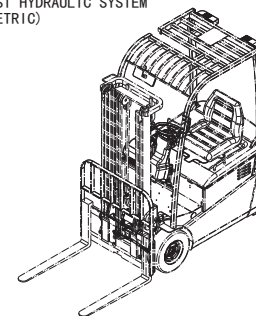
图39
FIG39



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门架管路系统 (公制)
MAST HYDRAULIC SYSTEM
(METRIC)

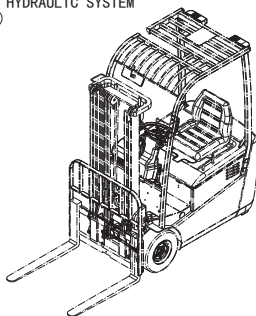
图40
FIG40



P58

门架管路系统 (美制)
MAST HYDRAULIC SYSTEM
(SAE)

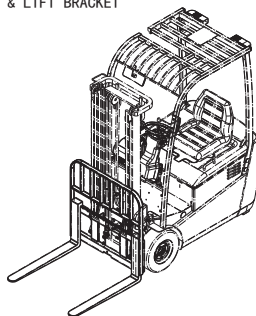
图41
FIG41



P59

货叉及货叉架
FORK & LIFT BRACKET

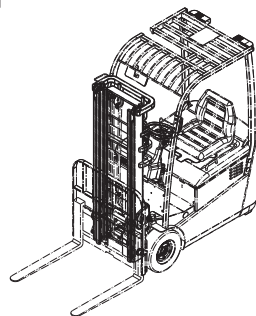
图42
FIG42



P60

门架
MAST

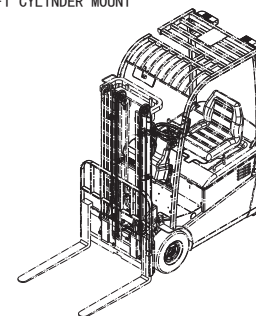
图43
FIG43



P62

起升油缸安装图
LIFT CYLINDER MOUNT

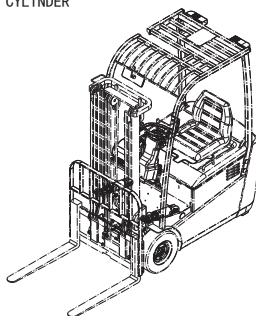
图44
FIG44



P64

倾斜油缸
TILT CYLINDER

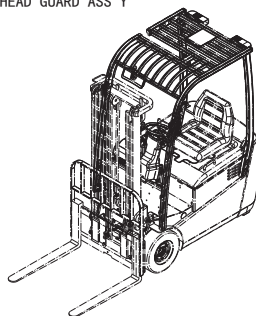
图45
FIG45



P67

护顶架总成
OVERHEAD GUARD ASS'Y

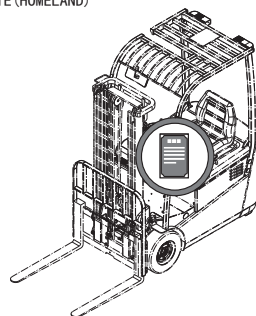
图46
FIG46



P68

标牌 (国内)
PLATE (HOMELAND)

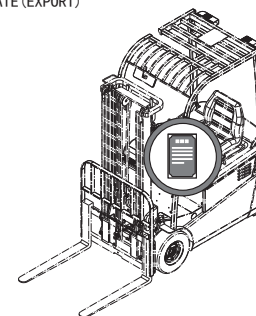
图47
FIG47



P69

标牌 (国外)
PLATE (EXPORT)

图48
FIG48



P70

图1/FIG. 1

驱动系统总成/DRIVE SYSTEM ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP611-00001	07	Drive system ass'y 驱动系统总成	1	
01	AP611-02011	04	Seat,transmission case 减速箱壳体座	1	
02	AP611-02021	01	Cover,case 减速箱壳体盖	1	
03	Q70B1-02201	00	Nut 紧固螺母	1	
04	Q70B1-02141	00	Ring 挡油环	1	
05	Z-32209	00	Bearing 轴承32209	1	GB/T297-94
06	HRQ70B1002	00	Washer 垫圈	1	
07	AP611-02101	00	Snap ring 挡圈	1	
08	Q70B1-02191	00	Spacer 隔套	1	
09	Q70B1-02121	00	Spiral bevel gear 螺旋伞齿轮	1	
10	AP611-02111	01	Spacer 驱动轴隔套Ⅱ	1	
11	Q70B1-02411	00	Bracket 油封保持架	1	
12	Q60H1-02022	00	Oil seal 油封	1	
13	Z6003-10503	00	O-ring 0型密封圈105x3.1	1	GB1235-76
14	AP611-02121	01	Drive axle 驱动轴	1	
15	Z-30212	00	Bearing 轴承30212	1	GB/T297-94
16	Z-33206	00	Bearing 轴承33206	1	GB/T297-94
17	HRQ70B1003	00	Washer 垫圈	1	
18	AP611-02081	00	Spacer 输入轴隔套	2	
19	HRQ70B1004	00	Washer 垫圈	1	
20	Z-30306	00	Bearing 轴承30306	1	GB/T297-94
21	AP611-02091	00	Shaft,input 输入轴	1	
22	Q70B1-02301	00	Nut 锁紧螺母	1	
23	AP611-02071	01	Driven gear 被动齿轮	1	
24	AP611-02061	00	Pinion 小齿轮	1	
25	B8030-12040	00	Screw 螺钉M12x40	8	GB70-85
26	B5050-00012	00	Washer,lock 垫圈12	12	GB93-87
27	AP611-02051	06	Coupling chassis 联接盘	1	
28	AP611-02131	05	Coupling plate 联接板	1	
29	AP611-02031	00	Steering gear 转向齿轮Ⅰ	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3

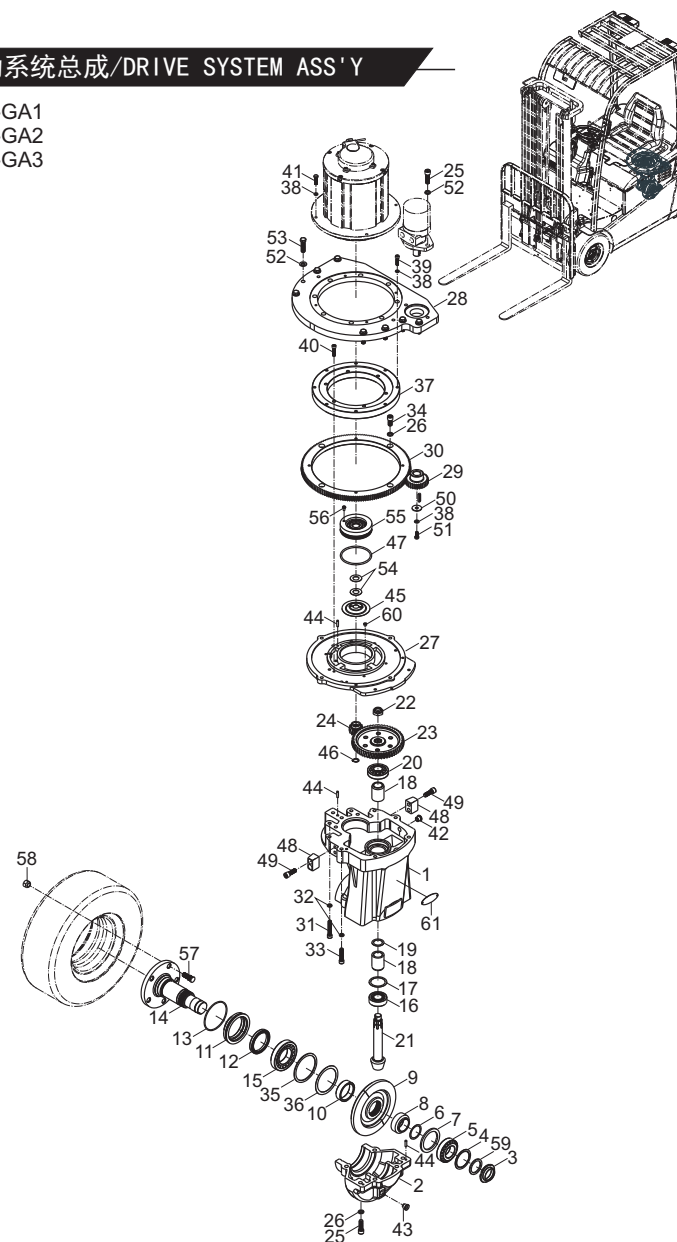


图1/FIG. 1

驱动系统总成/DRIVE SYSTEM ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
30	AP611-02041	02	Steering gear 转向齿轮 II	1	
31	B8030-10050	00	Screw 螺钉M10x50	6	GB70-85
32	B5050-00010	00	Washer,lock 垫圈10	12	GB93-87
33	B8030-10060	00	Screw 螺钉M10x60	6	GB70-85
34	B8030-12025	00	Screw 螺钉M12X25	4	GB70-85
35	Q70B1-02081	02	Snap ring 挡圈	1	
36	HRQ70B1001	00	Washer 垫圈	1	
37	Q70B1-00271	00	Bearing support 回转支承	1	
38	B5050-00008	00	Washer,lock 垫圈8	13	GB93-87
39	B8030-08030	00	Screw 螺钉M8x30	8	GB70-85
40	B8030-08035	00	Screw 螺钉M8x35	6	GB70-85
41	B0330-08030	00	Bolt 螺栓M8x30	4	GB5783-86
42	Q70B1-02061	00	Plug 塞体	1	
43	Q70B1-00211	00	Plug,drain 放油螺塞	1	
44	B3120-06024	00	Pin 销B6x24	6	GB119-86
45	M63D1-02051	00	Ring 挡油环	1	
46	B6150-00018	00	Snap ring 挡圈18	1	GB894.1-86
47	Z6002-11005	00	O-ring 0型密封圈100x5.7	1	GB1235-76
48	Q69F1-02041	02	Stopper 限位块	2	
49	B8030-12035	00	Screw 螺钉M12x35	4	GB70-85
50	AP611-02141	02	Cover plate 盖板	1	
51	B0330-08020	00	Bolt 螺栓M8x20	1	GB5783-86
52	B5310-00012	00	Washer 垫圈12	8	GB97.1-85
53	B0330-12045	00	Bolt 螺栓M12x45	8	GB5783-86
54	HRM63D1001	00	Washer 垫圈	1	
55	AP611-02211	00	Roller 滚轮	1	
56	Q70B1-00281	00	Breather plug 通气塞	1	
57	Q70B1-02031	02	Bolt 轮毂螺栓	5	
58	A61F3-02021	01	Nut 轮辋螺母	5	
59	AP611-02151	00	Shim 调整垫	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3

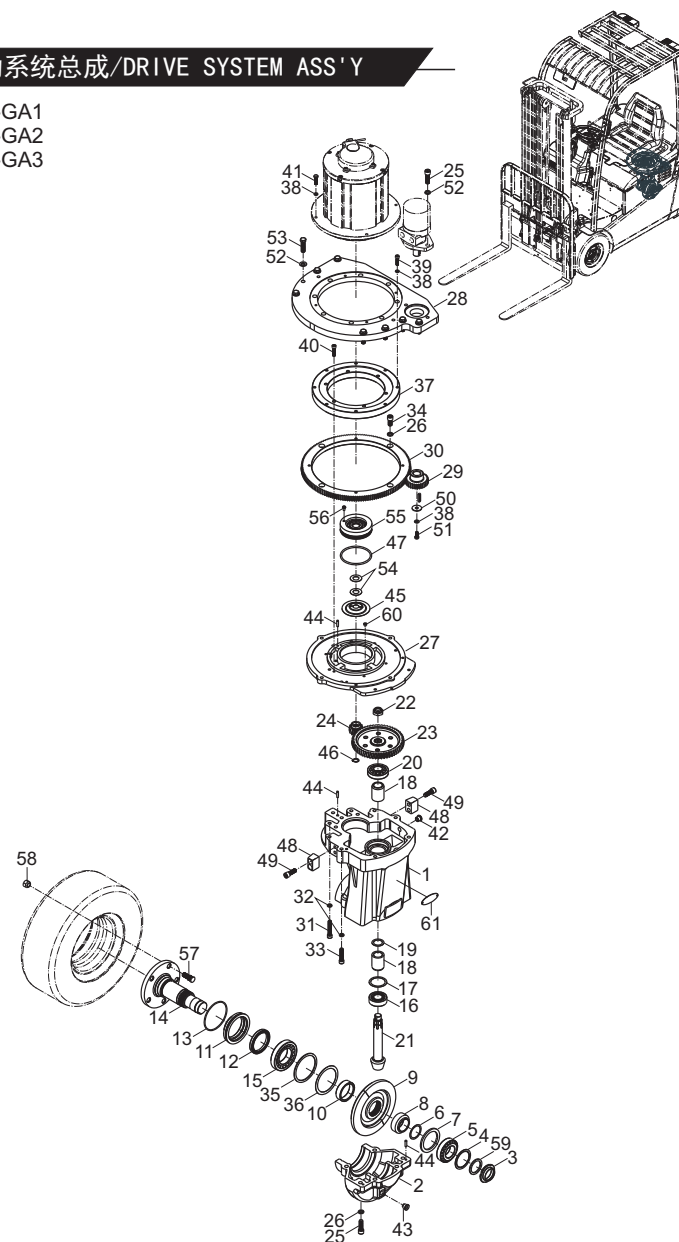


图2/FIG. 2

驱动系统总成/DRIVE SYSTEM ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	A6Y31-00001	00	Drive system ass'y 驱动系统总成	1	
01	A6Y31-02021	00	Seat,transmission case 减速箱壳体座	1	
02	AP611-02021	01	Cover,case 减速箱壳体盖	1	
03	Q70B1-02201	00	Nut 紧固螺母	1	
04	Q70B1-02141	00	Ring 挡油环	1	
05	Z-32209	00	Bearing 轴承32209	1	GB/T297-94
06	HRQ70B1002	00	Washer 垫圈	1	
07	AP611-02101	00	Snap ring 挡圈	1	
08	Q70B1-02191	00	Spacer 隔套	1	
09	Q70B1-02121	00	Spiral bevel gear 螺旋伞齿轮	1	
10	AP611-02111	01	Spacer 驱动轴隔套Ⅱ	1	
11	Q70B1-02411	00	Bracket 油封保持架	1	
12	Q60H1-02022	00	Oil seal 油封	1	
13	Z6003-10503	00	O-ring 0型密封圈105x3.1	1	GB1235-76
14	AP611-02121	01	Drive axle 驱动轴	1	
15	Z-30212	00	Bearing 轴承30212	1	GB/T297-94
16	Z-33206	00	Bearing 轴承33206	1	GB/T297-94
17	HRQ70B1003	00	Washer 垫圈	1	
18	A6Y31-02071	00	Bushing 衬套	2	
19	HRQ70B1004	00	Washer 垫圈	1	
20	Z-30306	00	Bearing 轴承30306	1	GB/T297-94
21	A6Y31-02061	00	Shaft,input 输入轴	1	
22	Q70B1-02301	00	Nut 锁紧螺母	1	
23	A6Y31-02041	00	Driven gear 被动齿轮	1	
24	A6Y31-02031	00	Driving gear 主动齿轮	1	
25	B8030-12040	00	Screw 螺钉M12x40	8	GB70-85
26	B5050-00012	00	Washer,lock 垫圈12	12	GB93-87
27	AP611-02051	06	Coupling chassis 联接盘	1	
28	AP611-02131	05	Coupling plate 联接板	1	
29	AP611-02031	00	Steering gear 转向齿轮Ⅰ	1	

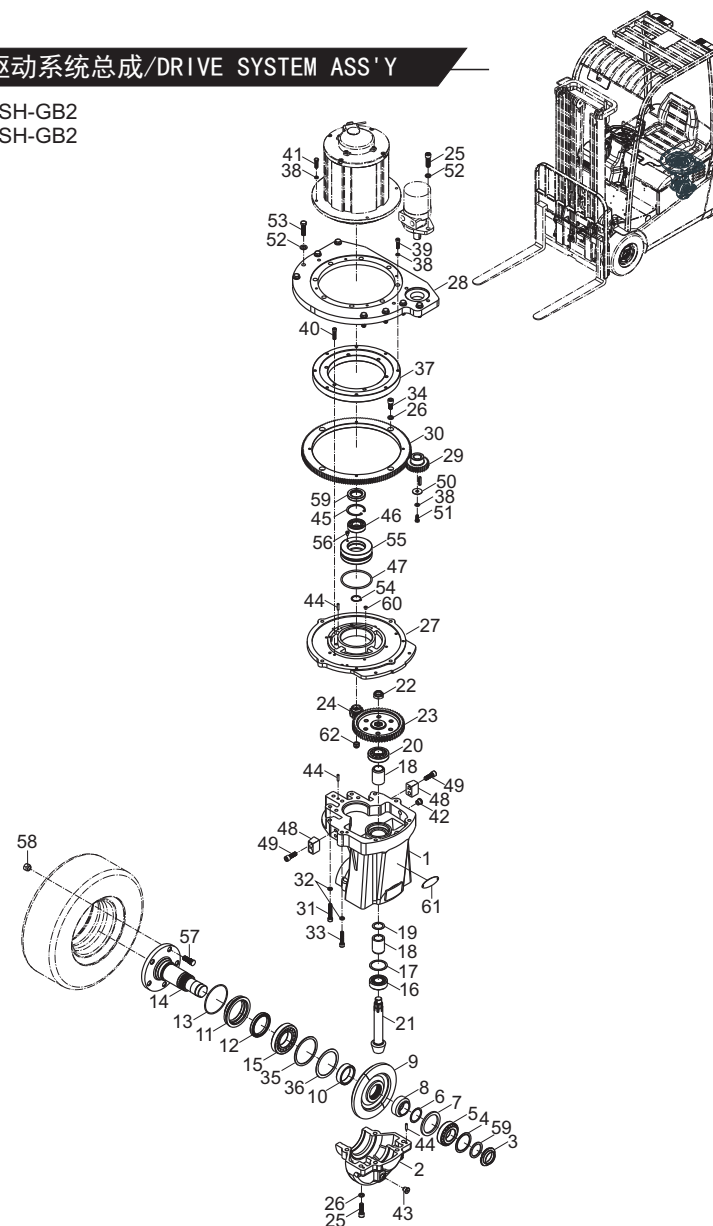
CPD13SH-GB2
CPD15SH-GB2

图2/FIG. 2

驱动系统总成/DRIVE SYSTEM ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
30	AP611-02041	02	Steering gear 转向齿轮 II	1	
31	B8030-10050	00	Screw 螺钉M10x50	6	GB70-85
32	B5050-00010	00	Washer,lock 垫圈10	12	GB93-87
33	B8030-10060	00	Screw 螺钉M10x60	6	GB70-85
34	B8030-12025	00	Screw 螺钉M12X25	4	GB70-85
35	Q70B1-02081	02	Snap ring 挡圈	1	
36	HRQ70B1001	00	Washer 垫圈	1	
37	Q70B1-00271	00	Bearing support 回转支承	1	
38	B5050-00008	00	Washer,lock 垫圈8	13	GB93-87
39	B8030-08030	00	Screw 螺钉M8x30	8	GB70-85
40	B8030-08035	00	Screw 螺钉M8x35	6	GB70-85
41	B0330-08030	00	Bolt 螺栓M8x30	4	GB5783-86
42	Q70B1-02061	00	Plug 塞体	1	
43	Q70B1-00211	00	Plug,drain 放油螺塞	1	
44	B3120-06024	00	Pin 销B6x24	6	GB119-86
45	B6050-00062	00	Snap ring 挡圈62	1	GB893.1-86
46	Z-6206-2RS	00	Bearing 轴承6206-2RS	1	GB/T276-94
47	Z6002-11005	00	O-ring 0型密封圈100x5.7	1	GB1235-76
48	Q69F1-02041	02	Stopper 限位块	2	
49	B8030-12035	00	Screw 螺钉M12x35	4	GB70-85
50	AP611-02141	02	Cover plate 盖板	1	
51	B0330-08020	00	Bolt 螺栓M8x20	1	GB5783-86
52	B5310-00012	00	Washer 垫圈12	8	GB97.1-85
53	B0330-12045	00	Bolt 螺栓M12x45	8	GB5783-86
54	B6150-00030	00	Washer 挡圈30	1	GB894.1-86
55	A6Y31-02051	00	Bearing seat 轴承座	1	
56	Q70B1-00281	00	Breather plug 通气塞	1	
57	Q70B1-02031	02	Bolt 轮毂螺栓	5	
58	A61F3-02021	01	Nut 轮辋螺母	5	
59	H0E93-42701	00	U-ring U型密封圈FB38x62x11D	1	GB/T13871.1-2007

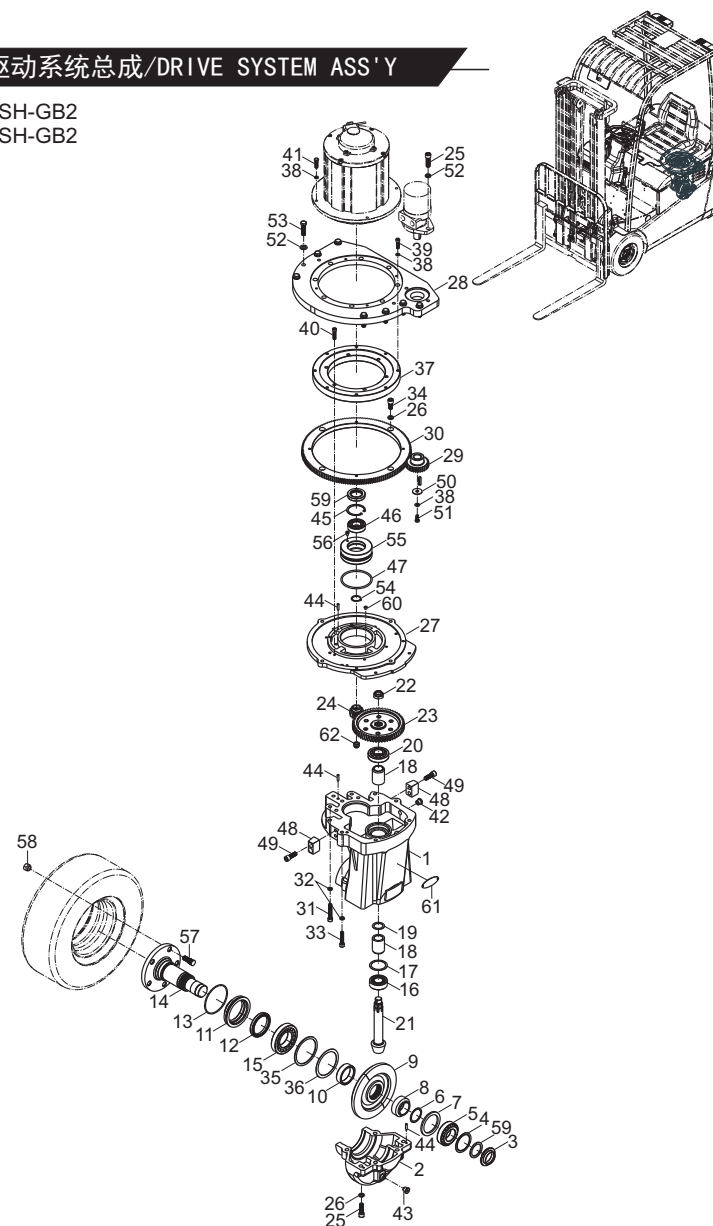
CPD13SH-GB2
CPD15SH-GB2

图2/FIG. 2 驱动系统总成/DRIVE SYSTEM ASS'Y

序号	图 号	版本	零部件名称	件数	备 注
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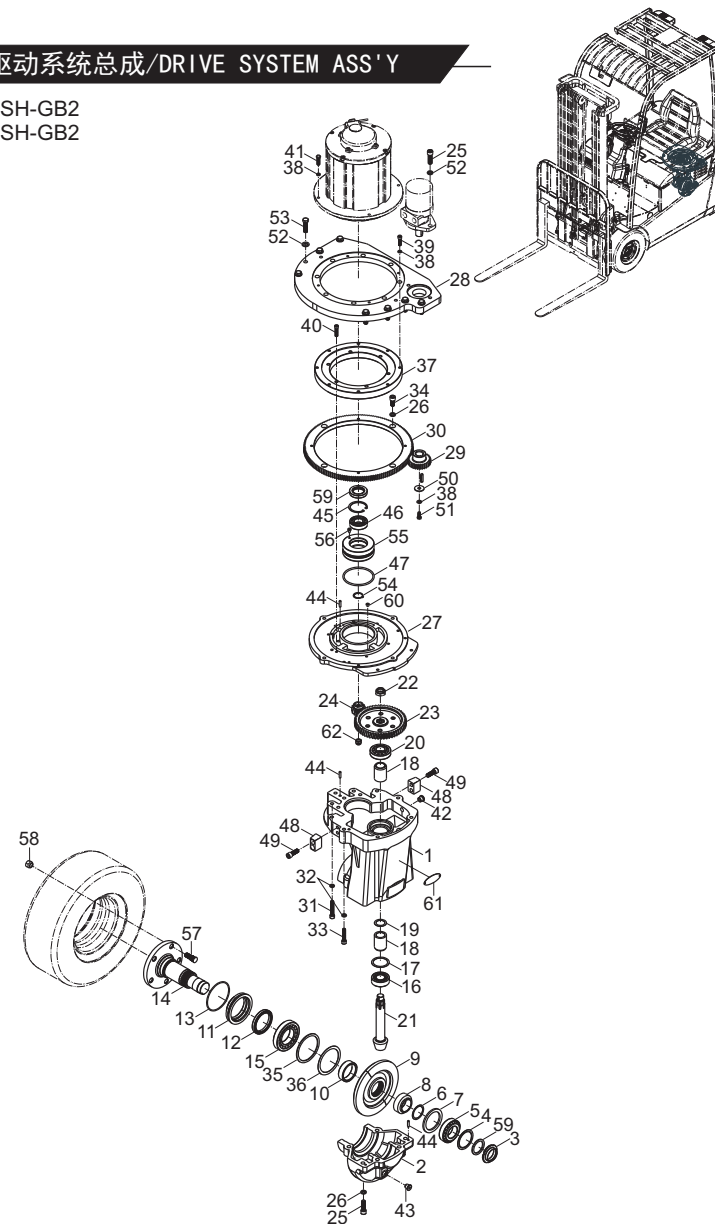
[illegible]CPD13SH-GB2
CPD15SH-GB2 

图3/FIG. 3

前桥总成/Front AXLE ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP613-00001	02	Front axle ass'y 前桥总成	1	
01	AP613-00011	12	Front axle R.H.(Inc.06-46) 前桥(右)	1	
02	AP613-00021	12	Front axle L.H.(Inc.06-46) 前桥(左)	1	
03	Z2133-04030	00	Bushing 钢背轴承4030	2	Q/AC40001-2002
04	B5310-00014	00	Washer 垫圈14	12	GB97.1-85
05	B8030-14060	00	Screw 螺钉M14X60	12	GB70-85
06	B0230-08035	00	Bolt 螺栓M8X35	12	GB5782-86
07	A75B3-42131	02	Snap ring 挡环	2	
-	A75B3-42131D	00	Snap ring 挡环	2	选用 Option
08	A75B3-42131C	00	Snap ring 挡环	2	
09	90106-65690	00	Drain plug 通气塞	4	
10	A75B3-42141	01	Plate 压片	2	
11	A75B3-42121	00	Plate,separator 隔片	6	
12	A75B3-42111	00	Friction lining 摩擦片	8	
13	A75B3-42091	01	Piston 活塞	2	
14	AP613-02071	00	Cover R.H. 壳盖右	1	
-	AP613-02061	00	Cover L.H. 壳盖左	1	
15	Z-6006NR	00	Bearing 轴承6006NR	2	GB/T276-94
16	A75B3-42071	01	Bearing 滑动轴承	2	
17	A75B3-42051	01	Pin 销轴	2	
-	A75B3-42051A	02	Pin 销轴	2	选用 Option
-	A75B3-42051B	01	Pin 销轴	2	选用 Option
18	A75B3-42391	00	Oil seal 油封8X14X4	2	
19	A75B3-42061	01	Pin 销	2	
20	B6150-00030	00	Snap ring 挡圈30	2	GB894.1-86
21	A75B3-40221	04	Wheel cylinder ass'y (Inc.47,48) 制动分泵总成	2	左右对称各一 Left & right types
22	AP613-02041	02	Seat 太阳轮支座	2	
23	A75B3-42231	01	Spring 压缩弹簧	6	
24	A75B3-42081	03	Gear 太阳轮	2	
25	A75B3-40231	00	Planet gear ass'y 行星齿轮总成	6	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

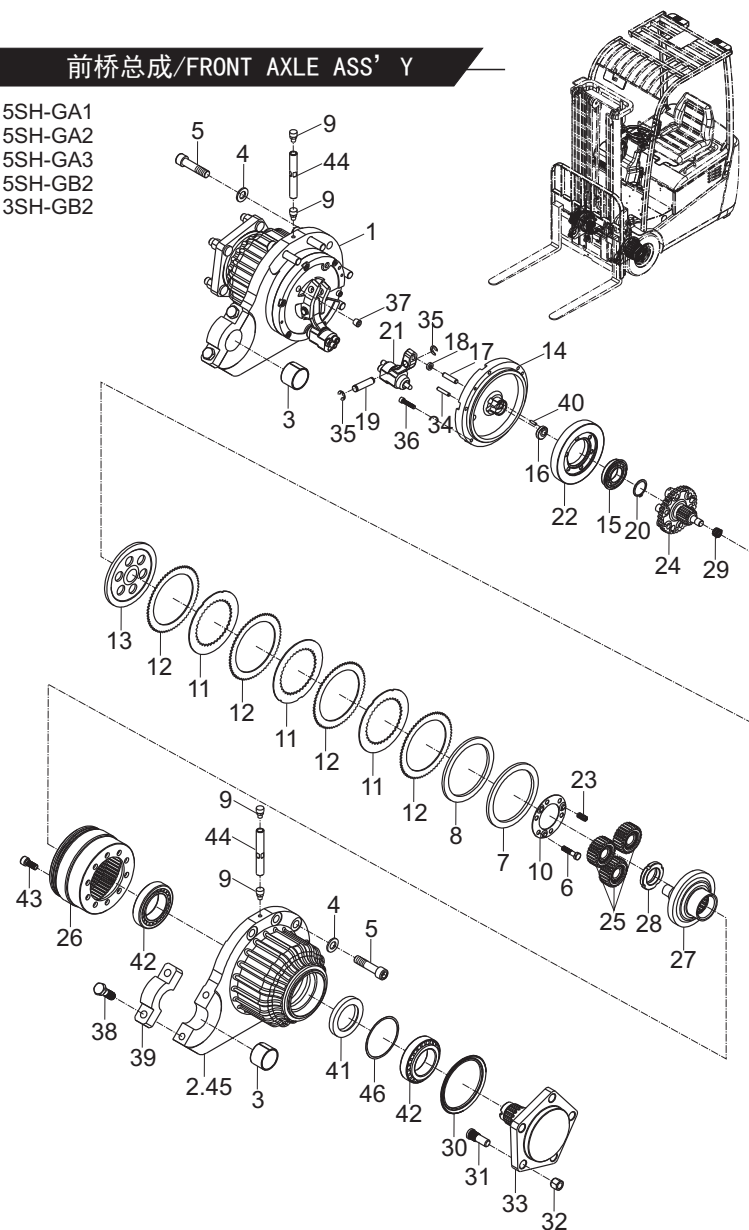
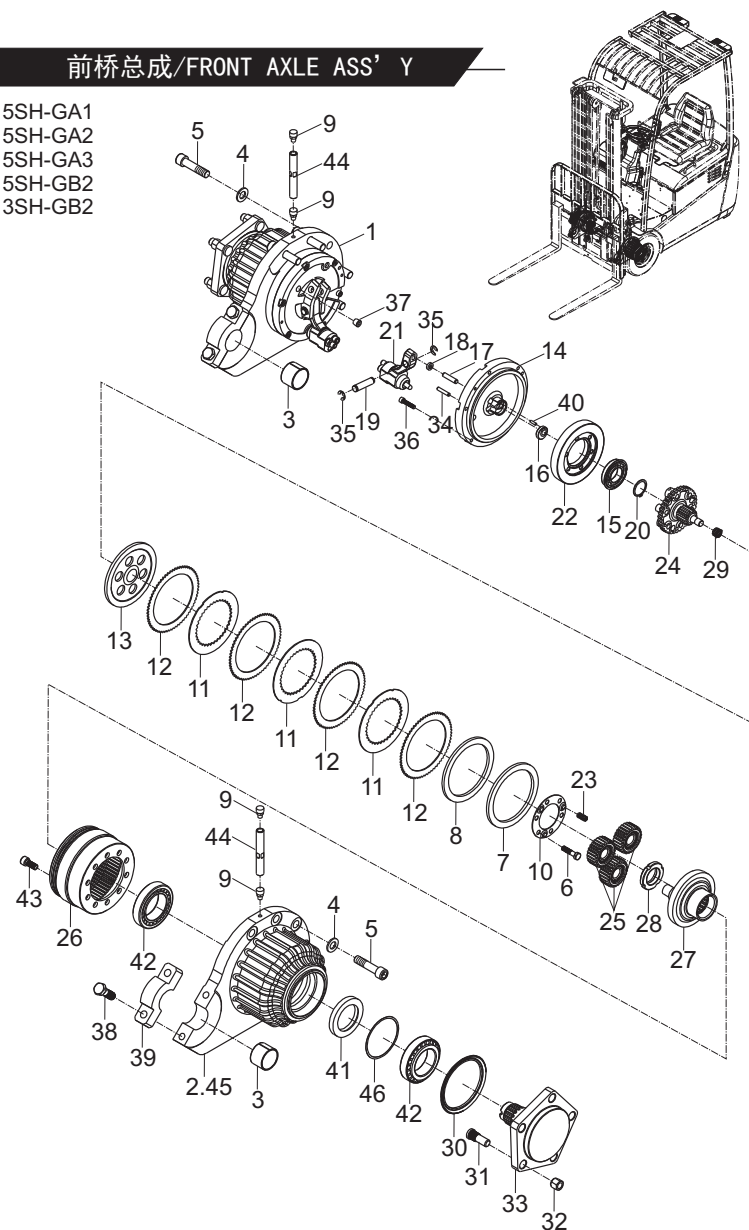


图3/FIG. 3

前桥总成/Front Axle Ass'y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
26	A75B3-42181	03	Gear ring 齿圈	2	
27	A75B3-42191	02	Carrier,planet 行星架	2	
28	AP613-02201	00	Nut 螺母M36x1.5	2	
29	Z-K121610	00	Bearing 轴承K12X16X10	2	JB/T7918-97
30	A75B3-40251	00	Seal GAMMA密封件	2	
31	Q70B1-02031	02	Bolt 轮毂螺栓	10	
32	A61F3-02021	01	Nut 轮辋螺母	10	
33	A75B3-42211	07	Shaft axle 输出半轴	2	
34	B3120-06030	00	Pin 销B6X30	2	GB119-86
35	B6250-00009	00	Snap ring 挡圈9	4	GB896-86
36	B8030-06020	00	Screw 螺钉M6X20	12	GB70-85
37	22518-40151	02	Plug 螺塞	4	
38	ZB1A3-12111	00	Bolt 10.9级螺栓M14X1.5X42	4	
39	AP613-02051	02	Cover 轴承盖	2	
40	B3120-04014	00	Pin 销B4X14	2	GB119-86
41	A75B3-42361	00	Oil seal 油封55X80X10	2	
42	Z-32011	00	Bearing 轴承32011	4	GB/T297-94
43	B8030-10025	00	Screw 螺钉M10X25	20	GB70-85
44	AP613-02211	02	Ventilate tube 透气管	2	
45	AP613-02011	05	Case R. H. 壳体(右)	2	
-	AP613-02021	03	Case L. H. 壳体(左)	2	
46	A75B3-42221	01	Shim 调整垫片	2	
47	T1015-3502001B	00	Cap 护罩	2	
48	TC3010-1602004A	00	Cup,piston 皮圈	2	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2



前轮总成/Front Wheel Ass'y

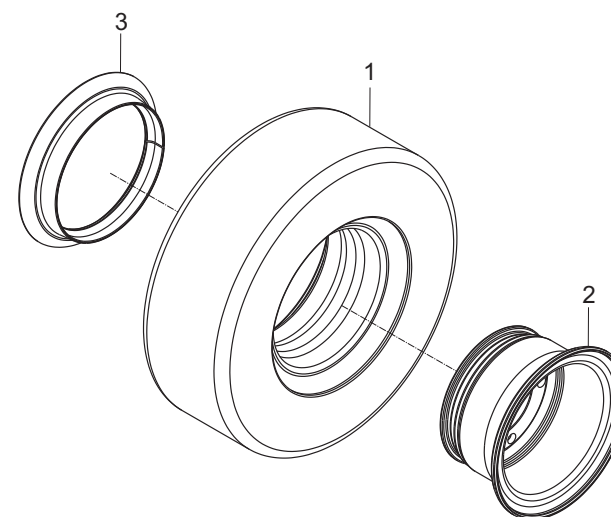
9

图5/FIG. 5

电气系统/ELECTRIC SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP612-40001	D04	Electric system 电气系统	1	CPD15SH-GA3
-	AP632-40001	D04	Electric system 电气系统	1	CPD15SH-GA2
-	AP652-40001	D01	Electric system 电气系统	1	CPD15SH-GA1
01	D08QZHD24-LED	00	Head lamp 合力前组合灯	2	
02	A22A2-40260-3	D00	Rubber ring 出线胶圈	4	
03	AP612-40161	D01	Rear work lamp harness 警示后工作灯线束	1	选配 Option
04	A7G52-40101	00	Combination switch 双手柄组合开关	1	
05	Q74A2-42041	01	Key switch 钥匙开关	1	不通用 Not current
-	Q74A2-42041T	00	Key switch 通用钥匙开关	1	通用Current CPD15SH-GA1,GA2
06	A73J2-40402A	00	Hand brake switch 手制动开关	1	
07	A63V2-40501	00	Accelerator 踏板加速器	1	
08	B0330-08020	00	Bolt 螺栓M8X20	6	GB5783-86
09	B5310-00008	00	Washer 垫圈8	6	GB97.1-85
10	B5050-00008	00	Washer,lock 垫圈8	6	GB93-87
11	B4123-00008	00	Nut 螺母M8	2	GB6170-86
12	P90J2-41501	00	Horn filter 喇叭滤波器	1	
13	B1010-04010	00	Screw 螺钉M4X10	2	GB65-85
14	P90J2-41401	00	Horn 喇叭	1	
15	B1010-06016	00	Screw 螺栓M6X16	5	GB65-85
16	B5310-00006	00	Washer 垫圈6	5	GB97.1-85
17	B5050-00006	00	Washer,lock 垫圈6	5	GB93-87
18	B4123-00006	00	Nut 螺母M6	1	GB6170-86
19	AP612-40201	01	Pump motor 交流泵电机	1	
20	A61Q2-40201	00	Control SW. 多路阀控制开关	2	二片阀 Two-throw
				3	三片阀 Three-throw
				4	四片阀 Four-throw
21	A65F2-41701	00	Lift timing sensor 起升调速传感器	1	
22	XB2-BS542	00	Switch,stop 急停开关	1	
23	HRAP612408	D03	Battery ass'y 蓄电池组	1	720AH 标配 Normal See fig.7
-	HRAP612408Y	D03	Battery ass'y 蓄电池组	1	720AH无漏液孔 选配 Option See fig.9

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3

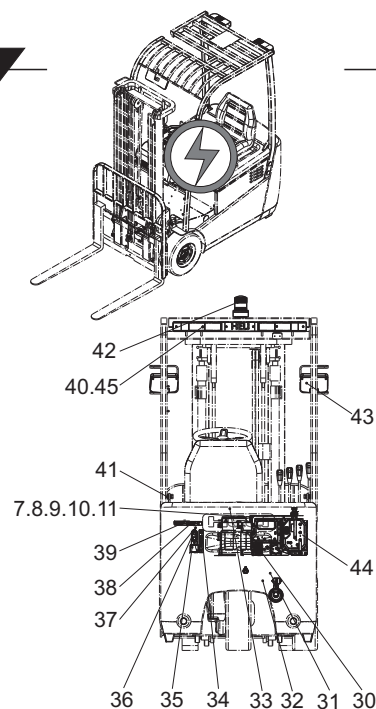
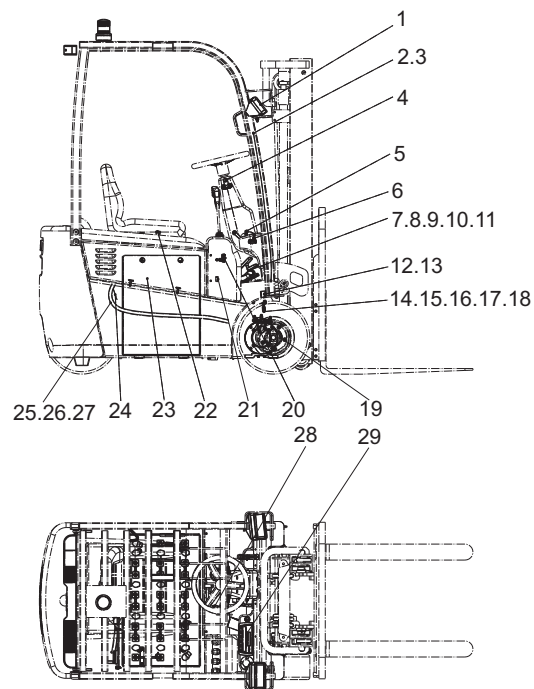
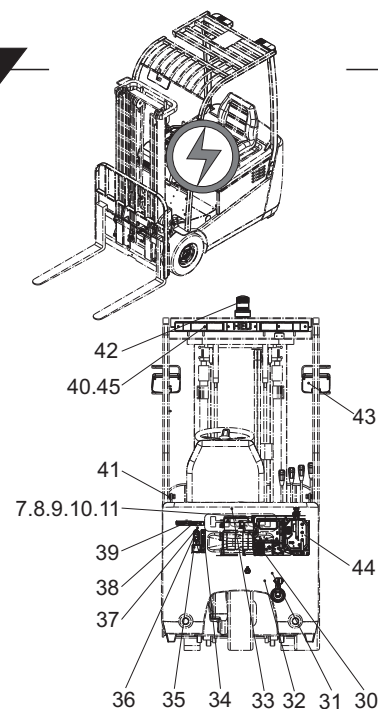
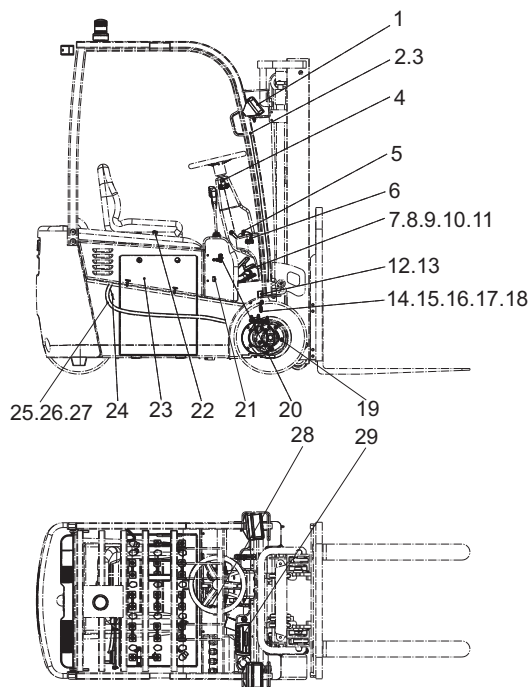


图5/FIG. 5

电气系统/ELECTRIC SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
24	AP612-40041	D03	Wire harness,body 车身线束	1	CPD15SH-GA3 See fig.11
-	AP632-40041	D03	Wire harness,body 车身线束	1	CPD15SH-GA2 See fig.12
-	AP632-40041B	D00	Wire harness,body 车身线束	1	CPD15SH-GA2 选用 Option See fig.13
-	AP652-40041	D01	Wire harness,body 车身线束	1	CPD15SH-GA1 See fig.14
-	AP652-40041B	D01	Wire harness,body 车身线束	1	CPD15SH-GA1 选用 Option See fig.15
25	HRAP612401	D02	Link cable 电缆连接线	1	CPD15SH-GA2 CPD15SH-GA3
-	HRAP652401	D00	Link cable 电缆连接线	1	CPD15SH-GA1
26	D12-7427154	00	Connector ring 电机连接线磁环	12	CPD15SH-GA3
-	D12-7427150	00	Connector ring 电机连接线磁环	12	CPD15SH-GA1 CPD15SH-GA2
27	SY2985-BLK	D00	Terminal cap 接线柱护套	12	CPD15SH-GA3
				14	CPD15SH-GA1 CPD15SH-GA2
28	Z8740-JK205	00	Bake switch 脚制动开关	1	
29	A63V2-41101	00	OPTIO meter OPT10显示仪表	1	CPD15SH-GA3
-	AP632-40071	D01	MDI meter MDI仪表	1	CPD15SH-GA2
-	AP632-40071ZX	D00	MDI meter MDI仪表	1	中性包装 Neutral CPD15SH-GA2
-	M1D32-40291	D00	CURTIS840 meter CURTIS840仪表	1	CPD15SH-GA1
30	AP612-40031	D01	Controller ass'y 电控总成	1	CPD15SH-GA3 See fig.17
-	AP632-40031	D02	Controller ass'y 电控总成	1	CPD15SH-GA2 See fig.18
-	AP652-40031	D01	Controller ass'y 电控总成	1	CPD15SH-GA1 See fig.19
31	AP612-40021	D01	Principle diagram 电气原理图	1	CPD15SH-GA3 See fig.21
-	AP632-40021	D01	Principle diagram 电气原理图	1	CPD15SH-GA2 See fig.22
-	AP652-40021	D01	Principle diagram 电气原理图	1	CPD15SH-GA1 See fig.23
32	AP612-40061	D00	Form 控制器参数设置表	1	CPD15SH-GA3
-	AP632-40061	D00	Form 控制器参数设置表	1	CPD15SH-GA2
33	AP612-40101	02	Traction motor 交流牵引电机	1	
34	P90H2-40311	04	Fuse 熔丝盒	1	
35	D05DJB-24B1	00	Back buzzer 倒车蜂鸣器	1	
36	D07SG252	01	Flasher 电子闪光器	1	
37	Z9260-40180	D00	Belt clip 捆扎带4X180	18	
38	A71H2-40601	D05	Battery socket 电源插座(接蓄电池端)	1	See fig.25

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3



电气系统/ELECTRIC SYSTEM

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3

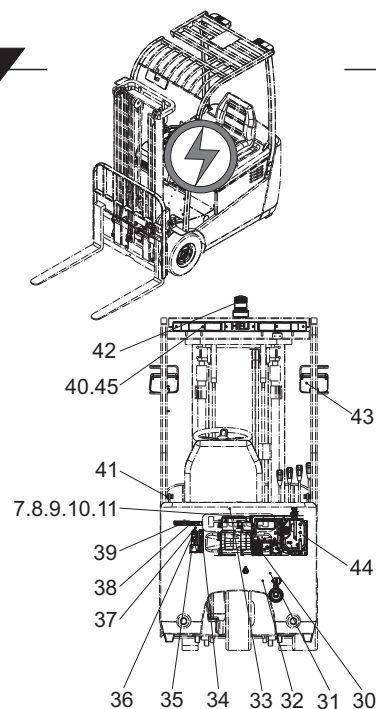
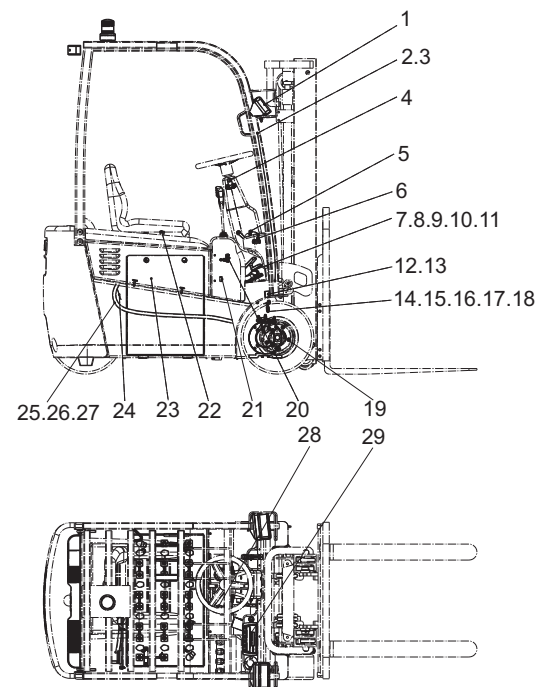


图6/FIG. 6

电气系统/ELECTRIC SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AQ632-40001	D00	Electric system 电气系统	1	CPD13SH-GB2
-	A6Y32-40001	D00	Electric system 电气系统	1	CPD15SH-GB2
01	D08QZHD24-LED	00	Head lamp 合力前组合灯	2	
02	H24C2-40701	D00	Rubber ring 防尘胶圈	6	
03	AQ632-40511	D00	Rear work lamp harness 警示灯过渡线	1	
04	A7G52-40101	00	Combination switch 双手柄组合开关	1	选配 Option
05	Q74A2-42041	01	Key switch 钥匙开关	1	
-	Q74A2-42041T	00	Key switch 通用钥匙开关	1	不通用 Not current
06	A7S92-40261	D02	Brake switch 停车制动开关	1	通用Current CPD15SH-GA1,GA2
07	A63V2-40501	00	Accelerator 踏板加速器	1	
08	B0330-08020	00	Bolt 螺栓M8X20	2	GB5783-86
09	B5310-00008	00	Washer 垫圈8	6	GB97.1-85
10	B5050-00008	00	Washer,lock 垫圈8	6	GB93-87
11	B4123-00008	00	Nut 螺母M8	2	GB6170-86
12	P90J2-41501	00	Horn filter 喇叭滤波器	1	
13	B1010-04010	00	Screw 螺钉M4X10	2	GB65-85
14	P90J2-41401	00	Horn 喇叭	1	
15	B1010-06012	00	Screw 螺钉M6X12	5	GB65-85
16	B5310-00006	00	Washer 垫圈6	5	GB97.1-85
17	B5050-00006	00	Washer,lock 垫圈6	5	GB93-87
18	B4123-00006	00	Nut 螺母M6	1	GB6170-86
19	AP612-40201	01	Pump motor 交流泵电机	1	
20	A7S92-40221	D00	Control SW. 阀控开关	2	二片阀 Two-throw
			阀控开关	3	三片阀 Three-throw
			阀控开关	4	四片阀 Four-throw
21	A65F2-41701	00	Lift timing sensor 起升调速传感器	1	
22	XB2-BS542	01	Switch,stop 紧急断电开关	1	
23	HRAQ632408	D00	Battery ass'y 蓄电池组	1	CPD13SH标配 Normal See fig.8
-	HRAQ632408Y	D00	Battery ass'y 蓄电池组(不带漏液孔)	1	CPD13SH无漏液孔 选配Option See fig.10
-	HRAP612408	D04	Battery ass'y 蓄电池组	1	CPD15SH标配 Normal See fig.7

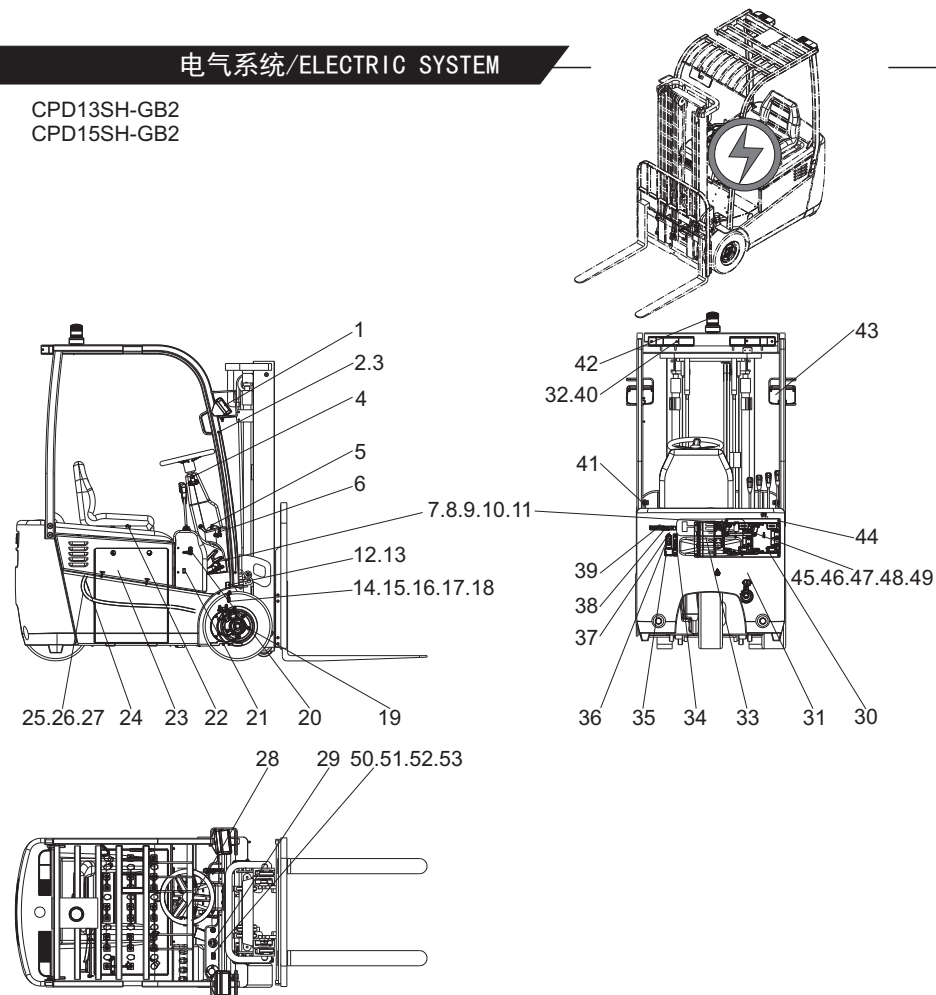


图6/FIG. 6

电气系统/ELECTRIC SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
-	HRAQ612408Y	D04	Battery ass'y 蓄电池组(不带漏液孔)	1	CPD15SH无漏液孔 选配Option See fig.9
24	AQ632-40041	D00	Wire harness,body 车身线束	1	See fig.16
25	HRAQ632401	D00	Link cable 电缆连接线	1	
26	HRAQ632401	D00	Link cable 电缆连接线	1	
27	HRAQ632401	D00	Link cable 电缆连接线	1	
28	Z8740-JK205	00	Bake switch 脚制动开关	1	
29	AP632-40071	D01	MDI meter MDI 仪表	1	
30	AQ632-40031	D00	Controller ass'y 电控总成	1	See fig.20
31	AQ632-40021	D00	Principle diagram 电气原理图	1	See fig.24
32	H2MD2-40111	D00	Mat 后组合灯垫	2	
33	AQ632-40101	00	Traction motor 交流牵引电机	1	
34	P90H2-40311	04	Fuse box 熔丝盒	1	
35	D05DJB-24B1	00	Back buzzer 倒车蜂鸣器	1	
36	D07SG252	01	Flasher 电子闪光器	1	
37	Z9260-40180	D00	Belt clip 捆扎带4X180	20	
38	A71H2-40601	D05	Battery socket 电源插座(接蓄电池端)	1	See fig.25
-	AP612-40121	D01	Battery socket 电源插座(接蓄电池端)	1	软连接选配 Option See fig.26
39	AP612-40111	D02	Battery socket 电源插座(接车体)	1	See fig.27
40	D08HZHD24-LED	01	Rear combination lamp 后组合灯	2	
41	G2L32-40401	00	Rubber ring 出线胶圈	2	
42	D08LED SG	D00	Running caution light LED闪光警示灯	1	选配 Option
-	D08LEDXZ	D00	Revolving caution light LED旋转警示灯	1	选配 Option
-	D08LEDXZFM	D00	Blinking caution light LED旋转蜂鸣警示灯	1	选配 Option
43	AA1E2-40351	D00	Lamp LED前大灯	1	选配 Option
44	B0330-08050	00	Work lamp 螺栓M8X50	2	GB5783-86
45	D12-7427151	D00	Bolt 电机连接线磁环	12	
46	SY2985-BLK	D00	Terminal cap 接线柱护套	14	
47	HRAQ632401	D00	Link cable 电缆连接线	1	
48	HRAQ632401	D00	Link cable 电缆连接线	1	
49	HRAQ632401	D00	Link cable 电缆连接线	1	

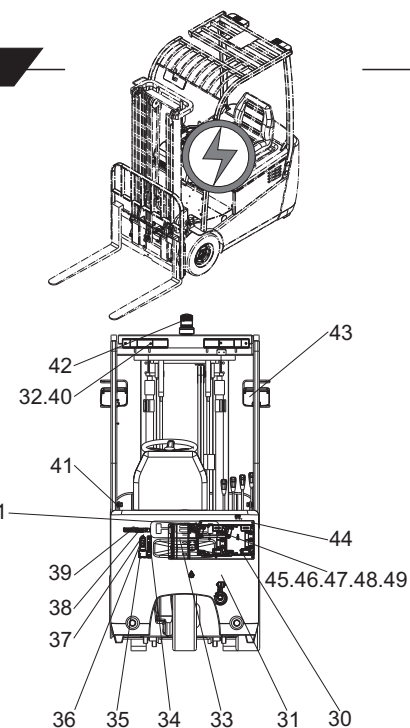
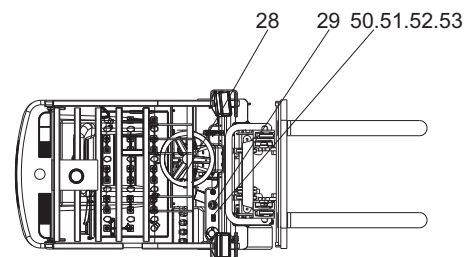
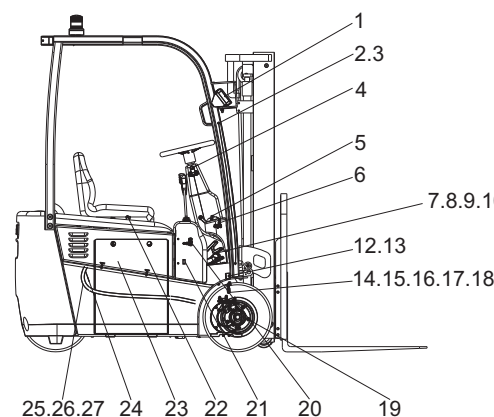
CPD13SH-GB2
CPD15SH-GB2

图6/FIG. 6 电气系统/ELECTRIC SYSTEM

图6/FIG. 6 电气系统/ELECTRIC SYSTEM

[illegible]

CPD13SH-GB2
CPD15SH-GB2

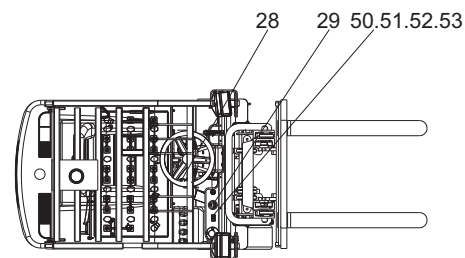
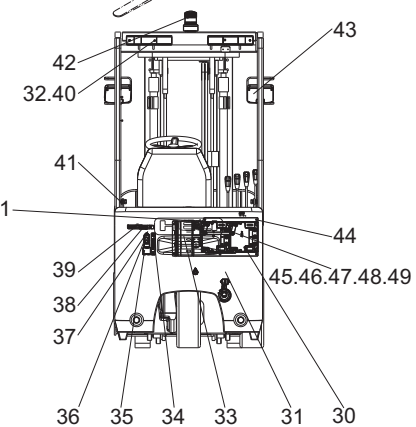
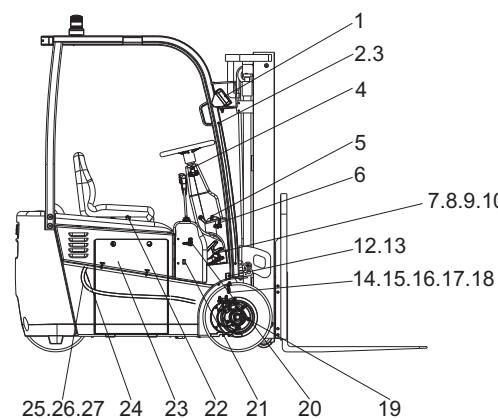
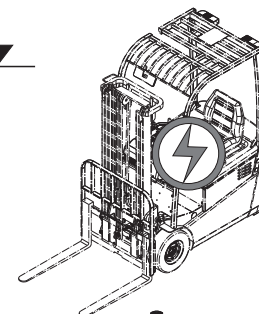
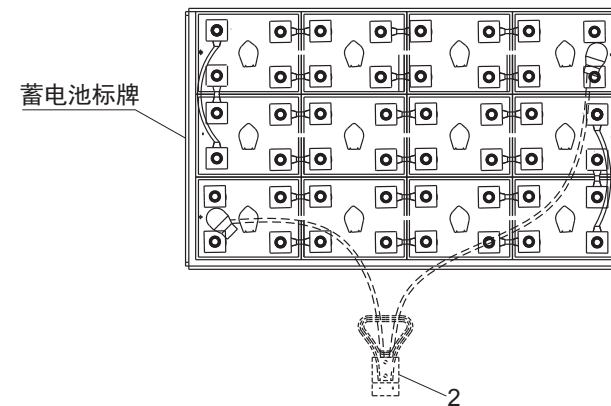
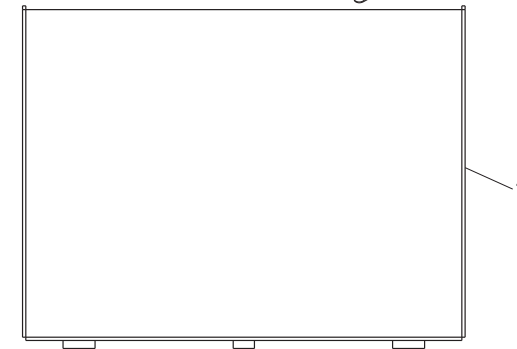
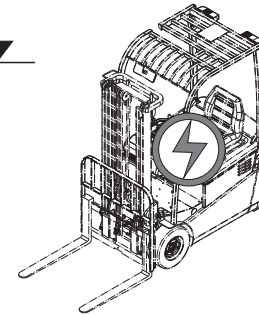


图7/FIG. 7

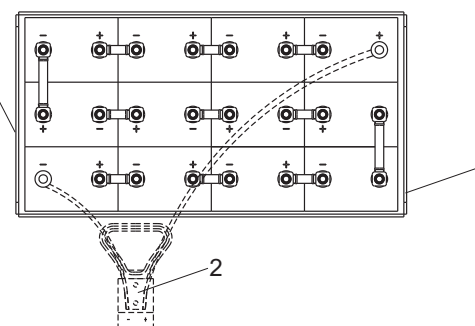
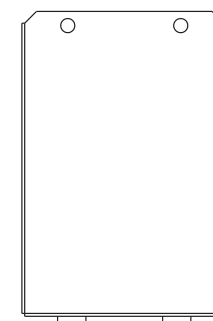
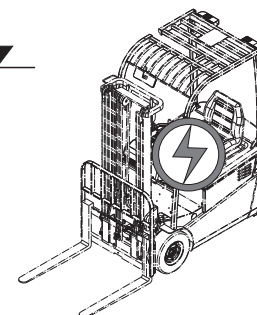
图7/FIG. 7

[illegible]

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2

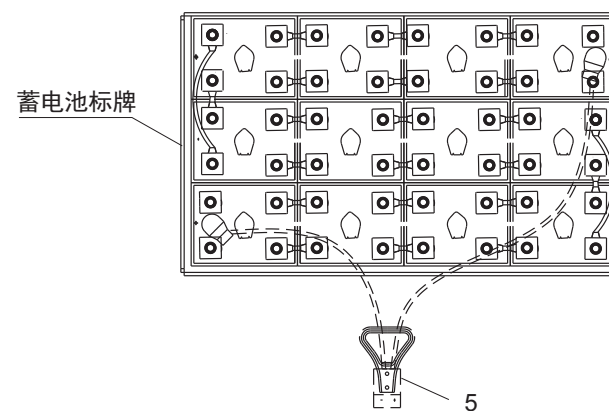
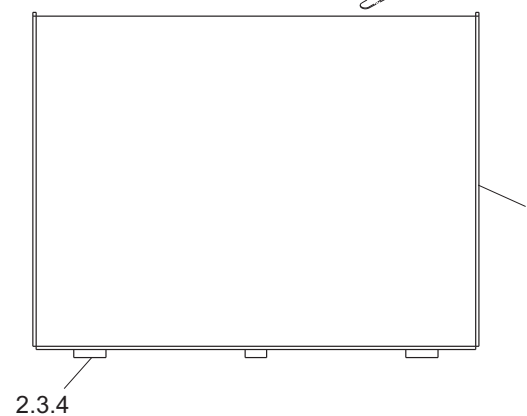
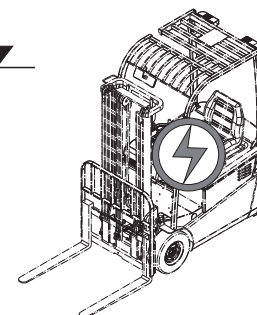


蓄电池组/BATTERY ASS'Y

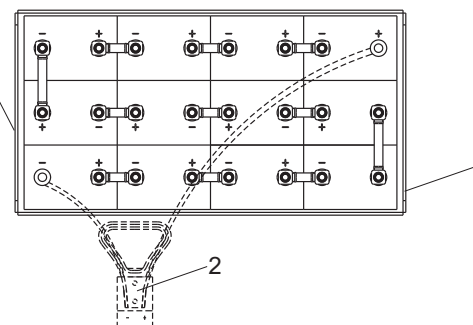
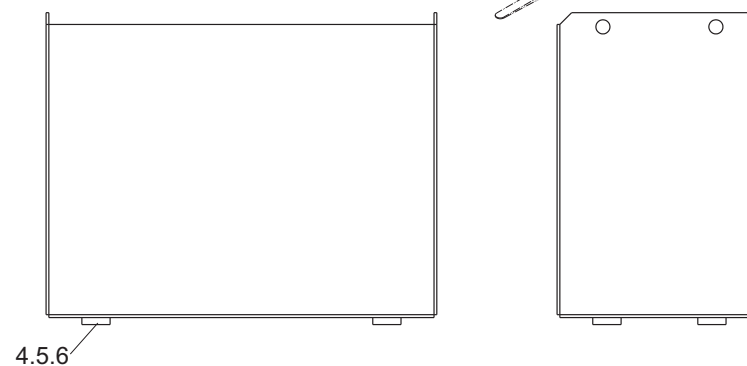
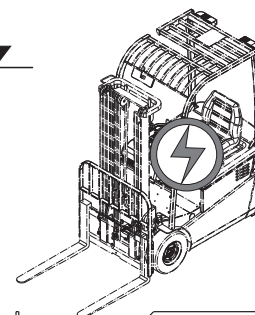
CPD13SH-GB2

蓄电池组(无漏液孔)/BATTERY ASS'Y(WITHOUT DRAIN HOLE)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2



蓄电池组(无漏液孔)/BATTERY ASS'Y(WITHOUT DRAIN HOLE)

CPD13SH-GB2

车身线束/WIRE HARNESS, BODY

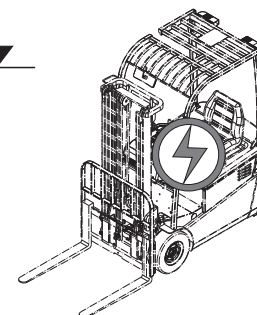
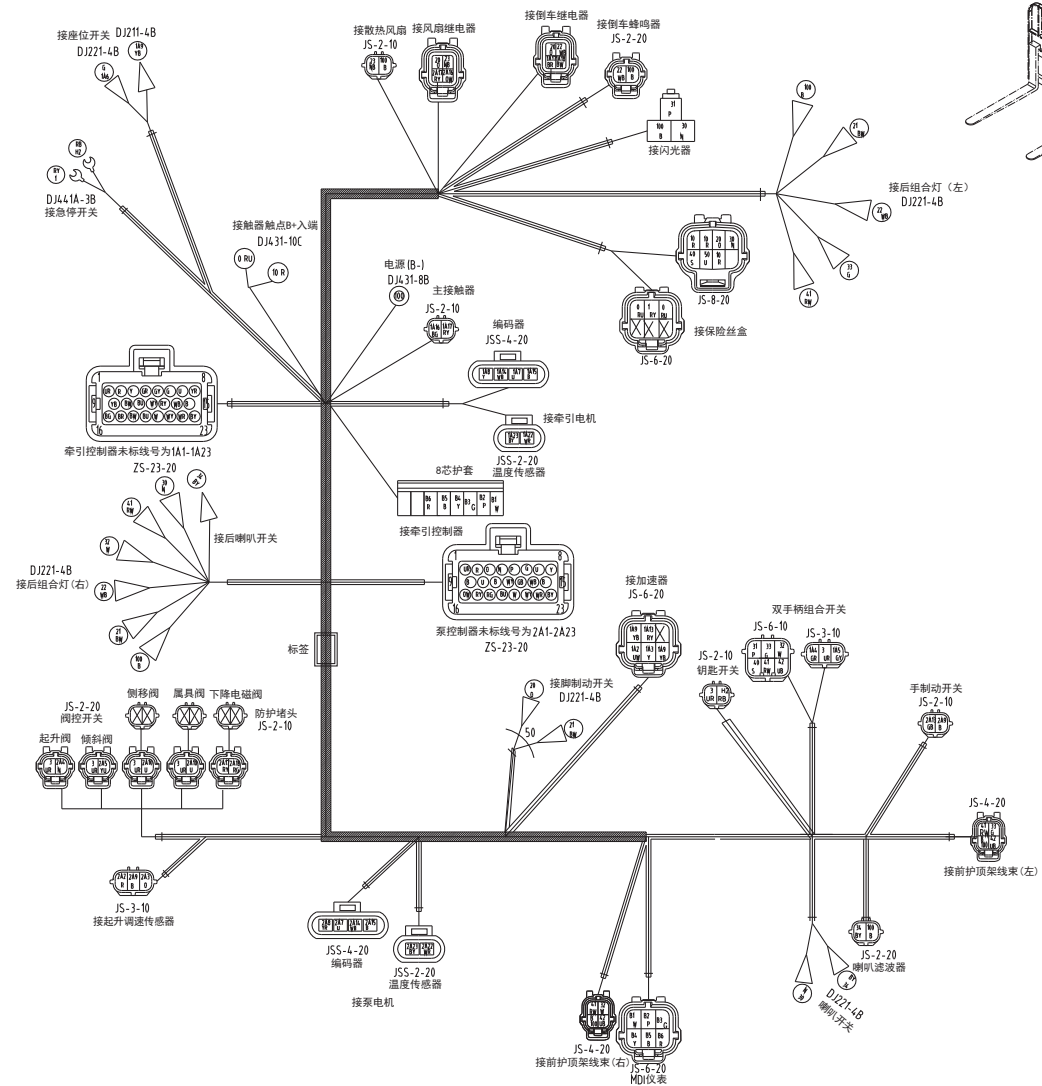


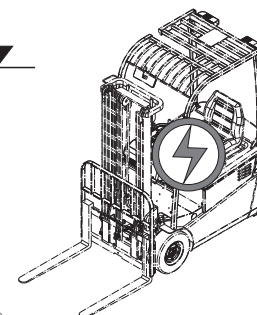
图12/FIG. 12

车身线束/WIRE HARNESS, BODY

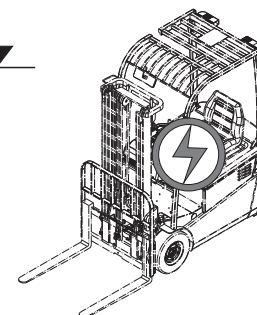
CPD15SH-GA2



车身线束(选用)/WIRE HARNESS, BODY (OPTION)



车身线束/WIRE HARNESS, BODY



车身线束(选用)/WIRE HARNESS, BODY (OPTION)

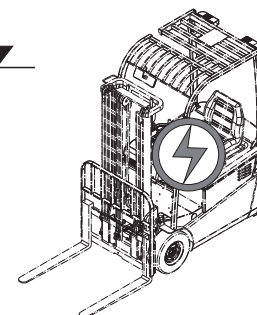
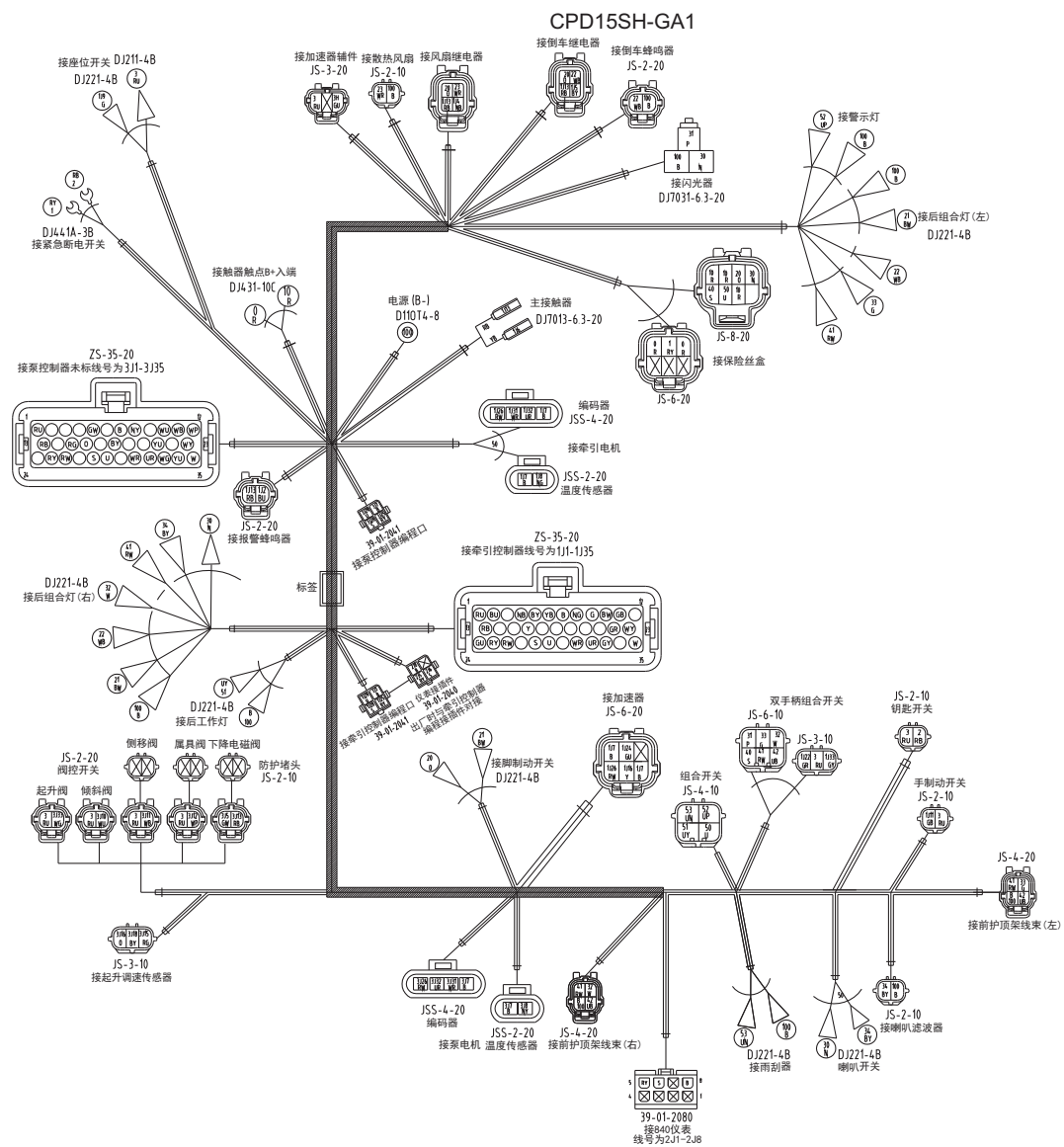
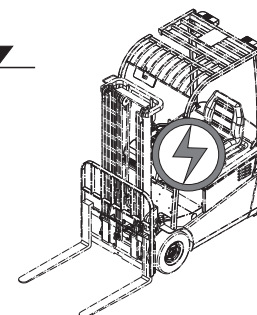
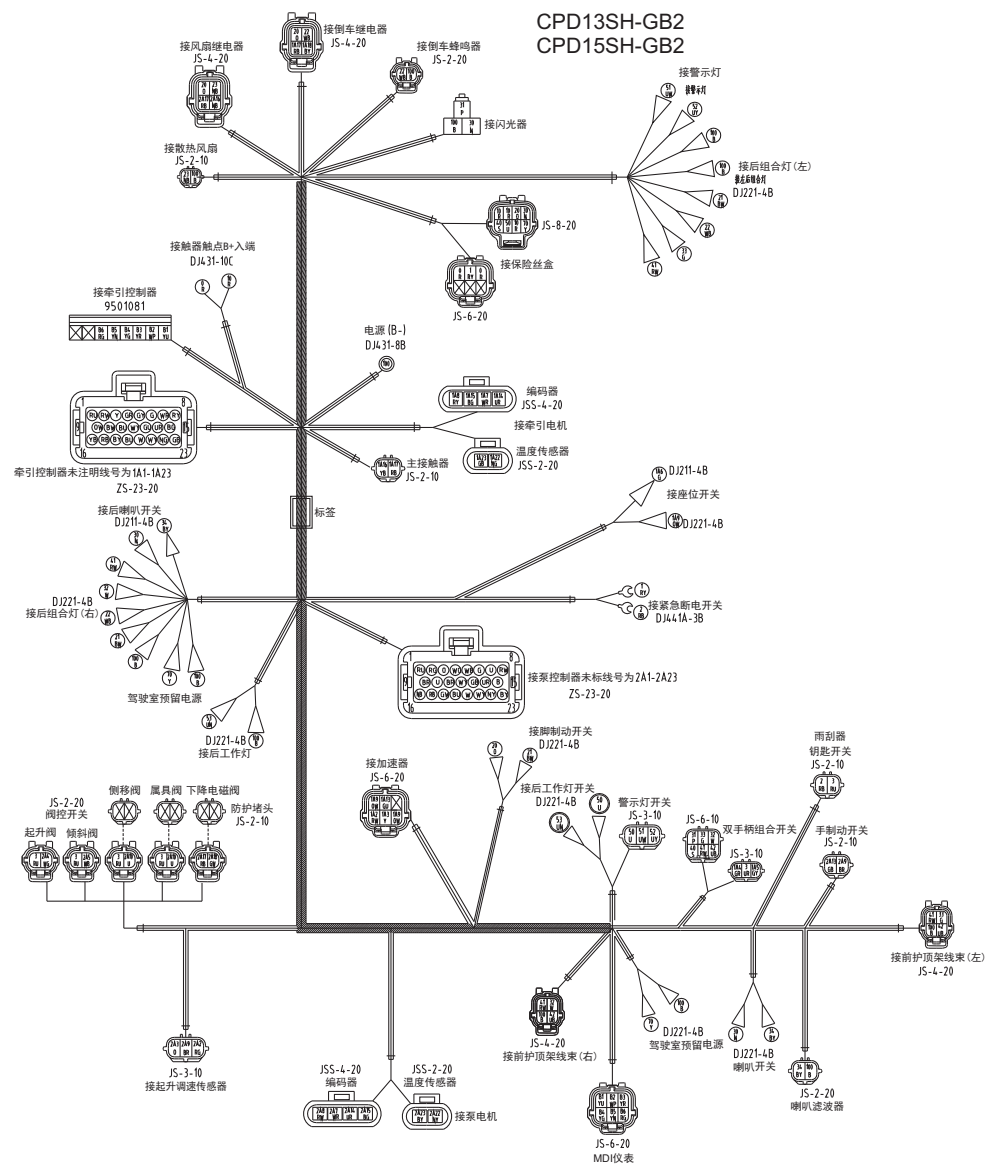


图16/FIG. 16

车身线束/WIRE HARNESS, BODY



电控总成/CONTROLLER ASS'Y

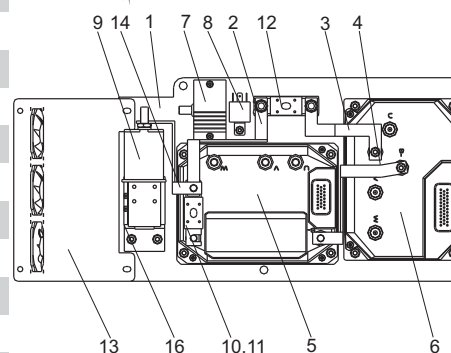
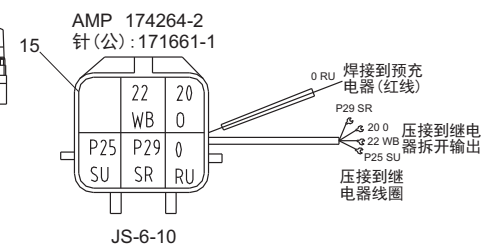
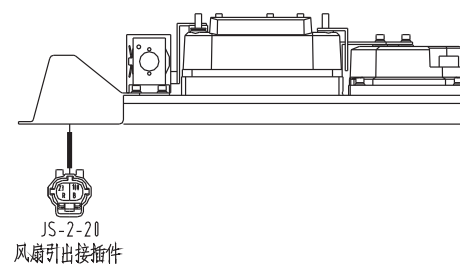
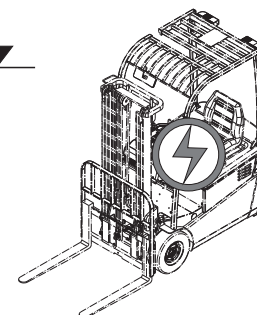
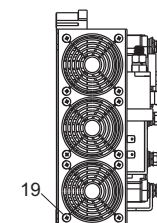
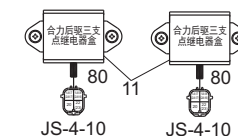
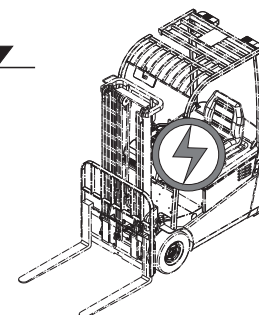
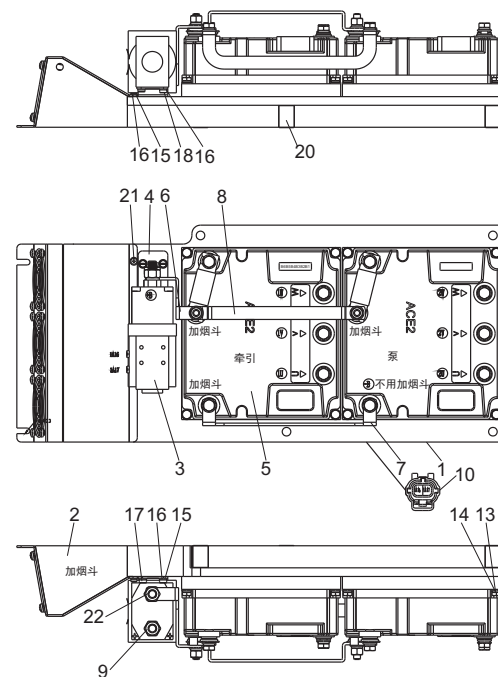
CPD15SH-GA3

图18/FIG. 18

电控总成/CONTROLLER ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP632-40031	D02	Controller ass'y	电控总成	1
01	QLB7.059.101	00	Coolant plate	散热底板	1
02	QLB7.059.202	00	Sheald dust	风扇罩壳	1
03	SW200-281	00	Main contactor	主接触器	1
04	QLB7.059.201	00	Bracket	主接触器支架	1
05	24V/500A ACE2	00	Controller	控制器	1
06	QLB7.059.001	00	Copper bar	铜条1	1
07	QLB7.059.003	00	Copper bar	铜条3	1
08	QLB7.059.002	00	Copper bar	铜条2	1
09	B5310-00010	00	Washer	垫圈10	1 GB97.1-85
10	QLB6.059.601	00	Wiring harness	控制器小线束	1
11	QLB2.059.701	00	Relay box	合力后驱三支点继电器盒	2
12	B5310-00006	00	Washer	垫圈6	8 GB97.1-85
13	B5850-00006	00	Washer,lock	垫圈6	8 GB859-87
14	B0330-06030-	00	Screw	螺栓M6x30	8 gb5783-86
15	B5310-00005	00	Washer	垫圈5	3 GB97.1-85
16	B5850-00005	00	Washer,lock	垫圈5	5 GB859-87
17	B1010-05016	00	Screw	螺钉M5x16	2 GB65-85
18	B1010-05008	00	Screw	螺钉M5x8	2 GB65-85
19	GB845-85	00	Screw	M5十字头自攻螺钉	12
20	QLB7.059.203	00	Spacer	垫柱	4
21	B1210-05008	00	Screw	螺钉M5x8	1 GB818-85
22			Pipe	烟斗	4

CPD15SH-GA2



电控总成/CONTROLLER ASS'Y

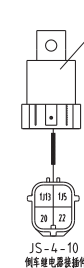
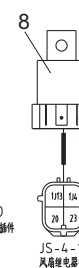
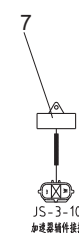
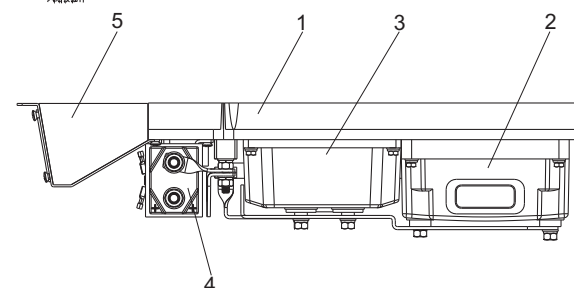
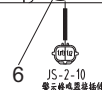
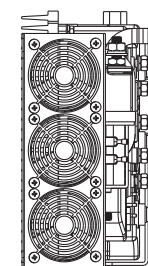
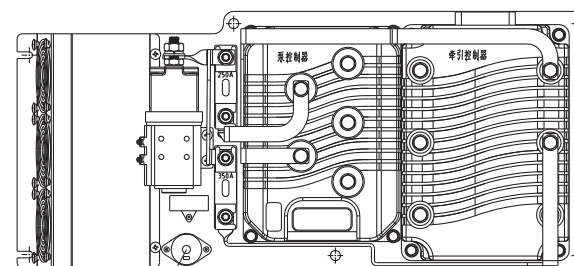
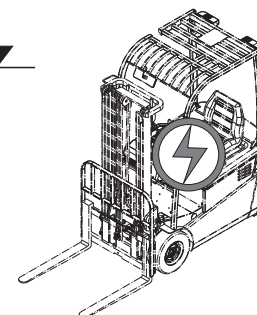
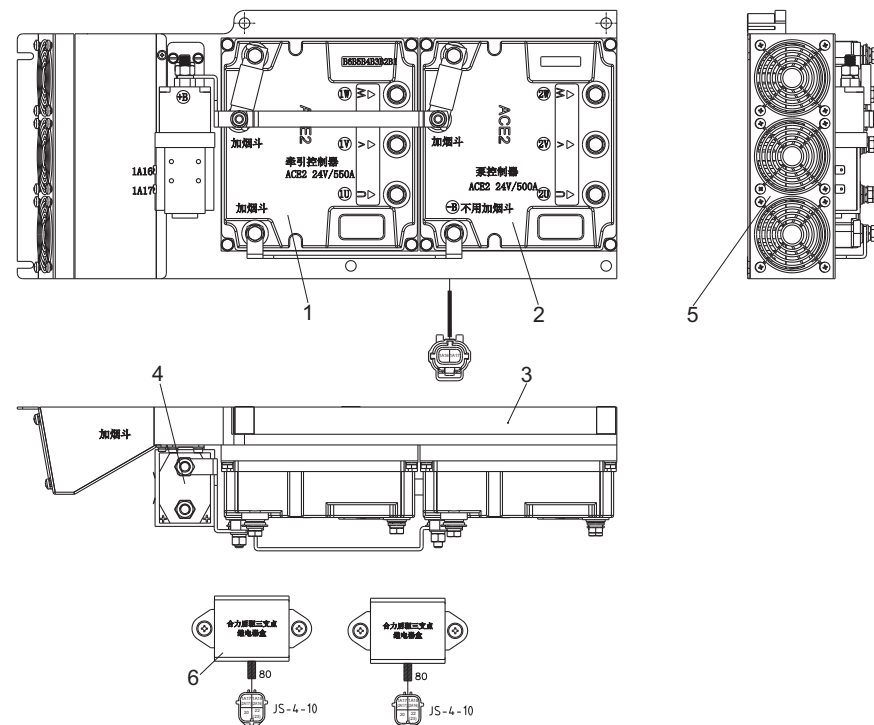
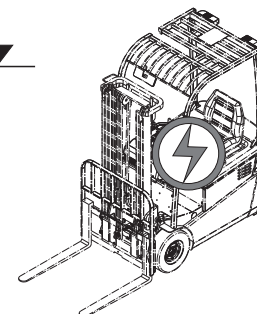
CPD15SH-GA1

图20/FIG. 20 电控总成/CONTROLLER ASS'Y

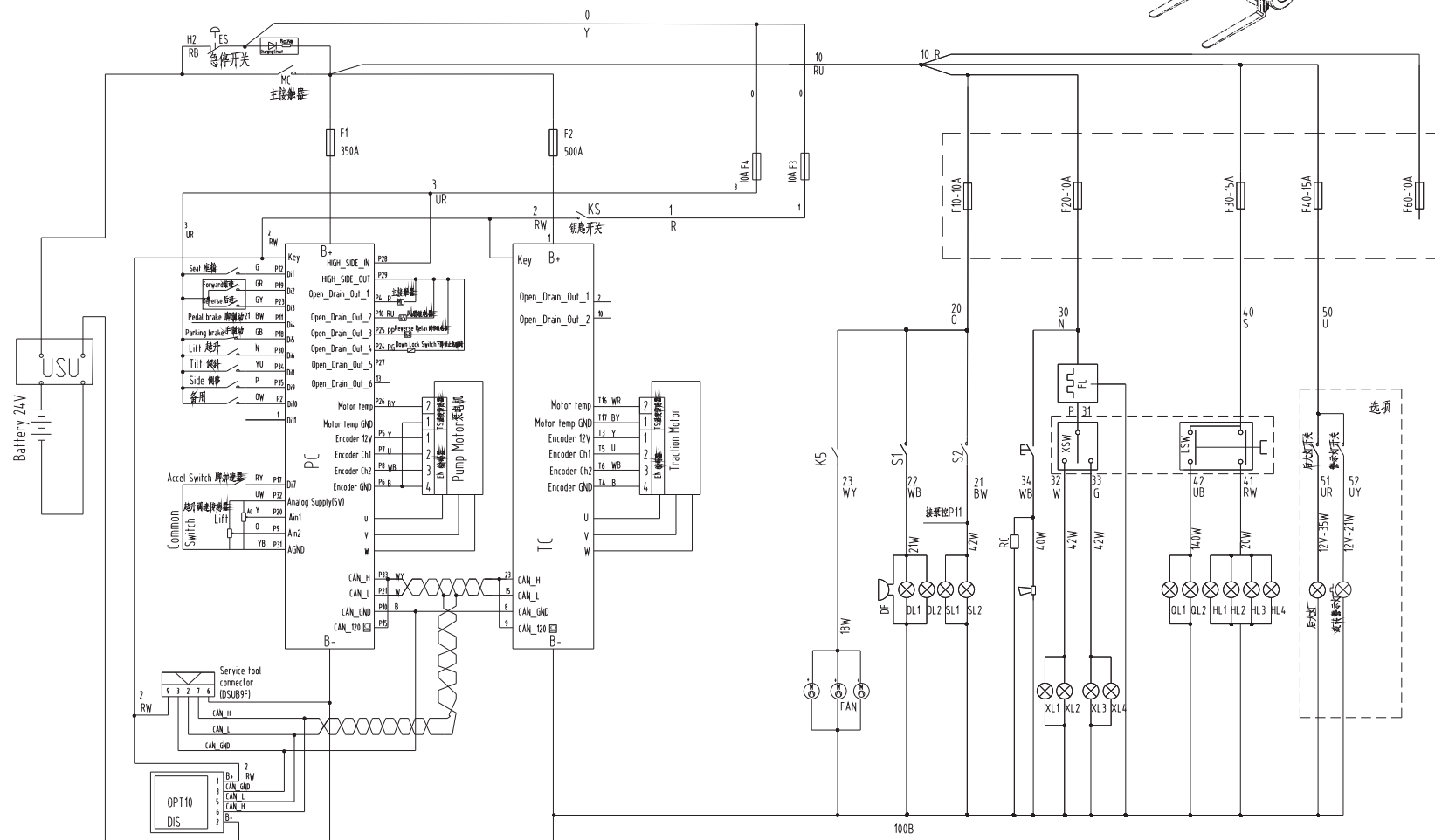
电控总成/CONTROLLER ASS'Y

[illegible]

CPD13SH-GB2
CPD15SH-GB2



电气原理图/PRINCIPLE DIAGRAM



电气原理图/PRINCIPLE DIAGRAM

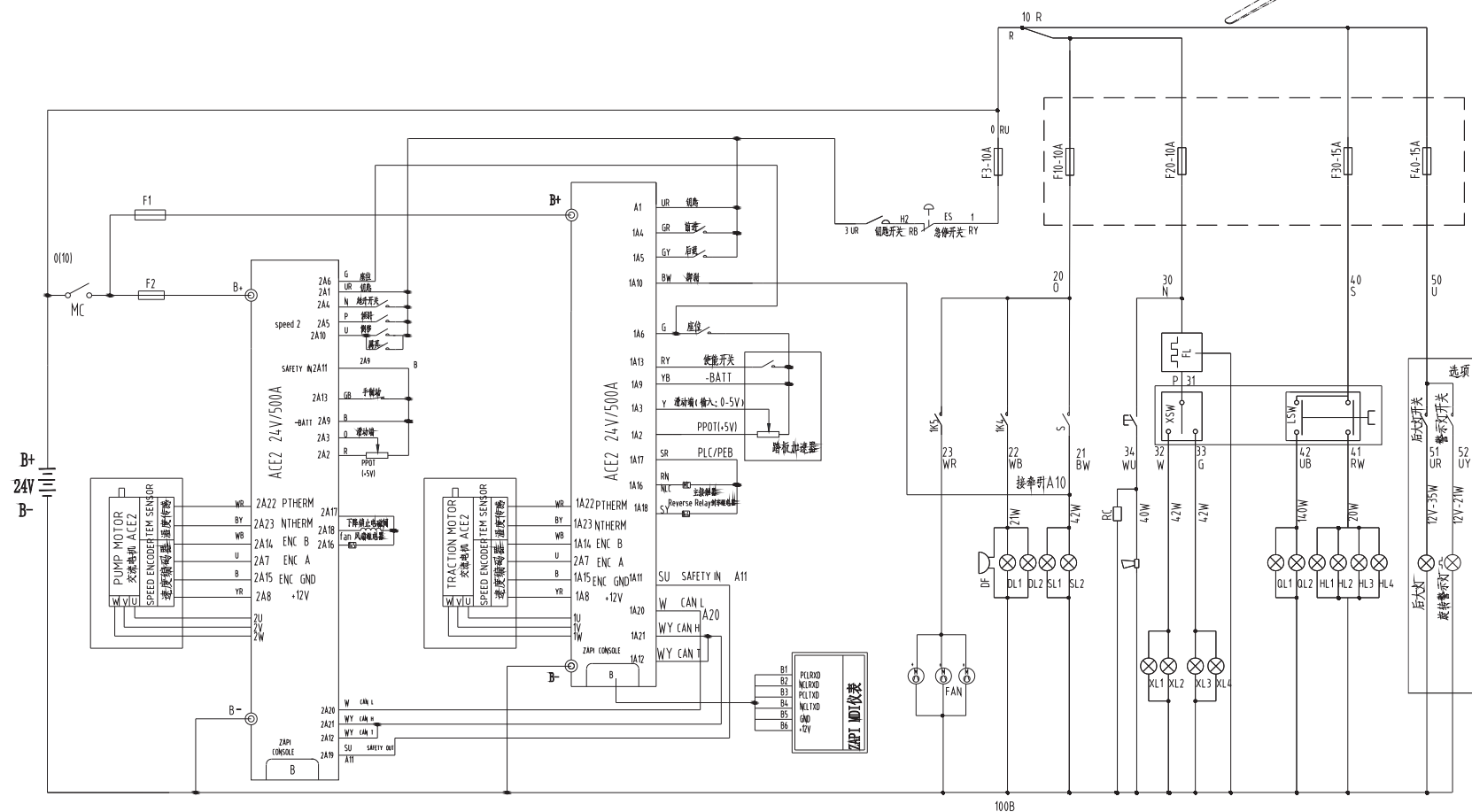


图23/FIG. 23

电气原理图/PRINCIPLE DIAGRAM

CPD15SH-GA1

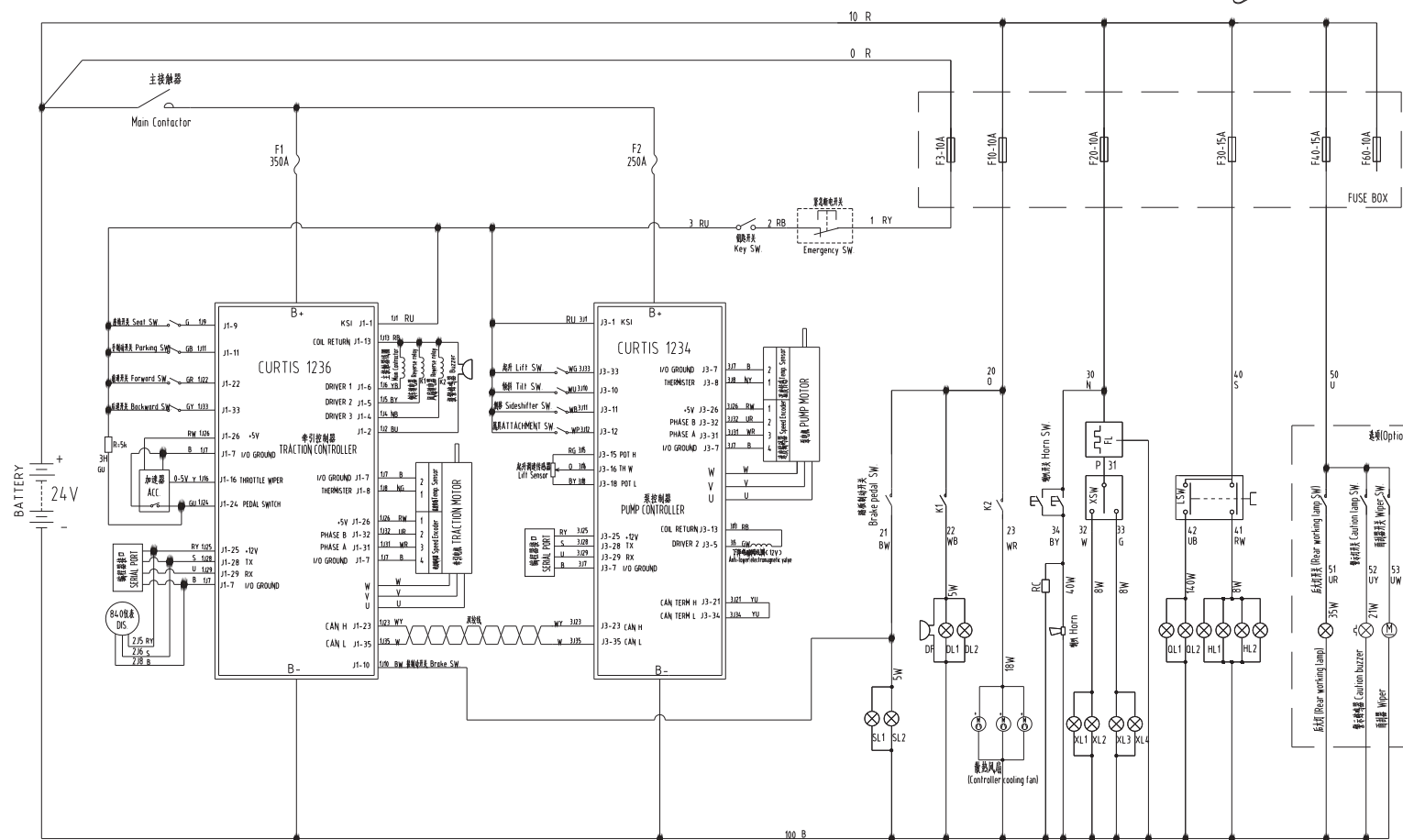
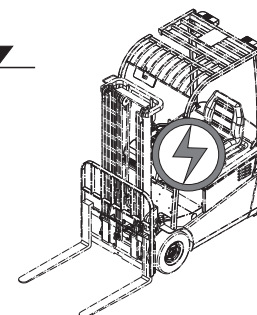
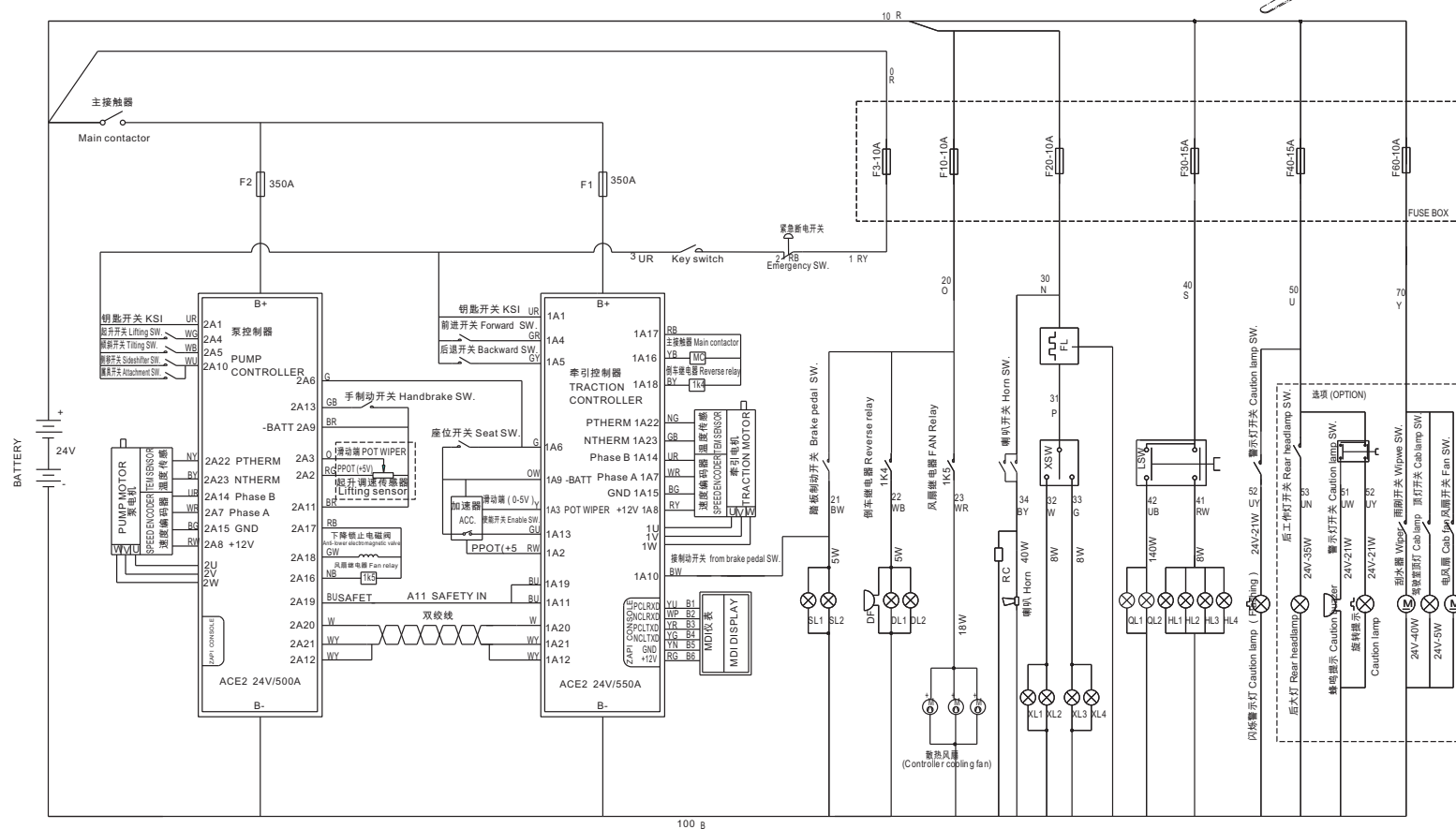
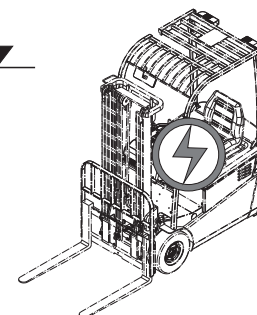


图24/FIG. 24

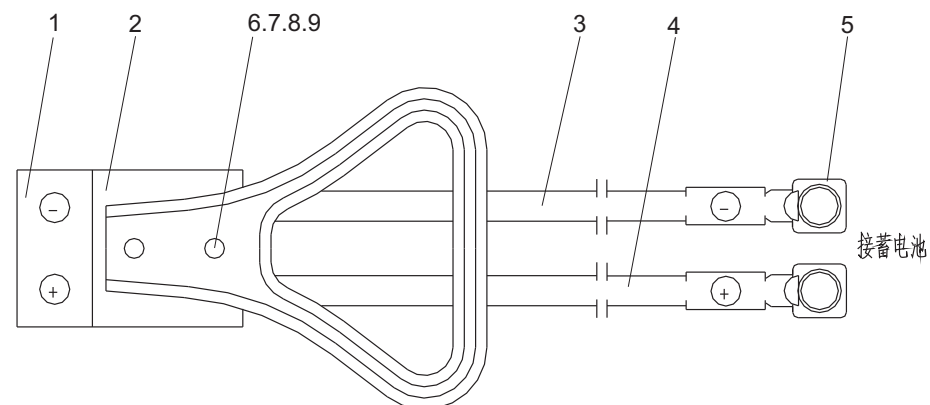
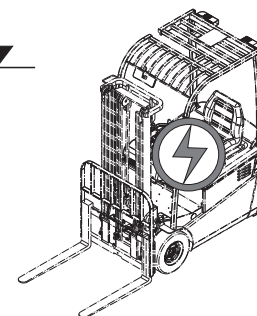
电气原理图/PRINCIPLE DIAGRAM

CPD13SH-GB2
CPD15SH-GB2



电源插座(接蓄电池端选用)/BATTERY SOCKET (TO BATTERY OPTION)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2



电源插座(接车体端)/BATTERY SOCKET (TO BODY)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

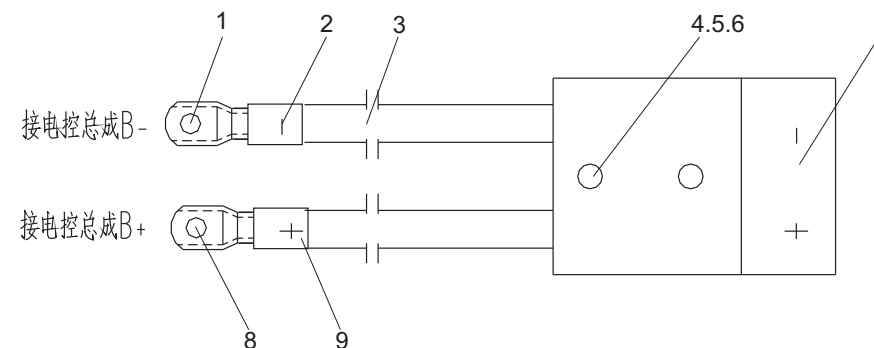
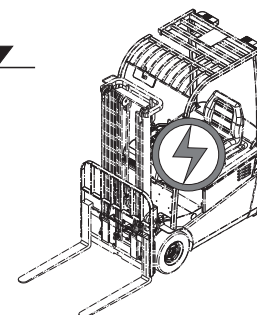


图28/FIG. 28

转向系统/STEERING SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP614-10001	04	Steering system 转向系统	1	
01	AP614-10101	03	Cabinet ass'y 仪表架总成	1	
02	A7G54-10201	03	Steering column ass'y (Inc.21-27) 转向管柱总成	1	
03	A7G54-12171	00	Bracket 安装支架总成	1	
04	A7G54-10301	00	Handle wheel ass'y 方向盘总成	1	
-	A7G54-10301B	00	Handle wheel ass'y 方向盘总成	1	不带手柄球 Without knob
05	AP614-10201	D01	Steering unit 转向器总成	1	
06	G27Z4-12031	01	Knob ass'y(Inc.28-31) 手柄总成	1	
07	B5910-00010	00	Washer 垫圈10	1	GB5287-85
08	A61Q4-12101	01	Rubber washer 摩擦胶垫	1	
09	A7X34-12121	01	Connection sleeve 联结套	2	
10	B0530-10020	00	Bolt 螺栓M10X1.25X20	2	GB5786-86
11	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
12	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
13	B0330-10045	00	Bolt 螺栓M10X45	4	GB5783-86
14	B0530-12025	00	Bolt 螺栓M12X1.25X25	2	GB5786-86
15	B5050-00012	00	Washer,lock 垫圈12	2	GB93-87
16	B5310-00012	00	Washer 垫圈12	2	GB97.1-85
17	B0330-08020	00	Bolt 螺栓M8X20	6	GB5783-86
18	B5310-00008	00	Washer 垫圈8	6	GB97.1-85
19	B5050-00008	00	Washer,lock 垫圈8	6	GB93-87
20	B1210-05012	00	Screw 螺钉M5X12	4	GB818-85
21	A7G54-10211	03	Bracket 管柱支架总成	1	
22	A7G54-12011	04	Main shaft 主轴	1	
23	F3404160	00	Screw sleeve 螺套M16	1	
24	B5310-00016	00	Washer 垫圈16	1	GB97.1-85
25	Z-61904-Z	00	Bearing 轴承61904-Z	1	GB/T276-94
26	B6050-00037	00	Snap ring 挡圈37	1	GB893.1-86
27	A7G54-12231	00	Snap ring 挡圈19	1	GB894.1-86
28	G27Z4-12031A	02	Knob 手柄	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

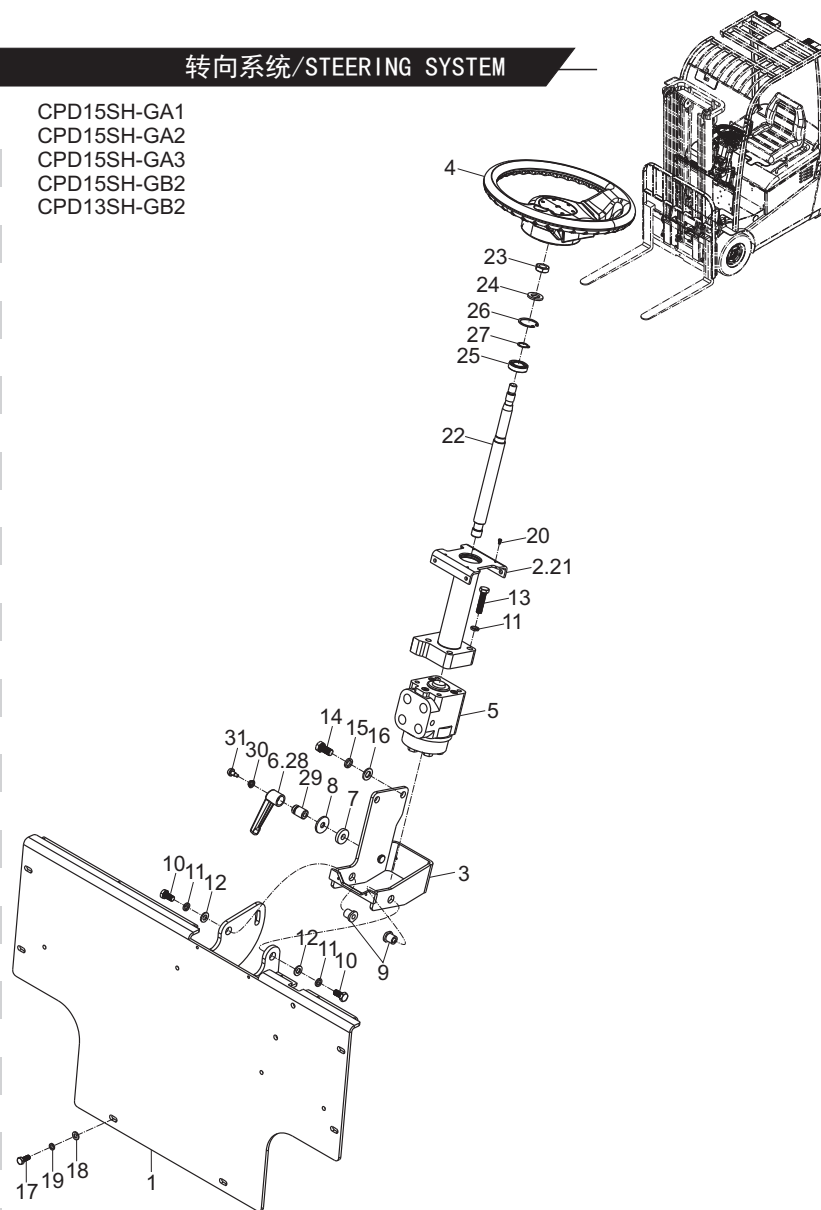


图29/FIG. 29

行车制动系统/BRAKE CONTROL SYSTEM

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP615-40001	03	Brake control system 行车制动系统	1	
01	AP615-40201	03	Bracket 制动支架	1	
02	AP615-40301	00	Pin 销轴总成	1	
03	AP615-40401	02	Pedal,brake 制动踏板	1	
04	AP615-40501	01	Hose L.H. 制动胶管(左)	1	
05	23235-40091	02	Rubber 橡皮顶轴	1	
06	JT6025-10021	01	Nipple 直通接头体	2	
07	A63P5-42021	01	Spring 扭转弹簧	1	
08	25595-40302	01	Brake pump 制动总泵	1	
09	B0330-10025	00	Bolt 螺栓M10x25	4	GB5783-86
10	B5310-00010	00	Washer 垫圈10	6	GB97.1-85
11	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
12	B3220-08030	00	Pin 销B8x30	1	GB882-86
13	B3010-02016	00	Pin 销2x16	1	GB91-86
14	Z7300-09080	00	Hose 胶管Φ9x800	1	
15	15D20-00-13	00	Reserve tank 储油罐	1	
16	G27Z5-42461	00	Cushion 踏板垫	1	
17	B0330-10035	00	Bolt 螺栓M10x35	1	GB5783-86
18	AP615-40601	00	Hose R.H. 制动胶管(右)	1	
19	B5050-00008	00	Washer,lock 垫圈8	1	GB93-87
20	B5310-00008	00	Washer 垫圈8	1	GB97.1-85
21	B0330-08016	00	Bolt 螺栓M8x16	1	GB5783-86
22	23776-42351	01	Clip 卡子	1	
23	B0330-05016	00	Bolt 螺栓M5x16	1	GB5783-86
24	B5050-00005	00	Washer,lock 垫圈5	1	GB93-87
25	B5323-00005	00	Washer 垫圈5	1	GB97.1-85
26	Z2131-01625	00	Bushing 钢背轴承1625	2	Q/AC40001-2002
27	B0330-10030	00	Bolt 螺栓M10x30	2	GB5783-86
28	B4313-00010	00	Nut 螺母M10	3	GB6172-86

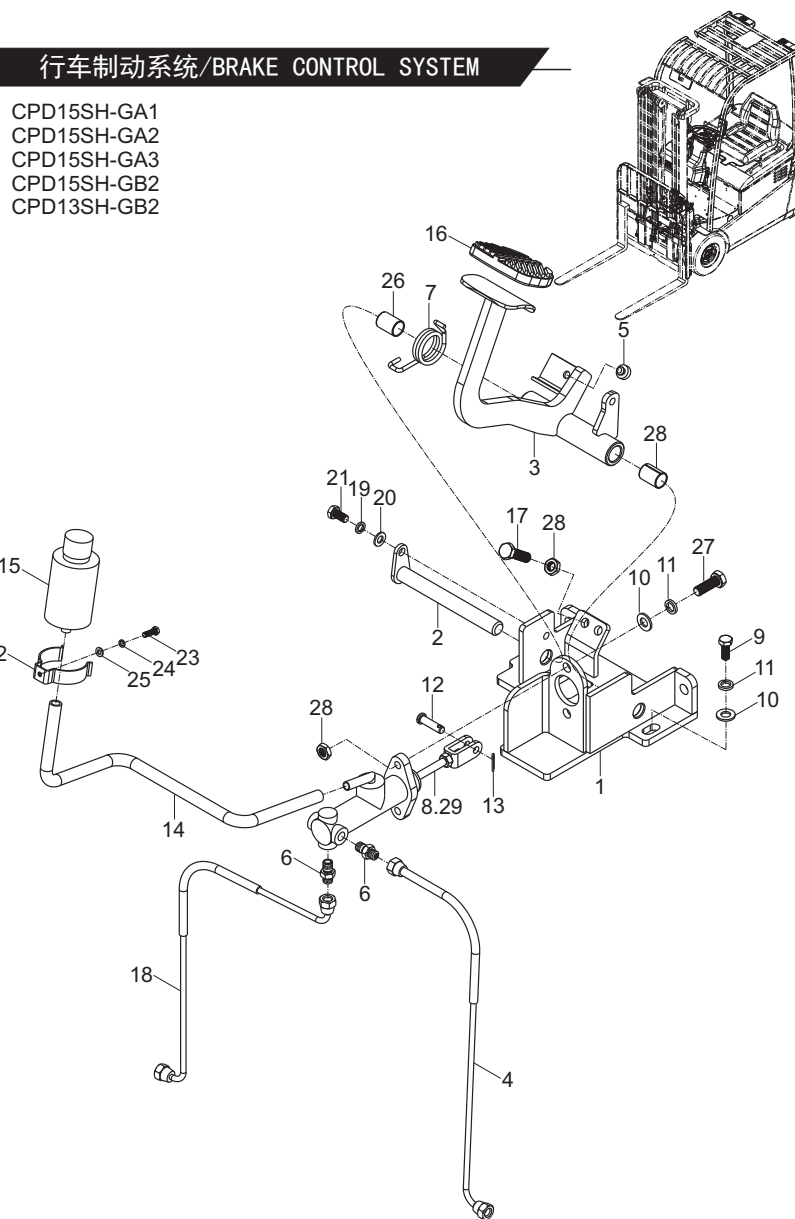


图30/FIG. 30

停车制动总成/BRAKE LEVER ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	A63P3-60001	D01	Brake lever ass'y 停车制动总成	1	
01	A63P3-60301	01	Brake lever 停车制动操纵杆	1	
02	A63P3-62031	01	Bolt 螺栓一	1	
03	B5310-00006	00	Washer 垫圈6	1	GB97.1-85
04	B5050-00006	00	Washer,lock 垫圈6	1	GB93-87
05	A63P3-60401	01	Plate 扇形齿板总成	1	
06	3Q51-10-02	D00	Lock 锁扣	1	
07	3Q51-10-03	D00	Lever 拉杆	1	
08	Q64H5-52001	00	Sheath 手柄套	1	
09	3Q51-10-08	D00	Shim 垫	1	
10	3Q51-10-05	D00	Spring 弹簧	1	
11	B4123-00004	00	Nut 螺母M4	1	GB6170-86
12	Q64H5-52011	D00	Button 按钮	1	
13	A61Q3-60301	00	Control cable ass'y(L.H.) 制动拉索总成(左)	1	
14	A61Q3-60401	00	Control cable ass'y(R.H.) 制动拉索总成(右)	1	
15	B3220-08024	00	Pin 销B8x24	2	GB882-86
16	B5310-00008	00	Washer 垫圈8	4	GB97.1-85
17	B3010-3P224	00	Pin 销3. 2x2. 4	2	GB91-86
18	B0330-08016	00	Bolt 螺栓M8x16	2	GB5783-86
19	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
20	A63P3-62041	02	Bolt 螺栓二	1	
21	B5310-00005	00	Washer 垫圈5	1	GB97.1-85
22	B5050-00005	00	Washer,lock 垫圈5	1	GB93-87
23	B4123-00005	00	Nut 螺母M5	1	GB6170-86
24	B4123-00006	00	Nut 螺母M6	1	GB6170-86

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

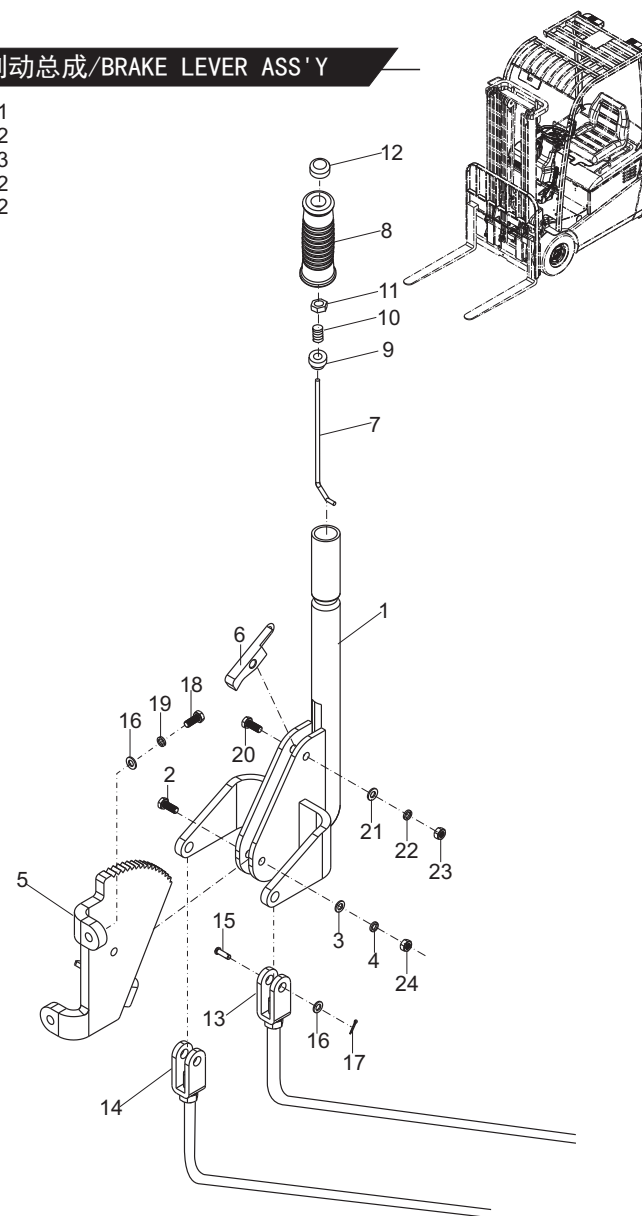


图32/FIG. 32

机罩类及座椅/HOOD & SEAT

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP616-40001	05	Hood (Inc.01-16)	机罩类	1 1.5t
-	AQ636-40001	00	Hood (Inc.01-16)	机罩类	1 1.25t
01	AP616-40011	03	Cover ass'y(Inc.17-35)	箱盖装配总成	1 1.5t
-	AQ636-40011	00	Cover ass'y(Inc.17-35)	箱盖装配总成	1 1.25t
02	AP616-40031	02	Cap ass'y R.H.	右侧罩总成	1 1.5t
-	AQ636-40031	00	Cap ass'y R.H.	右侧罩总成	1 1.25t
03	AP616-40021	02	Cap ass'y L.H.	左侧罩总成	1 1.5t
-	AQ636-40021	00	Cap ass'y L.H.	左侧罩总成	1 1.25t
04	AP616-49511	02	Cover L.H.	左罩壳	1
05	AP616-49611	02	Cover,front	前罩壳	1
06	AP616-49621	03	Cover,rear	后罩壳	1
07	AP616-49521	02	Cover R.H.	右罩壳	1 Danaher仪表
-	AP616-49571	02	Cover R.H.	右罩壳	1 Danaher仪表 配面板开关
-	AP616-49581	02	Cover R.H.	右罩壳	1 Zapi,Curtis仪表
-	AP616-49591	03	Cover R.H.	右罩壳	1 Zapi,Curtis仪表 配面板开关
08	B5310-00006	00	Washer	垫圈6	6 GB97.1-85
09	A61Q6-41131	00	Cap	装饰盖	1
10	AP616-49601	01	Plate	封板	1
11	A7G56-49591	03	Cap,upper	多路阀罩壳上	1
12	AP616-49551	02	Cap,down	多路阀罩壳下	1
13	AP616-49561	02	Cap,down	下罩壳	1
14	B8112-05016	00	Screw	螺钉M5X16	21 GB/T2672-2004
15	B5323-00005	00	Washer	垫圈5	20 GB97.1-85
16	B8112-06016	00	Screw	螺钉M6X16	6 GB/T2672-2004
17	AP616-40101	06	Cover ass'y	箱盖总成	1 1.5t
-	AQ636-40101	00	Cover ass'y	箱盖总成	1 1.25t
18	25786-40651	00	Catch	弹簧卡	1
19	A65E6-42181	02	Rubber	橡胶垫	2
20	Z2132-02010	00	Bushing	钢背轴承2010	2 Q/AC40001-2002
21	B5310-00016	00	Washer	垫圈16	2 GB97.1-85

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

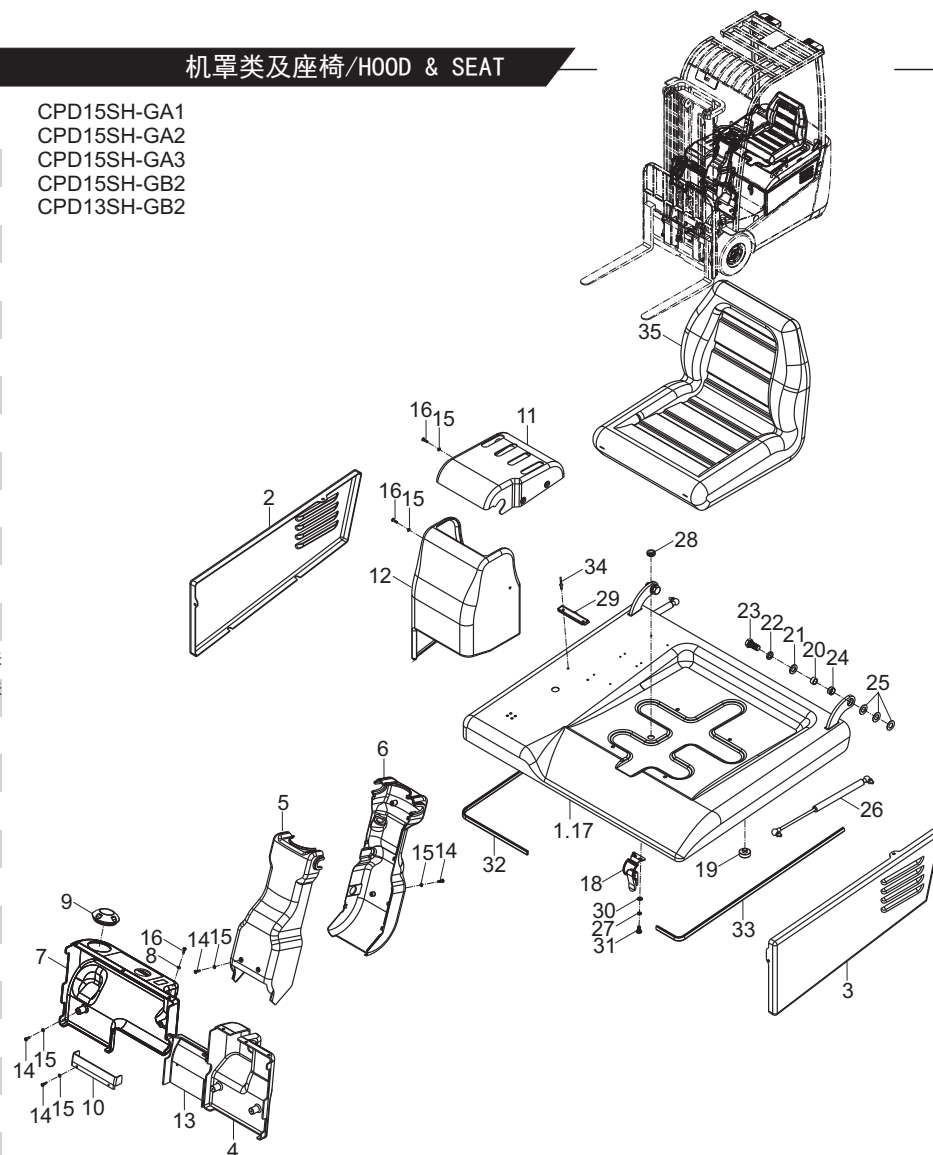


图33/FIG. 33

底板类/FLOOR BOARD

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP616-50001	03	Floor board 地板类	1	
01	22496-51001G	01	Screw 螺钉	2	
02	AP616-50011	03	Floor board,front 前底板总成	1	
03	Z2133-03025	00	Bushing 钢背轴承3025	2	Q/AC40001-2002
04	AP616-50021	01	Floor board 平地板总成	1	
05	AP616-52051	01	Board 插件安装板	1	
06	AP616-52041	01	Stopper 转向限位块	1	
07	AP616-42551	00	Cap 车架饰盖(左)	1	
08	B0230-12050	00	Bolt 螺栓M12X50	2	GB5782-86
09	B5050-00012	00	Washer,lock 垫圈12	2	GB93-87
10	B5310-00012	00	Washer 垫圈12	2	GB97.1-85
11	AP616-52061	03	Gasket 底板垫	1	
12	A63P6-50041	01	Pin 箱体固定销	1	
13	B0330-08025	00	Bolt 螺栓M8X25	2	GB5783-86
14	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
15	B5310-00008	00	Washer 垫圈8	2	GB97.1-85
16	AP616-52031	00	Board 泵电机安装板	1	
17	B0530-10025	00	Bolt 螺栓M10X1.25X25	6	GB5786-86
18	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
19	B5310-00010	00	Washer 垫圈10	5	GB97.1-85
20	AP616-50041	00	Bracket 停车制动支架	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

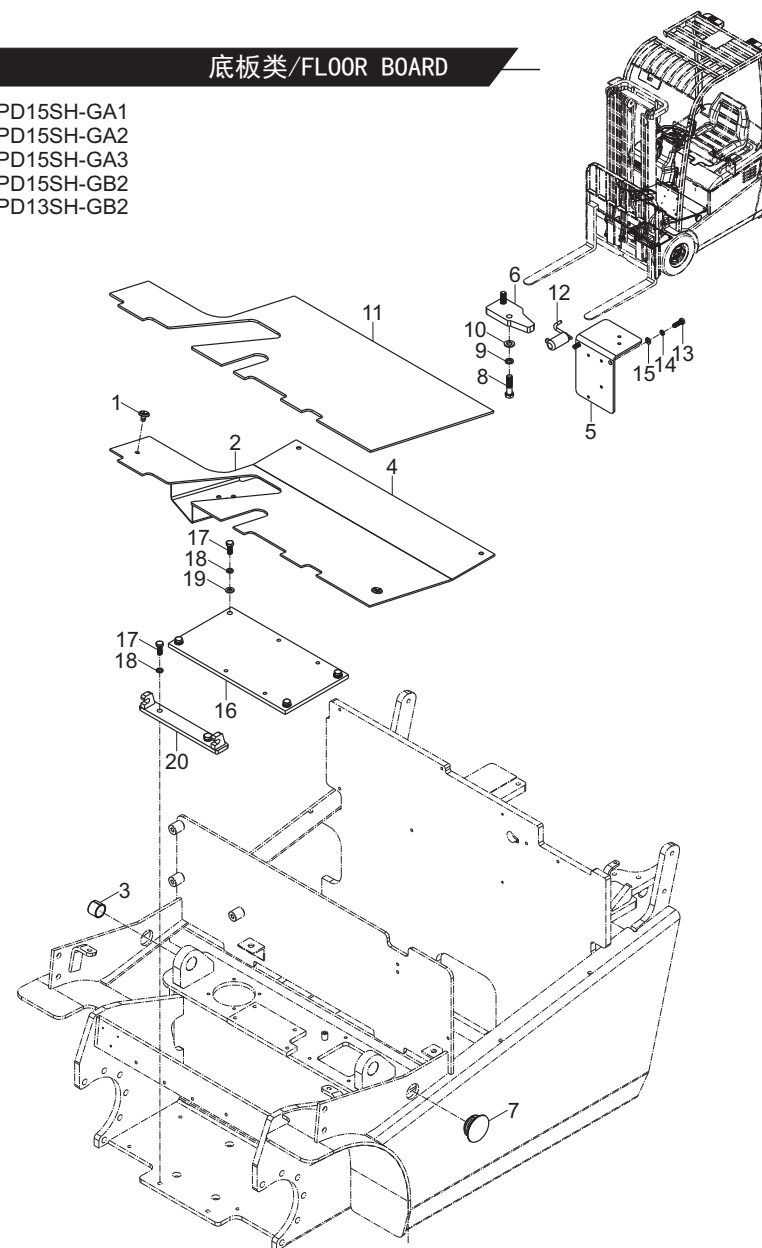


图34/FIG. 34

多路阀操纵总成(二片)/VALVE CONTROL LINKAGE (TWO-THROW)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	HRAP617401 AP617-40021	04	Valve control linkage 多路阀操纵总成	1	
01	A7S37-40101	00	Bracket 多路阀安装支架	1	
02	A7S37-40201	00	Bracket(Inc.32) 操纵支架总成	1	
03	A77B7-40601	00	Shaft,level 轴总成	2	
04	AP617-40701	01	Lever,lift(Inc.31) 升降操纵杆总成	1	
05	AP617-40801	01	Level,tilt(Inc.31) 倾斜操纵杆总成	1	
06	A77B7-42131	00	Pin 销	1	
07	A77B7-42141	01	Spring 弹簧	1	
08	A7S37-40601	00	Link(Inc.31) 连杆	2	
09	A7S37-42161	01	Link 弯连杆	2	
10	A7S37-42181	01	Jointy 接头	2	
11	A7S37-42091	01	Link 直连杆	2	
12	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	2	
13	Q60H7-42151	01	Sleeve 护套	2	
14	22717-40061	01	Pin 销钉	2	
15	B3010-02012	00	Pin 销2X12	8	GB91-86
16	B3010-04030	00	Pin 销4X30	2	GB91-86
17	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
18	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
19	B5310-00010	00	Washer 垫圈10	6	GB97.1-85
20	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
21	B0330-06016	00	Bolt 螺栓M6X16	2	GB5783-86
22	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
23	B1210-05012	00	Screw 螺钉M5X12	4	GB818-85
24	B5050-00005	00	Washer,lock 垫圈5	4	GB93-87
25	A7S37-42171	00	Pin 销钉	6	
26	B0530-10030	00	Bolt 螺栓M10X1.25X30	3	GB5786-86
27	B3220-12030	00	Pin 销B12X30	1	GB882-86
28	A6S57-40901	02	Lock unit 锁机构	1	
29	23657-42131	00	Adjust spacer 调节套	4	

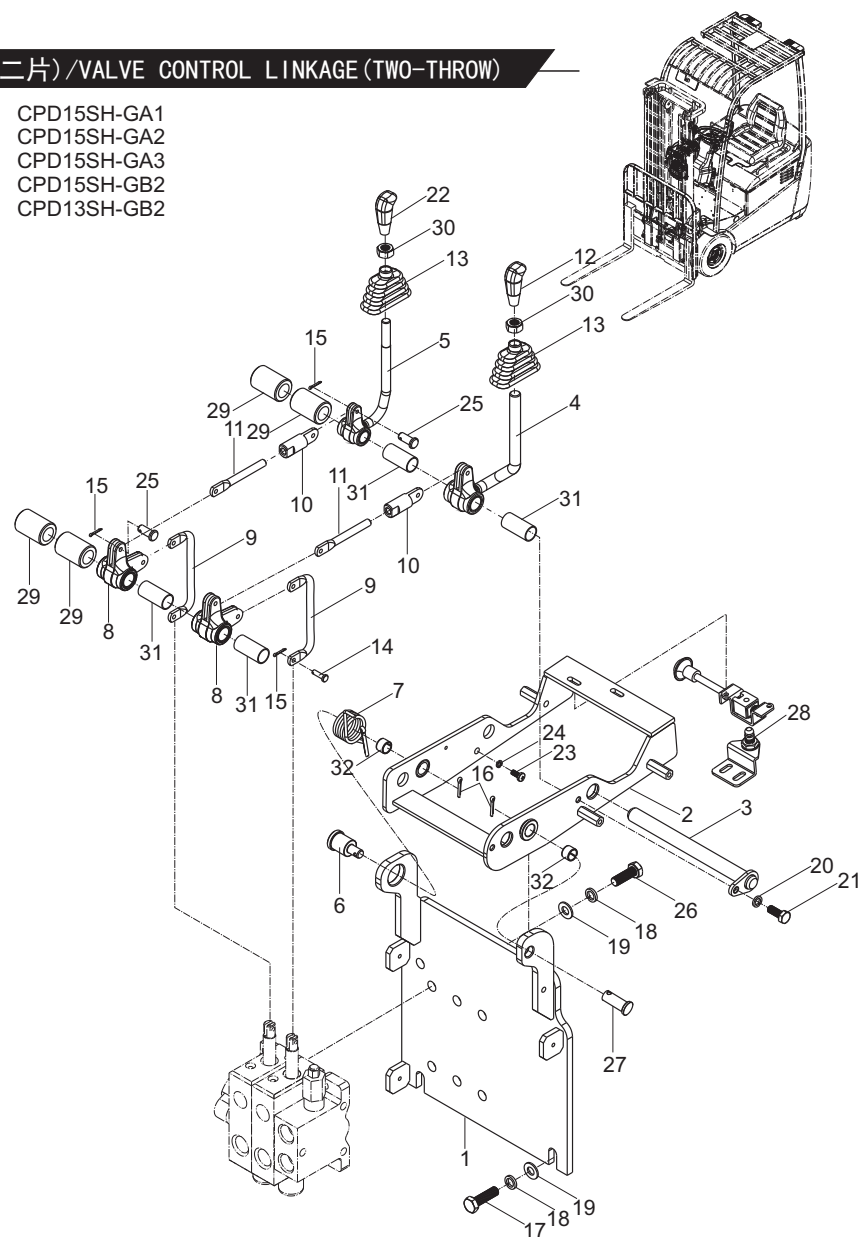


图34/FIG. 34

多路阀操纵总成(二片)/VALVE CONTROL LINKAGE (TWO-THROW)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
30	B4023-00012	00	Nut 螺母M12	2	GB6184-86
31	23457-42101	01	Spacer 衬套	4	
32	Z2111-01210	00	Bushing 钢背轴承1210	2	Q/AC40001-2002

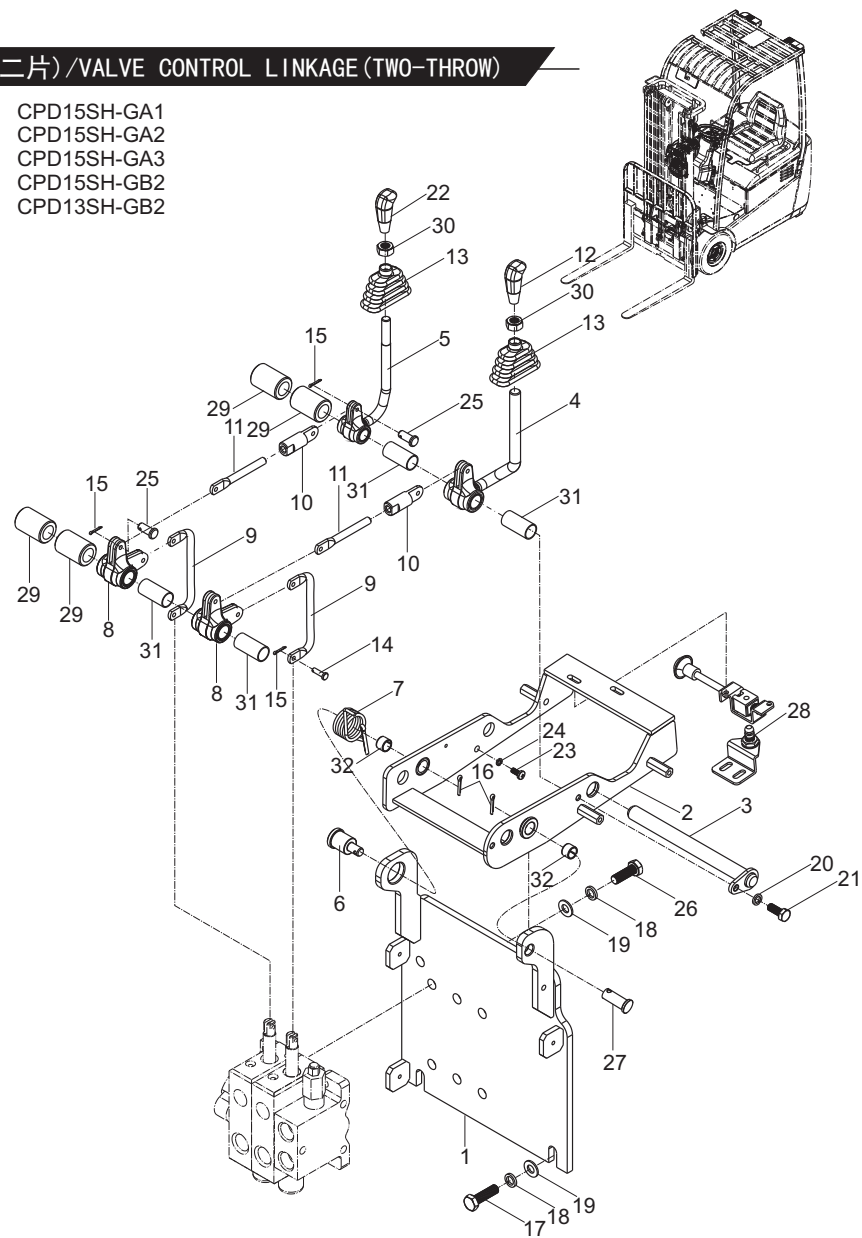


图35/FIG. 35

多路阀操纵总成(三片)/VALVE CONTROL LINKAGE (THREE-THROW)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	HRAP617401 AP617-40031	04	Valve control linkage 多路阀操纵总成	1	
01	A7S37-40101	00	Bracket 多路阀安装支架	1	
02	A7S37-40201	00	Bracket(Inc.32) 操纵支架总成	1	
03	A77B7-40601	00	Shaft,level 轴总成	2	
04	AP617-40701	01	Lever,lift(Inc.33) 升降操纵杆总成	1	
05	AP617-40801	01	Level,tilt(Inc.33) 倾斜操纵杆总成	1	
06	A77B7-42131	00	Pin 销	1	
07	A77B7-42141	01	Spring 弹簧	1	
08	A7S37-40601	00	Link(Inc.33) 连杆	3	
09	A7S37-42161	01	Link 弯连杆	3	
10	A7S37-42181	01	Jointy 接头	3	
11	A7S37-42091	01	Link 直连杆	3	
12	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	1	
13	Q60H7-42151	01	Sleeve 护套	3	
14	22717-40061	01	Pin 销钉	3	
15	B3010-02012	00	Pin 销2X12	12	GB91-86
16	B3010-04030	00	Pin 销4X30	2	GB91-86
17	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
18	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
19	B5310-00010	00	Washer 垫圈10	6	GB97.1-85
20	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
21	B0330-06016	00	Bolt 螺栓M6X16	2	GB5783-86
22	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
23	B1210-05012	00	Screw 螺钉M5X12	4	GB818-85
24	B5050-00005	00	Washer,lock 垫圈5	4	GB93-87
25	A7S37-42171	00	Pin 销钉	9	
26	B0530-10030	00	Bolt 螺栓M10X1.25X30	3	GB5786-86
27	B3220-12030	00	Pin 销B12X30	1	GB882-86
28	A6S57-40901	02	Lock unit 锁机构	1	
29	23657-42131	00	Adjust spacer 调节套	2	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

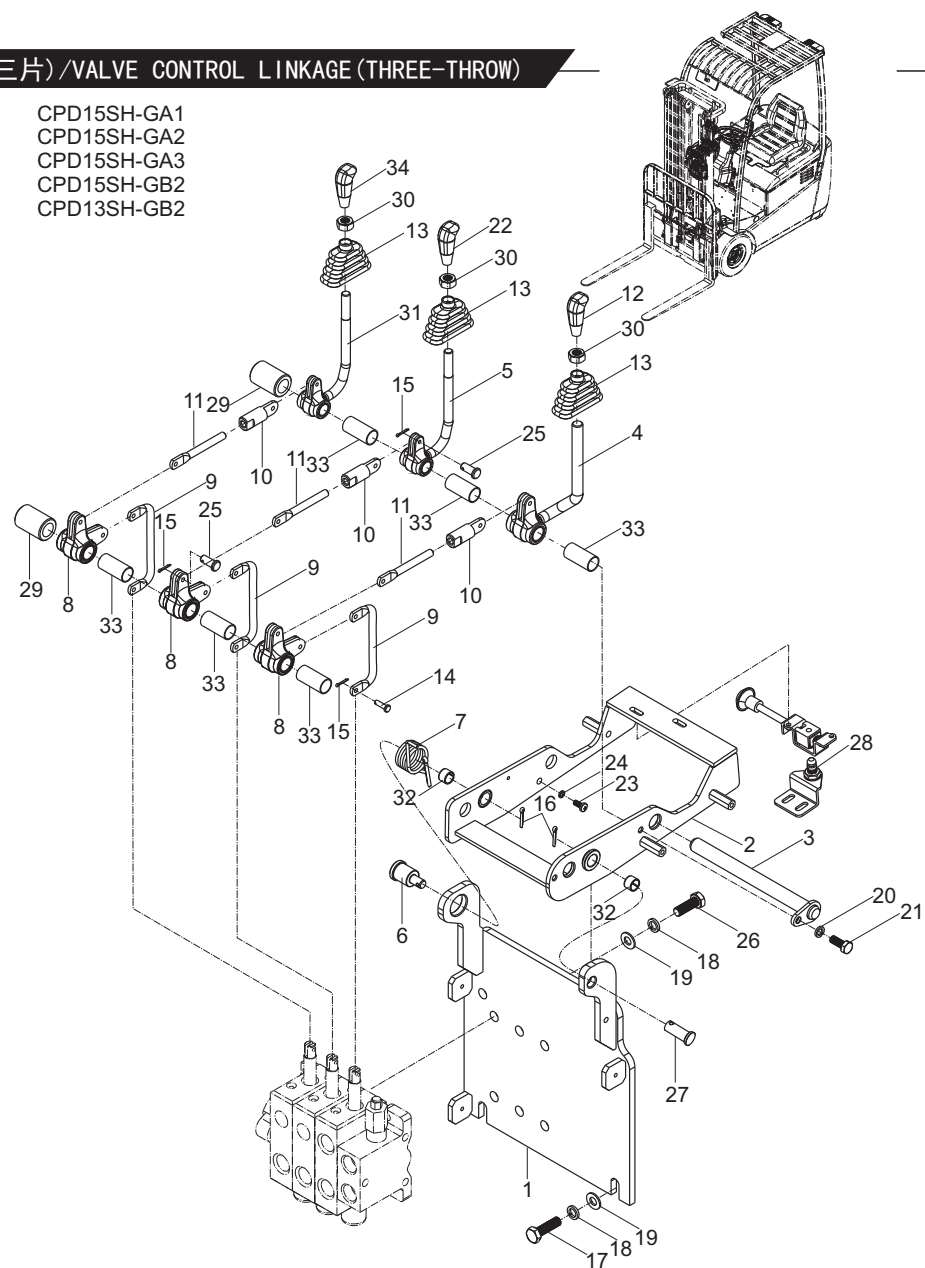


图36/FIG. 36

多路阀操纵总成(四片)/VALVE CONTROL LINKAGE (FOUR-THROW)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	HRAP617401 AP617-40041	04	Valve control linkage 多路阀操纵总成	1	
01	A7S37-40101	00	Bracket 多路阀安装支架	1	
02	A7S37-40201	00	Bracket(Inc.32) 操纵支架总成	1	
03	A77B7-40601	00	Shaft,level 轴总成	2	
04	AP617-40701	01	Lever,lift(Inc.33) 升降操纵杆总成	1	
05	AP617-40801	01	Level,tilt(Inc.33) 倾斜操纵杆总成	1	
06	A77B7-42131	00	Pin 销	1	
07	A77B7-42141	01	Spring 弹簧	1	
08	A7S37-40601	00	Link(Inc.33) 连杆	4	
09	A7S37-42161	01	Link 弯连杆	4	
10	A7S37-42181	01	Jointy 接头	4	
11	A7S37-42091	01	Link 直连杆	4	
12	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	1	
13	Q60H7-42151	01	Sleeve 护套	4	
14	22717-40061	01	Pin 销钉	4	
15	B3010-02012	00	Pin 销2X12	16	GB91-86
16	B3010-04030	00	Pin 销4X30	2	GB91-86
17	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
18	B5050-00010	00	Washer,lock 垫圈10	6	GB93-87
19	B5310-00010	00	Washer 垫圈10	6	GB97.1-85
20	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
21	B0330-06016	00	Bolt 螺栓M6X16	2	GB5783-86
22	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
23	B1210-05012	00	Screw 螺钉M5X12	4	GB818-85
24	B5050-00005	00	Washer,lock 垫圈5	4	GB93-87
25	A7S37-42171	00	Pin 销钉	12	
26	B0530-10030	00	Bolt 螺栓M10X1.25X30	3	GB5786-86
27	B3220-12030	00	Pin 销B12X30	1	GB882-86
28	A6S57-40901	02	Lock unit 锁机构	1	
29	HRG27Z7421 G27Z7-19691	00	Knob,reach 前移手柄	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

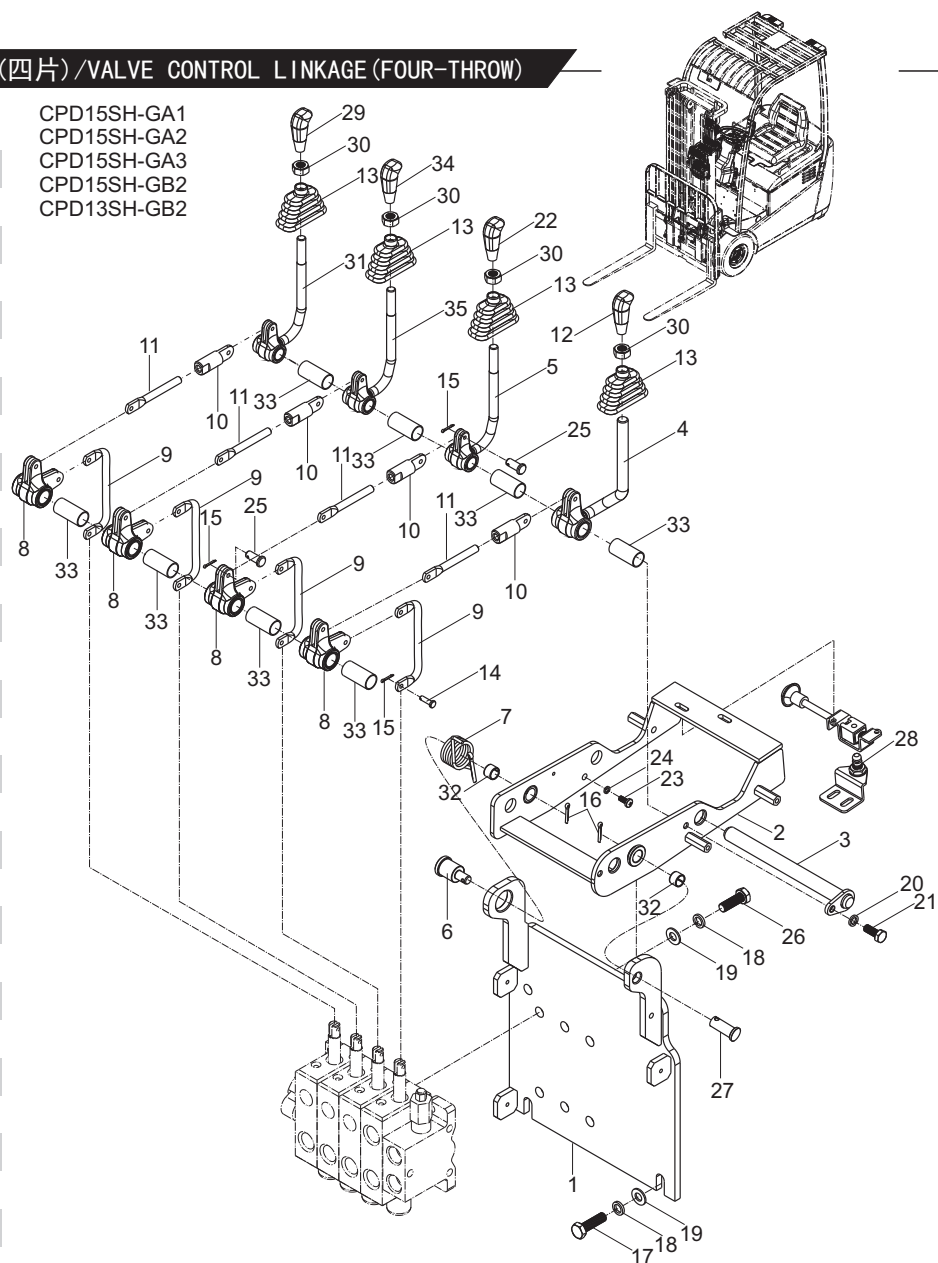


图37/FIG. 37

液压管路系统(公制)/HYDRAULIC SYSTEM(METRIC)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	HP617-60001	D06	Hydraulic system 液压管路系统	1	
01	HP617-60211	01	Pump(Inc.34-36) 液压泵总成	1	标准型 Normal
-	HP617-60211A	00	Pump(Inc.34-36) 液压泵总成	1	OPS
02	Z9502-1304522	D00	Hose H.P. 高压胶管13IX450	1	
03	HP617-62011	01	Hose 吸油胶管	1	
04	Z4590-00045	00	Clip 双钢丝卡箍Φ45	2	
05	B0230-08055	00	Bolt 螺栓M8X55	2	GB5782-86
06	B5050-00008	00	Washer,lock 垫圈8	3	GB93-87
07	B5410-00008	00	Washer 垫圈8	3	GB97.2-85
08	HP617-60241	D00	Hose H.P. 高压胶管总成	1	
09	HP617-60221	00	Orbitrol(Inc.37-40) 优先阀总成	1	
10	HP617-60251	D00	Hose H.P. 高压胶管总成	1	
11	Z9501-06039	D00	Hose H.P. 高压胶管6IX390	1	基本型及两级全自由 1.5t Normal & full free 2-stage mast
-	Z9501-06042	D00	Hose H.P. 高压胶管6IX420	1	基本型及两级全自由 1.25t Normal & full free 2-stage mast
12	Z9501-06050	D00	Hose H.P. 高压胶管6IX500	1	基本型及两级全自由 1.5t Normal & full free 2-stage mast
-	Z9501-06053	D00	Hose H.P. 高压胶管6IX530	1	基本型及两级全自由 1.25t Normal & full free 2-stage mast
13	HP617-60231	01	Six way 过渡六通	1	
14	B0330-08016	00	Bolt 螺栓M8x16	2	GB5783-86
15	Z9501-08225	D00	Hose H.P. 高压胶管(8IX2250)	1	1.5t
-	Z9501-08215	D00	Hose H.P. 高压胶管(8IX2150)	1	1.25t
16	Z9501-08230	D00	Hose H.P. 高压胶管(8IX2300)	1	1.5t
-	Z9501-08220	D00	Hose H.P. 高压胶管(8IX2200)	1	1.25t
17	Z7300-13085	D00	Hos 低压胶管Φ13X850	1	JB/T8406 A型
18	Z4590-00025	00	Clip 双钢丝卡箍Φ25	2	
19	HP617-60281	00	Steering unit(Inc.41-44) 转向器总成	1	
20	HP617-60301	01	Motor(Inc.49,62) 马达总成	1	
21	HP617-60201	D03	Control valve ass'y (Inc.45-52) 多路阀总成	1	标准型 Normal
-	HP617-60381	D03	Control valve ass'y (Inc.45,47-53) 多路阀总成	1	OPS
22	HP617-62021	00	Hose 回油胶管	1	标准型 Normal
-	HRHP617605	00	Hose 回油胶管	1	OPS
23	Z4590-00035	00	Clip 双钢丝卡箍Φ35	2	
24	HP617-60291A	00	Steel pipe ass'y 起升钢管总成	1	标准型 Normal
-	HP617-60391A	00	Steel pipe ass'y 起升钢管总成	1	OPS
25	HP617-60261	D01	Hose H.P. 高压胶管总成	1	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

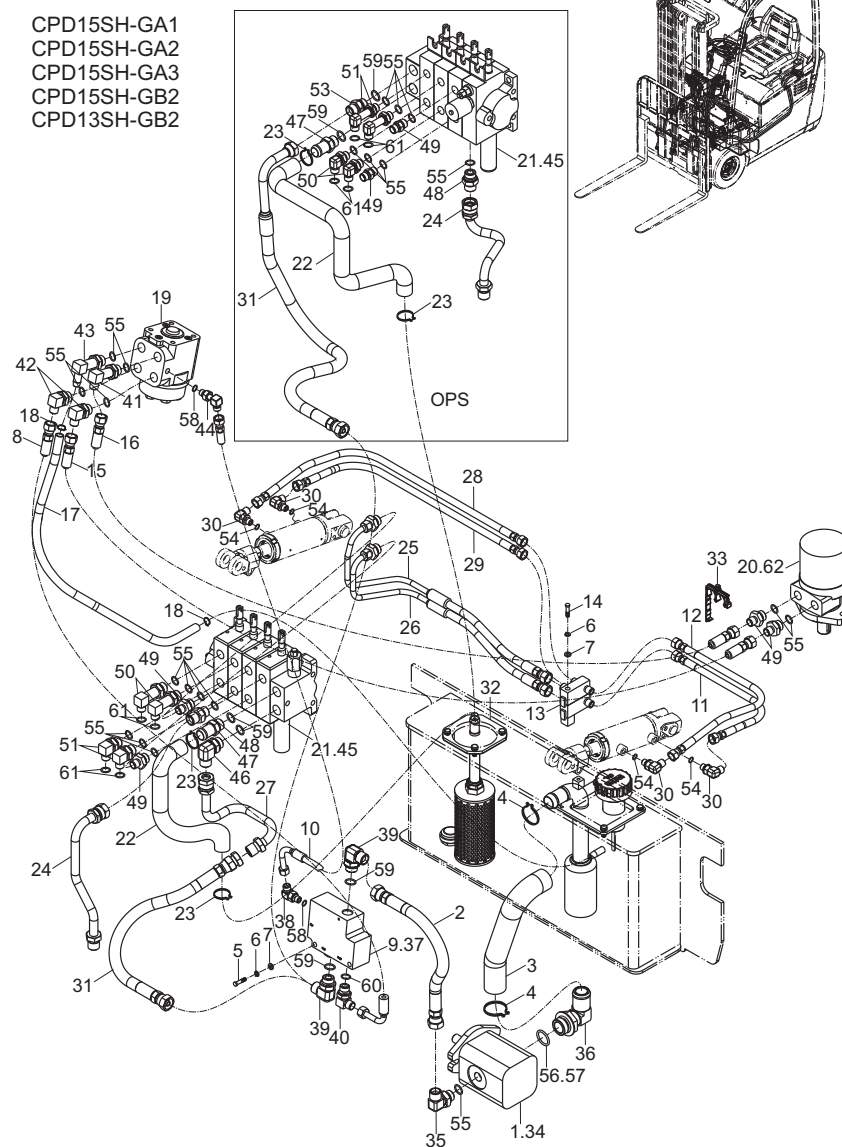
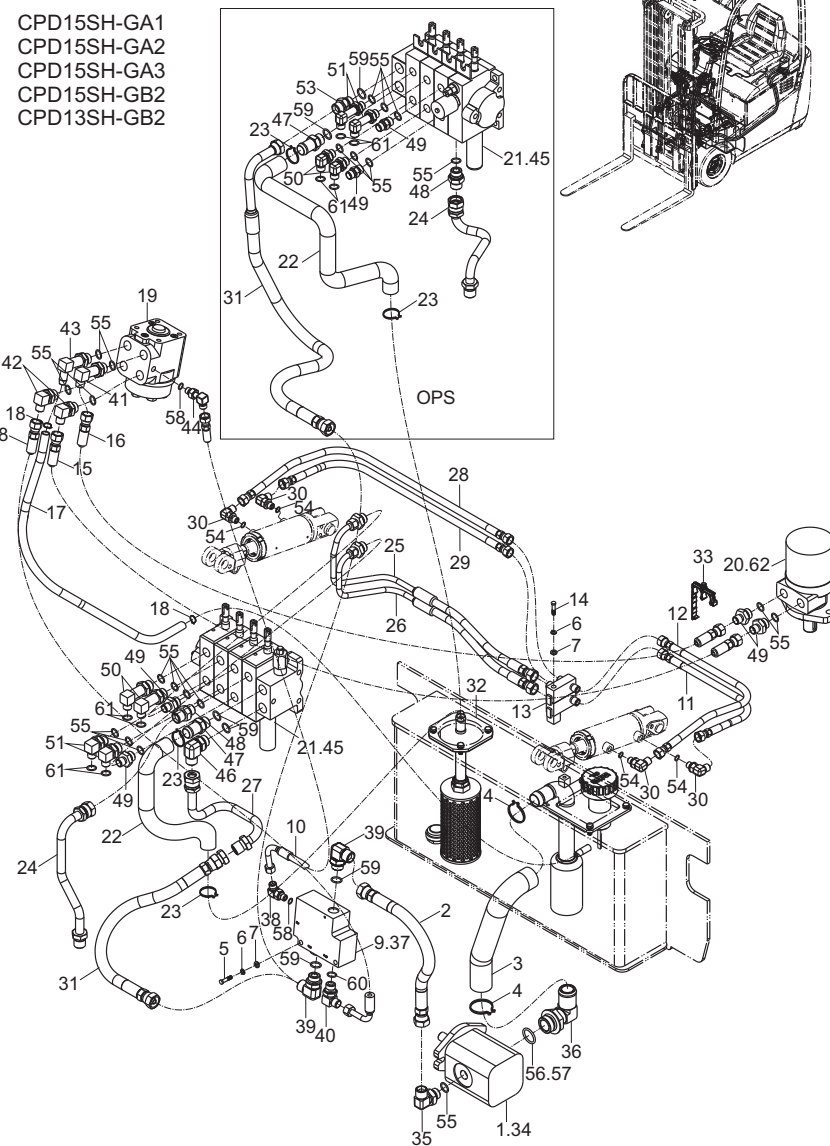


图37/FIG. 37

液压管路系统(公制)/HYDRAULIC SYSTEM(METRIC)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
26	HP617-60271	D01	Hose H.P. 高压胶管总成	1	
27	HP617-60321	00	Steel pipe ass'y 进油钢管总成	1	除 Except OPS
28	Z9501-06047L13	D00	Hose H.P. 高压胶管61 IX550	1	基本型及两级全自由 1架 Normal & full free 2-stage mast
-	Z9501-06047L20	D00	Hose H.P. 高压胶管61 IX580	1	二级全自由 1架 Full free 3-stage mast
29	Z9501-06037L13	D00	Hose H.P. 高压胶管61 IX450	1	基本型及两级全自由 1架 Normal & full free 2-stage mast
-	Z9501-06037L20	D00	Hose H.P. 高压胶管61 IX480	1	二级全自由 1架 Full free 3-stage mast
30	JT7022-14021	02	Elbow(Inc.54) 直角接头	4	
31	Z9502-1305422V25	D00	Hose H.P. 高压胶管131 IX500	1	标准型 Normal
-	HP617-60401	D00	Hose H.P. 高压胶管总成	1	OPS
32	HP617-50011	02	Oil tank cover 液压油箱附件总成	1	See fig.39
33	G2FB7-62061	01	Clip 管夹22	3	
34	A63W7-10001	00	Pump 齿轮泵	1	标准型 Normal
-	A61F7-10001	00	Pump 齿轮泵	1	OPS
35	JT7022-12061	02	Elbow(Inc.55) 直角接头	1	
36	JT7022-34101	01	Elbow(Inc.56) 直角接头	1	标准型 Normal
-	JT7022-10031	02	Elbow(Inc.57) 直角接头	1	OPS
37	E79S7-61051	00	Orbitrol 优先阀	1	
38	JT6022-14061	04	Elbow(Inc.58) 直角接头	1	
39	JT6022-22161	03	Elbow(Inc.59) 直角接头	2	
40	JT6022-18051	02	Elbow(Inc.60) 直角接头	1	
41	JT6022-20031	02	Elbow(Inc.55) 直角接头	1	
42	JT6022-20051	03	Elbow(Inc.55) 直角接头	2	
43	JT6022-20041	03	Elbow(Inc.55) 直角接头	1	
44	JT6022-14281	01	Elbow(Inc.58) 直角接头	1	
45	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 二片阀Two-throw
-	HP617-30201	D01	Control valve 多路阀	1	标准型 Normal 三片阀Three-throw
-	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 四片阀Four-throw
-	HP617-30401	D01	Control valve 多路阀	1	标准型 Normal 第三片阀带过载Three-throw over loading
-	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 第三、四片阀带过载Three-throw over loading
-	HP617-30401G	D01	Control valve 多路阀	1	标准型 Normal 第三、四片阀带过载Three-throw over loading
-	HRA61K7302	D00	Control valve 多路阀	1	OPS
-	A61K7-31201	D00	Control valve 多路阀	1	二片阀Two-throw



液壓管路系統(公制)/HYDRAULIC SYSTEM (METRIC)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

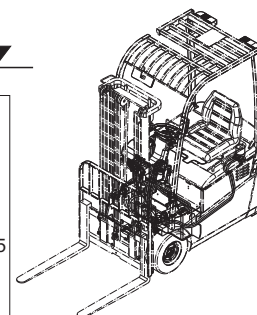
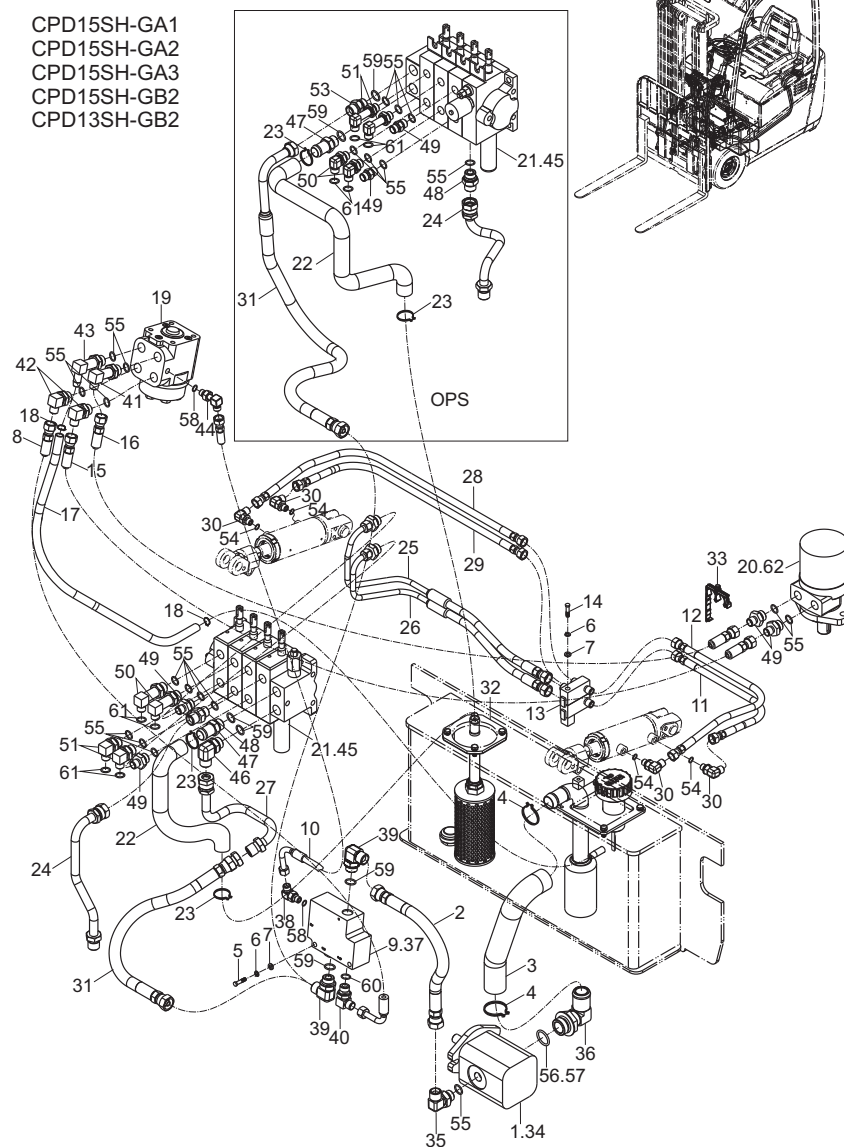


图38/FIG. 38

液压管路系统(美制)/HYDRAULIC SYSTEM(SAE)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	EP617-60001	D06	Hydraulic system 液压管路系统	1	
01	EP617-60211	D01	Pump(Inc.34-36) 液压泵总成	1	标准型 Normal
-	EP617-60211A	00	Pump(Inc.34-36) 液压泵总成	1	OPS
02	Z7802-1304522	D00	Hose H.P. 高压胶管131IX450	1	
03	HP617-62011	01	Hose 吸油胶管	1	
04	Z4590-00045	00	Clip 双钢丝卡箍Φ45	2	
05	B0230-08055	00	Bolt 螺栓M8X55	2	GB5782-86
06	B5050-00008	00	Washer,lock 垫圈8	3	GB93-87
07	B5410-00008	00	Washer 垫圈8	3	GB97.2-85
08	EP617-60241	D00	Hose H.P. 高压胶管总成	1	
09	EP617-60221	D01	Orbitrol(Inc.37-40) 优先阀总成	1	
10	EP617-60251	D00	Hose H.P. 高压胶管总成	1	
11	Z7801-06039	D00	Hose H.P. 高压胶管6IX390	1	基本型及两级全自由门架 Normal & full free 2-stage mast
-	Z7801-06042	D00	Hose H.P. 高压胶管6IX420	1	Full free 3-stage mast
12	Z7801-06050	D00	Hose H.P. 高压胶管6IX500	1	基本型及两级全自由门架 Normal & full free 2-stage mast
-	Z7801-06053	D00	Hose H.P. 高压胶管6IX530	1	Full free 3-stage mast
13	EP617-60231A	01	Six way 过渡六通	1	
14	B0330-08016	00	Bolt 螺栓M8x16	2	GB5783-86
15	Z7801-08225	D00	Hose H.P. 高压胶管(8IX2250)	1	1.5t
-	Z7801-08215	D00	Hose H.P. 高压胶管(8IX2150)	1	1.25t
16	Z7801-08230	D00	Hose H.P. 高压胶管(8IX2300)	1	1.5t
-	Z7801-08220	D00	Hose H.P. 高压胶管(8IX2200)	1	1.25t
17	Z7300-13085	D00	Hos 低压胶管Φ13X850	1	JB/T8406 A型
18	Z4590-00025	00	Clip 双钢丝卡箍Φ25	2	
19	EP617-60281	D00	Steering unit(Inc.41-44) 转向器总成	1	
20	EP617-60301	D00	Motor(Inc.49,61) 马达总成	1	
21	EP617-60201	D05	Control valve ass'y (Inc.45-52) 多路阀总成	1	标准型 Normal
-	EP617-60381	D03	Control valve ass'y (Inc.45,47-53) 多路阀总成	1	OPS
22	HP617-62021	00	Hose 回油胶管	1	标准型 Normal
-	HRHP617605	00	Hose 回油胶管	1	OPS
23	Z4590-00035	00	Clip 双钢丝卡箍Φ35	2	
24	EP617-60291A	00	Steel pipe ass'y 起升钢管总成	1	标准型 Normal
-	EP617-60391A	00	Steel pipe ass'y 起升钢管总成	1	OPS
25	EP617-60261	D01	Hose H.P. 高压胶管总成	1	

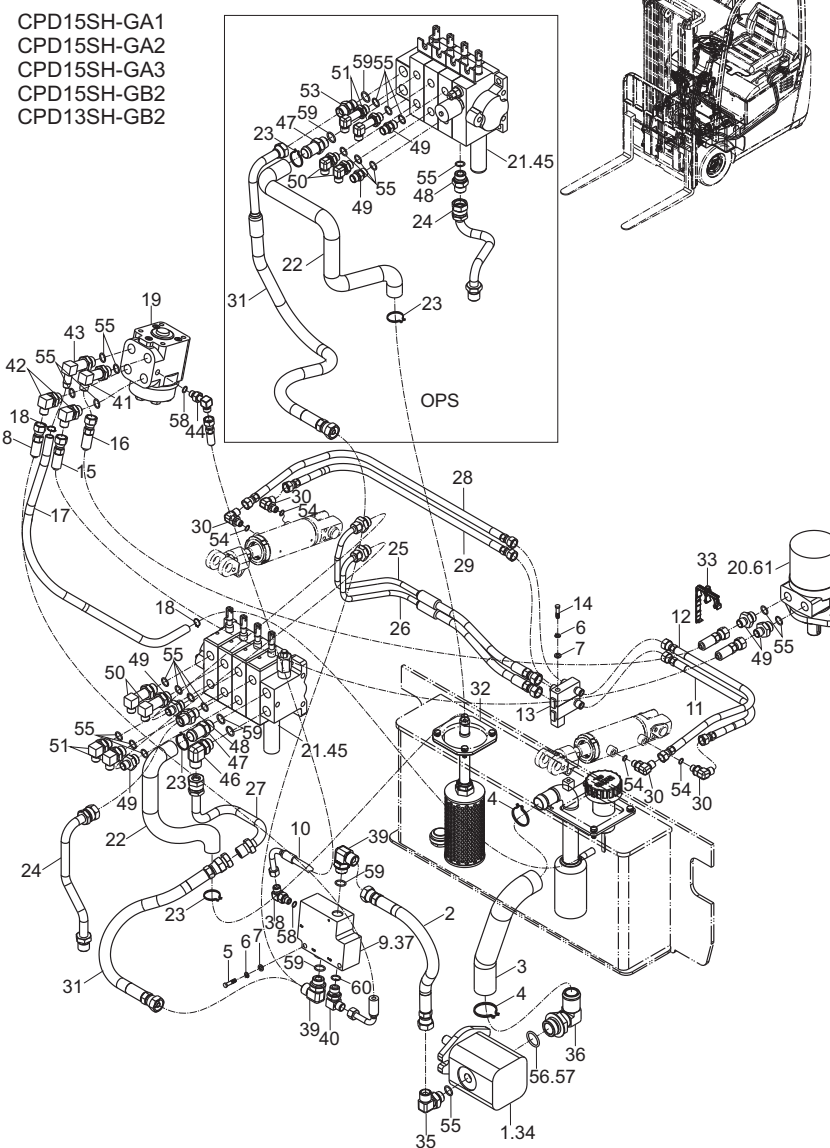


图38/FIG. 38

液压管路系统(美制)/HYDRAULIC SYSTEM(SAE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
26	EP617-60271	D01	Hose H.P. 高压胶管总成	1	
27	EP617-60321	00	Steel pipe ass'y 进油钢管总成	1	除 Except OPS
28	Z7801-06047L13	D00	Hose H.P. 高压胶管61 IX550	1	基本型及两级全自由门架 Normal & full free 2-stage mast
-	Z7801-06047L20	D00	Hose H.P. 高压胶管61 IX580	1	三级全自由门架 Full free 3-stage mast
29	Z7801-06037L13	D00	Hose H.P. 高压胶管61 IX450	1	基本型及两级全自由门架 Normal & full free 2-stage mast
-	Z7801-06037L20	D00	Hose H.P. 高压胶管61 IX480	1	三级全自由门架 Full free 3-stage mast
30	JT8022-96051	01	Elbow(Inc.54) 直角接头	4	
31	Z7802-1305422V25	D00	Hose H.P. 高压胶管总成	1	标准型 Normal
-	EP617-60401	D00	Hose H.P. 高压胶管131 IX500	1	OPS
32	HP617-50011	02	Oil tank cover 液压油箱附件总成	1	See fig.39
33	G2FB7-62061	01	Clip 管夹22	3	
34	A63W7-10001	00	Pump 齿轮泵	1	标准型 Normal
-	A61F7-10001	00	Pump 齿轮泵	1	OPS
35	JT8022-34111	02	Elbow(Inc.55) 直角接头	1	
36	JT7022-34101	01	Elbow(Inc.56) 直角接头	1	标准型 Normal
-	JT7022-10031	02	Elbow(Inc.57) 直角接头	1	OPS
37	E79S7-61051	00	Orbitrol 优先阀	1	
38	JT8022-96091	02	Elbow(Inc.58) 直角接头	1	
39	JT8022-34181	02	Elbow(Inc.59) 直角接头	2	
40	JT8022-96181	01	Elbow(Inc.60) 直角接头	1	
41	JT8022-96041	02	Elbow(Inc.55) 直角接头	1	
42	JT8022-96031	02	Elbow(Inc.55) 直角接头	2	
43	JT6022-20041	03	Elbow(Inc.55) 直角接头	1	
44	JT8022-96331	01	Elbow(Inc.58) 直角接头	1	
45	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 二片阀Two-throw
-	HP617-30201	D01	Control valve 多路阀	1	标准型 Normal 三片阀Three-throw
-	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 四片阀Four-throw
-	HP617-30401	D01	Control valve 多路阀	1	标准型 Normal 第三片阀带过载Three-throw over loading
-	HRHP617301	D01	Control valve 多路阀	1	标准型 Normal 第三片阀带过载Three-throw over loading
-	HP617-30401G	D01	Control valve 多路阀	1	标准型 Normal 四片阀带过载Four-throw over loading
-	HRA61K7302	D00	Control valve 多路阀	1	OPS
-	A61K7-31201	D00	Control valve 多路阀	1	二片阀Two-throw

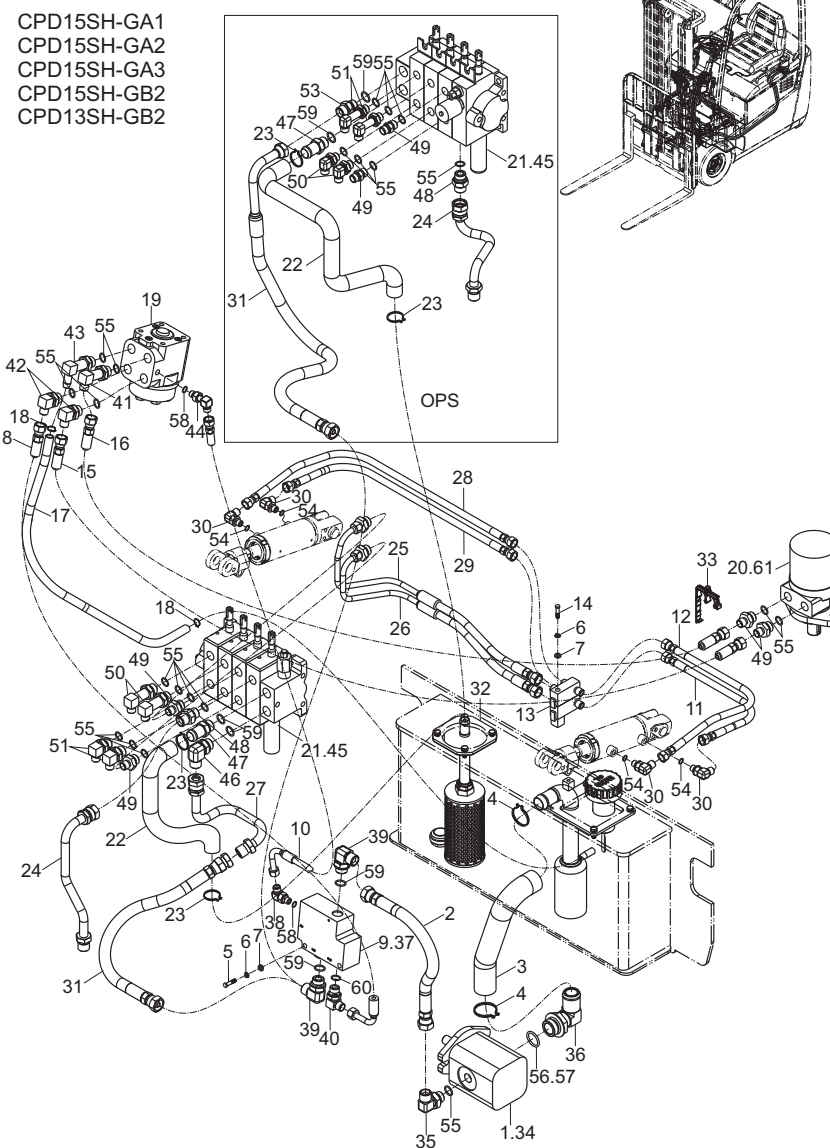
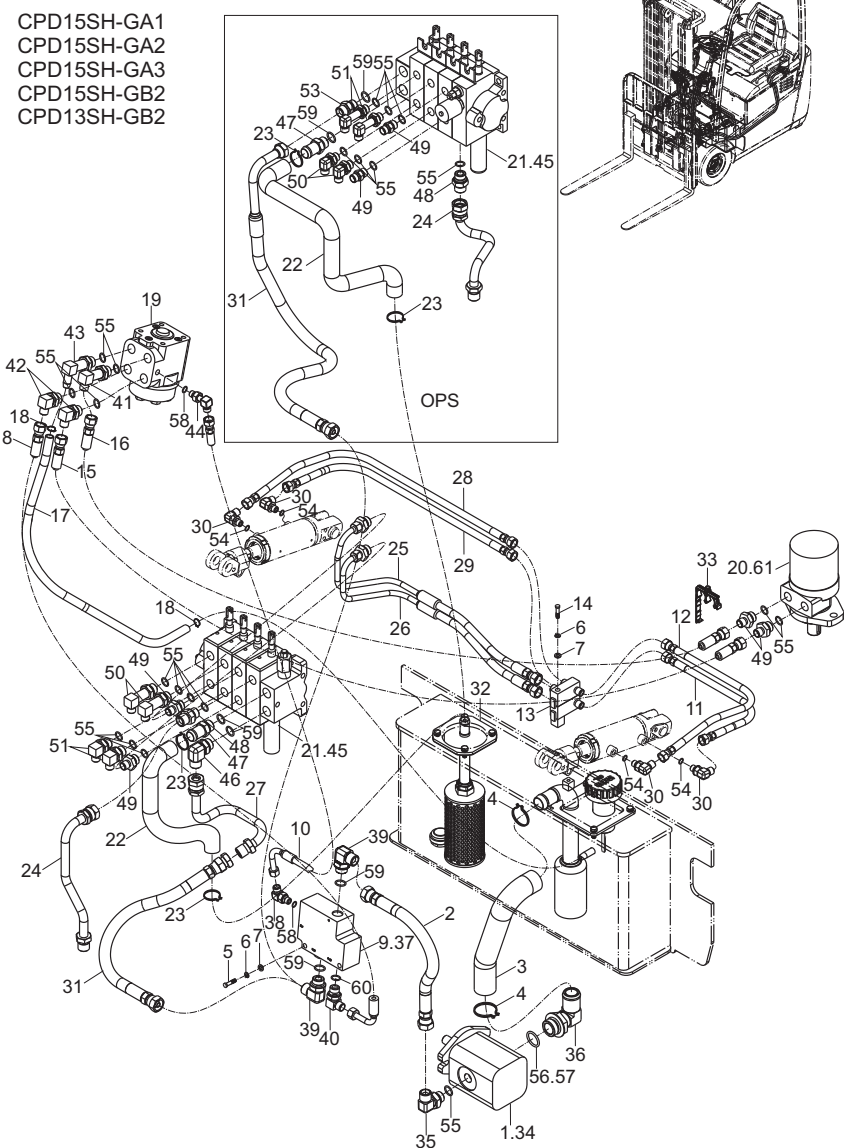


图38/FIG. 38

液压管路系统(美制)/HYDRAULIC SYSTEM(SAE)

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description		件数 Q'ty	备 注 Remark
-	HRA61K7302 A61K7-31301	D00	Control valve	多路阀	1	OPS 三片阀Three-throw
-	HRA61K7302 A61K7-31401	D00	Control valve	多路阀	1	OPS 四片阀Four-throw
-	HRA61K7302 A61K7-31301G	D00	Control valve	多路阀	1	OPS 第三片阀带过载Three-throw over loading
-	HRA61K7302 A61K7-31401G	D00	Control valve	多路阀	1	第三、四片阀带过载Three / Four-throw over loading
46	JT6022-22161	03	Elbow(Inc.59)	直角接头	1	标准型 Normal
47	JT6021-22451	01	Nipple(Inc.59)	直通接头	1	
48	JT6021-22381	02	Nipple(Inc.55)	直通接头	1	
49	JT8021-96181	02	Nipple(Inc.55)	直通接头	4	
50	JT8022-96031	02	Elbow(Inc.55)	直角接头	1	三片阀 Three-throw
					2	四片阀 Four-throw
51	JT8022-96041	02	Elbow(Inc.55)	直角接头	1	三片阀 Three-throw
					2	四片阀 Four-throw
52	E12A7-60251	00	Plug	堵头	2	三片阀 Three-throw
					4	四片阀 Four-throw
53	JT6021-22051	01	Elbow(Inc.59)	直角接头	1	OPS
54	Z6006-01082	00	O-ring	0型密封圈10.8x2.4	4	JIS B2401
55	Z6006-01782	00	O-ring	0型密封圈17.8x2.4	5	JIS B2401 二片阀 Two-throw
					7	三片阀 Three-throw
					9	四片阀 Four-throw
56	Z6053-02363	00	O-ring	0型密封圈23.6x3.55	1	GB3452.1-92
57	Z6005-02873	00	O-ring	0型密封圈28.7x3.5	1	JIS B2401
58	Z6006-00982	00	O-ring	0型密封圈9.8x2.4	1	JIS B2401
59	Z6006-01982	00	O-ring	0型密封圈19.8x2.4	5	JIS B2401
60	Z6006-01582	00	O-ring	0型密封圈15.8x2.4	1	JIS B2401
61	HP617-60311	D01	Motor	转向马达	1	



液压油箱附件总成/OIL TANK COVER ASS'Y

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

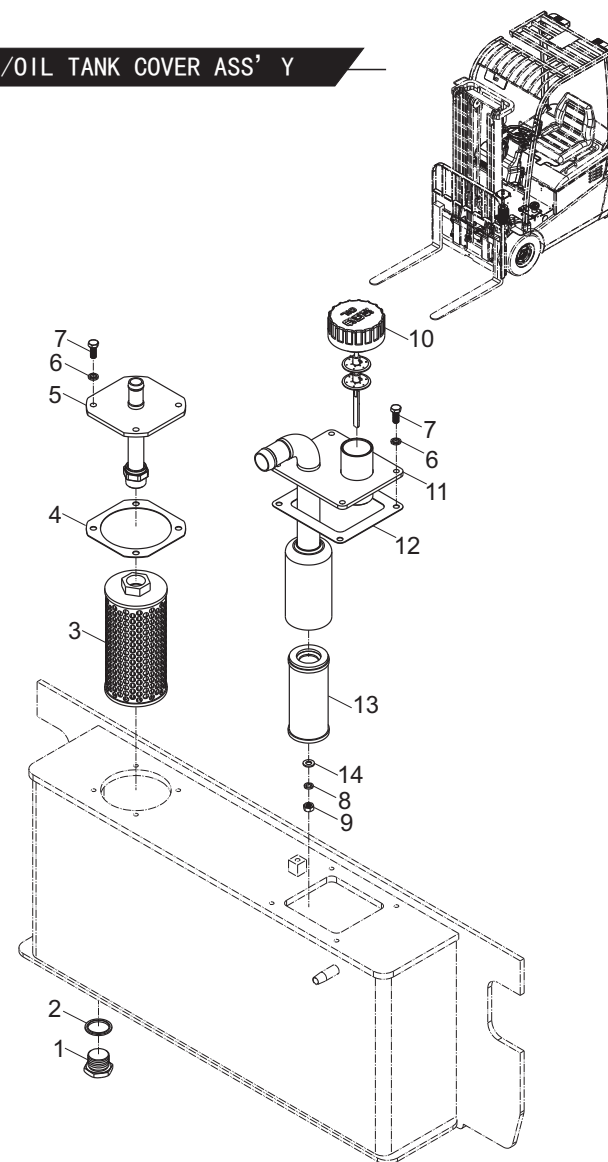


图42/FIG. 42

货叉及货叉架/FORK & LIFT BRACKET

货叉选用件表FORK OPTIONAL PARTS

型 式 MODEL	货叉体代号 PART NO.	长 度 LENGTH	备 注 REMARK
LF140-10F(H)	D10B8-10161A	1400	
LF130-10F(H)	-10151A	1300	
LF120-10F(H)	-10141A	1200	
LF110-10F(H)	-10131A	1100	
LF100-10F(H)	-10121A	1000	
LF167-10F(H)	-10111	1670	
LF152-10F(H)	-10091	1520	
LF137-10F(H)	-10081	1370	
LF122-10F(H)	-10071	1220	
LF107-10F(H)	-10061	1070	
LF92-10F(H)	-10051	920	1.5t STD
LF85-10F(H)	-10041	850	
LF92-10B	-10031	920	
LF85-10B	-10021	850	
LF77-10B	-10011	770	
LF120-10B	-10191A	1200	
LF110-10B	-10181A	1100	
LF100-10B	-10171A	1000	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

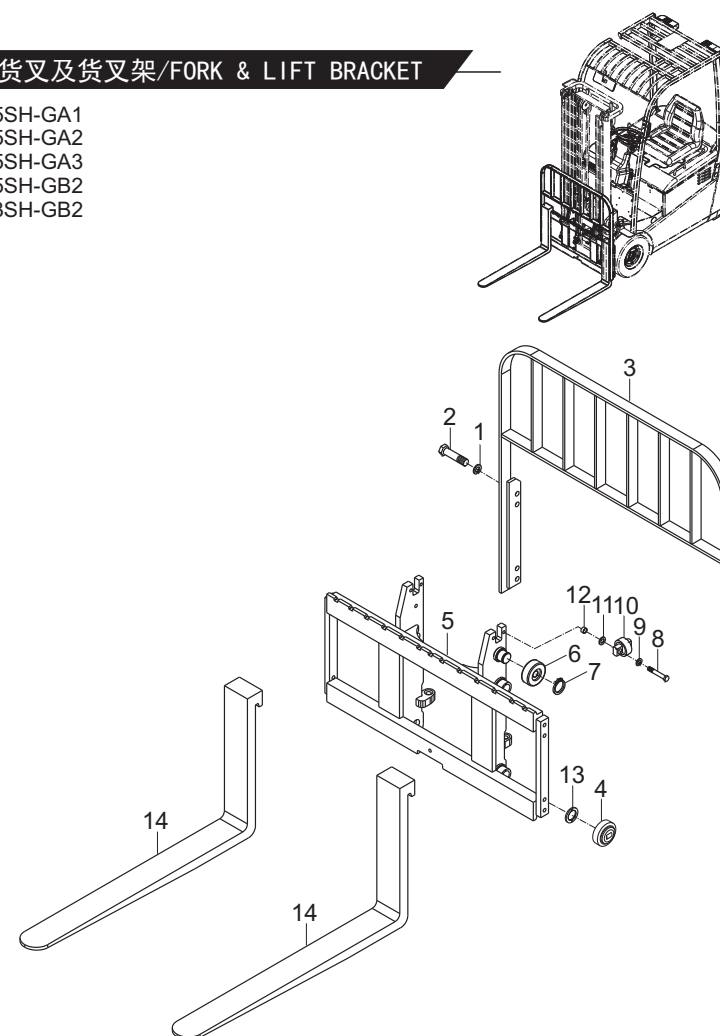


图43/FIG. 43

门架/MAST

门架选用件表 MAST OPTIONAL TABLE

起升高度 LIFTING HEIGHT	外门架总成 OUTER MAST	内门架总成 INNER MAST	备 注 REMARK
M200	HRDP618305 DP618-30411	HRDP618307 DP618-30611	
250	-30421	-30621	
300	-30401	-30601	标准(STD)
330	-30431	-30631	
350	-30441	-30641	
370	-30451	-30651	
400	-30461	-30661	
425	-30471	-30671	
450	-30481	-30681	
500	-30491	-30691	
550	-30521	-30721	
600	-30511	-30711	

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

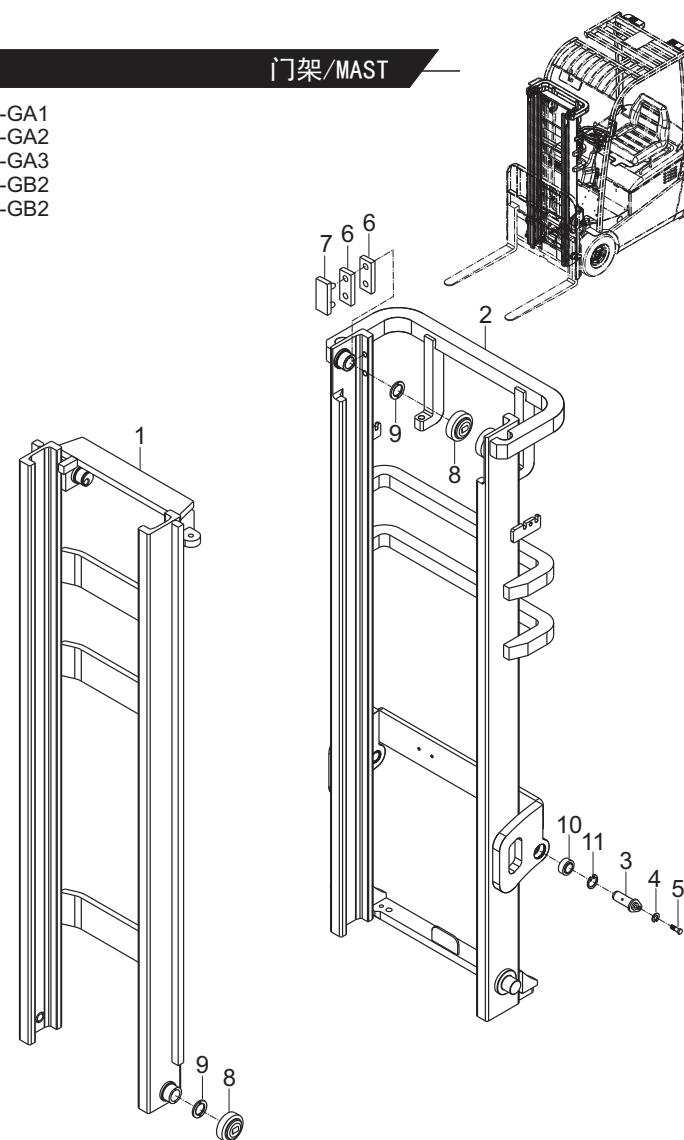
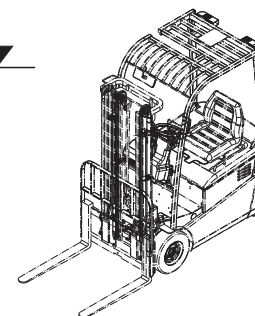
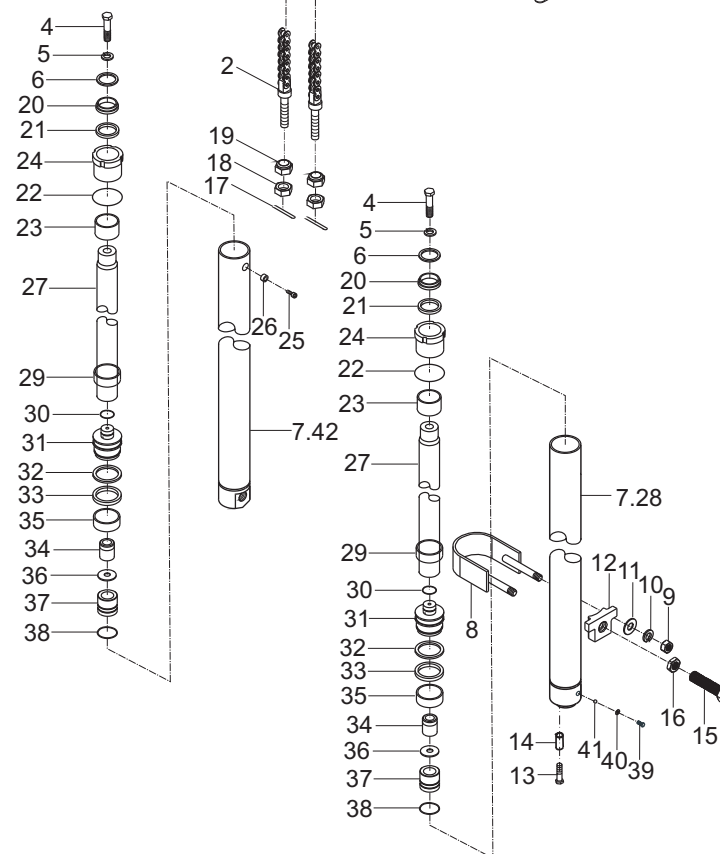


图44/FIG. 44

起升油缸安装图/LIFT CYLINDER MOUNT

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	HRDP618405	D02	Lift cylinder mount 起升油缸安装图	1	
01	24239-44091	D00	Sheave 链轮	2	
02	HRLH1223011-N	D01	Chain(Inc.17-19) 链条总成	2	
03	B6150-00040	00	Snap 挡圈40	2	GB894.1-86
04	B0530-12030	00	Bolt 螺栓M12X1. 25X30	2	GB5786-86
05	B5050-00012	00	Washer,lock 垫圈12	4	GB93-87
06	DP618-42011	D00	Shim 调整垫片	4	
07	HRDP618402	D01	Lift cylinder(Inc.20-42) 起升油缸	2	
08	DP618-42021	01	Support 油缸固定卡	2	
09	B4123-00008	00	Nut 螺母M8	4	GB61710-86
10	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
11	B5310-00008	00	Washer 垫圈8	4	GB97.1-85
12	DP618-42051	00	Shim 调整垫	2	
13	B0530-12025	00	Bolt 螺栓M12X1. 25X25	2	GB5786-86
14	D20B8-42031	00	Spacer 隔套	2	
15	B0530-10045	00	Bolt 螺栓M10X1. 25X45	2	GB5786-86
16	B4223-00010	00	Nut 螺母M10X1. 25	2	GB6171-86
17	B3010-03030	00	Pin 销3x30	4	GB91-86
18	B4230-00014	00	Nut 螺母M14x1. 5	4	GB6171-86
19	22118-40181	D00	Nut 球面螺母	4	
20	DH32	00	Dust ring 防尘圈32x40x5/6. 51	2	
21	23658-52051	D00	Seal ring 轴用密封圈32x42x6	2	
22	C0 0203	00	O-ring 0型密封圈39. 4x3. 1	2	
23	Z2112-03225	00	Bushing 钢背轴承32x25x1. 5	2	
24	DP618-84211	00	Guide 导向套	2	
25	B8032-05005	00	Screw 螺钉M5x5	2	GB70-85
26	Q70B0-82141	D01	Shim 垫片	2	
27	HRDP618411	00	Piston rod 活塞杆	2	
28	HRDP618421L	00	Cylinder body L.H. 左缸体	1	
29	DP618-84231	00	Sleeve 调整套		

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2



起升油缸安装图/LIFT CYLINDER MOUNT

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

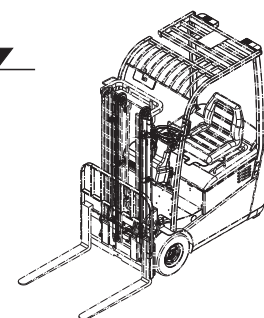


图44/FIG. 44 起升油缸安装图/LIFT CYLINDER MOUNT

起升油缸安装图/LIFT CYLINDER MOUNT

起升油缸选用件 OPTION TABLE FORK LIFT CYLINDER PARTS

[illegible]

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2

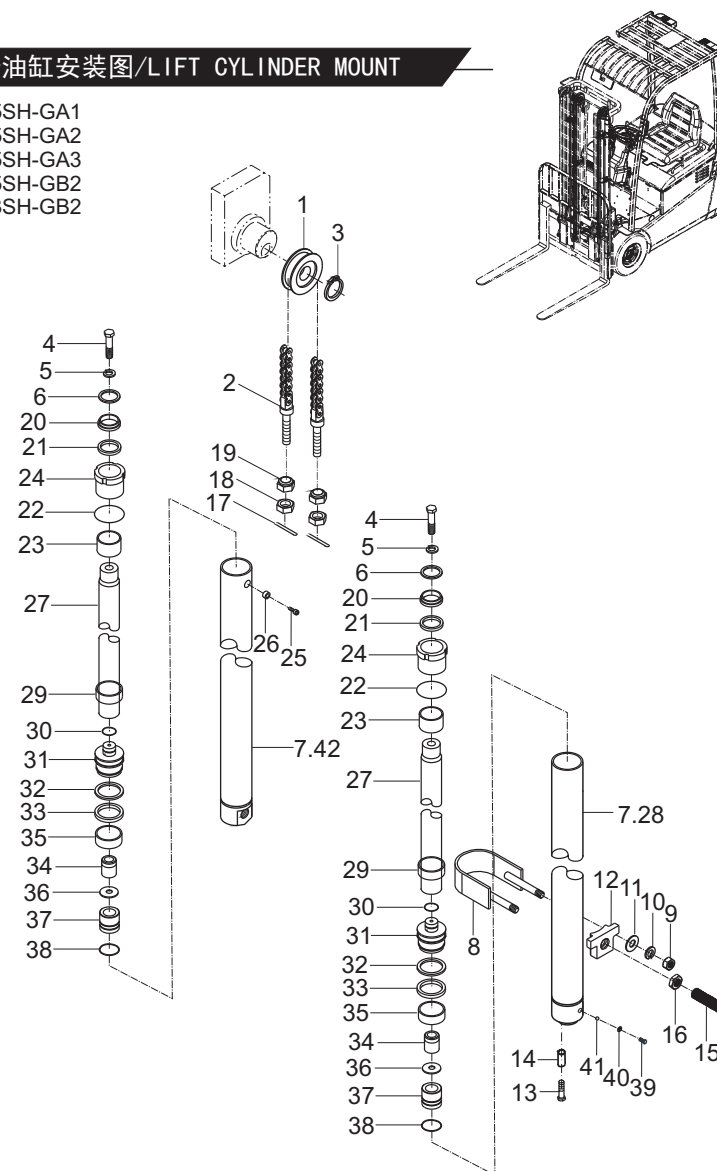
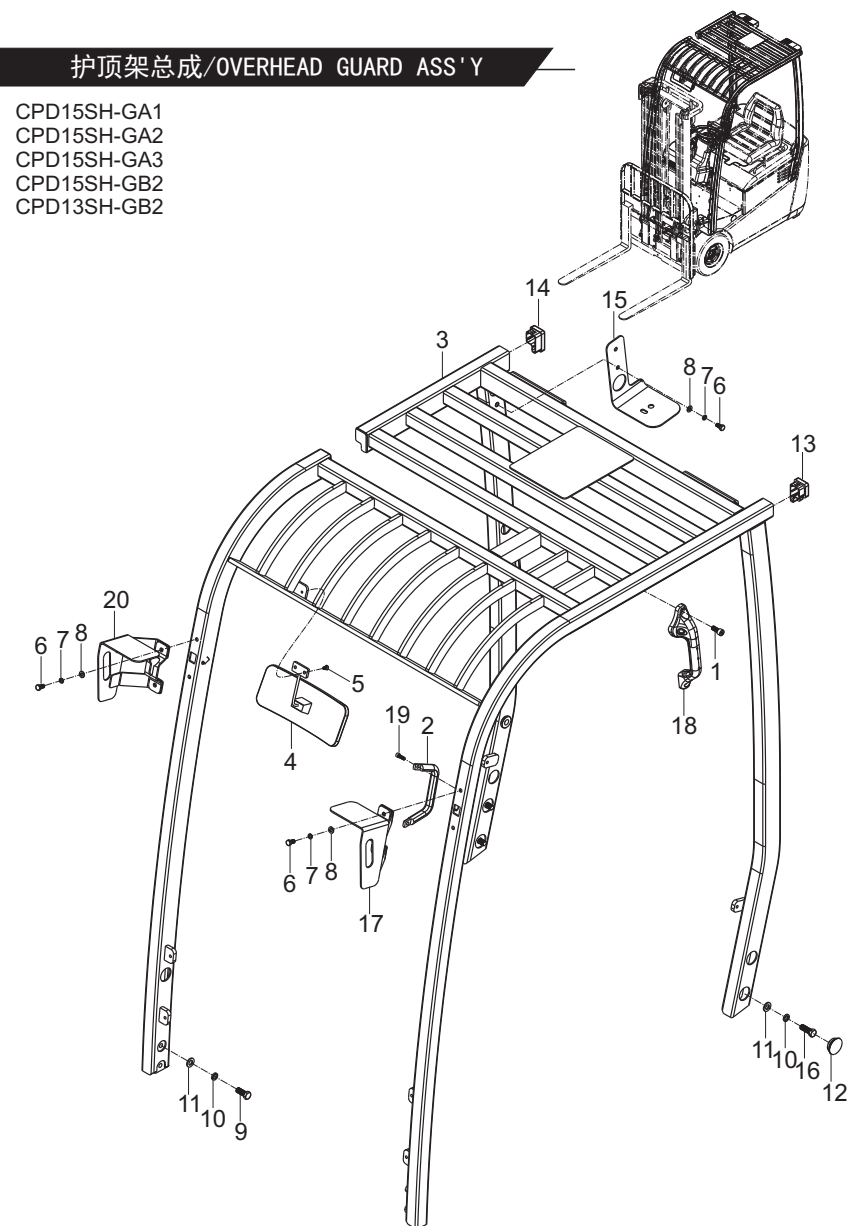


图46/FIG. 46

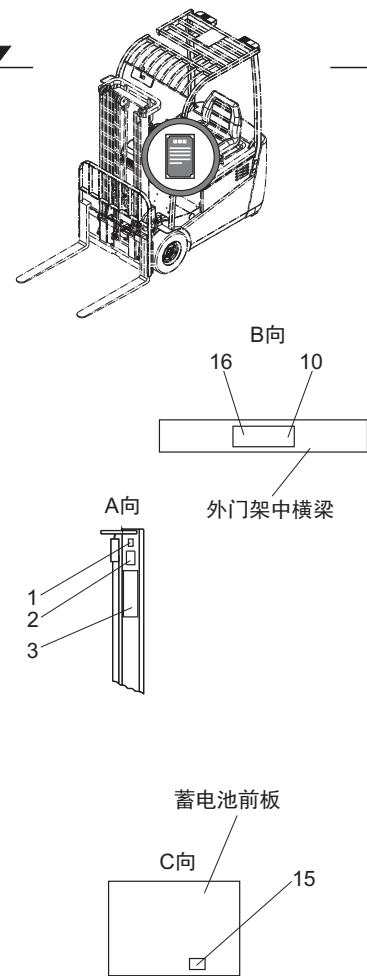
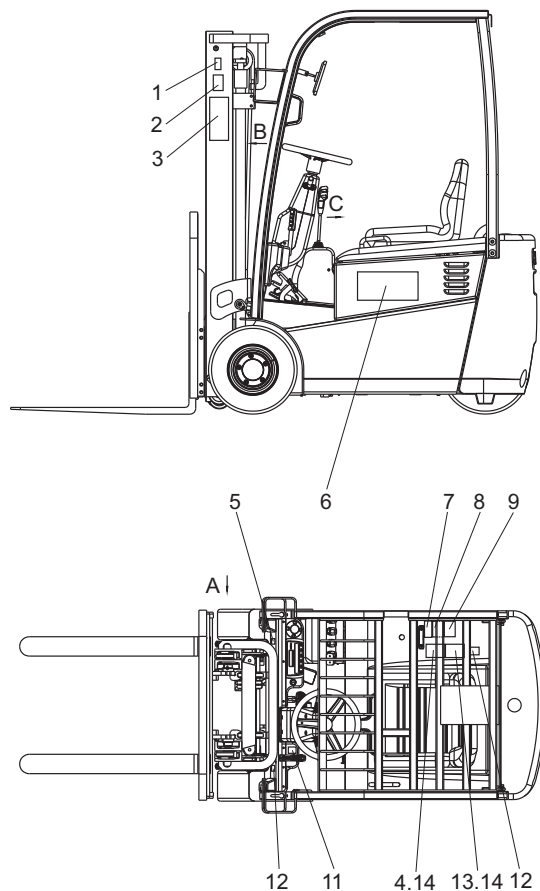
护顶架总成/OVERHEAD GUARD ASS'Y

序号 Item No	图 号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备 注 Remark
A	AP615-10001	06	Overhead guard ass'y 护顶架总成	1	
01	B8030-08020	00	Screw 螺钉M8X20	2	GB70-85
02	A22A5-10412G	01	Handle 把手总成	1	
03	AP615-10201	03	Overhead guard 护顶架	1	
04	A61Q5-11201	00	Back-mirror 后视镜总成	1	
05	B1310-06012	00	Screw 螺钉M6X12	2	GB819-85
06	B0330-08016	00	Bolt 螺栓M8x16	6	GB5783-86
07	B5050-00008	00	Washer,lock 垫圈8	6	GB93-87
08	B5310-00008	00	Washer 垫圈8	6	GB97.1-85
09	B0530-12030	00	Bolt 螺栓M12X1. 25X30	4	GB5786-86
10	B5050-00012	00	Washer,lock 垫圈12	8	GB93-87
11	B5310-00012	00	Washer 垫圈12	8	GB97.1-85
12	AP615-12241	00	Cap 装饰盖	4	
13	AP615-12251	02	Side tubal cover L.H. 边管罩左	1	
14	AP615-12261	02	Side tubal cover R.H. 边管罩右	1	
15	A71Y5-12111	01	Bracket 灯支架	1	选用 Option
16	B0530-12035	00	Bolt 螺栓M12X1. 25X35	4	GB5786-86
17	AE775-10901	02	Bracket L.H. 前灯架总成(左)	1	
18	A6S55-10431	01	Handle 后把手总成	1	
19	B8030-06020	00	Screw 螺钉M6X20	2	GB70-85
20	AE775-10801	02	Bracket R.H. 前灯架总成(右)	1	



标牌(国内)/PLATE (HOMELAND)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2



标牌(英语)/PLATE(ENGLISH)

CPD15SH-GA1
CPD15SH-GA2
CPD15SH-GA3
CPD15SH-GB2
CPD13SH-GB2



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L329-3:2015