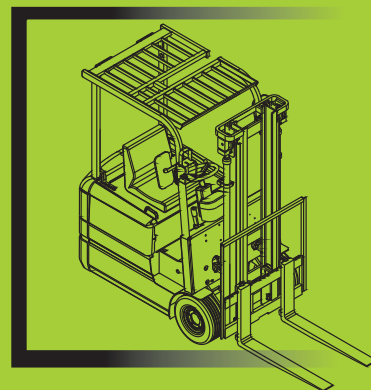


HELI

零件目录



零件目录 parts manual

G2系列 1.5t-2t

前驱三支点锂电池叉车

G2 Series Three wheel Lithium
Battery Forklift Trucks(Front
drive)

L434-2:2018

安徽合力股份有限公司
ANHUI HELI CO., LTD.



零件目录
parts manual

G2系列 1.5t-2t

前驱三支点锂电池叉车

G2 Series Three wheel
Lithium Battery Forklift
Trucks(Front drive)

HELI
研发部产品资源所
PRODUCT RESOURCE
INSTITUTE

L434-2:2018

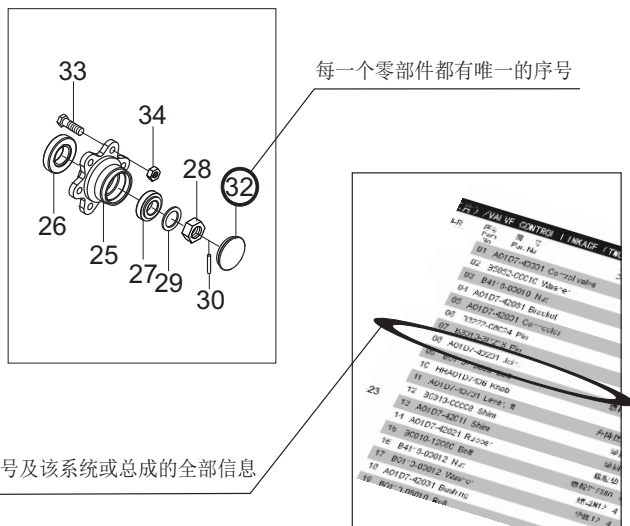
本零件目录汇集了G2系列1.5t, 1.6t, 1.8t, 2.0t前轮双驱锂电池平衡重式叉车的零部件

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。



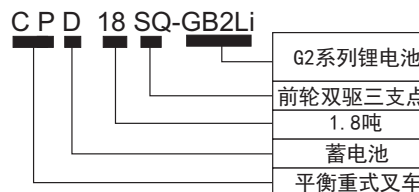
版本号说明 零部件图纸为DWG格式的一律加前缀D

订购零部件时，务请写清所需零部件的图号及订购数量

在维修时，请使用正规渠道提供的发动机零部件，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

叉车商品编号



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

具体车型与电控的对应关系：

CPD15SQ-GB2Li	ZAPI
CPD16SQ-GB2Li	ZAPI
CPD18SQ-GB2Li	ZAPI
CPD20SQ-GB2Li	ZAPI

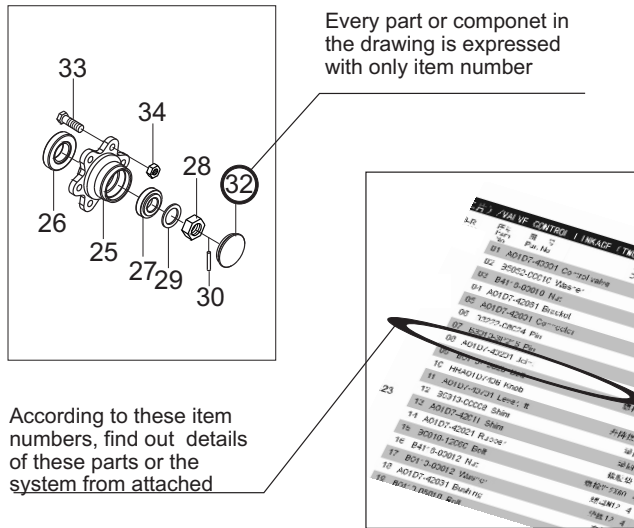
THIS PARTS CATALOGUE COVERS PARTS IN THE MOST OF 1.5, 1.6, 1.8, 2.0 TON FRONT WHEEL DOUBLE DRIVING LI BATTERY FORKLIFT TRUCKS IN G2 SERIES

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, finding 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.



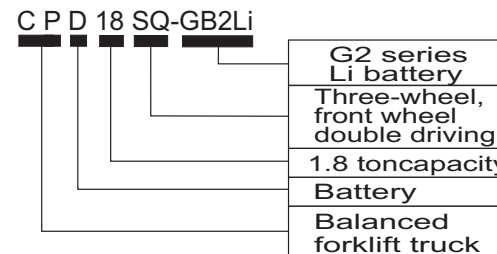
Version number note: DWG form drawings are referred by adding a prefix D.

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



Abbreviations in the CATALOGUE

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

The following trucks are provided with corresponding engine

CPD15SQ-GB2Li	ZAPI
CPD16SQ-GB2Li	ZAPI
CPD18SQ-GB2Li	ZAPI
CPD20SQ-GB2Li	ZAPI

图1 驱动桥总成	1	Fig.1 DRIVE AXLE ASS'Y
图2 前轮总成	2	Fig.2 FRONT WHEEL ASS'Y
图3 前轮总成	3	Fig.3 FRONT WHEEL ASS'Y
图4 电气系统	4	Fig.4 ELECTRIC SYSTEM
图5 电气系统	7	Fig.5 ELECTRIC SYSTEM
图6 电气系统	10	Fig.6 ELECTRIC SYSTEM
图7 电气原理图	13	Fig.7 PRINCIPLE DIAGRAM
图8 车身线束	14	Fig.8 WIRE HARNESS, BODY
图9 控制装置总成	15	Fig.9 CONTROL UNIT ASS'Y
图10 电源插座总成	16	Fig.10 BATTERY SOCKET ASS'Y
图11 蓄电池组	17	Fig.11 BATTERY ASS'Y
图12 蓄电池组	18	Fig.12 BATTERY ASS'Y
图13 蓄电池组	19	Fig.13 BATTERY ASS'Y
图14 转向系统	20	Fig.14 STEERING SYSTEM
图15 转向管柱总成	21	Fig.15 STEERING COLUMN
图16 转向总成	22	Fig.16 STEERING ASS'Y
图17 后轮总成	24	Fig.17 REAR WHEEL ASS'Y
图18 车架与平衡重	25	Fig.18 FRAME & COUNTERWEIGHT
图19 车架与平衡重	26	Fig.19 FRAME & COUNTERWEIGHT
图20 机罩类及座椅	27	Fig.20 HOOD & SEAT
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图22 底板类	30	Fig.22 FLOOR BOARD
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图33 货叉架(基本型)	47	Fig.33 LIFT BRACKET (NORMAL)
图34 货叉架(二级全自由)	48	Fig.34 LIFT BRACKET (FULL FREE 2-STAGE)
图35 货叉架(三级全自由)	49	Fig.35 LIFT BRACKET (FULL FREE 3-STAGE)
图36 门架(基本型)	50	Fig.36 MAST (NORMAL)
图37 门架(二级全自由)	52	Fig.37 MAST (FULL FREE 2-STAGE)
图38 门架(三级全自由)	54	Fig.38 MAST (FULL FREE 3-STAGE)
图39 起升油缸(基本型)	56	Fig.39 LIFT CYLINDER(NORMAL)
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图42 后起升油缸(二级全自由)	65	Fig.42 LIFT CYLINDER,REAR(FULL FREE 2-STAGE)

图43 后起升油缸(三级全自由).....	68 Fig.43 LIFT CYLINDER,REAR(FULL FREE 3-STAGE)
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图45 倾斜油缸.....	74 Fig.45 TILT CYLINDER
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图47 标牌(国内).....	77 Fig.47 DECAL(HOMELAND)
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图4/FIG. 4

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	A65N2-40001	D04	Electric system 电气系统	1	
01	A67N2-40021	D02	Electrical principle diagram 电气原理图	1	
02	A65N2-40031	D01	Controller ass'y 控制装置总成	1	
03	A67N2-40041	D02	Wire harness,body 车身线束	1	
04	A7N72-40051	D00	Meter 显示仪表	1	
05	A67X2-40071	01	Lift motor 交流泵电机	1	
06	A65P2-40081	D01	Battery socket ass'y 电源插座(接车体端)	1	
07	A7G56-49551	D00	Fitting plate 插座安装板	1	
08	A65P2-40101	D02	Lithium battery 锂电池组(320Ah)	1	标准 STD
-	A65P2-40111	D02	Lithium battery 锂电池组(400Ah)	1	选用 Option
09	A7B32-40101	D01	Electronic handbrake switch ass'y 电子手刹开关总成	1	
10	A63K2-40501	00	Accelerator 踏板加速器	1	
11	A7E92-40901	D04	Switchover DC-DC转换器	1	
12	Q74A2-42041	01	Key switch 钥匙开关	1	
-	Q74A2-42041T	00	Key switch 通用钥匙开关	1	选用 Option
13	XB2-BS542	01	Turnoff switch 紧急断电开关	1	
14	A79S2-43701	00	Horn filter 喇叭滤波器	1	
15	A79S2-40111	01	Horn 喇叭DL124ED	1	
16	A61S2-41301	01	Back buzzer 倒车蜂鸣器	1	
17	A7S92-40192	D00	Comb. switch 双手柄组合开关	1	
18	Q78B2-41501	D00	Pedal brake 踏板制动器	1	
19	D07SG153-12V	D00	Flasher 电子闪光器	1	
20	D1252-1106	D00	Clip 线卡	4	
21	A65F2-41701	00	Transducer 起升调速传感器(防水型)	1	
22	FZ-DRGZ	D00	Heat conduction silica gel 导热硅脂	1	
23	P90H2-40311	04	Fuse box 熔丝盒	1	
24	D03XK0367	D00	Wireharness clip 线束固定卡	5	
25	A6V92-40381	D00	Rear combination lamp 后组合灯	2	
26	A7G52-40121	D00	Combined switch panel 组合开关盖板	1	
27	A6V92-40071	D00	Caution lamp 警示灯总成	1	

CPD15SQ-GB2Li

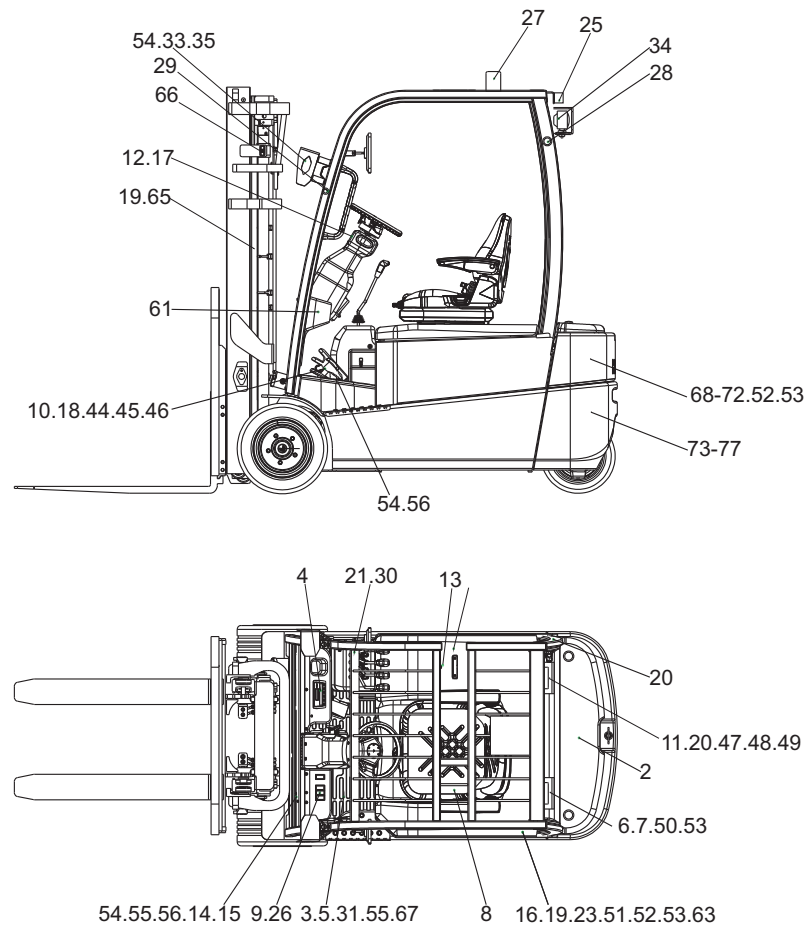


图4/FIG. 4

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
28	H24C2-40701	D00	Dust ring 防尘胶圈	6	
29	A6V72-41001	00	Rubber ring 出线胶圈	2	
30	A7S92-40221	D00	Control switch 阀控开关	2	二片阀用 标配 STD
-				3	三片阀用 选配 Option
-				4	四片阀用 选配 Option
31	SY2983-BLK	D00	Power head protecting sleeve 电源桩头护套	2	
32	D12-7427151	D00	Motor connecting wire magnet ring 电机连接线磁环	6	
33	A6V92-40361	D00	LED front lamp LED前小灯	2	
34	A6V92-40081	D02	Rear light ass'y 后工作灯总成	1	选配后大灯时用
35	A6V92-40351	D00	LED worklamp LED工作灯	2	
36	D12-7427150	00	Motor connecting wire magnet ring 电机连接线磁环	12	
37	A7G52-40151H	D00	Cabin electric installment ass'y 驾驶室电气安装总成	1	选配驾驶室时用
38	HRA65N2401	D00	Cable 电缆连接线	1	
39	A65N2-43011 HRA65N2401 A65N2-43021	D00	Cable 电缆连接线	1	
40	HRA65N2401 A65N2-43031	D00	Cable 电缆连接线	1	
41	HRA65N2401 A65N2-43041	D00	Cable 电缆连接线	1	
42	HRA65N2401 A65N2-43051	D00	Cable 电缆连接线	1	
43	HRA65N2401 A65N2-43061	D00	Cable 电缆连接线	1	
44	HRA65N2401 A65N2-43071	D00	Cable 电缆连接线	1	
45	HRA65N2401 A65N2-43081	D00	Cable 电缆连接线	1	
46	HRA65N2401 A65N2-43091	D00	Cable 电缆连接线	1	
47	B0330-08025	00	Bolt 螺栓M8X25	4	GB5783-86
48	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
49	B5310-00008	00	Washer 垫圈8	4	GB97.1-85
50	B0230-06050	00	Bolt 螺栓M6X50	4	GB5782-86
51	B1210-06012	00	Screw 螺钉M6X12	11	GB818-85
52	B5310-00006	00	Washer 垫圈6	15	GB97.1-85
53	B5050-00006	00	Washer,lock 垫圈6	19	GB93-87
54	Q78B2-44001	D01	Fan 散热风扇	2	
55	SY2985-BLK	D00	Sleeve 接线护套	18	

CPD15SQ-GB2Li

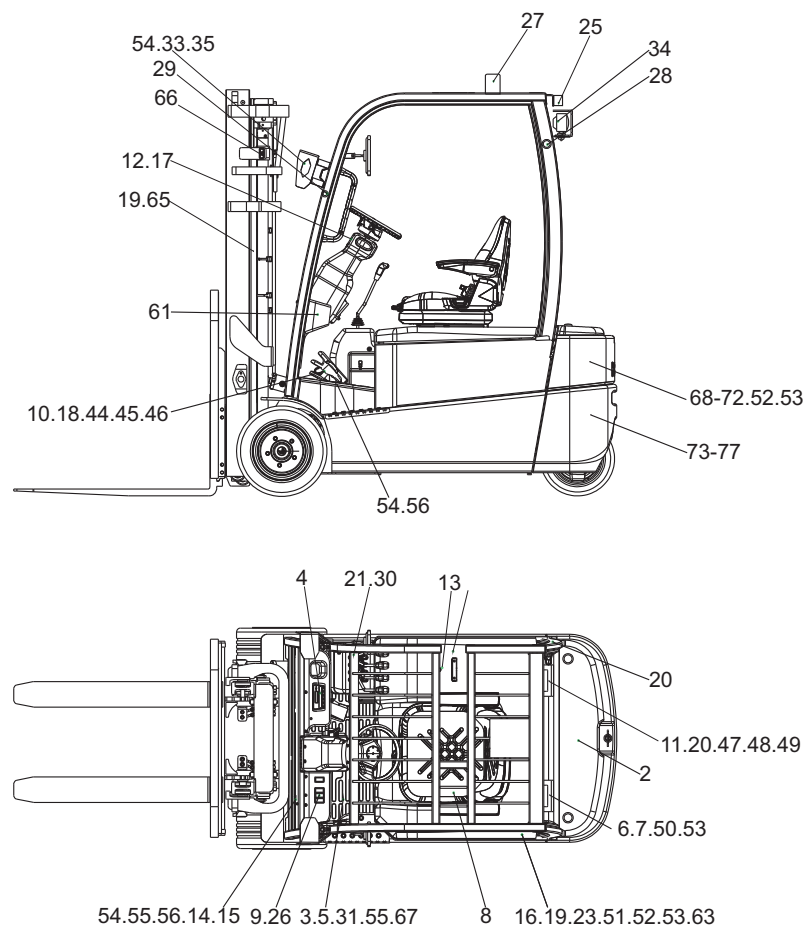


图4/FIG. 4

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
56	Q78B6-13181	00	Washer 风扇安装板	2	
57	H24C2-42131	00	Clip 固定可松开式锁式扎带	3	
58	Z9260-48350	D00	Clip 捆扎带4. 8x350	8	
59	H2MD2-40111	D00	Rear combination lamp washer 后组合灯垫	2	
60	A7N12-40061	D00	Steering signal processor TFD传感器	1	
61	AR792-43011	00	Bearing encoder 电源延时盒	1	
62	D1252-1112	D00	Clip 线卡	2	
63	D07JD1914	D01	Relay 继电器12V/50A	4	
64	A6V92-40371	D00	Wire harness LED灯过渡线束	2	
65	HRA65N2402	D00	Cable 门架上缓冲过渡线束	1	
66	Q6F32-40331	D00	Approach SW. 接近开关	1	
67	D03XK0366	D00	Clip 线束固定卡	1	
68	A67N2-40061	D00	Steering motor 转向电机	1	
70	A67N2-40071	D00	Steering controller 转向控制器	1	
71	A67N2-40312	D00	Potentiometer 双通道电位器	1	
72	B1210-06035	00	Screw 螺钉M6x35	4	GB818-85
73	HRA67N2402 A67N2-42011	D00	Cable 转向电缆连接线	1	
74	HRA67N2402 A67N2-42021	D00	Cable 转向电缆连接线	1	
75	HRA67N2402 A67N2-42031	D00	Cable 转向电缆连接线	1	
76	HRA67N2402 A67N2-42041	D00	Cable 转向电缆连接线	1	
77	HRA67N2402 A67N2-42051	D00	Cable 转向电缆连接线	1	

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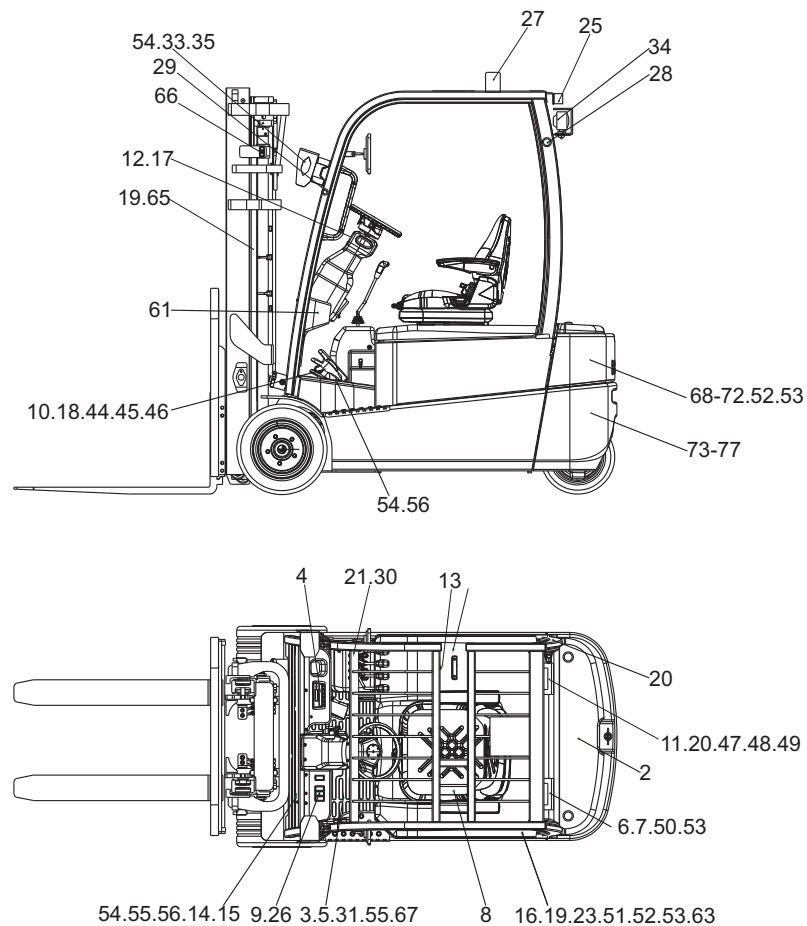


图5/FIG. 5

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	A65P2-40001	D03	Electric system 电气系统	1	
01	A67N2-40021	D00	Electrical principle diagram 电气原理图	1	
02	A65P2-40031	D00	Controller ass'y 控制装置总成	1	
03	A67N2-40041	D02	Wire harness,body 车身线束	1	
04	A7N72-40051	D00	Meter 显示仪表	1	
05	A67X2-40071	01	Lift motor 交流泵电机	1	
06	A65P2-40081	D00	Battery socket ass'y 电源插座(接车体端)	1	
07	A7G56-49551	D01	Fitting plate 插座安装板	1	
08	A65P2-40101	D02	Lithium battery 锂电池组(320Ah)	1	标准 STD
-	A65P2-40111	D02	Lithium battery 锂电池组(400Ah)	1	选用 Option
09	A7B32-40101	D01	Electronic handbrake switch ass'y 电子手刹开关总成	1	
10	A63K2-40501	00	Accelerator 踏板加速器	1	
11	A7E92-40901	D04	Switchover DC-DC转换器	1	
12	Q74A2-42041	01	Key switch 钥匙开关	1	
-	Q74A2-42041T	00	Key switch 通用钥匙开关	1	选用 Option
13	XB2-BS542	01	Turnoff switch 紧急断电开关	1	
14	A79S2-43701	00	Horn filter 喇叭滤波器	1	
15	A79S2-40111	01	Horn 喇叭DL124ED	1	
16	A61S2-41301	01	Back buzzer 倒车蜂鸣器	1	
17	A7S92-40192	D00	Comb. switch 双手柄组合开关	1	
18	Q78B2-41501	D00	Pedal brake 踏板制动器	1	
19	D07SG153-12V	D00	Flasher 电子闪光灯	1	
20	D1252-1106	D00	Clip 线卡	4	
21	A65F2-41701	00	Transducer 起升调速传感器(防水型)	1	
22	FZ-DRGZ	D00	Heat conduction silica gel 导热硅脂	1	
23	P90H2-40311	04	Fuse box 熔丝盒	1	
24	D03XK0367	D00	Wireharness clip 线束固定卡	5	
25	A6V92-40381	D00	Rear combination lamp 后组合灯	2	
26	A7G52-40121	D00	Combined switch panel 组合开关盖板	1	
27	A6V92-40071	D00	Caution lamp 警示灯总成	1	

CPD16SQ-GB2Li

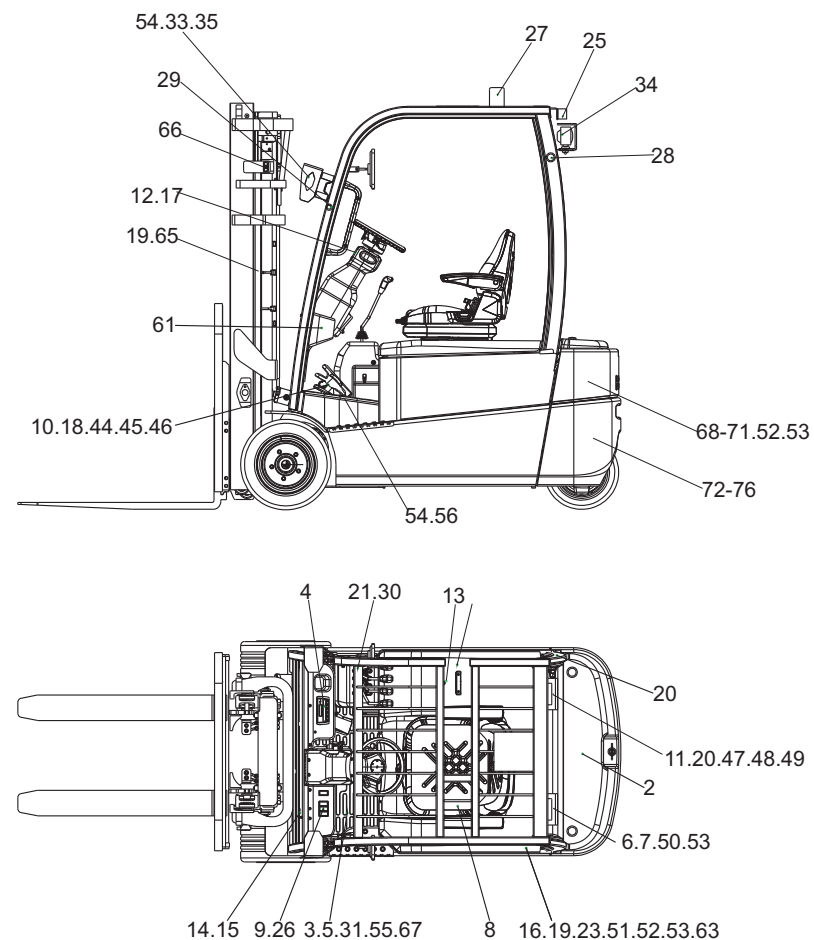


图5/FIG. 5

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
28	H24C2-40701	D00	Dust ring 防尘胶圈	6	
29	A6V72-41001	00	Rubber ring 出线胶圈	2	
30	A7S92-40221	D00	Control switch 阀控开关	2	二片阀用 标配 STD
-				3	三片阀用 选配 Option
-				4	四片阀用 选配 Option
31	SY2983-BLK	D00	Power head protecting sleeve 电源桩头护套	2	
32	D12-7427151	D00	Motor connecting wire magnet ring 电机连接线磁环	6	
33	A6V92-40361	D00	LED front lamp LED前小灯	2	
34	A6V92-40081	D02	Rear light ass'y 后工作灯总成	1	选配后大灯时用
35	A6V92-40351	D00	LED worklamp LED工作灯	2	
36	D12-7427150	00	Motor connecting wire magnet ring 电机连接线磁环	12	
37	A7G52-40151H	D00	Cabin electric installment ass'y 驾驶室电气安装总成	1	选配驾驶室时用
38	HRA65N2401 A65N2-43011	D00	Cable 电缆连接线	1	
39	HRA65N2401 A65N2-43021	D00	Cable 电缆连接线	1	
40	HRA65N2401 A65N2-43031	D00	Cable 电缆连接线	1	
41	HRA65N2401 A65N2-43041	D00	Cable 电缆连接线	1	
42	HRA65N2401 A65N2-43051	D00	Cable 电缆连接线	1	
43	HRA65N2401 A65N2-43061	D00	Cable 电缆连接线	1	
44	HRA65N2401 A65N2-43071	D00	Cable 电缆连接线	1	
45	HRA65N2401 A65N2-43081	D00	Cable 电缆连接线	1	
46	HRA65N2401 A65N2-43091	D00	Cable 电缆连接线	1	
47	B0330-08025	00	Bolt 螺栓M8X25	4	GB5783-86
48	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
49	B5310-00008	00	Washer 垫圈8	4	GB97.1-85
50	B0230-06050	00	Bolt 螺栓M6X50	4	GB5782-86
51	B1210-06012	00	Screw 螺钉M6X12	11	GB818-85
52	B5310-00006	00	Washer 垫圈6	15	GB97.1-85
53	B5050-00006	00	Washer,lock 垫圈6	19	GB93-87
54	Q78B2-44001	D01	Fan 散热风扇	2	
55	SY2985-BLK	D00	Sleeve 接线护套	18	

CPD16SQ-GB2Li

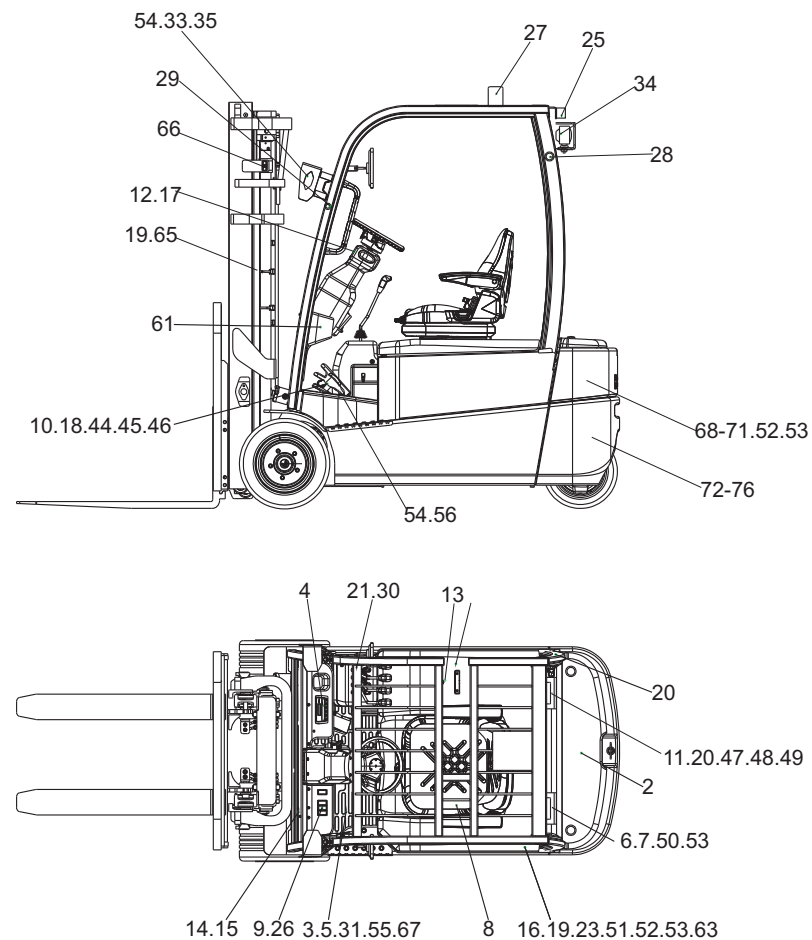


图5/FIG. 5

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
56	Q78B6-13181	00	Plate 风扇安装板	2	
57	H24C2-42131	00	Clip 固定可松开式锁式扎带	3	
58	Z9260-48350	D00	Clip 捆扎带4. 8x350	8	
59	H2MD2-40111	D00	Rear combination lamp washer 后组合灯垫	2	
60	A7N12-40061	D00	Steering signal processor TFD传感器	1	
61	AR792-43011	00	Bearing encoder 电源延时盒	1	
62	D1252-1112	D00	Clip 线卡	2	
63	D07JD1914	D01	Relay 继电器12V/50A	4	
64	A6V92-40371	D00	Wire harness LED灯过渡线束	2	
65	HRA65N2402	D00	Cable 门架上缓冲过渡线束	1	
66	Q6F32-40331	D00	Approach SW. 接近开关	1	
67	D03XK0366	D00	Clip 线束固定卡	9	
68	A67N2-40061	D00	Steering motor 转向电机	1	
69	A67N2-40071	D00	Steering controller 转向控制器	1	
70	A67N2-40312	D00	Potentiometer 双通道电位器	1	
71	B1210-06035	00	Screw 螺钉M6x35	4	GB818-85
72	HRA67N2402 A67N2-42011	D00	Cable 转向电缆连接线	1	
73	HRA67N2402 A67N2-42021	D00	Cable 转向电缆连接线	1	
74	HRA67N2402 A67N2-42031	D00	Cable 转向电缆连接线	1	
75	HRA67N2402 A67N2-42041	D00	Cable 转向电缆连接线	1	
76	HRA67N2402 A67N2-42051	D00	Cable 转向电缆连接线	1	

CPD16SQ-GB2Li

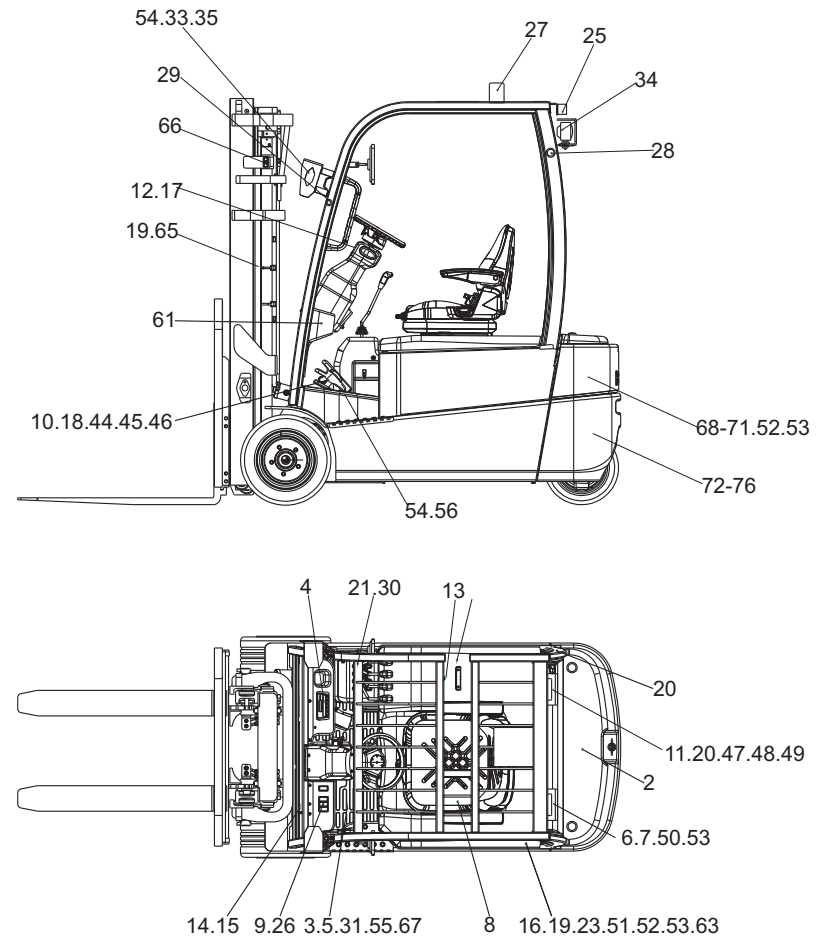


图6/FIG. 6

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	A67N2-40001	D03	Electric system 电气系统	1	
01	A67N2-40021	D02	Electrical principle diagram 电气原理图	1	
02	A67N2-40031	D01	Controller ass'y 控制装置总成	1	
03	A67N2-40041	D00	Wire harness,body 车身线束	1	
04	A7N72-40051	D00	Meter 显示仪表	1	
05	A7B32-40071G	D00	Lift motor 交流泵电机	1	
06	A65P2-40081	D01	Battery socket ass'y 电源插座(接车体端)	1	
07	A7G56-49551	D00	Fitting plate 插座安装板	1	
08	A67N2-40101	D01	Lithium battery 锂电池组(500Ah)	1	标准 STD
-	A67N2-40111	D01	Lithium battery 锂电池组(600Ah)	1	选用 Option
09	A7B32-40101	D01	Electronic handbrake switch ass'y 电子手刹开关总成	1	
10	A63K2-40501	00	Accelerator 踏板加速器	1	
11	A7E92-40901	D04	Switchover DC-DC转换器	1	
12	Q74A2-42041	01	Key switch 钥匙开关	1	
-	Q74A2-42041T	00	Key switch 通用钥匙开关	1	选用 Option
13	XB2-BS542	01	Turnoff switch 紧急断电开关	1	
14	A79S2-43701	00	Horn filter 喇叭滤波器	1	
15	A79S2-40111	01	Horn 喇叭DL124ED	1	
16	A61S2-41301	01	Back buzzer 倒车蜂鸣器	1	
17	A7S92-40192	D00	Comb. switch 双手柄组合开关	1	
18	Q78B2-41501	D00	Pedal brake 踏板制动器	1	
19	D07SG153-12V	D00	Flasher 电子闪光器	1	
20	D1252-1106	D00	Clip 线卡	4	
21	A65F2-41701	00	Transducer 起升调速传感器(防水型)	1	
22	FZ-DRGZ	D00	Heat conduction silica gel 导热硅脂	1	
23	P90H2-40311	04	Fuse box 熔丝盒	1	
24	D03XK0367	D00	Wireharness clip 线束固定卡	5	
25	A6V92-40381	D00	Rear combination lamp 后组合灯	2	
26	A7G52-40121	D00	Combined switch panel 组合开关盖板	1	
27	A6V92-40071	D00	Caution lamp 警示灯总成	1	

CPD18SQ,20SQ-GB2Li

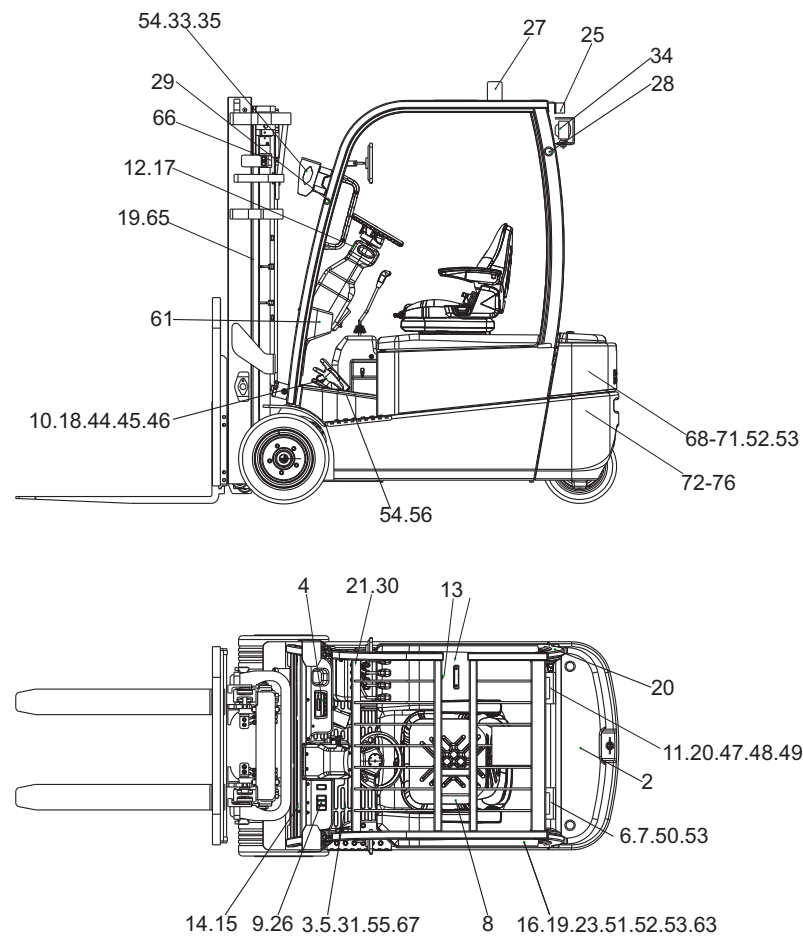


图6/FIG. 6

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
28	H24C2-40701	D00	Dust ring 防尘胶圈	6	
29	A6V72-41001	00	Rubber ring 出线胶圈	2	
30	A7S92-40221	D00	Control switch 阀控开关	2	二片阀用 标配 STD
-				3	三片阀用 选配 Option
-				4	四片阀用 选配 Option
31	SY2983-BLK	D00	Power head protecting sleeve 电源桩头护套	2	
32	D12-7427151	D00	Motor connecting wire magnet ring 电机连接线磁环	6	
33	A6V92-40361	D00	LED front lamp LED前小灯	2	
34	A6V92-40081	D02	Rear light ass'y 后工作灯总成	1	选配后大灯时用
35	A6V92-40351	D00	LED worklamp LED工作灯	2	
36	D12-7427150	00	Motor connecting wire magnet ring 电机连接线磁环	12	
37	A7G52-40151H	D00	Cabin electric installment ass'y 驾驶室电气安装总成	1	选配驾驶室时用
38	HRA67N2401	D00	Cable 电缆连接线	1	
39	A67N2-43011	D00	Cable 电缆连接线	1	
40	A67N2-43021	D00	Cable 电缆连接线	1	
41	HRA67N2401	D00	Cable 电缆连接线	1	
42	A67N2-43031	D00	Cable 电缆连接线	1	
43	HRA67N2401	D00	Cable 电缆连接线	1	
44	A67N2-43051	D00	Cable 电缆连接线	1	
45	HRA67N2401	D00	Cable 电缆连接线	1	
46	A67N2-43061	D00	Cable 电缆连接线	1	
47	HRA67N2401	D00	Cable 电缆连接线	1	
48	A67N2-43071	D00	Cable 电缆连接线	1	
49	HRA67N2401	D00	Cable 电缆连接线	1	
50	A67N2-43081	D00	Cable 电缆连接线	1	
51	HRA67N2401	D00	Cable 电缆连接线	1	
52	A67N2-43091	D00	Cable 电缆连接线	1	
53	B0330-08025	00	Bolt 螺栓M8X25	4	GB5783-86
54	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
55	B5310-00008	00	Washer 垫圈8	4	GB97.1-85
56	B0230-06050	00	Bolt 螺栓M6X50	4	GB5782-86
57	B1210-06012	00	Screw 螺钉M6X12	11	GB818-85
58	B5310-00006	00	Washer 垫圈6	15	GB97.1-85
59	B5050-00006	00	Washer,lock 垫圈6	19	GB93-87
60	Q78B2-44001	D01	Fan 散热风扇	2	
61	SY2985-BLK	D00	Sleeve 接线护套	18	

CPD18SQ,20SQ-GB2Li

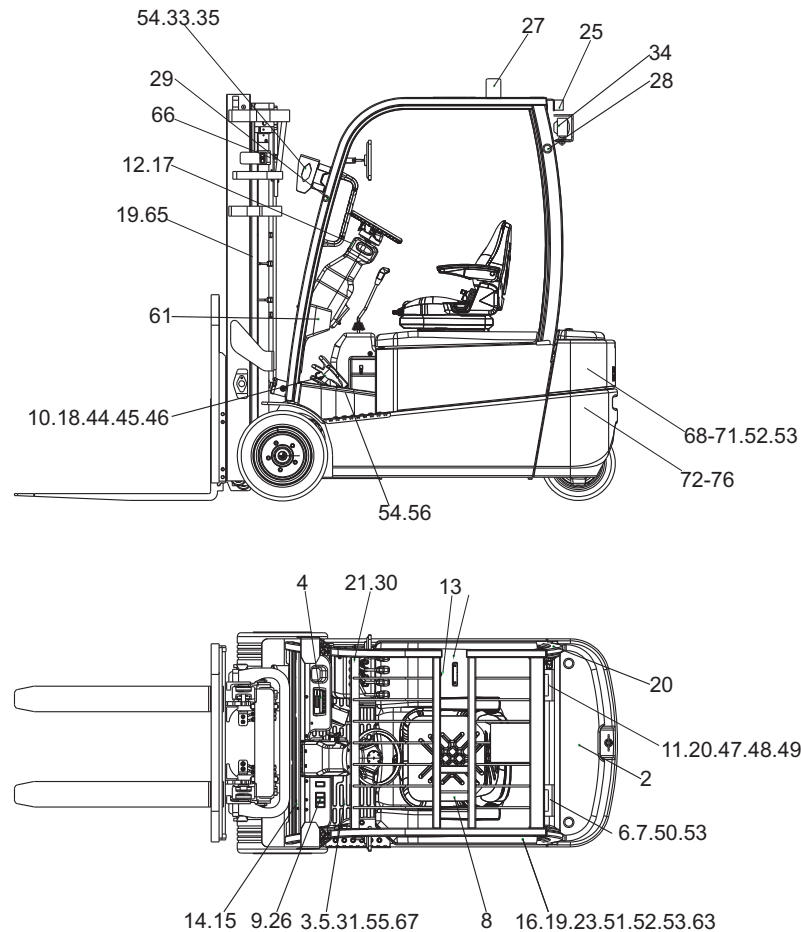


图6/FIG. 6

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
56	Q78B6-13181	00	Plate 风扇安装板	2	
57	H24C2-42131	00	Clip 固定可松开式锁式扎带	3	
58	Z9260-48350	D00	Clip 捆扎带4.8x350	8	
59	H2MD2-40111	D00	Rear combination lamp washer 后组合灯垫	2	
60	A7N12-40061	D00	Steering signal processor TFD传感器	1	
61	AR792-43011	00	Bearing encoder 电源延时盒	1	
62	D1252-1112	D00	Clip 线卡	2	
63	D07JD1914	D01	Relay 继电器12V/50A	5	
64	A6V92-40371	D00	Wireharness LED灯过渡线束	2	
65	HRA65N2402	D00	Cable 门架上缓冲过渡线束	1	
66	Q6F32-40331	D00	Approach SW. 接近开关	1	
67	D03XK0366	D00	Clip 线束固定卡	9	
68	A67N2-40061	D00	Steering motor 转向电机	1	
69	A67N2-40071	D00	Steering controller 转向控制器	1	
70	A67N2-40312	D00	Potentiometer 双通道电位器	1	
71	B1210-06035	00	Screw 螺钉M6x35	4	GB818-85
72	HRA67N2402 A67N2-42011	D00	Cable 转向电缆连接线	1	
73	HRA67N2402 A67N2-42021	D00	Cable 转向电缆连接线	1	
74	HRA67N2402 A67N2-42031	D00	Cable 转向电缆连接线	1	
75	HRA67N2402 A67N2-42041	D00	Cable 转向电缆连接线	1	
76	HRA67N2402 A67N2-42051	D00	Cable 转向电缆连接线	1	
77	A67N2-40091	D00	Lithium battery 锂电池(400Ah)	1	标准 STD

CPD18SQ,20SQ-GB2Li

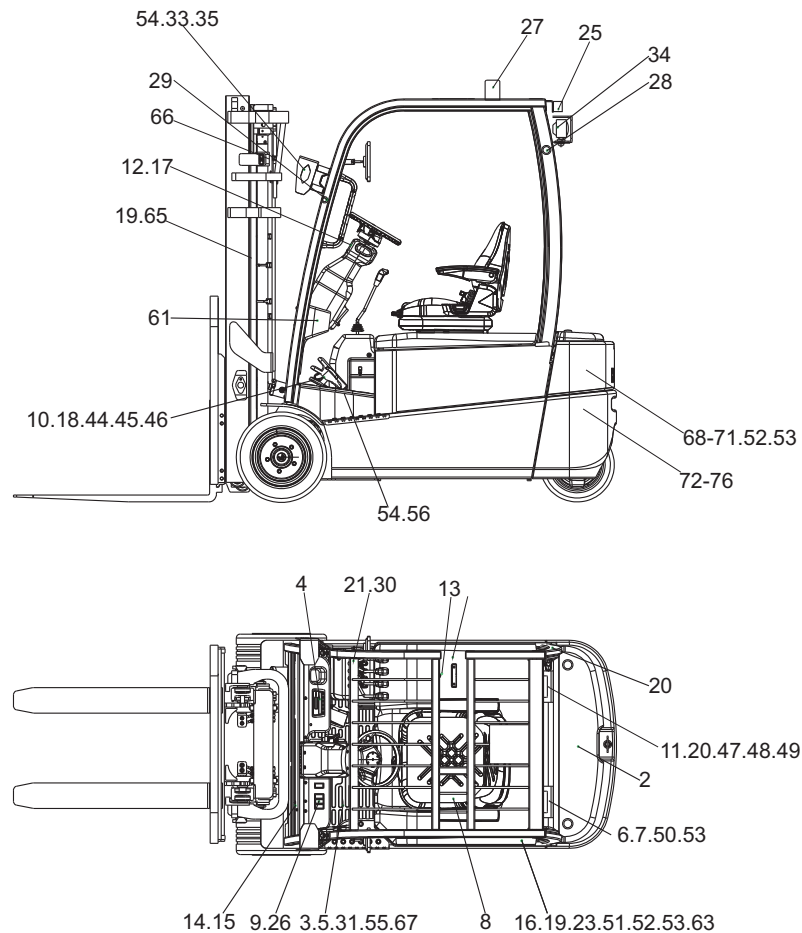


图8/FIG. 8

车身线束/WIRE HARNESS, BODY

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

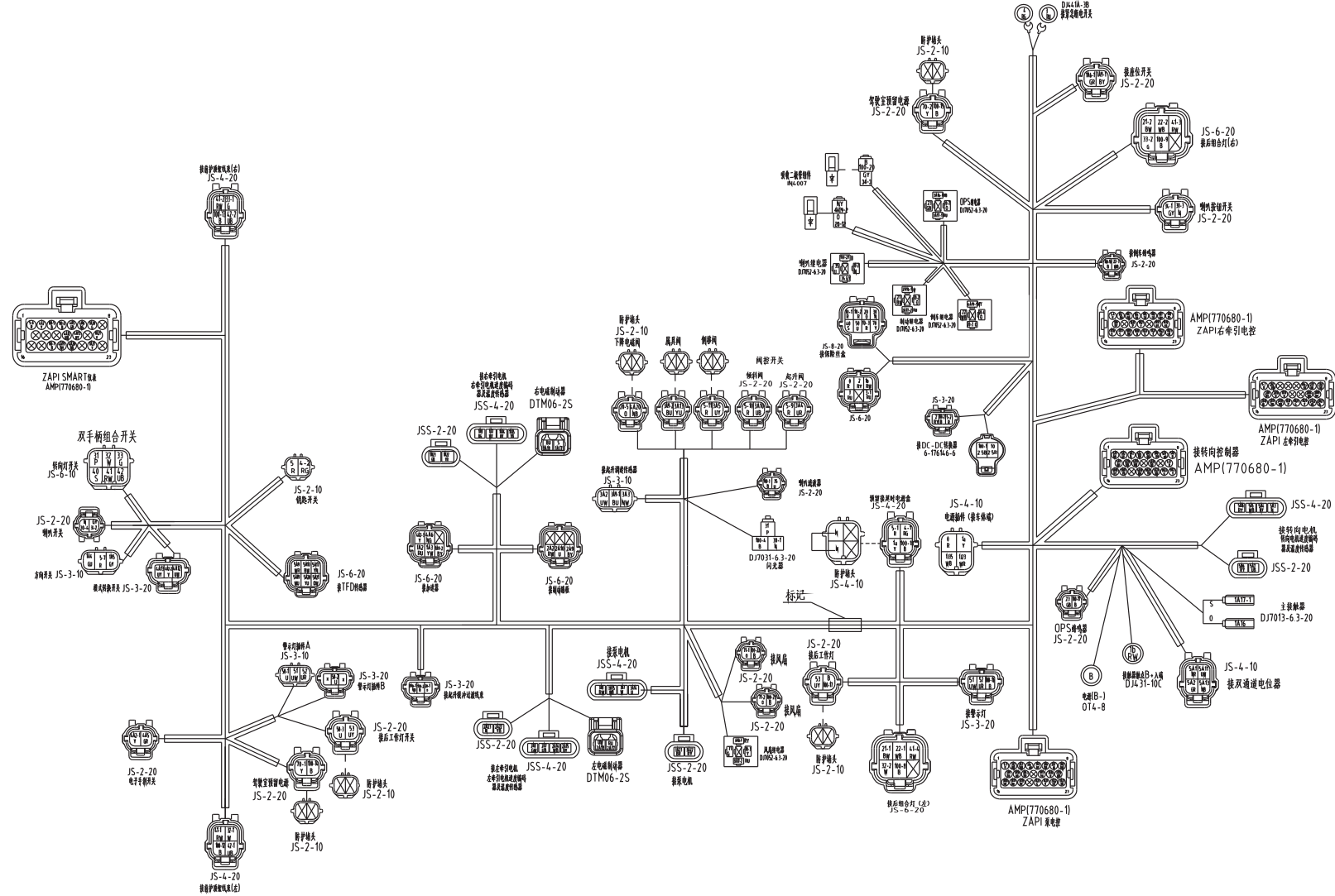


图10/FIG. 10

电源插座总成/BATTERY SOCKET 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	A65P2-40081	D02	Battery socket ass'y 电源插座总成 (接车体端)	1	
01	95043-39	D00	2-Wire composite socket 两芯接插件	1	
02	B1010-06040	00	Screw 螺钉M6x40	2	GB65-85
03	B5310-00006	00	Washer 垫圈6	2	GB97.1-85
04	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
05	W70P-B	D00	Cable diameter 电缆线70mm ²	2	
06	D12-20040B	D00	Plastic pipe 热缩套管Φ20X40	1	
07	D12-20040R	D00	Plastic pipe 热缩套管Φ20X40	1	
08	D11-CT70-8	D00	Cable connector 接线端子CT70-8	1	
09	D11-CT70-10	D00	Cable connector 接线端子CT70-10	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

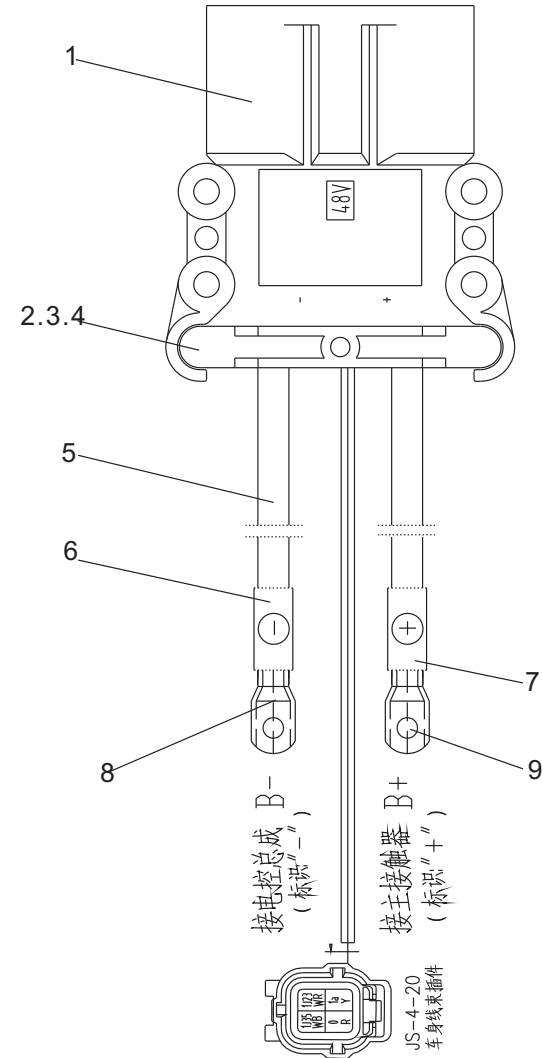


图16/FIG. 16

电转向桥总成(A型)/ELECTRIC STEERING AXLE(A TYPE)

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	A7N14-30011	01	Electric steering axle(A type) 电转向桥总成(A型)	1	
01	A7N14-32161	01	Sleeve 轴套	1	
02	A7N14-32001	01	Case 壳盖	1	
03	A7N14-32011	01	House 壳体	1	
04	A7N14-32021	01	Drive gear 主动齿轮	1	
05	Q78B1-00651	00	Snap ring 挡环	1	
06	A7N14-32151	01	Cover plate 电位器盖板	1	
07	B0330-10030	00	Bolt 螺栓M10x30	1	
08	Z-6305-RS	00	Bushing 轴承6305-RS	2	GB/T297-94
09	A7N14-32031	01	Double Gear 双联齿轮	1	
10	A7N14-30101	00	Rear axle ass'y 轮毂后桥总成A型	1	
11	A7N14-32111	01	Oil seal 骨架油封85x120x12	1	
12	Z-30212	00	Bushing 轴承30212	1	GB/T297-94
13	A7N14-32091	00	Sleeve 驱动轴隔套	1	
14	A7N14-32041	01	Tilt gear 斜齿轮	1	
15	B6150-00058	00	Snap ring 轴用弹性挡圈-A型	1	
16	B5050-00008	00	Washer,lock 垫圈8	12	GB93-87
17	B8030-08030	00	Screw 螺钉M8x30	16	GB70-85
18	Z-32209	00	Bushing 轴承32209	1	GB/T297-94
19	A7N14-32061	00	Snap ring 挡油环	1	
20	A7N14-32051	01	Cover 端盖	1	
21	B1210-04025	00	Screw 螺钉M4x25	2	GB818-85
22	B5050-00006	00	Washer,lock 垫圈6	3	GB93-87
23	B0330-06020	00	Bolt 螺栓M6x20	3	GB5783-86
24	15413-22101	00	Shim 垫片	1	
25	15413-22091	00	Shim 垫片	1	
26	B1210-05016	00	Screw 螺钉M5x16	3	GB818-85
27	B5050-00005	00	Washer,lock 垫圈5	3	GB93-87
28	A7B34-34161B	00	Setting plate 固定板	1	
29	Q70B1-02201	00	Fastening nut 紧固螺母	1	

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

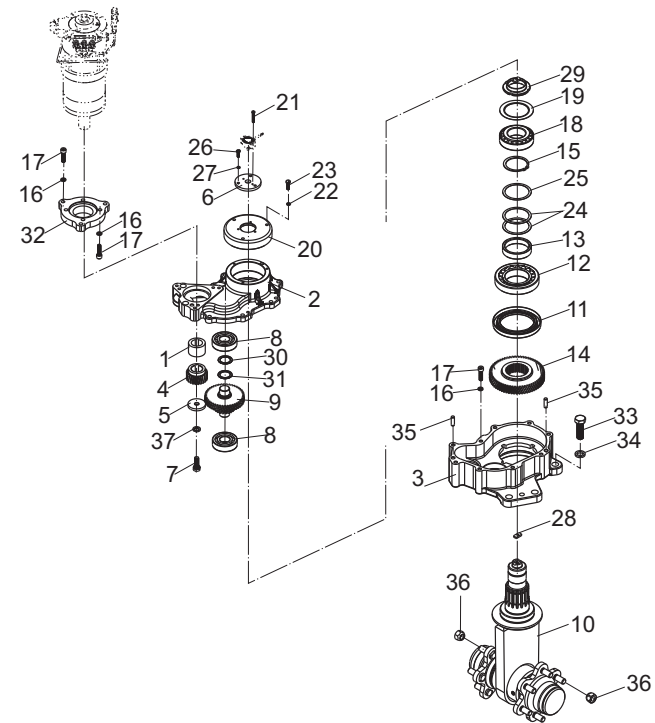


图17/FIG. 17

后轮总成/REAR WHEEL ASS'Y

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

序号 Item No	图号 Part No	版本 Edition	零件名称 Description	件数 Q'ty	备注 Remark
A	A7N14-40401	01	Rear wheel ass'y 后轮总成	2	
01	A7N14-40511	00	Rim ass'y 轮辋总成	2	
02	Z3750-14009Q	00	Tyre 实心轮胎104/55-9	2	电动专用实心胎 Solid tyre
-	Z3750-14009BQ	00	Tyre 无痕迹实心轮胎140/55-9	2	电动专用无痕迹实心胎 Solid no-marking tyre

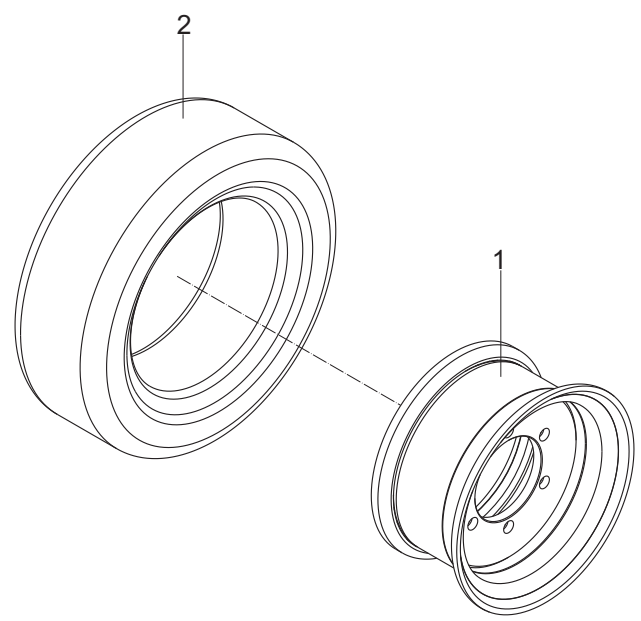


图18/FIG. 18

车架与平衡重/FRAME & COUNTERWEIGHT

CPD15SQ,16SQ,-GB2Li

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	A65P6-30001	01	Counter weight 1.5-1.6t平衡重总成	1	
01	A65N6-30201	01	Counter weight (inc.6) 1.5-1.6t平衡重	1	
02	B5310-00024	00	Washer 垫圈24	2	GB97.1-85
03	B5050-00024	00	Washer,lock 垫圈24	2	GB93-87
04	B0230-24080	00	Bolt 螺栓M24X80	2	GB5782-86
05	A65P6-10001	02	Frame 车架总成	1	
06	A7X36-32021	01	Pre-buried part 预埋件	2	
07	B0430-16100	00	Bolt 螺栓M16X1.5X100	2	GB5785-86
08	A65N6-32021	00	Auxiliary counterweight 1.5t副配重II	1	
-	A65N6-32011	00	Auxiliary counterweight 1.6t副配重I	1	
09	B0230-16080	00	Bolt 螺栓M16X80	1	GB5782-86
10	B5050-00016	00	Washer,lock 垫圈16	2	GB93-87
11	B5210-00016	00	Washer 垫圈16	2	GB96-85

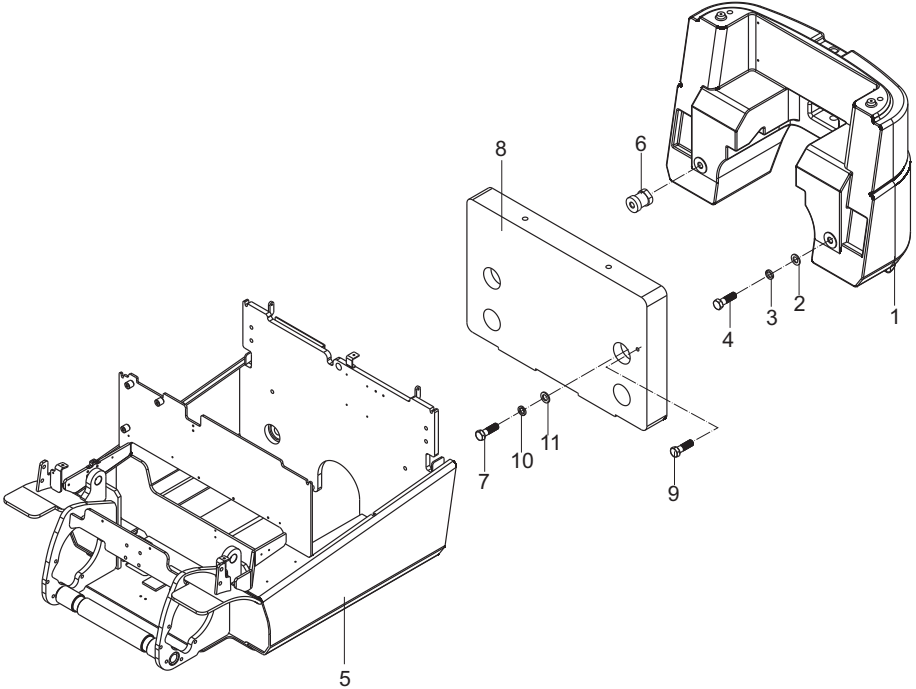


图19/FIG. 19

车架与平衡重/FRAME & COUNTERWEIGHT

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	A67N6-30001	01	Counter weight 1.8-2t平衡重总成	1	
01	A67N6-30201	01	Counter weight (Inc.8) 1.8t平衡重	1	
-	A67P6-30201	01	Counter weight(Inc.8) 2.0t平衡重	1	
02	B5310-00024	00	Washer 垫圈24	2	GB97.1-85
03	B5050-00024	00	Washer,lock 垫圈24	2	GB93-87
04	B0230-24080	00	Bolt 螺栓M24X80	2	GB5782-86
05	A67N6-10001	02	Frame 车架总成	1	
06	A7B36-30201	00	Drawbar pin 牵引销	1	
07	A7B36-32001	00	Rubber mat 橡胶垫	1	
08	A7X36-32021	01	Pre-buried part 预埋件	2	
09	B0430-16100	00	Bolt 螺栓M16X1.5X100	2	GB5785-86
10	A65N6-32021	00	Auxiliary counterweight 1.8t副配重 II	1	
-	A65N6-32011	00	Auxiliary counterweight 2.0t副配重 I	1	
11	B0230-16080	00	Bolt 螺栓M16X80	1	GB5782-86
12	B5050-00016	00	Washer,lock 垫圈16	2	GB93-87
13	B5210-00016	00	Washer 垫圈16	2	GB96-85

CPD18SQ,20SQ,-GB2Li

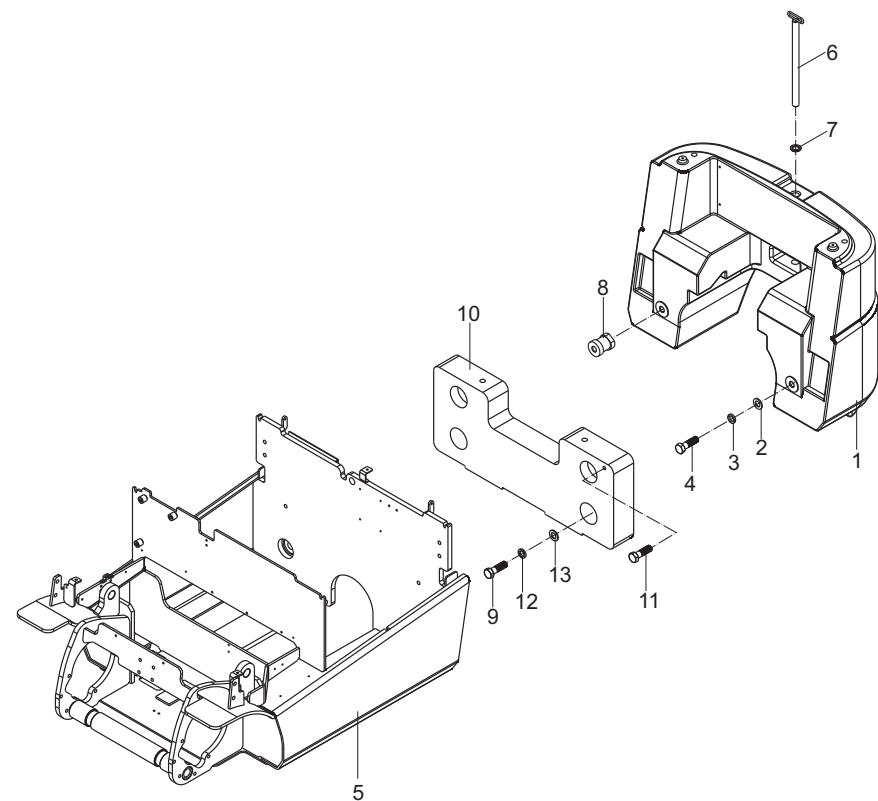
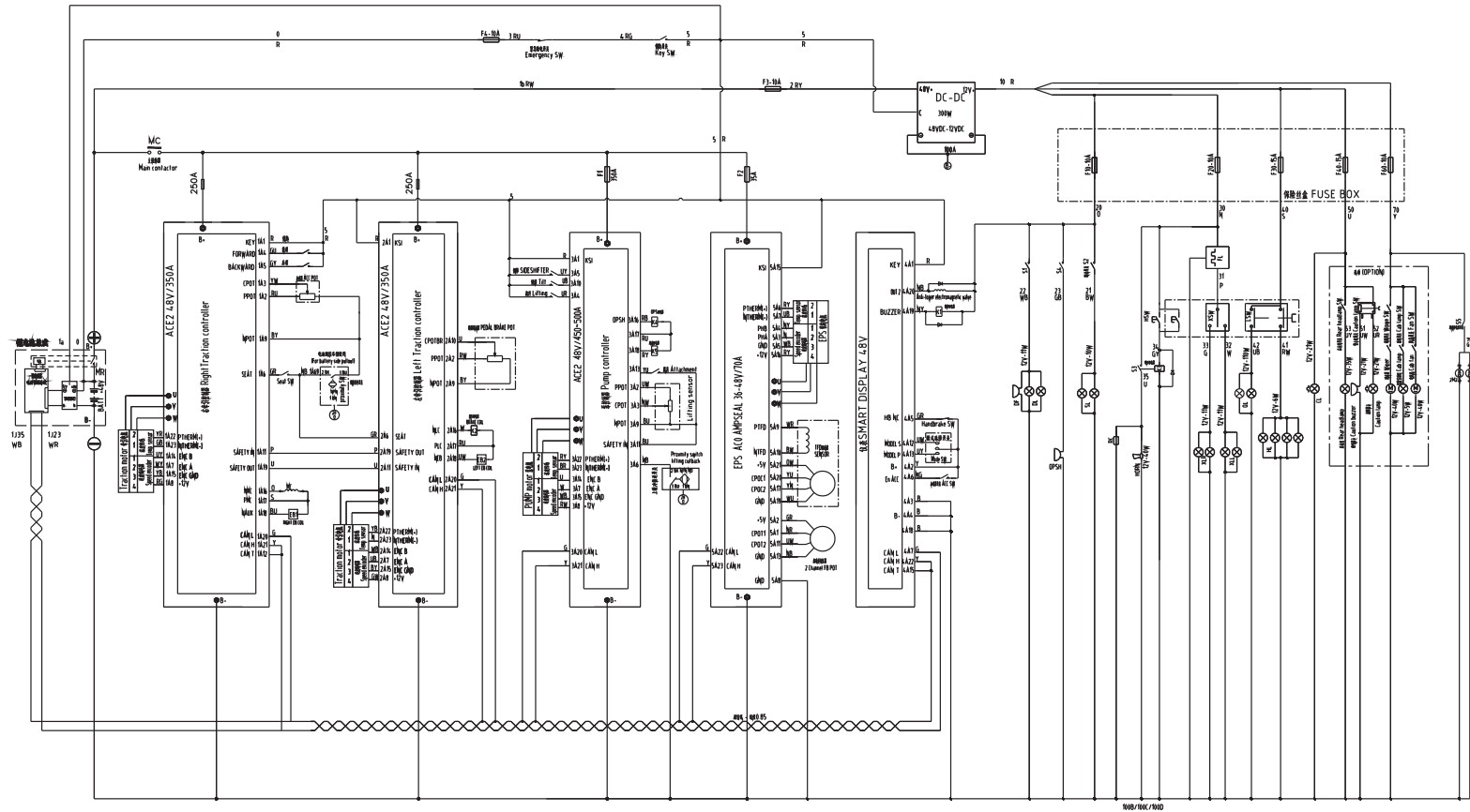


图7/FIG. 7

电气原理图/PRINCIPLE DIAGRAM

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li



HL	示宽灯 Width lamp	QL	前大灯 Headlamp	RC	喇叭滤波器 Horn filter	SSW	刹车灯开关 Braking SW.
SL	刹车灯 Brake lamp	CL	警示灯 Caution lamp	FL	闪光灯 Flasher	LSW	二档灯开关 Lamp SW.
XLL	左转向灯 Turning lamp (Left)	DL	倒车灯 Reverse lamp	HORN	喇叭	XSW	转向灯开关 Turning lamp SW.
XLR	右转向灯 Turning lamp (Right)	DF	倒车蜂鸣器 Reverse buzzer	HSW	喇叭按钮 Horn SW.	OPSH	警示蜂鸣器 Warning buzzer
K1,S1	倒车继电器 Reverse relay	K2,S2	制动继电器 Brake relay	K3,S3	喇叭继电器 Horn relay	K4,S4	OPS继电器 OPS relay

图14/FIG. 14

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	A7N74-10001	00	Steering system 转向系统	1	
01	A7N74-10201	01	Steering column 转向管柱总成	1	
02	B4123-00008	00	Nut 螺母M8	3	GB6170-86
03	B0330-08030	00	Bolt 螺栓M8x30	3	GB5783-86
04	B5310-00008	00	Washer 垫圈8	3	GB97.1-85
05	B5050-00008	00	Washer,lock 垫圈8	3	GB93-87
06	A7G54-13031	00	Cabinet 方向盘总成	1	
-	A7G54-10301B	00	Cabinet 方向盘总成	1	
07	A7N74-12011	00	Spring 拉伸弹簧	2	
08	B1210-04012	00	Screw 螺钉M4x12	4	GB818-85
09	A7N74-10301	00	Lock knob ass'y 锁紧手柄总成 (包含14-17)	1	
10	A7N74-12021	00	Sleeve 套管	1	
11	A7N74-12031	00	Lock nut 锁紧螺母	1	
12	G27Z4-12011	01	Washer 垫圈	2	
13	G27Z4-12001	01	Bolt 螺栓	2	
14	G27Z4-12031A	02	Knob 手柄	1	
15	A7N74-12301	00	Lock bolt 锁紧螺栓	1	
16	G27Z4-12031D	00	Spring 螺旋弹簧	1	
17	G27Z4-12031C	00	Nut 螺母	1	

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

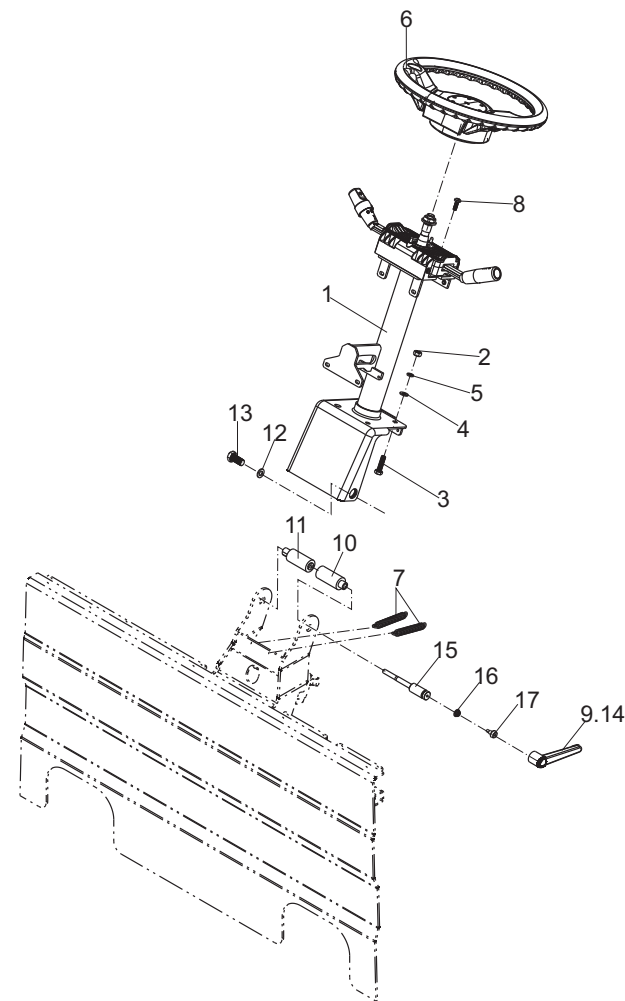


图15/FIG. 15

转向管柱总成/STEERING COLUMN 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	A7N74-10201	01	Steering column ass'y 转向管柱总成	1	
01	A7N74-10211	01	Column bracket 管柱支架总成	1	
02	A7N74-12001	00	Main shaft 主轴	1	
03	B5310-00014	00	Washer 垫圈14	1	GB97.1-85
04	B6050-00037	00	Snap ring 挡圈37	1	GB893.1-86
05	Z-61904-Z	00	Bushing 轴承61904-Z	1	GB/T 276-94
06	A7N74-12031	00	Turnbuckle 联接套管	1	
07	A7G54-12231	00	Snap ring 挡圈19	1	
08	B4430-00014	00	Nut 螺母M14x1.5	1	GB6173-86

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

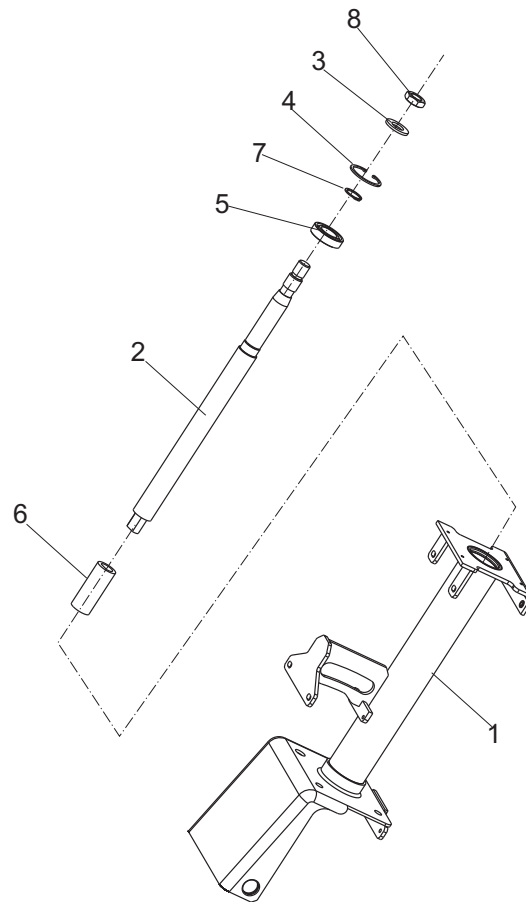


图20/FIG. 20

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	A65P6-40001	00	Hood	1	1.5t,1.6t
-	A67N6-40001	00	Hood	1	1.8t,2.0t
01	A6F96-40021	00	Cover ass'y	1	1.5t,1.6t
-	A7N76-40021	00	Cover ass'y	1	1.8t,2.0t
02	A65P6-40211	01	Cap ass'y R.H.	1	1.5t,1.6t
-	A67N6-40211	01	Cap ass'y R.H.	1	1.8t,2.0t
03	A65P6-40201	01	Cap ass'y L.H.	1	1.5t,1.6t
-	A67N6-40201	01	Cap ass'y L.H.	1	1.8t,2.0t
04	A67X6-42051	01	Hood ass'y	1	
05	A7B36-42321	00	Cover R.H.	1	
06	B5210-00006	00	Cover L.H.	2	
07	A7N76-40071	00	Pedal for getting on and off	1	上车踏板总成
08	A7B36-42101	01	Cover	1	多路阀罩壳
09	A7B36-40051	02	Guard shield ass'y R.H.	1	护罩总成(右)
10	23456-42181G	01	Rubber	2	缓冲胶垫
11	A7B36-42191	00	Rubber boot	4	橡胶套
12	A7B36-42201	00	Sealing strip	1	密封条 I
13	A7B36-42211	00	Sealing strip	1	密封条 II
14	A7G56-49561	00	Cushion	2	隔音垫
15	A7B36-42221	00	Gasket	2	密封垫
16	A7B36-42231	00	Shock pad	2	减震垫
17	B1210-06016	00	Screw	7	螺钉M6X16
18	B5050-00006	00	Washer,lock	7	垫圈6
19	B5310-00006	00	Washer	5	垫圈6
20	A22A6-42511	01	Screw	2	螺钉
21	B1210-05012	00	Screw	5	螺钉M5X12
22	B5310-00005	00	Washer	5	垫圈5
23	B5050-00005	00	Washer,lock	3	垫圈5
24	A61Q6-80001	00	Seat	1	天成半悬浮座椅
-	A61Q6-80031	D00	Seat	1	天成半悬浮座椅 (带文件袋,安全带等)

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

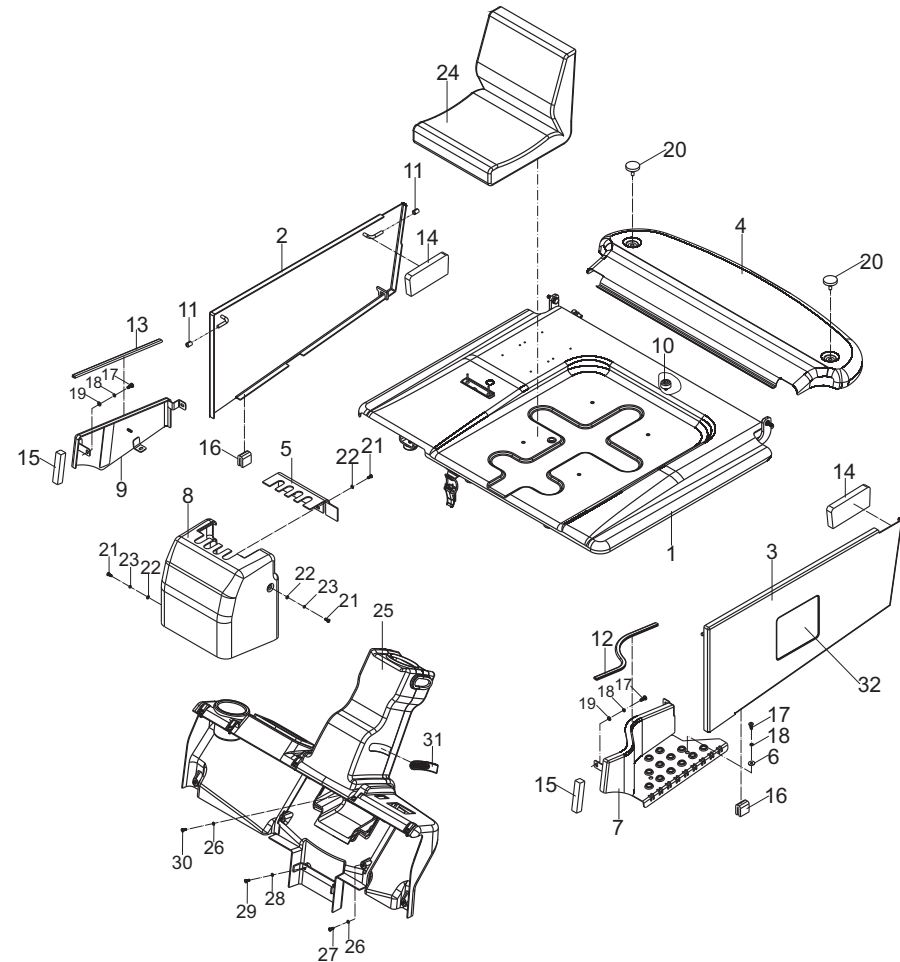


图20/FIG. 20

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
24	H24C6-80161	D00	Seat 天成全悬浮	1	
-	A61Q6-81031	D00	Seat 格拉默半悬浮 (带文件袋, 安全带等)	1	
-	A61Q6-81041	D00	Seat 格拉默半悬浮	1	
-	G27Z6-80011	D01	Seat 高邮全悬浮	1	
25	A7N76-40061	00	Combined meter plate 仪表台总成	1	
26	B5310-00006	00	Washer 垫圈6	9	GB97.1-85
27	B1210-06012	00	Screw 螺钉M6x12	2	GB818-85
28	B5310-00005	00	Washer 垫圈5	14	GB97.1-85
29	B8030-05012	00	Screw 螺钉M5x12	14	GB818-85
30	B8030-06016	00	Screw 螺钉M6x16	7	GB818-85
31	H2MD6-43521	00	Adjuster handle hood 调节手柄护罩	1	
32	AE796-42071	01	Cover 充电孔门总成附件	2	

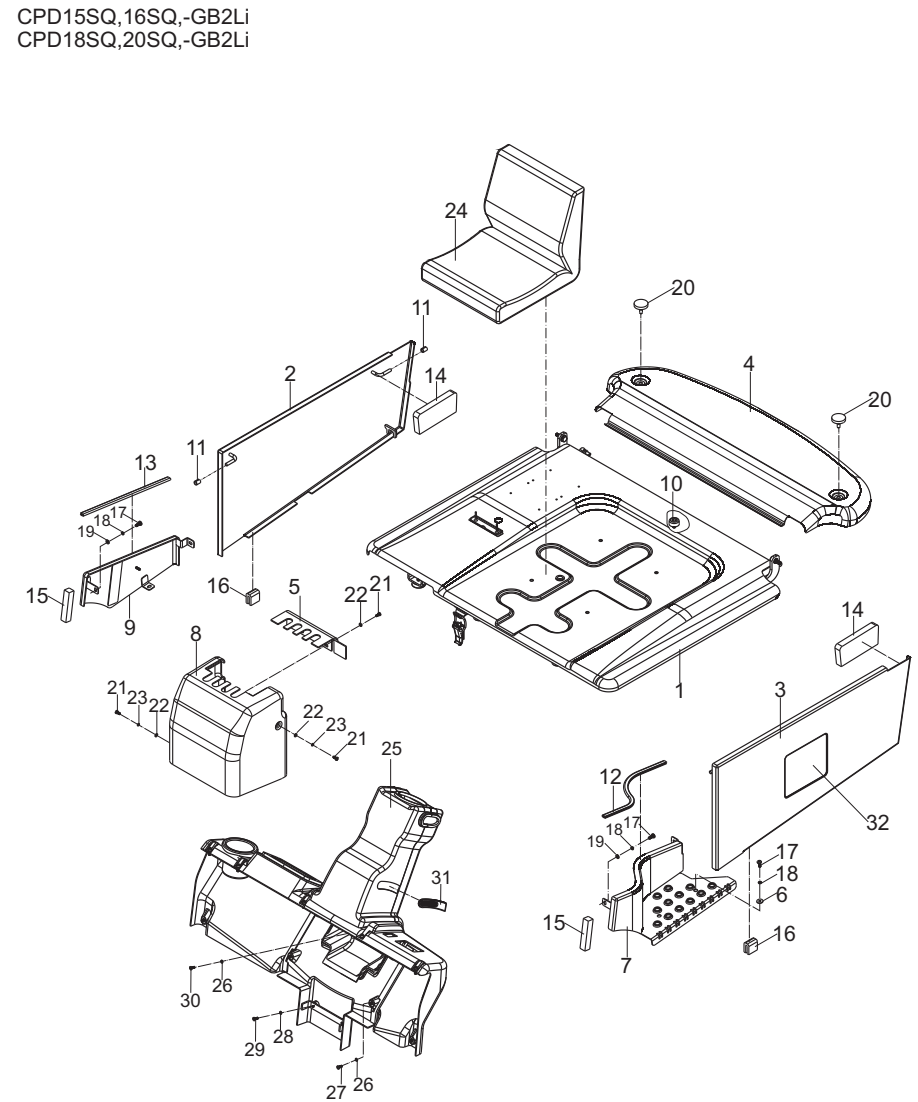


图21/FIG. 21

蓄电池箱盖总成/BATTERY CAP 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	A6F96-40021	00	Battery cap ass'y 蓄电池箱盖总成	1	1.5t,1.6t
-	A7N76-40021	00	Battery cap ass'y 蓄电池箱盖总成	1	1.8t,2.0t
01	A6F96-40201	00	Battery cap 蓄电池箱盖	1	1.5t,1.6t
-	A7N76-40201	00	Battery cap 蓄电池箱盖	1	1.8t,2.0t
02	25786-40651	D00	Catch 弹簧卡	1	
03	A65E6-42181	02	Rubber 橡胶垫	2	
04	A79S6-40151	01	Clip 资料夹	1	
05	A6V76-42301	00	Bushing Hs311轴承	2	
06	A6S56-42191	00	Bolt 螺栓	2	GB97.1-85
07	BA380-05013	00	Rivet 拉铆钉5X13	2	GB12618-10
08	A65E5-10311	01	Rubber ring 出线胶圈	1	
09	G27Z6-40251	00	Shock,absorber L.H. 气弹簧(左)	1	
10	G27Z6-40381	02	Shock,absorber R.H. 气弹簧(右)	1	
11	A7B36-40061	00	Cushion washer 缓冲胶垫	1	
12	A7G56-42011	00	Plate 垫板	2	

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

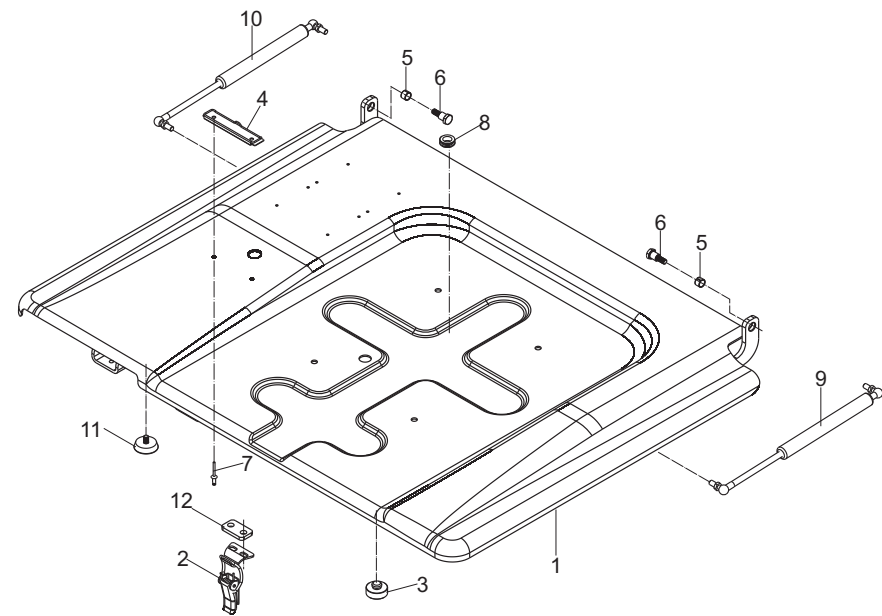


图22/FIG. 22

底板类/FLOOR BOARD ASS'Y

序号 Item No	图号 Part No	版本 Edition	零件名称 Description	件数 Q'ty	备注 Remark
A	A67N6-50001	00	Floor board ass'y 底板类	1	
01	A7B36-50101	03	Floor board,front 前底板总成	1	
02	A7B36-50201	02	Floor board 平底板总成	1	
03	22496-51001G	01	Screw 螺钉	2	
04	B5310-00016	00	Washer 垫圈16	12	GB97.1-85
05	Z2133-03025	00	Bushing 钢背轴承3025	2	Q/AC40001-2002
06	A7B36-53021	01	Bracket 支板	1	
07	A7B36-53031	03	Mat 底板垫	1	
08	A73J6-53053	01	Rubber mat 橡胶垫	8	
09	B5050-00010	00	Washer,lock 垫圈10	5	GB93-87
10	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
11	B5310-00008	00	Washer 垫圈8	2	GB97.1-85
12	B0330-08016	00	Bolt 螺栓M8X16	2	GB5783-86
13	B0430-10055	00	Bolt 螺栓M10X1.25X55	4	GB5785-86
14	B5210-00010	00	Washer 垫圈10	4	GB96-85
15	A67X6-52001	01	Collar 套管	4	

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

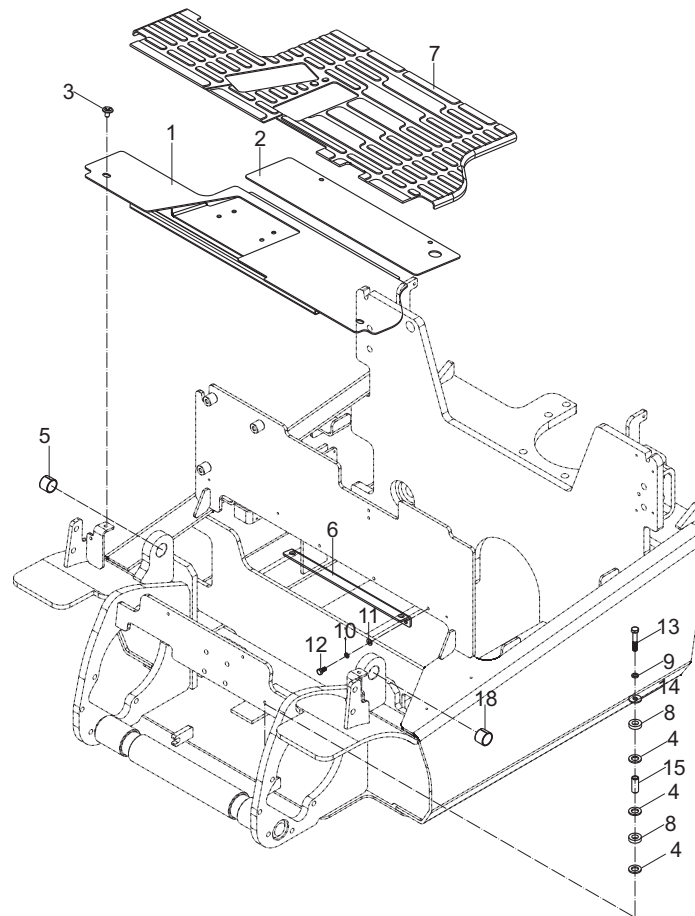


图23/FIG. 23

液压油箱附件总成/OIL TANK COVER

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	G7B37-60211	00	Oil tank cover 液压油箱附件总成	1	
01	G7B37-60301	02	Oil tank 液压油箱	1	
02	G7B37-60421	00	Oil tank cover ass'y 油箱盖总成	1	
03	K0U07-60221S	02	Cap,oil ass'y(Inc.11-20) 加油盖总成	1	
04	G7B37-62101	01	Washer 油箱盖板垫	1	
05	H24C7-50201	02	Oil return filter 回油过滤器	1	
06	23457-52221	01	Filter oil 滤油芯	1	
07	B5210-00008	00	Washer 垫圈8	1	GB96-85
08	B4123-00008	00	Nut 螺母M8	2	GB6170-86
09	Z6701-00827	00	Washer 组合垫圈8	8	GB982-77
10	B0330-08020	00	Bolt 螺栓M8X20	8	GB5783-86
11	K0U07-62041S	01	Rod,lever 油标尺	1	
12	B3010-02016	00	Pin 销2X16	3	GB91-86
13	AE937-60721	01	Cap 挡油盖	2	
14	AE937-60731A	00	Cap,oil ass'y 加油盖总成	1	
15	23657-53051G	02	Cap,oil 加油盖	1	
16	23657-50050A	00	Core 盖芯(白色)	1	
17	23452-20050G	00	Snap ring 弹簧卡圈	1	
18	23657-50060A	00	Air filter 空气滤芯	1	
19	23657-53061A	00	Rubber mat 橡胶垫	1	
20	23657-53071A	00	Filter 铜基滤芯	1	
21	G0176-10011	00	Magnet 磁铁 φ 68/ φ 37X4	2	

CPD15SQ,16SQ,-GB2Li
CPD18SQ,20SQ,-GB2Li

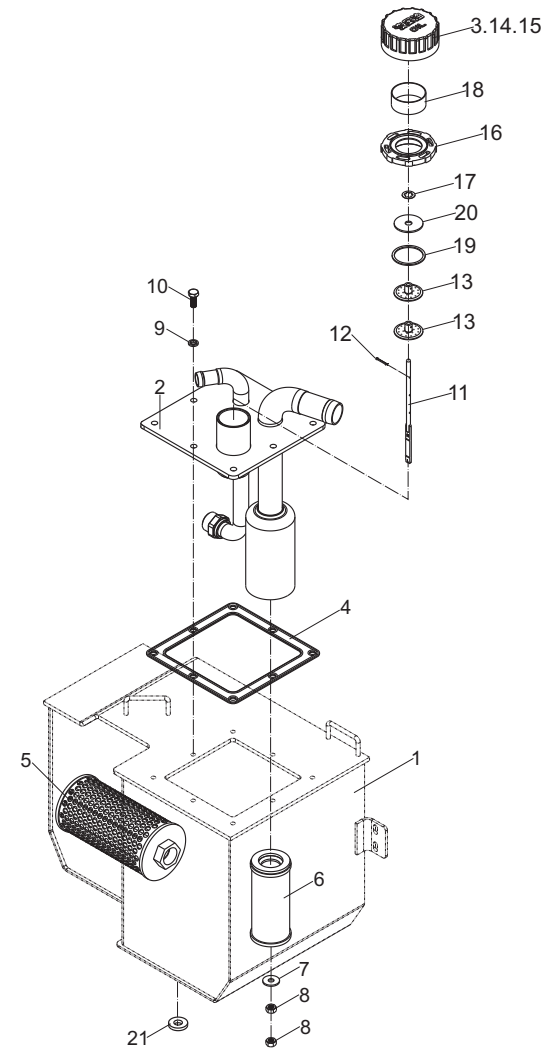


图24/FIG. 24

操纵杆总成(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	HRG7B37401 G7B37-40021	01	Valve control linkage 多路阀操纵总成	1	
01	G7B37-40201	02	Bracket 多路阀安装支架	1	
02	A77B7-40601	00	Shaft ass'y 轴总成	1	
03	HRG7B37402 G7B37-40301	02	Level,tilt(Inc.20) 第一操纵手柄	1	
04	HRG7B37402 G7B37-40311	02	Lever,lift(Inc.20) 第二操纵手柄	1	
05	G67Z7-42081	00	Poll rod 拉杆	2	
06	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	1	
07	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
08	Q60H7-42151	D01	Sleeve 护套	2	
09	B5050-00010	00	Washer,lock 垫圈	6	GB93-87
10	B5310-00010	00	Washer 垫圈	6	GB97.1-85
11	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
12	B3010-02012	00	Pin 销2X12	4	GB91-86
13	22717-40061	00	Pin 销钉	2	
14	B0530-10025	00	Bolt 螺栓M10X1.25X25	3	GB5786-86
15	B4023-00012	00	Nut 螺母M12	2	GB6184-86
16	23657-42131	00	Spacer 调节套	2	
17	A7S37-42171	00	Pin 销钉	2	
18	B5050-00006	00	Washer,lock 垫圈	6	GB93-87
19	B0330-06016	00	Bolt 螺栓M6X16	1	GB5783-86
20	23457-42101	00	Spacer 衬套	2	

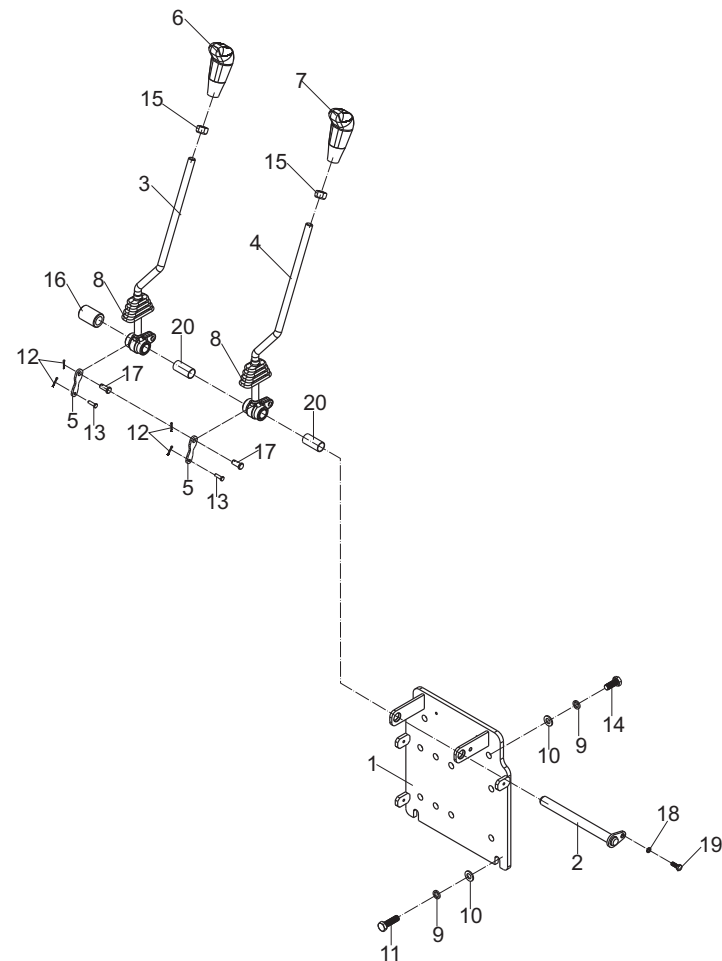
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图25/FIG. 25

操纵杆总成(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	HRG7B37401 G7B37-40031	01	Valve control linkage 多路阀操纵总成	1	
01	G7B37-40201	02	Bracket 多路阀安装支架	1	
02	A77B7-40601	00	Shaft ass'y 轴总成	1	
03	HRG7B37402 G7B37-40301	02	Level,tilt(Inc.27) 第一操纵手柄	1	
04	HRG7B37402 G7B37-40311	02	Lever,lift(Inc.27) 第二操纵手柄	1	
05	G67Z7-42081	00	Poll rod 拉杆	3	
06	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	1	
07	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
08	Q60H7-42151	D01	Sleeve 护套	3	
09	B5050-00010	00	Washer,lock 垫圈	6	GB93-87
10	B5310-00010	00	Washer 垫圈	6	GB97.1-85
11	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
12	B3010-02012	00	Pin 销2X12	7	GB91-86
13	22717-40061	00	Pin 销钉	3	
14	B0530-10025	00	Bolt 螺栓M10X1.25X25	3	GB5786-86
15	B4023-00012	00	Nut 螺母M12	3	GB6184-86
16	23657-42131	00	Spacer 调节套	1	
17	A7S37-42171	00	Pin 销钉	4	
18	B5050-00006	00	Washer,lock 垫圈	6	GB93-87
19	B0330-06016	00	Bolt 螺栓M6X16	1	GB5783-86
20	23457-42101	00	Spacer 衬套	3	
21	HRG7B37402 G7B37-40321	00	Level,tilt(Inc.20) 第三操纵手柄	1	
22	HRG27Z7421 G27Z7-19611	00	Knob,side-shift 侧移手柄	1	

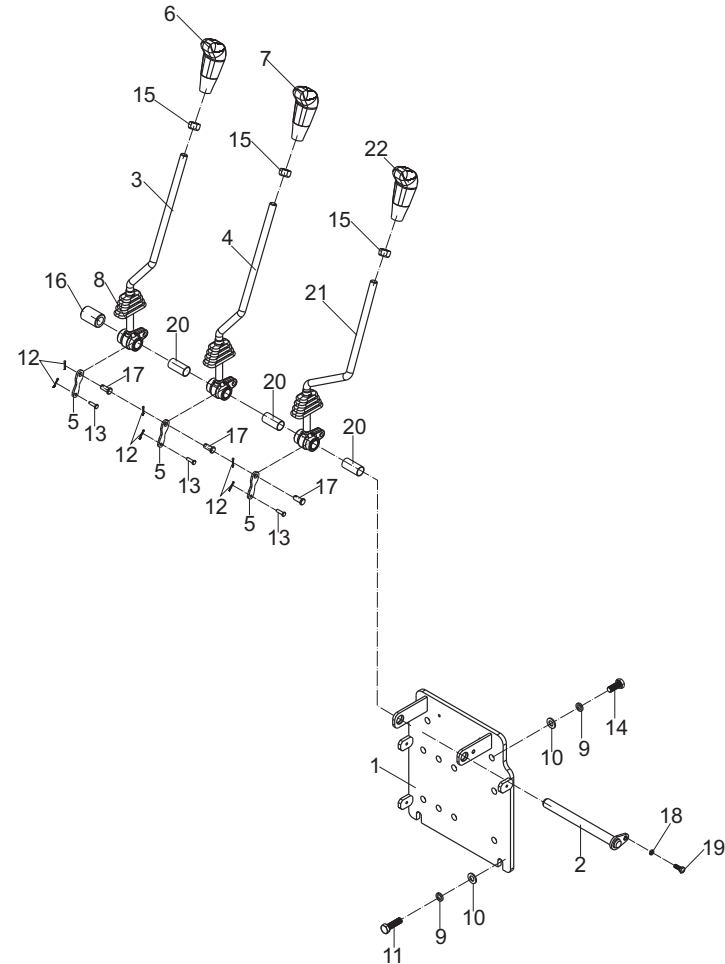
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图26/FIG. 26

操纵杆总成(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	HRG7B37401 G7B37-40041	01	Valve control linkage 多路阀操纵总成	1	
01	G7B37-40201	02	Bracket 多路阀安装支架	1	
02	A77B7-40601	00	Shaft ass'y 轴总成	1	
03	HRG7B37402 G7B37-40301	02	Level,tilt(Inc.27) 第一操纵手柄	1	
04	HRG7B37402 G7B37-40311	02	Lever,lift(Inc.27) 第二操纵手柄	1	
05	G67Z7-42081	00	Poll rod 拉杆	4	
06	HRG27Z7421 G27Z7-42001	00	Knob,lift 升降手柄	1	
07	HRG27Z7421 G27Z7-42011	00	Knob,tilt 倾斜手柄	1	
08	Q60H7-42151	D01	Sleeve 护套	4	
09	B5050-00010	00	Washer,lock 垫圈	6	GB93-87
10	B5310-00010	00	Washer 垫圈	6	GB97.1-85
11	B0330-10035	00	Bolt 螺栓M10X35	3	GB5783-86
12	B3010-02012	00	Pin 销2X12	8	GB91-86
13	22717-40061	00	Pin 销钉	4	
14	B0530-10025	00	Bolt 螺栓M10X1.25X25	3	GB5786-86
15	B4023-00012	00	Nut 螺母M12	4	GB6184-86
16	HRG27Z7421 G27Z7-19601	00	Knob,reach 前移手柄	1	
17	A7S37-42171	00	Pin 销钉	4	
18	B5050-00006	00	Washer,lock 垫圈	6	GB93-87
19	B0330-06016	00	Bolt 螺栓M6X16	1	GB5783-86
20	23457-42101	00	Spacer 衬套	4	
21	HRG7B37402 G7B37-40321	00	Level(Inc.20) 第三操纵手柄	1	
22	HRG27Z7421 G27Z7-19611	00	Knob,side-shift 侧移手柄	1	
23	HRG7B37402 G7B37-40321	00	Level(Inc.20) 第四操纵手柄	1	

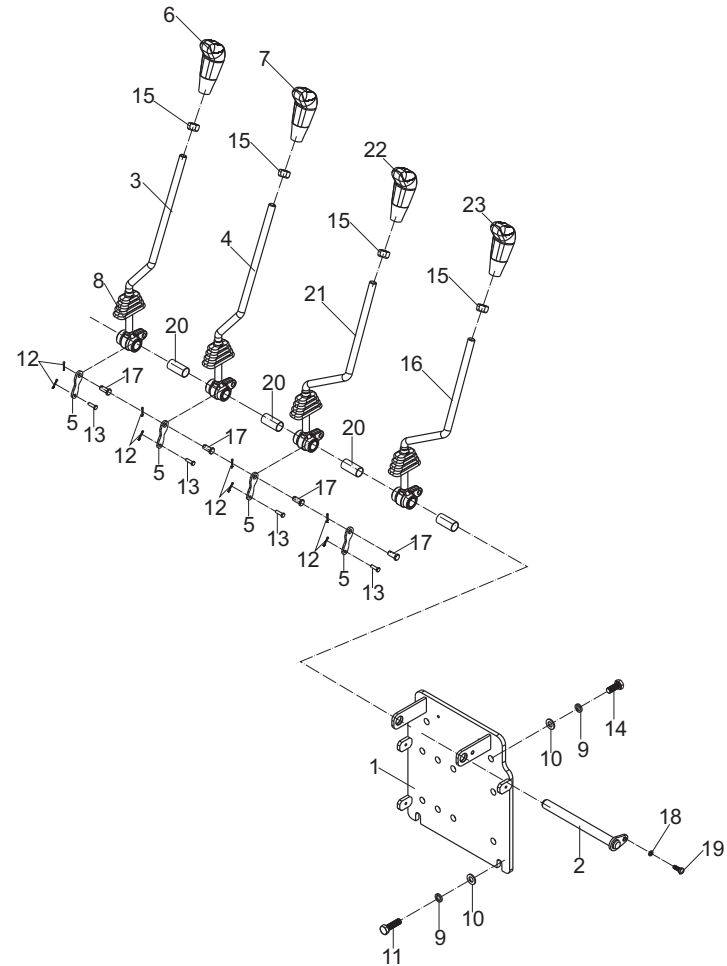
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图27/FIG. 27

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	A7B37-60001-1	D05	Hydraulic system 液压管路系统	1	公制(Metric)
01	G7B37-60721	01	Lift steel tube assy 起升钢管总成	1	非OPS公制
-	G7B37-60731	00	Lift steel tube assy 起升钢管总成	1	OPS公制
02	G7B37-60821	00	Tilt steel tube assy 倾斜钢管总成	1	
03	G7B37-62341	00	Hose 多路阀回油管	1	
04	Z4592-20032	00	Clip 德式喉箍20-32	2	
05	HRA7B37301	D01	Control valve(Inc.28-36) 多路阀总成	1	非OPS
-	HRA7B37311	D02	Control valve(Inc.28-36) 多路阀总成	1	OPS
06	G7B37-62271	02	Hose 泵吸油管	1	
07	Z4592-30045	00	Hose 德式喉箍30-45	2	
08	JT7022-10031B	00	Elbow(Inc.39) 直角接头(包括39)	1	
09	B8030-08020	00	Screw 螺钉M8X20	1	GB70-85
10	B5050-00008	00	Washer,lock 垫圈8	3	GB93-87
11	G7B37-10201	01	Gear pump 齿轮油泵(18R)	1	1.8-2t
-	A61K7-10151	00	Gear pump 齿轮油泵(15R)	1	1.5-1.6t
12	B0530-10030	00	Bolt 螺栓M10X1.25X30	2	GB5786-86
13	B5050-00010	00	Washer,lock 垫圈10	2	GB93-87
14	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
15	HRG7B37601 G7B37-63011	02	Nipple 直通接头	1	
16	Z6005-01982	00	O-ring 0型密封圈19.8x2.4	1	JIS B2401
17	Z6006-01982	00	O-ring 0型密封圈19.8x2.4	1	JIS B2401
18	G7B37-60901	01	Hose 泵出油管总成	1	非OPS公制
-	G7B37-60911	00	Hose 泵出油管总成	1	OPS公制
19	Z9701-8A08614L07	D00	Hose H.P. 高压胶管8 x860	1	
20	Z9701-8A07214L07	D00	Hose H.P. 高压胶管8 x720	1	
21	D03XK0195	D00	Clip 线束固定卡	1	
22	B0330-06012	00	Bolt 螺栓M6X12	1	GB5783-86
23	B0330-08012	00	Bolt 螺栓M8X12	1	GB5783-86
24	Z9701-8A03214L07	D00	Hose H.P. 高压胶管8 x320	1	
25	Z9701-8A04614L07	D00	Hose H.P. 高压胶管8 x460	1	

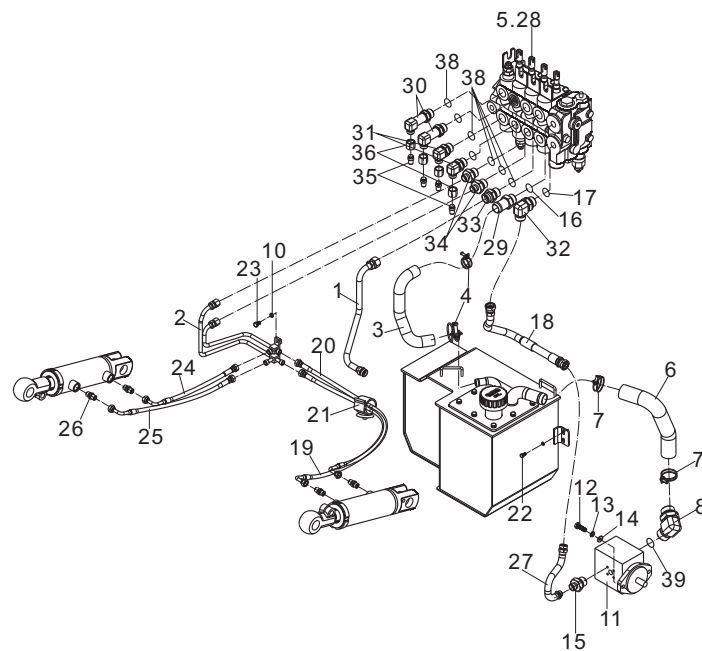
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图27/FIG. 27

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	HRG7B37601 G7B37-63001	02	Nipple 直通接头	4	
27	G7B37-61001	01	Steel pipe ass'y 泵出油钢管总成	1	
28	HRA7G57301	D00	Control valve 1.6t多路阀	1	非OPS
-	HRHP617301	D01	Control valve 1.5t, 1.8-2t多路阀	1	非OPS
-	HRA61K7331	D00	Control valve 1.5-2t多路阀	1	OPS
29	JT6021-22451	00	Nipple(Inc.40) 直通接头(包括16)	1	
30	JT6022-20191	00	Elbow(Inc.38) 直角接头(包括38)	1	三片阀 Three-throw
				2	四片阀 Four-throw
31	JT6022-20181	00	Elbow(Inc.38) 直角接头(包括38)	1	三片阀 Three-throw
				2	四片阀 Four-throw
32	JT6022-22351	00	Elbow(Inc.41) 直角接头(包括17)	1	
33	JT6021-22191	00	Nipple(Inc.38) 直通接头(包括38)	1	
34	JT6021-20151	00	Nipple(Inc.38) 直通接头(包括38)	2	
35	G7B37-62141	00	Plug 24° 锥M18堵头	2	
36	G7B37-62261	00	Nut M16螺母	2	
37	Z6005-01782	00	O-ring 0型密封圈17.8X2.4	1	JIS B2401
38	Z6006-01782	00	O-ring 0型密封圈17.8X2.4	6	JIS B2401 二片阀 Two-throw
				8	三片阀 Three-throw
				10	四片阀 Four-throw
39	Z6005-02873	00	O-ring 0型密封圈28.7X3.5	1	JIS B2401

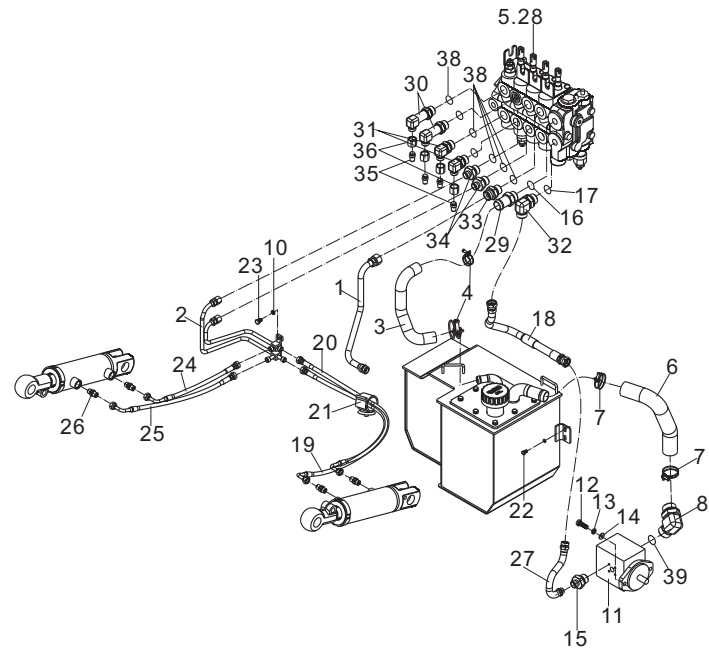
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图28/FIG. 28

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	A7B37-60001-2	D05	Hydraulic system 液压管路系统	1	美制(SAE)
01	E7B37-60721	00	Lift steel tube assy 起升钢管总成	1	非OPS美制
-	E7B37-60731	00	Lift steel tube assy 起升钢管总成	1	OPS美制
02	E7B37-60821	00	Tilt steel tube assy 倾斜钢管总成	1	
03	G7B37-62341	00	Hose 多路阀回油管	1	
04	Z4592-20032	00	Clip 德式喉箍20-32	2	
05	HRA7B37301	01	Control valve(Inc.28-36) 多路阀总成	1	非OPS
-	HRA7B37311	D02	Control valve(Inc.28-36) 多路阀总成	1	OPS
06	G7B37-62271	02	Hose 泵吸油管	1	
07	Z4592-30045	00	Hose 德式喉箍20-32	2	
08	JT7022-10031B	00	Elbow(Inc.39) 直角接头(包括39)	1	
09	B8030-08020	00	Screw 螺钉M8X20	2	GB70-85
10	B5050-00008	00	Washer,lock 垫圈8	3	GB93-87
11	G7B37-10201	01	Gear pump 齿轮油泵(18R)	1	1.8-2t
-	G7B37-10211	00	Gear pump 齿轮油泵(15R)	1	1.5t
12	B0530-10030	00	Bolt 螺栓M10X1.25X30	2	GB5786-86
13	B5050-00010	00	Washer,lock 垫圈10	2	GB93-87
14	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
15	HRG7B37601 G7B37-63011	02	Nipple 直通接头	1	
16	Z6005-01982	00	O-ring 0型密封圈19.8X2.4	1	JIS B2401J
17	Z6006-01982	00	O-ring 0型密封圈19.8X2.4	1	JIS B2401
18	E7B37-60901	00	Hose 泵出油胶管总成	1	非OPS美制
-	E7B37-60911	00	Hose 泵出油胶管总成	1	OPS美制
19	Z7801-8A08614L07	D00	Hose H.P. 高压胶管8 x860	1	
20	Z7801-8A07214L07	D00	Hose H.P. 高压胶管8 x720	1	
21	D03XK0195	D00	Clip 线束固定卡	1	
22	B0330-06012	00	Bolt 螺栓M6X12	1	GB5783-86
23	B0330-08012	00	Bolt 螺栓M8X12	1	GB5783-86
24	Z7801-8A03214L07	D00	Hose H.P. 高压胶管8 x320	1	
25	Z7801-8A04614L07	D00	Hose H.P. 高压胶管8 x460	1	

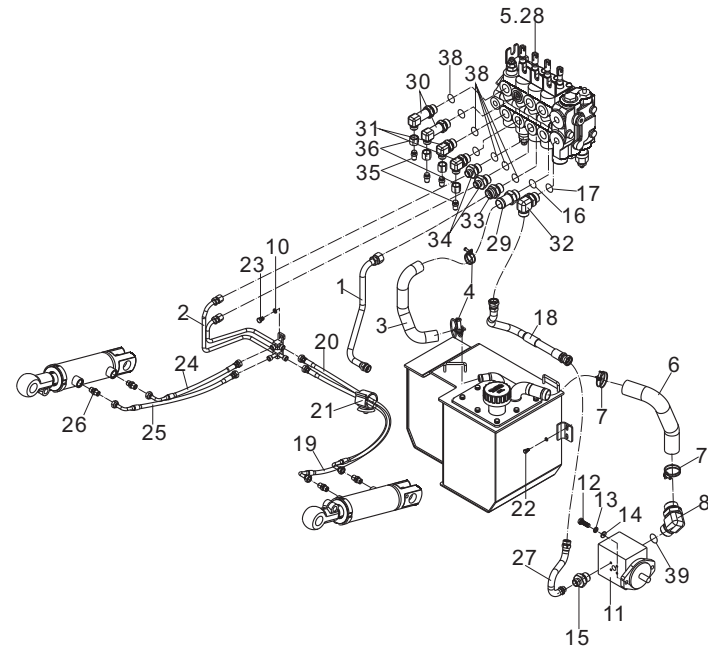
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图28/FIG. 28

液压管路系统(美制)/HYDRAULIC SYSTEM(SAE)

序号 Item No	图号 Part No	版本 Edition	零件名称 Description	件数 Q'ty	备注 Remark
26	JT8021-96201	01	Nipple 直通接头	4	
27	E7B37-61001	00	Steel pipe ass'y 泵出油钢管总成	1	
28	HRA7G57301	D00	Control valve 1.6t多路阀	1	非OPS
-	HRHP617301	D01	Control valve 1.5t, 1.8-2t多路阀	1	非OPS
-	HRA61K7331	D00	Control valve 1.5-2t多路阀	1	OPS
29	JT6021-22451	00	Nipple(Inc.40) 直通接头(包括16)	1	
30	JT8022-96041	02	Elbow(Inc.38) 直角接头(包括38)	1	三片阀 Three-throw
				2	四片阀 Four-throw
31	JT8022-96031	02	Elbow(Inc.38) 直角接头(包括38)	1	三片阀 Three-throw
				2	四片阀 Four-throw
32	JT8022-34181	02	Elbow(Inc.41) 直角接头(包括17)	1	
33	JT6021-22191	00	Nipple(Inc.38) 直通接头(包括38)	1	
34	JT6021-20151	00	Nipple(Inc.38) 直通接头(包括38)	2	
35	E12A7-60251	00	Plug 堵头	2	
36	Z6006-01982	00	O-ring 0型密封圈19.8X2.4	1	
37	Z6005-01782	00	O-ring 0型密封圈17.8X2.4	1	JIS B2401
38	Z6006-01782	00	O-ring 0型密封圈17.8X2.4	6	JIS B2401 二片阀 Two-throw
				8	三片阀 Three-throw
				10	四片阀 Four-throw
39	Z6005-02873	00	O-ring 0型密封圈28.7X3.5	1	JIS B2401

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

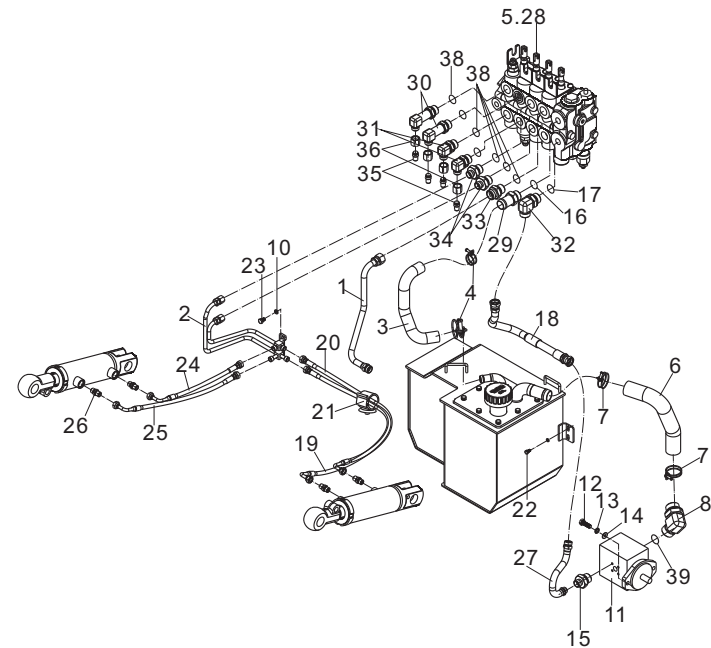


图29/FIG. 29

门架管路系统（基本型）/MAST HYDRAULIC SYSTEM (NORMAL MAST)

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	HRD7B38601	D03	Mast hydraulic system 门架管路系统	1	
01	D7B38-62061	03	Flow regulator case 限速阀壳体	1	
02	DS2S8-62061	01	Nipple(Inc.9) 直通接头	1	
03	SB31C-40	D00	Flow regulator 限速阀	1	
04	Q78B0-60701	02	Nipple(Inc.10) 直通接头	2	
05	D7B38-60101	03	Steel pipe ass'y 钢管总成	1	
06	Z9702-1308922GS	D00	Hose H.P. 盖茨高压胶管	1	
07	Z6006-01982	00	O-ring 0型密封圈19. 8X2. 4	1	JIS B2401
08	Z9702-1303122	D00	Hose H.P. 盖茨高压胶管	1	
09	Z6006-02373	00	O-ring 0型密封圈23. 7X3. 5	1	JIS B2401
10	Z6006-01782	00	O-ring 0型密封圈17. 8X2. 4	2	JIS B2401

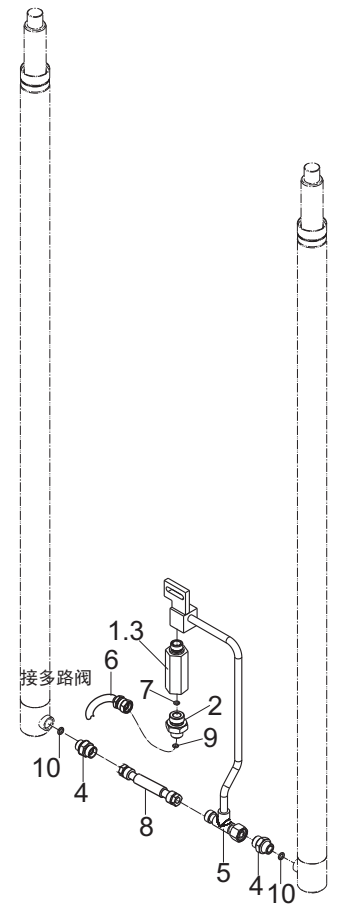


图30/FIG. 30

门架管路系统 (二级全自由) /MAST HYDRAULIC SYSTEM(FULL FREE 2-STAGE MAST)

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	HRDS2K8601	D03	Mast hydraulic system 门架管路系统	1	
01	HRDS2K8602	02	Steel pipe ass'y 钢管总成	1	
02	DH3K8-61021	02	Clip 管夹总成	2	
03	B0330-06012	00	Bolt 螺栓M6X12	2	GB5783-86
04	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
05	Z9702-130382GS	D00	Hose H.P. 盖茨高压胶管	1	
06	D7B38-62071	00	Elbow(Inc.17) 直角接头	1	
07	D7B38-62061	03	Flow regulator case 限速阀壳体	1	
08	SB31C-40	D00	Flow regulator 限速阀	1	
09	Z6006-01982	00	O-ring 0型密封圈19. 8X2. 4	1	JIS B2401
10	Q78B0-60701	02	Nipple(Inc.18) 直通接头	2	
11	Z9702-1303122	D00	Hose H.P. 盖茨高压胶管	1	
12	D7B38-60101	03	Steel pipe ass'y 钢管总成	1	
13	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
14	B0330-08016	00	Bolt 螺栓M8X16	2	GB5783-86
15	Z9702-130892GS	D00	Hose H.P. 盖茨高压胶管	1	
16	DS2S8-62061	01	Nipple(Inc.17) 直通接头	1	
17	Z6006-02373	00	O-ring 0型密封圈23. 7X3. 5	2	JIS B2401
18	Z6006-01782	00	O-ring 0型密封圈17. 8X2. 4	2	JIS B2401

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

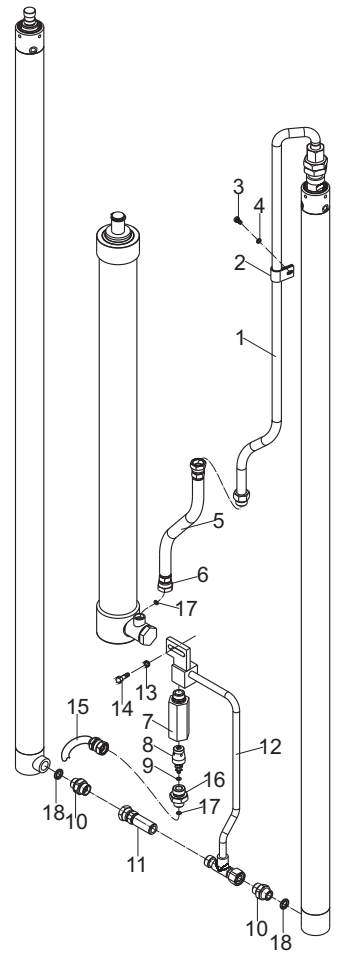


图30/FIG. 30

门架管路系统(二级全自由)/HYDRAULIC SYSTEM MAST(FULL FREE 2-STAGE MAST)

管路系统选用件(公制) MAST PIPING OPTIONAL PARTS(METRIC)

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	件1钢管总成 STEEL PIPE ASS'Y	备注 REMARK
	图 号 PART NO	
ZM200	DS2K8-60101	
250	-60111	
300	-60121	标准 STD
330	-60131	
350	-60141	
370	-60151	
400	-60161	

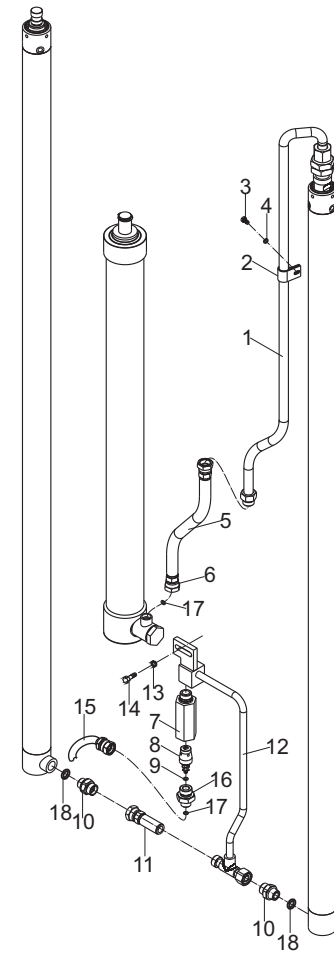


图31/FIG. 31

门架管路系统 (三级全自由) /MAST HYDRAULIC SYSTEM(FULL FREE 3-STAGE MAST)

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	HRDS2S8601	D04	Mast hydraulic system 门架管路系统	1	
01	D7B38-62061	03	Flow regulator case 限速阀壳体	1	
02	D7B38-62071	00	Elbow(Inc.22) 直角接头	1	
03	SB31C-40	D00	Flow regulator 限速阀	1	
04	Q78B0-60701	02	Nipple(Inc.23) 直通接头	2	
05	DS2S8-60031	02	Four-way ass'y 四通接头总成	1	
06	Z9702-1308922GS	D00	Hose H.P. 盖茨高压胶管	1	
07	Z6006-01982	00	O-ring 0型密封圈19. 8x2. 4	1	JIS B2401
08	DS2S8-60021	02	Steel pipe ass'y 钢管总成	2	
09	DS2S8-72061	00	Fixing plate 主油管固定板	1	
10	Q78B0-62181	00	Pipe clip 胶管管卡	1	
11	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
12	B5050-00008	00	Washer,lock 垫圈8	8	GB93-87
13	B0330-08016	00	Bolt 螺栓M8x16	8	GB5783-86
14	B0230-06035	00	Bolt 螺栓M6x35	2	GB5782-86
15	H22N0-92521	D01	Shaft 轴	1	
16	D15Y8-62071	01	Slipper 滑块	1	
17	H22N0-88112	D00	Spacer block 垫块	1	
18	Z9702-13XXX22	D00	Hose H.P. 盖茨高压胶管	1	见表 See op.Parts
19	DS2S8-60041	00	Steel pipe ass'y 钢管总成	1	
20	DS2S8-62061	01	Nipple(Inc.22) 直通接头	1	
21	DS2S8-60051	00	Steel pipe bracket 钢管支架总成	1	
22	Z6006-02373	00	O-ring 0型密封圈23. 7X3. 5	2	JIS B2401
23	Z6006-01782	00	O-ring 0型密封圈17. 8X2. 4	2	JIS B2401

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

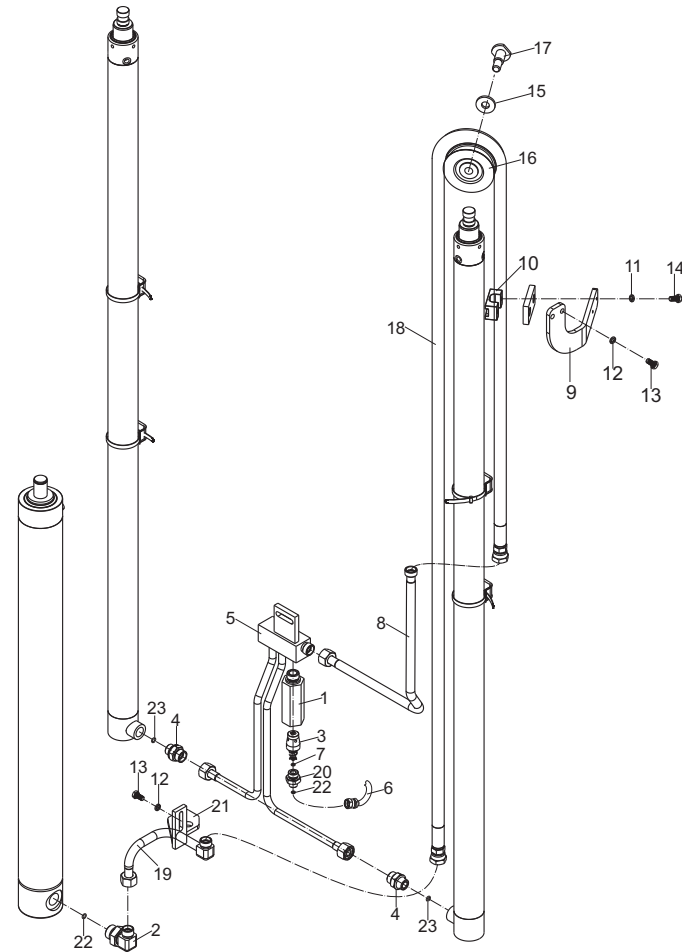
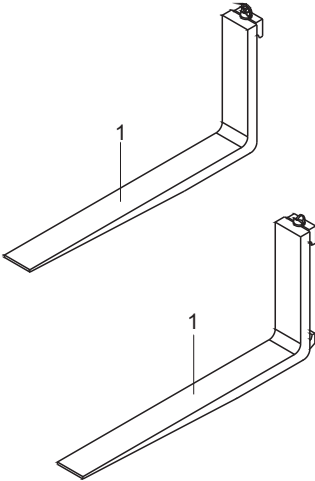


图32/FIG. 32

货叉总成/FORK 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
01	HRD10B8101	01	Fork ass'y 货叉总成	2	1.5-1.8t
-	HRD20B8101	D04	Fork ass'y 货叉总成	2	2t

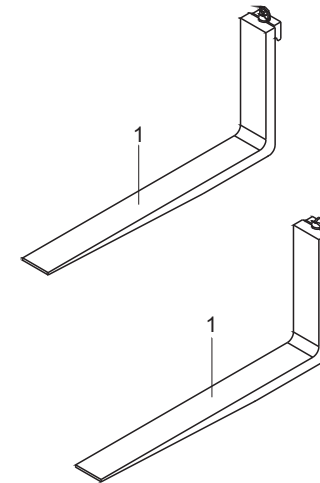
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li



货叉选用件表Fork optional parts

CPD15SQ,16SQ,18SQ-GB2Li

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-1.8t STD
LF85-10F(H)	-10041	850	
LF92-10B	-10031	920	
LF85-10B	-10021	850	
LF77-10B	-10011	770	1.0t STD
LF120-10B	-10191A	1200	
LF110-10B	-10181A	1100	
LF100-10B	-10171A	1000	



货叉选用件表FORK OPTIONAL PARTS

CPD20SQ-GB2Li

型 式 MODEL	长 度 LENGTH	货叉总成代号 PART NO.	备 注 REMARK
LF92-14A	920	D20B8-10001G	2#标准 STD
LF107-14A	1070	-10011G	
LF122-14A	1220	-10021G	
LF137-14A	1370	-10031G	
LF152-14A	1520	-10041G	
LF167-14A	1670	-10051G	
LF182-14A	1820	-10061G	
LF90-14A	900	-10071G	
LF100-14A	1000	-10081G	
LF110-14A	1100	-10091G	
LF120-14A	1200	-10101G	
LF130-14A	1300	-10111G	
LF140-14A	1400	-10121G	
LF150-14A	1500	-10131G	
LF160-14A	1600	-10141G	
LF170-14A	1700	-10151G	
LF180-14A	1800	-10161G	
LF190-14A	1900	-10171G	
LF200-14A	2000	-10181G	

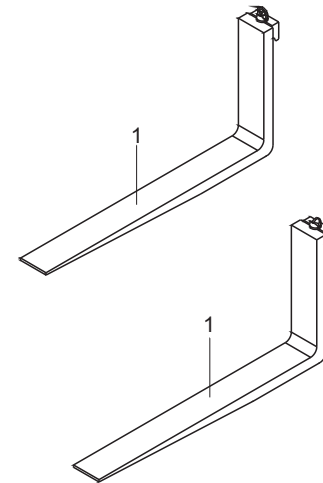


图33/FIG. 33

货叉架(基本型)/LIFT BRACKET (NORMAL)

序号 Item No	图号 Part No	版本 Edition	零件名称 Description	件数 Q'ty	备注 Remark
01	B5050-00014	00	Washer,lock 垫圈14	8	GB93-87
02	B0330-14030	00	Bolt 螺栓M14X30	8	GB5783-86
03	D15X8-20221	02	Backrest 挡货架	1	1.5-1.6t
-	D2H38-20231	02	Backrest 挡货架	1	1.8-2.0t
04	DS2K8-42071	D00	Roller(Inc.13-16) 组合滚轮(包括13-16)	4	
05	D7B38-30911	05	Bracket 货叉架	1	1.5-1.6t
-	D7B38-30921	05	Bracket 货叉架	1	1.8-2.0t
06	D10P8-00401	D02	End roller 主滚轮	2	
07	B6150-00035	00	Snap ring 挡圈35	2	GB894.1-86
08	B0230-08040	00	Bolt 螺栓M8X1X40	4	GB5782-86
09	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
10	D10P8-00501	D00	Roller 侧滚轮	2	
11	HRD10P8005 D10P8-03001	D01	Shim 垫片δ0.2	4组	
-	HRD10P8005 D10P8-03011	D01	Shim 垫片δ0.3	4组	
-	HRD10P8005 D10P8-03021	D01	Shim 垫片δ1.0	4组	
12	HRD10P8003 D10P8-02061	D01	Spacer block 垫块δ7	4	
13	TP033X0.50	D00	Shim 调整垫片	AR	
14	DS2K8-43071	D00	End roller 主滚轮	4	
15	DS2K8-34021	D00	Side roller 侧滚轮	4	
16	B6150-00045	00	Shafting ring 轴用挡圈	4	GB894.1-86

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

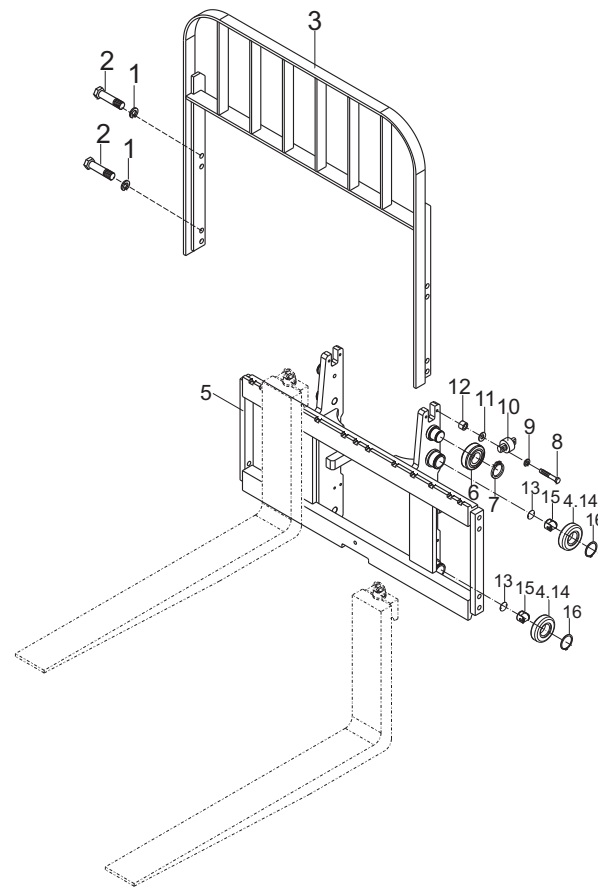


图34/FIG. 34

货叉架(二级全自由)/LIFT BRACKET (FULL FREE 2-STAGE MAST)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	B5050-00014	00	Washer,lock 垫圈14	8	GB93-87
02	B0330-14030	00	Bolt 螺栓M14X30	8	GB5783-86
03	D15X8-20221	02	Backrest 挡货架	1	1.5-1.6t
-	D2H38-20231	02	Backrest 挡货架	1	1.8-2.0t
04	DS2K8-42071	D00	Roller(Inc.13-16) 组合滚轮(包括13-16)	4	
05	DS2K8-20011	03	Bracket 货叉架	1	1.5-1.6t
-	DS2K8-20001	03	Bracket 货叉架	1	1.8-2.0t
06	D10P8-00401	D02	End roller 主滚轮	2	
07	B6150-00035	00	Snap ring 挡圈35	2	GB894.1-86
08	B0230-08040	00	Bolt 螺栓M8X1X40	4	GB5782-86
09	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
10	D10P8-00501	D00	Roller 侧滚轮	2	
11	HRD10P8005 D10P8-03001	D01	Shim 垫片 $\delta 0.2$	4组	
-	HRD10P8005 D10P8-03011	D01	Shim 垫片 $\delta 0.3$	4组	
-	HRD10P8005 D10P8-03021	D01	Shim 垫片 $\delta 1.0$	4组	
12	HRD10P8003 D10P8-02061	D01	Spacer block 垫块 $\delta 7$	4	
13	TP033X0.50	D00	Shim 调整垫片	AR	
14	DS2K8-43071	D00	End roller 主滚轮	4	
15	DS2K8-34021	D00	Side roller 侧滚轮	4	
16	B6150-00045	00	Shafting ring 轴用挡圈	4	GB894.1-86

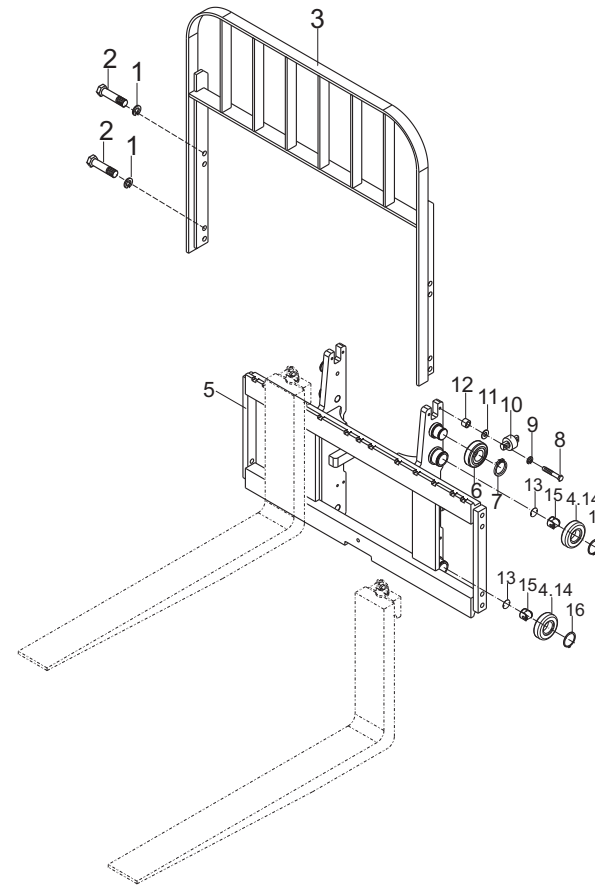
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图35/FIG. 35

货叉架(三级全自由)/LIFT BRACKET (FULL FREE 3-STAGE MAST)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	B5050-00014	00	Washer,lock 垫圈14	8	GB93-87
02	B0330-14030	00	Bolt 螺栓M14X30	8	GB5783-86
03	D15X8-20221	02	Backrest 挡货架	1	1.5-1.6t
-	D2H38-20231	02	Backrest 挡货架	1	1.8-2.0t
04	DS2K8-42071	D00	Roller(Inc.13-16) 组合滚轮(包括13-16)	4	
05	DS2S8-30911	01	Bracket 货叉架	1	1.5-1.6t
-	DS2S8-30921	01	Bracket 货叉架	1	1.8-2.0t
06	D10P8-00401	D02	End roller 主滚轮	2	
07	B6150-00035	00	Snap ring 挡圈35	2	GB894.1-86
08	B0230-08040	00	Bolt 螺栓M8X1X40	4	GB5782-86
09	B5050-00008	00	Washer,lock 垫圈8	4	GB93-87
10	D10P8-00501	D00	Roller 侧滚轮	2	
11	HRD10P8005 D10P8-03001	D01	Shim 垫片 $\delta 0.2$	4组	
-	HRD10P8005 D10P8-03011	D01	Shim 垫片 $\delta 0.3$	4组	
-	HRD10P8005 D10P8-03021	D01	Shim 垫片 $\delta 1.0$	4组	
12	HRD10P8003 D10P8-02061	D01	Spacer block 垫块 $\delta 7$	4	
13	TP033X0.50	D00	Shim 调整垫片	AR	
14	DS2K8-43071	D00	End roller 主滚轮	4	
15	DS2K8-34021	D00	Side roller 侧滚轮	4	
16	B6150-00045	00	Shafting ring 轴用挡圈	4	GB894.1-86

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

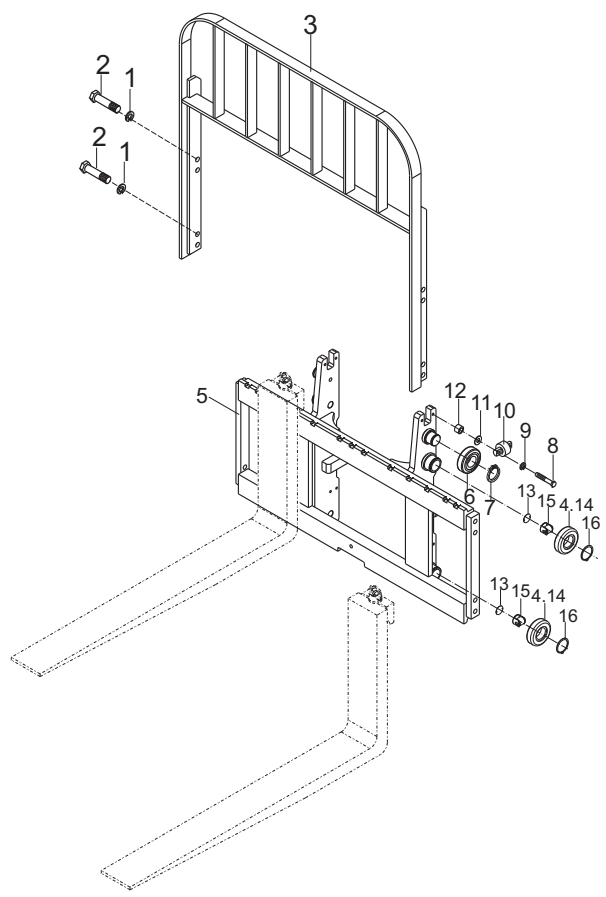


图36/FIG. 36

门架(基本型)/MAST(NORMAL)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	HRD7B38307	05	Inner mast 内门架总成	1	见选用件表 See OP. parts
02	HRD7B38301	06	Outer mast 外门架总成	1	见选用件表 See OP. parts
03	D7G58-30061	02	Pin 倾斜缸销轴	2	
04	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
05	B0530-10020	00	Bolt 螺栓M10X1.25X20	2	GB5786-86
06	DS2K8-42071	D00	Roller(Inc.13-16)组合滚轮(包含13-16)	2	
07	Q701B45	00	Fitting 弯颈式滑脂嘴	2	ZBT33001.2-88
08	D61K8-32271	D03	Bushing 轴衬	2	
09	D61K8-32261	02	Cap 外门架支座盖	2	
10	B0230-14065	00	Bolt 螺栓M14X65	4	GB5782-86
11	B5050-00014	00	Washer,lock 垫圈14	4	GB93-87
12	DS2K8-42051	D00	Roller(Inc.13-15,17)组合滚轮(包含13-15,17)	2	
13	TP033X0.50	D00	Shim 调整垫片	AR	
14	DS2K8-34021	D00	Siae roller 侧滚轮	4	
15	B6150-00045	00	Shafting ring 轴用挡圈	4	
16	DS2K8-43071	D00	End roller 主滚轮	2	
17	DS2K8-43051	D00	End roller 主滚轮	2	

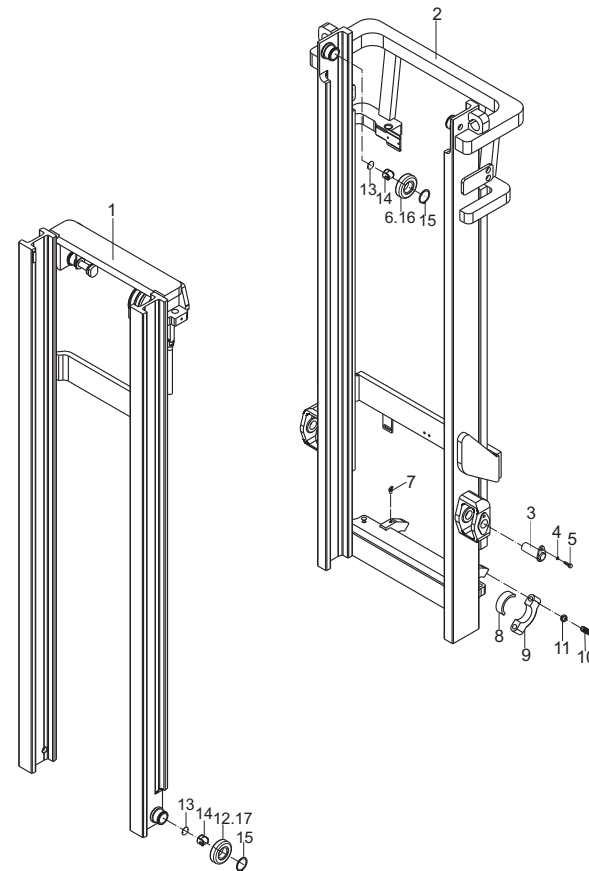
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图36/FIG. 36

门架(基本型)/MAST (NORMAL)

门架选用件表 Mast Optional Parts

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	外门架总成 OUTER MAST		内门架总成 INNER MAST	备注 REMARK
	1.5-1.6t	1.8-2.0t		
M200	D67X8-30001	D7B38-30001	D7B38-30701	
250	-30011	-30011	-30711	
300	-30021	-30021	-30721	标准 STD
330	-30031	-30031	-30731	
350	-30041	-30041	-30741	
370	-30051	-30051	-30751	
400	-30061	-30061	-30761	
425	-30071	-30071	-30771	
450	-30081	-30081	-30781	
500	-30091	-30091	-30791	
550	D7B38-30101	-30101	-30801	
600	D7B38-30111	-30111	-30811	

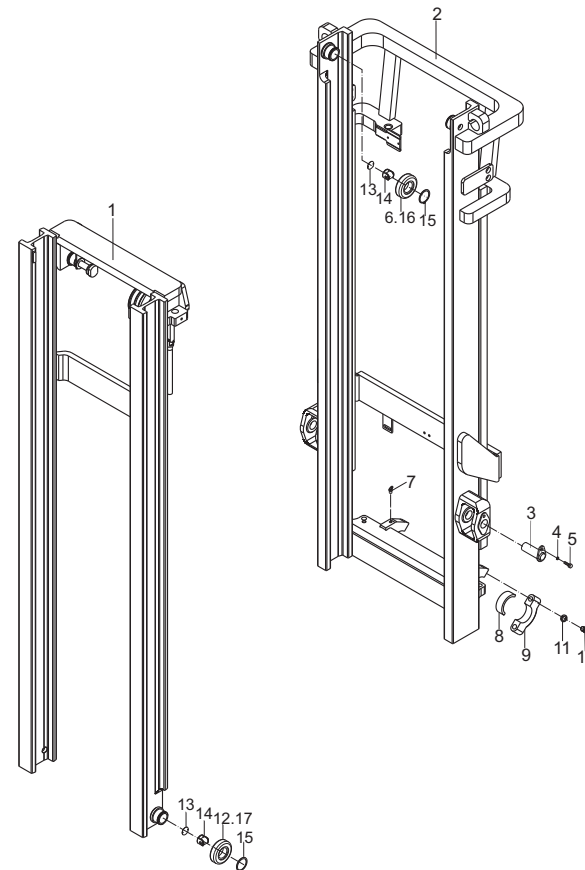


图37/FIG. 37

门架(二级全自由)/MAST (FULL FREE 2-STAGE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
01	HRDS2K8302	03	Inner mast 内门架总成	1	见选用件表 See OP. parts
02	HRDS2K8301	03	Outer mast 外门架总成	1	见选用件表 See OP. parts
03	D7G58-30061	02	Pin 倾斜缸销轴	2	
04	B5310-00010	00	Washer 垫圈10	2	GB97.1-85
05	B0530-10020	00	Bolt 螺栓M10X1.25X20	2	GB5786-86
06	DS2K8-42071	D00	Roller(Inc.13-16)组合滚轮(包含13-16)	2	
07	Q701B45	00	Fitting 弯颈式滑脂嘴	2	ZBT33001.2-88
08	D61K8-32271	D03	Bushing 轴衬	2	
09	D61K8-32261	02	Cap 外门架支座盖	2	
10	B0230-14065	00	Bolt 螺栓M14X65	4	GB5782-86
11	B5050-00014	00	Washer,lock 垫圈14	4	GB93-87
12	DS2K8-42051	D00	Roller(Inc.13-15,17)组合滚轮(包含13-15,17)	2	
13	TP033X0.50	D00	Shim 调整垫片	AR	
14	DS2K8-34021	D00	Siae roller 侧滚轮	4	
15	B6150-00045	00	Shafting ring 轴用挡圈	4	
16	DS2K8-43071	D00	End roller 主滚轮	2	
17	DS2K8-43051	D00	End roller 主滚轮	2	

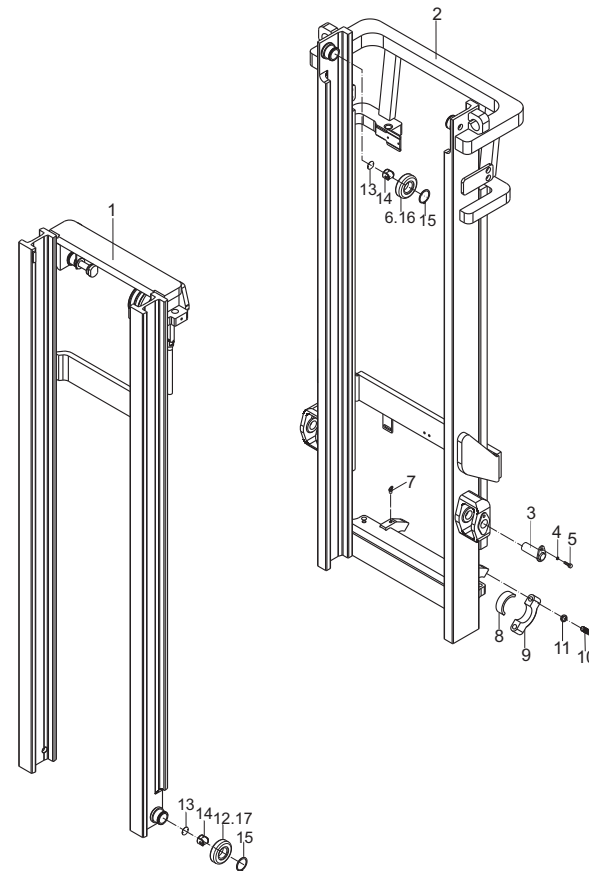
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图38/FIG. 38

门架(三级全自由)/MAST (FULL FREE 3-STAGE)

门架选用件表 Mast Optional Parts

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	外门架总成 OUTER MAST		中门架总成 MIDDLE MAST	内门架总成 INNER MAST
	1.5-1.6t	1.8-2.0t		
ZSM360	DS1S8-30001	DS2S8-30001	DS2S8-30601	DS2S8-30801
400	-30011	-30011	-30611	-30811
435	-30021	-30021	-30621	-30821
450	-30031	-30031	-30631	-30831
470	-30041	-30041	-30641	-30841
480	-30051	-30051	-30651	-30851
500	-30061	-30061	-30661	-30861
540	-30071	-30071	-30671	-30871
600	-30081	-30081	-30681	-30881
650	-30091	-30091	-30691	-30891

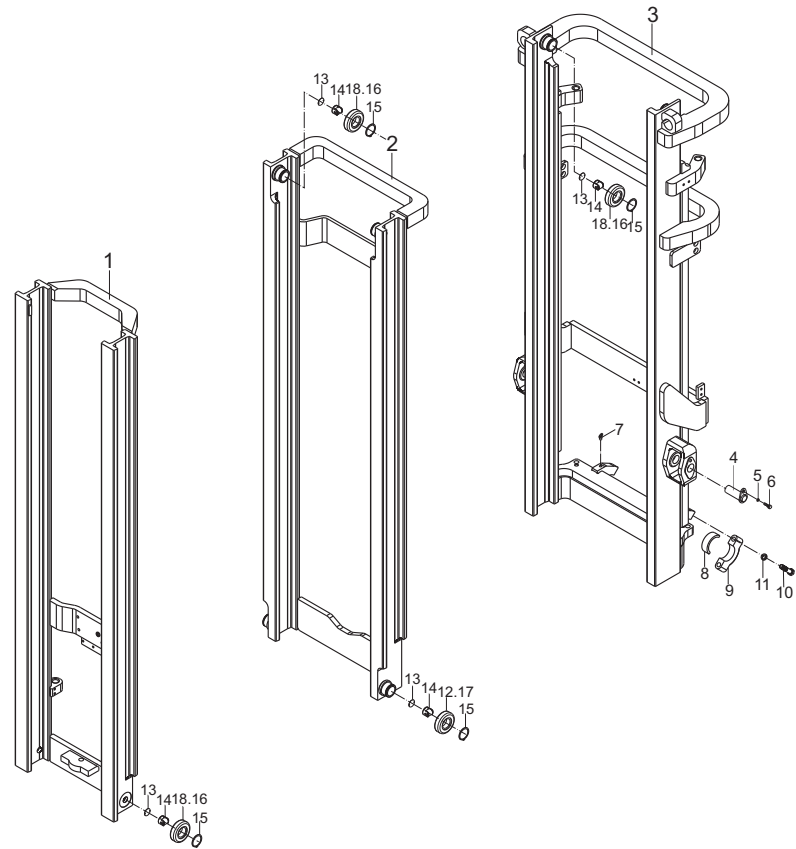


图39/FIG. 39

起升油缸(基本型)/LIFT CYLINDER(NORMAL)

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	HRD7B38401-1	D03	Lift cylinder installation 起升油缸安装图	1	
01	D2KD8-74011	D01	Sheave 链轮	2	
02	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
03	HRLH1234021-N	D02	Chain ass'y(Inc.35-37) 链条总成	2	见选用件表 See op. Parts
04	HRD67X8402	D01	Lift cylinder(Inc.7,15-34) 起升油缸	2	1.5-1.6t 见选用件表 See op. Parts
05	B0530-12040	00	Bolt 螺栓M12X1.25X40	2	GB5786-86
06	D7B38-42031	00	Sleeve 隔套	2	
07	B3130-10026	00	Pin 销B10X26	2	GB119-86
08	B8330-08020	00	Screw 螺钉M8x20	2	GB79-85
09	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
10	B0230-10040	00	Bolt 螺栓M10X40	4	GB5782-86
11	DE778-42031	00	Rubber 减震块	2	
12	DE778-42061	00	Shim 调整垫片	8	
13	D7B38-42011	04	Cylinder fixing clip 油缸固定卡1	2	
14	D7B38-40201	02	Cylinder fixing clip 油缸固定卡	2	
15	B8032-05008	00	Screw 内六角圆柱头螺钉M5X8	2	
16	Q70B0-82141	D01	Shim 垫片	2	
17	23650-83531	00	Snap ring 挡片	2	
18	4630500	D00	Dust ring 防尘圈40X48X5.8	2	
19	23918-52161	00	Seal ring 轴用密封圈40X50X6	2	
20	DCQ045BL-02	D00	Guide sleeve 导向套	2	
21	C0 0537	D00	O-ring O型密封圈47.5X2	2	
22	Z2112-04025	00	Bushing 钢背轴承4025	2	
23	D67X8402.1-00L	D00	Cylinder bodyL.H 左缸体	1	
24	DCQ045BL-10	D00	Snap ring 挡片51X48X1.25	2	
25	HRD67X8402-01	D00	Rod,piston 柱塞杆	2	
26	HRD67X8402-02	D00	Spacer 调整套	2	
27	GQC045DL4-12	D00	Snap ring 钢丝挡圈26	2	
28	LB3C-40	D00	Valve 安全阀	2	
29	DH2K8-42041	D00	Piston 活塞	2	

CPD15SQ,16SQ-GB2Li

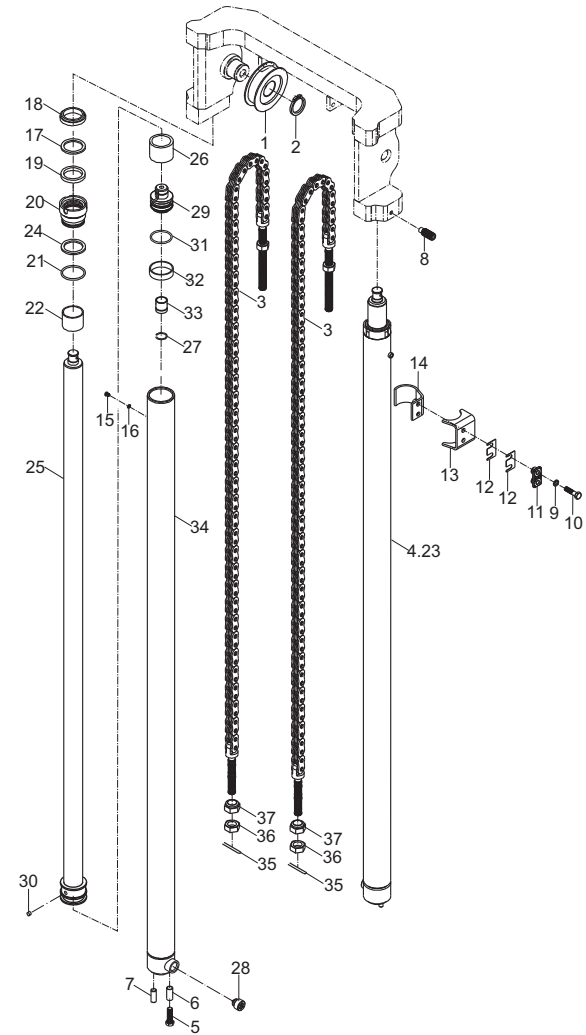


图39/FIG. 39

起升油缸(基本型)/LIFT CYLINDER(NORMAL)

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

CPD15SQ,16SQ-GB2Li

起升高度 LIFTING HEIGHT	左起升油缸 LIFT CYL. MOUNTING LEFT	右起升油缸 LIFT CYL. MOUNTING RIGHT	链条节数(N) CHAIN,LEAF	备注 REMARK
M200	D67X8-40011L	D67X8-40011R	HRLH1234021-75	
250	-40021L	-40021R	-87	
300	-40031L	-40031R	-101	
330	-40041L	-40041R	-109	标准 STD
350	-40051L	-40051R	-115	
370	-40061L	-40061R	-119	
400	-40071L	-40071R	-129	
425	-40081L	-40081R	-137	
450	-40091L	-40091R	-143	
500	-40101L	-40101R	-157	
550	-40111L	-40111R	-171	
600	-40121L	-40121R	-185	

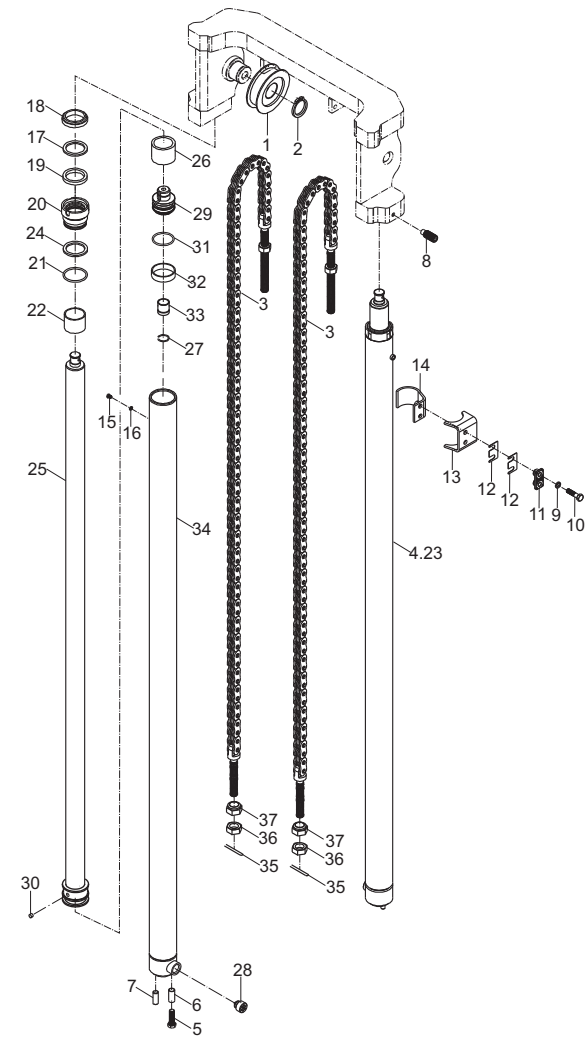


图40/FIG. 40

起升油缸(基本型)/LIFT CYLINDER(NORMAL)

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	HRD7B38401-2	D03	Lift cylinder installation 起升油缸安装图	1	
01	D2KD8-74011	D01	Sheave 链轮	2	
02	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
03	HRLH1234021-N	D02	Chain ass'y(Inc.35-37) 链条总成	2	见选用件表 See op. Parts
04	HRD7B38402	D02	Lift cylinder(Inc.7,15-34) 起升油缸	2	见选用件表 See op. Parts
05	B0530-12040	00	Bolt 螺栓M12X1.25X40	2	GB5786-86
06	D7B38-42031	00	Sleeve 隔套	2	
07	B3130-10026	00	Pin 销B10X26	2	GB119-86
08	B8330-08020	00	Screw 螺钉M8x20	2	GB79-85
09	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
10	B0230-10040	00	Bolt 螺栓M10X40	4	GB5782-86
11	DE778-42031	00	Rubber 减震块	2	
12	DE778-42061	00	Shim 调整垫片	8	
13	D7B38-42011	04	Cylinder fixing clip 油缸固定卡1	2	
14	D7B38-40201	02	Cylinder fixing clip 油缸固定卡	2	
15	22580-53311	00	Screw 孔用密封圈45X35X6	2	
16	GCQ045DL4-04	D00	Shim 垫片	2	
17	23658-52861	D00	Snap ring 挡片	2	
18	29568-42051	D00	Dust ring DKB防尘圈36X48X7/10	2	
19	D10B8-42311	00	Seal ring 轴用密封圈36X46X6	2	
20	D7B38404-03	D00	Guide sleeve 导向套	2	
21	Z6053-04472	00	O-ring O型密封圈44.7X2.4	2	
22	Z2112-03630	00	Bushing 钢背轴承3630	2	
23	D7B38402.1-00L	D00	Cylinder bodyL.H 左缸体	1	
24	LB3C-40	D00	Valve 安全阀	2	
25	D7B38402-01	D00	Rod,piston 活塞杆	2	
26	GCQ045DL4-12	D00	Snap ring 钢丝挡圈	2	
27	D20B8-42381	D00	Snap ring 钢丝挡圈	2	
28	GCQ055DL4.2-00	D00	Valve ass'y 阀总成	2	
29	HRD6S50805-04	D00	Piston 活塞	2	

CPD18SQ,20SQ-GB2Li

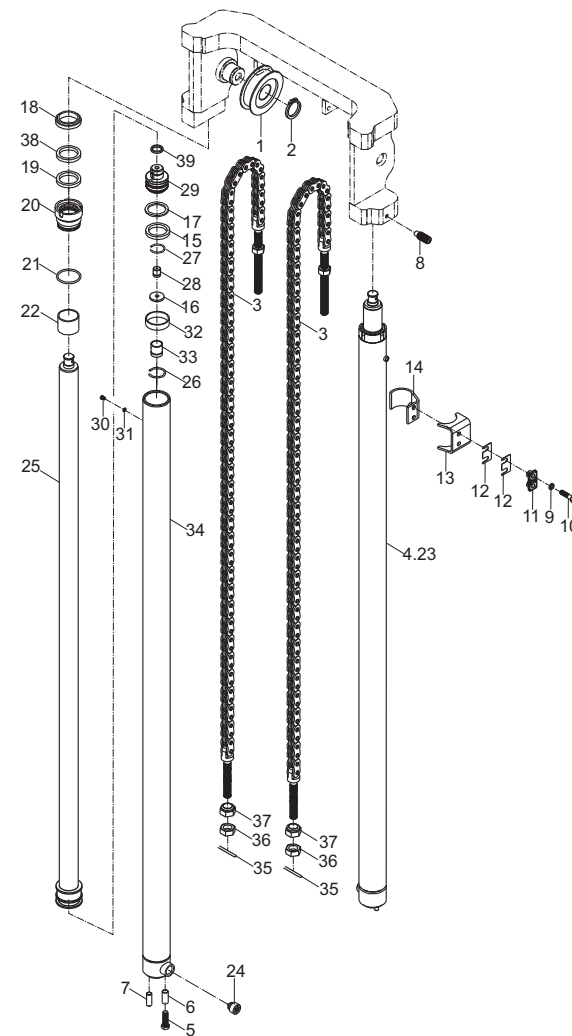


图40/FIG. 40

起升油缸(基本型)/LIFT CYLINDER(NORMAL)

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

CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	左起升油缸 LIFT CYL. MOUNTING LEFT	右起升油缸 LIFT CYL. MOUNTING RIGHT	链条节数(N) CHAIN,LEAF	备注 REMARK
M200	D7B38-40011L	D7B38-40011R	HRLH1234021-75	
250	-40021L	-40021R	-87	
300	-40031L	-40031R	-101	
330	-40041L	-40041R	-109	标准 STD
350	-40051L	-40051R	-115	
370	-40061L	-40061R	-119	
400	-40071L	-40071R	-129	
425	-40081L	-40081R	-137	
450	-40091L	-40091R	-143	
500	-40101L	-40101R	-157	
550	-40111L	-40111R	-171	
600	-40121L	-40121R	-185	

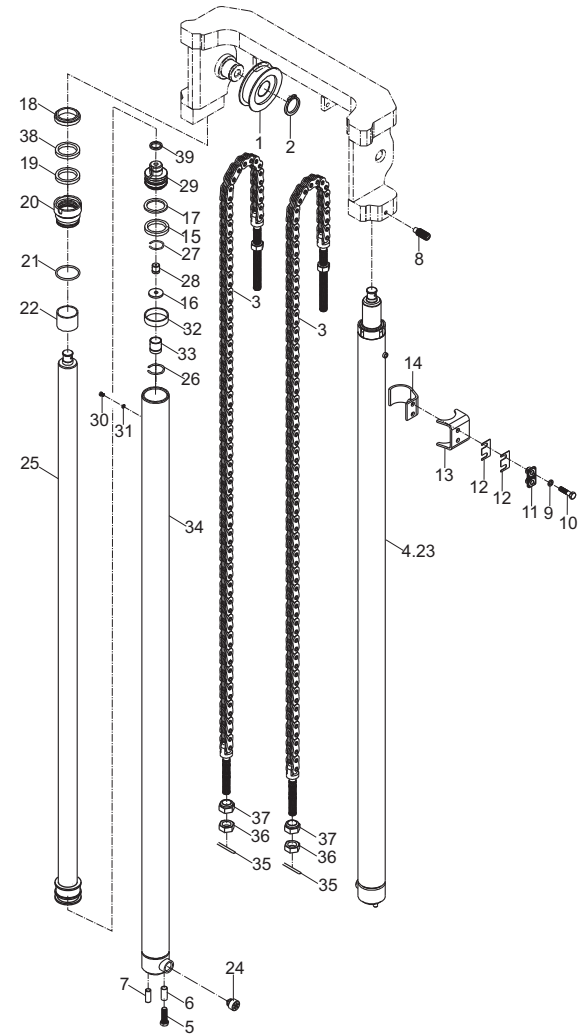


图41/FIG. 41

前起升油缸(二、三级全自由)/FRONT LIFT CYLINDER(FULL FREE 2、3-STAGE)

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	HRDS2S8403	D03	Front lift cylinder mounting 前起升油缸安装	1	
01	B5050-00010	00	Washer,lock 垫圈10	2	GB93-87
02	DS2S8-42091	00	Shaft sleeve 缸底轴套	1	
03	HRLH1044022-N	D00	Chain 链条总成	1	见选用件表 See op. Parts
04	DS2S8-42051	01	Spacer 隔套短	2	
05	DS2S8-42071	01	Spacer 隔套长	1	
06	B0530-12035	00	Bolt 螺栓M12X1.25X35	1	GB5786-86
07	DS2S8-33791	01	Support 前缸固定卡	1	
-	DS2S8-40021	01	Support 前缸固定卡	1	三级门架用
08	B0430-10040	00	Bolt 螺栓M10X1.25X40	2	GB5785-86
09	HRDS2S8404	D02	Front lift cylinder (Inc.17-35) 前起升油缸(包含17-35)	1	二级门架用 See op. Parts
-	HRDS1S8404	D02	Front lift cylinder (Inc.17-35) 前起升油缸	1	三级门架用 See op. Parts
10	DS2S8-42041	01	Sheave axle 链轮轴	1	
11	DS2S8-42031	D00	Sheave 链轮	2	
12	QG1R0-80011	01	Sheave seat 链轮座	1	
13	B0330-08016	00	Bolt 螺栓M8X16	2	GB5783-86
14	D16N8-83001	00	Plate 卡板	1	
15	B5050-00008	00	Washer,lock 垫圈8	2	GB93-87
16	DS2S8-42101	01	Spacer block 前缸垫块	1	二级门架用
17	HRDS2S8411	D00	Piston rod 活塞杆	1	二级门架用 See op. Parts
-	HRDS1S8411	D00	Piston rod 活塞杆	1	三级门架用 See op. Parts
18	LBH-50	D00	Dust ring 防尘圈50X58X6.5	1	
19	22658-52301	00	Snap ring 挡片50X60X3	1	
20	24329-45591	00	Shafting ring 轴用密封圈50X60X6	1	GB1235-76
21	Z6003-07503	00	O-ring 0型密封圈D75X3.1	1	二级门架用
-	C00207	00	O-ring 0型密封圈D70X3.1	1	三级门架用
22	Z2114-05035	00	Bushing 钢背轴承5035	1	
23	D16N8-82411	D00	Guide 导向套	1	二级门架用
-	GQC060BL4-02	D00	Guide 导向套	1	三级门架用
24	Z6003-07003	00	O-ring 0型密封圈D70X3.1	1	GB70-85

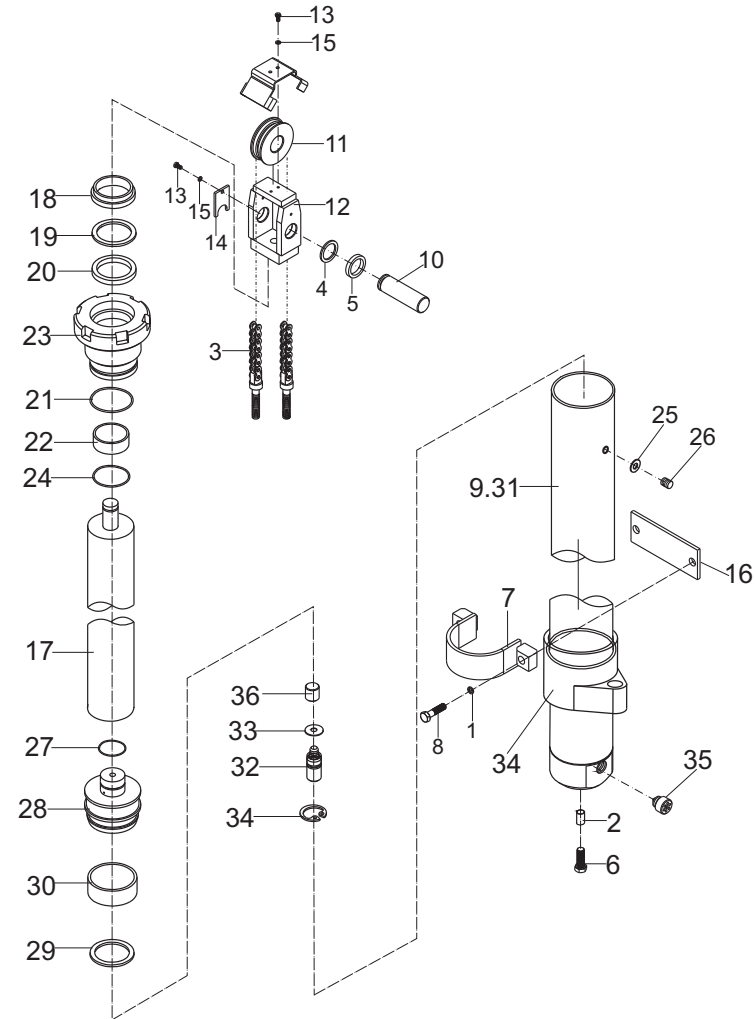
CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

图41/FIG. 41

前起升油缸(二、三级全自由)/FRONT LIFT CYLINDER(FULL FREE 2、3-STAGE)

序号 Item No	图号 Part No	版本 Edition	零部件名称 Description	件数 Q'ty	备注 Remark
25	Q70B0-82141	D01	Shim 垫片	1	
26	B8032-05006	00	Screw 螺钉M5x6	1	二级门架用
-	B8032-05005	00	Screw 螺钉M5x5	1	三级门架用
27	GCQ055DL4-04	00	Steel ring 钢丝挡圈	1	二级门架用
-	GCQ08CMKS-04	00	Steel ring 钢丝挡圈	1	三级门架用
28	HRDS2S8413	00	Piston rod 活塞体	1	二级门架用
-	HRDS1S8413	00	Piston rod 活塞体	1	三级门架用
29	GS1416V0	D01	Snap ring 格莱圈70X56X6	1	二级门架用
-	FW4200600-Z20W	00	Snap ring 格莱圈60X49X4.2	1	三级门架用
30	D01D8-42041	D00	Wearing 支撑环70x64x20	1	二级门架用
-	HRD10K0506-10	00	Wearing 支撑环60x55x20	1	三级门架用
31	HRDS2S8412	D00	Cylinder body 缸体	1	二级门架用
-	HRDS1S8412	D00	Cylinder body 缸体	1	三级门架用
32	GCQ055DL4.2-00	00	Vavle 阀总成	1	
33	DA2N8-01	00	Shim 垫片	1	
34	GCQ08CMKS-04	00	Snap ring 钢丝挡圈	1	
35	LB4C-100	00	Safety vavle 安全阀	1	二级门架用
-	LB4C-90	00	Safety vavle 安全阀	1	三级门架用
36	DG1N8-50201	00	Sleeve 套	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

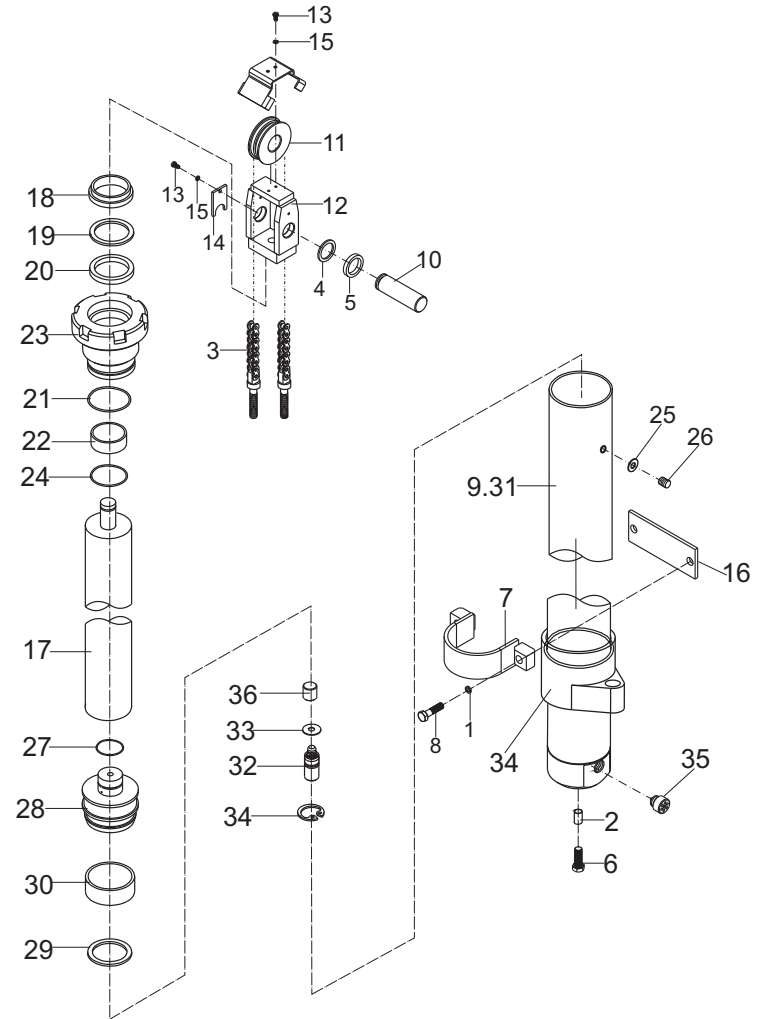


图41/FIG. 41

前起升油缸(二、三级全自由)/FRONT LIFT CYLINDER(FULL FREE 2、3-STAGE)

前起升油缸选用件(二级全自由门架)
OPTIONAL PARTS FRONT LIFT CYLINDER (FULL FREE 2-STAGE MAST)

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	前升降缸总成 LIFT CYLINDER			链条总成 CHAIN ASS'Y			备注 REMARKS
	1-2t 二级全自由	1.5-1.6t 三级全自由	1.8-2t 三级全自由	1-2t 二级全自由	1.5-1.6t 三级全自由	1.8-2t 三级全自由	
200	DS2K8-40401			HRLH1044022-71			
250	-40411			-79			
300	-40421			-87			1-2t二级全自由 标准 STD
330	-40431			-93			
350	-40441			-95			
360		DS1S8-40201	DS2S8-40201	HRLH1044022-79	HRLH1044022-79		
370	-40451			-99			
400	DS2S8-40281	-40211	-40211	-105	-83	-83	
435		-40221	-40221		-87	-87	1-2t三级全自由 标准 STD
450		-40231	-40231		-89	-89	
470		-40241	-40241		-89	-89	
480		-40251	-40251		-91	-91	
500		-40261	-40261		-95	-95	
540		-40271	-40271		-99	-99	
600		-40281	-40281		-105	-105	
650		-40291	-40291		-109	-109	

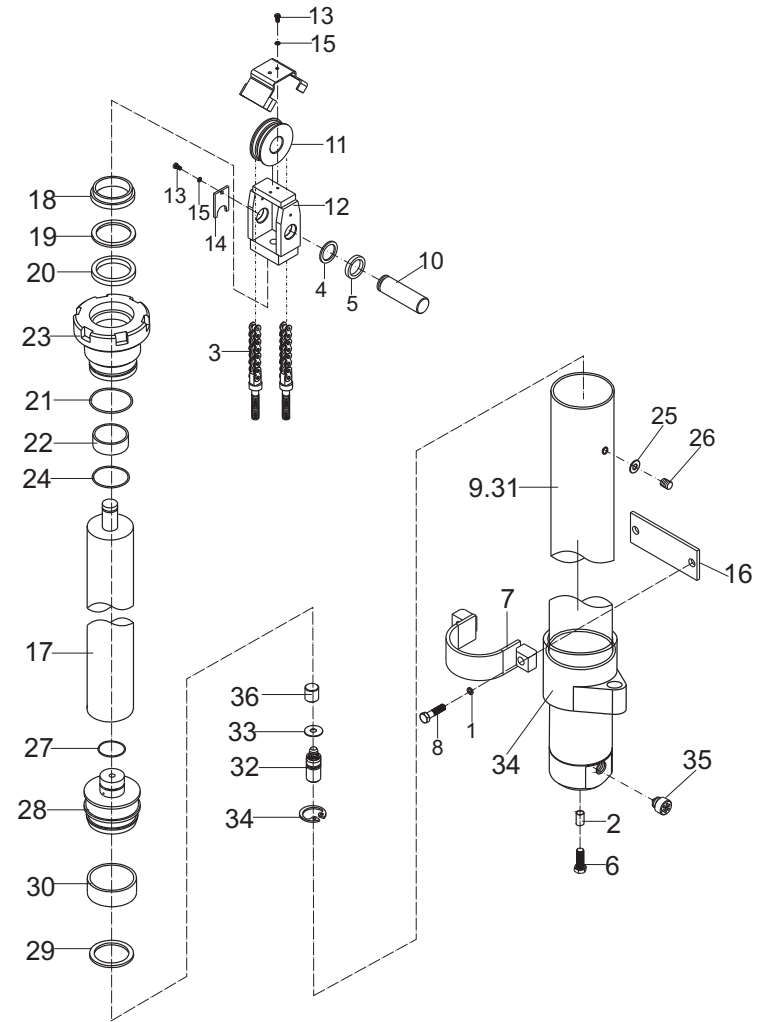


图42/FIG. 42

后起升油缸(二级全自由)/REAR LIFT CYLINDER(FULL FREE 2-STAGE)

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	HRDS2K8401	D01	Rear lift cylinder mounting 后起升油缸安装	1	
01	B8330-08020	00	Screw 螺钉M8X20	1	GB79-85
02	DS1G8-45001	00	Shim 调整垫片	4	
03	HRDS2K8402	D01	Rear lift cylinder (Inc.18-40) 后起升油缸 (包含18-40)	2	见选用件表 See op. Parts
04	DE778-42031	00	Buffer 减震块	2	
05	DE778-42061	00	Shim 调整垫片	8	
06	D7B38-42011	04	Cylinder fixing plate 油缸固定卡1	2	
07	D7B38-40201	02	Cylinder fixing plate 油缸固定卡	2	
08	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
09	B0530-12040	00	Bolt 螺栓M12X1.25X40	2	GB5786-86
10	D7B38-42031	00	Spacer 隔套	2	
11	B0230-10040	00	Bolt 螺栓M10X40	4	GB5782-86
12	DG1G8-70201	00	Stopper 限位板	1	
13	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
14	B0330-06016	00	Bolt 螺栓M6X16	2	GB5786-86
15	B4430-00027	00	Nut 螺母M27	2	GB6173-86
16	HRD15N8701K D15N8-42001	00	Shim 调整垫片	2	
17	HRD15N8701K D15N8-42011	00	Shim 调整垫片	2	
18	HRDS2K8402-01	D00	Linkage 连接杆	1	
19	Z6003-02602	00	O-ring O型圈D26X2.4	1	
20	AR1870F5	D00	Dust ring DKB防尘圈32X44X7/10	2	
21	23658-52061	D00	Snap ring 挡片	2	
22	23658-52051	D00	Shafting ring 轴用密封圈32X42X6	2	
23	D16K8-00001-Y	D00	Guide 导向套	2	
24	Z6053-04472	00	O-ring O型密封圈D44.7X2.4	2	
25	Z2113-03230	00	Bushing 钢背轴承3230, t=2	2	
26	B8032-05005	00	Screw 螺钉M5X5	2	
27	Z6700-010	00	Washer 组合垫圈5	2	
28	HRDS2K8402-01L	D00	Piston rod L.H. 左柱塞杆	1	
29	HRDS2K8402.2-01L	D00	Cylinderbody L.H. 左缸体	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

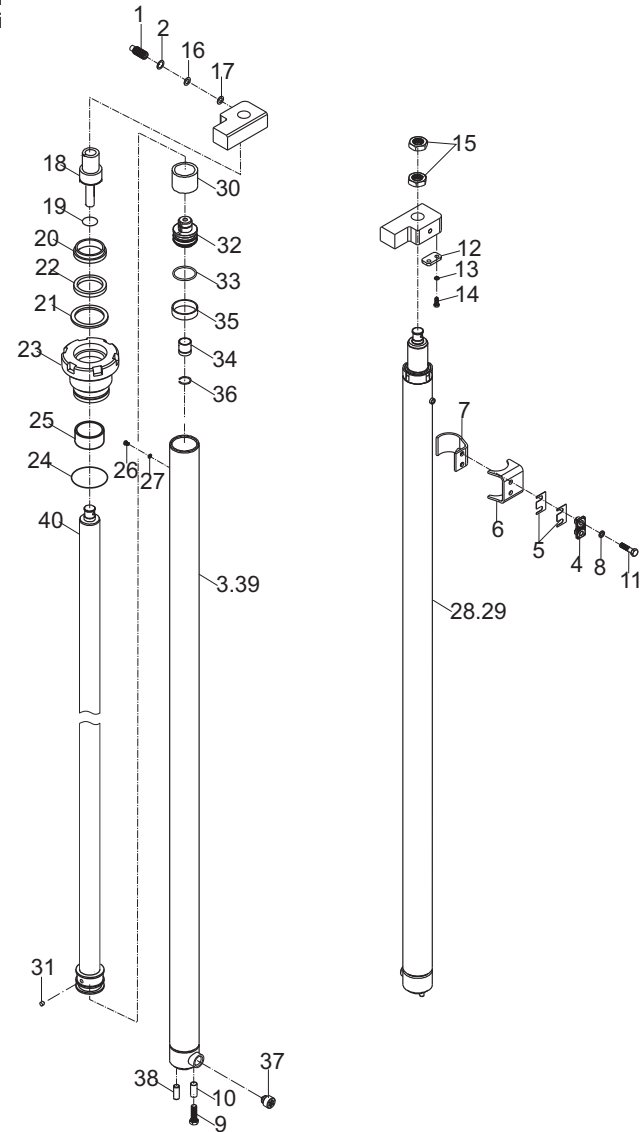


图42/FIG. 42

后起升油缸 (二级全自由) / REAR LIFT CYLINDER (FULL FREE 2-STAGE)

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	DG1G8-02	D00	Spacer 调整套	2	
31	B1832-04005	00	Screw 紧定螺钉M4X5	3	GB/178-2000
32	DH2K8-42041	D00	Piston 活塞	2	
33	PT0200450-T46	00	Snap ring I型特康格 莱圈 (45X34X4.2)	2	
34	DH2K8-42051	00	Sleeve 套	2	
35	GW0261P0	00	Wearing 支撑环	2	
36	GCQ045DL4-12	00	Steel ring 钢丝挡圈	2	
37	LB3C-40	D00	Valve 安全阀	2	
38	B3130-10026	00	Pin 销10X26	2	
39	HRDS2K8402.2-00R	00	Cylinderbody R.H. 右缸体	1	
40	HRDS2K8402-01R	00	Piston rod R.H. 右柱塞杆	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

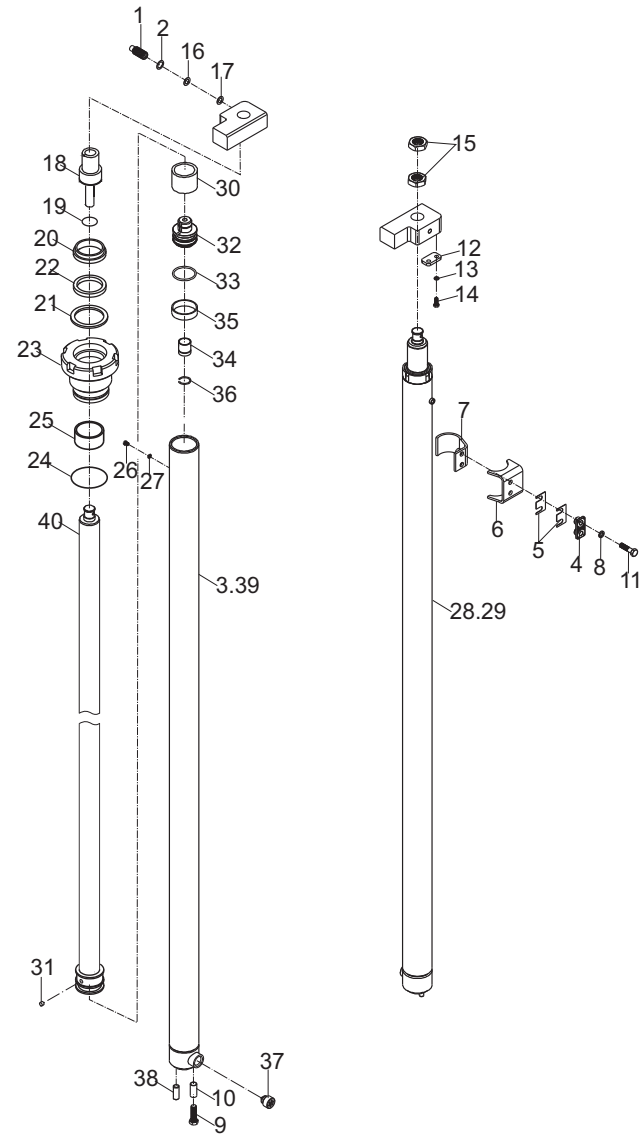


图42/FIG. 42

后起升油缸 (二级全自由) / REAR LIFT CYLINDER (FULL FREE 2-STAGE)

后起升油缸选用件
LIFT CYLINDER OPTION TABLE

起升高度 LIFTING HEIGHT	后起升油缸总成(左) LIFT CYLINDER (LEFT)	后起升油缸总成(右) LIFT CYLINDER (RIGHT)	备注 REMARK
ZM200	DS2K8-40201L	DS2K8-40201R	
250	-40211L	-40211R	
300	-40221L	-40221R	标准 STD
330	-40231L	-40231R	
350	-40241L	-40241R	
370	-40251L	-40251R	
400	-40261L	-40261R	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

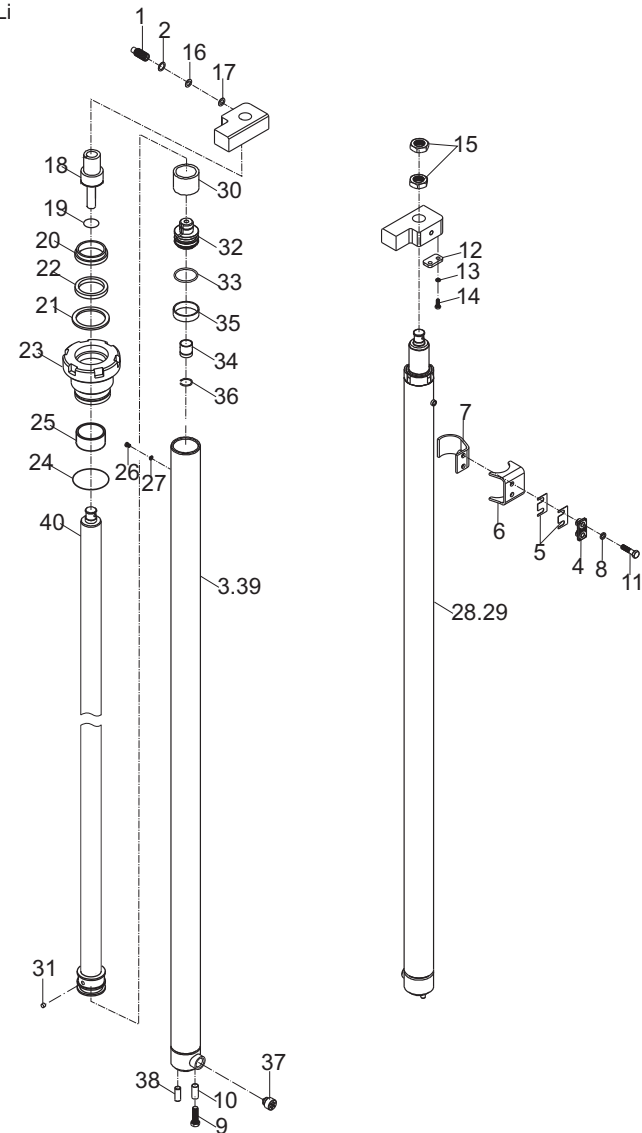


图43/FIG. 43

后起升油缸(三级全自由)/REAR LIFT CYLINDER (FULL FREE 3-STAGE)

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	HRDS2S8401-1	D01	Rear lift cylinder mounting 后起升油缸安装	1	
01	B8330-08020	00	Screw 螺钉M8X20	2	GB79-85
02	HLRH1234021-N	D02	Chain(Inc.37-39) 链条总成	2	见选用件表 See op. Parts
03	HRDS1S8402	D01	Rear lift cylinder (Inc.16-36) 后起升油缸 (包含16-36)	2	见选用件表 See op. Parts
04	DE778-42031	00	Buffer 减震块	2	
05	DE778-42061	00	Shim 调整垫片	8	
06	D7B38-42011	04	Cylinder fixing plate 油缸固定卡1	2	
07	D7B38-40201	02	Cylinder fixing plate 油缸固定卡	2	
08	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
09	B0530-12040	00	Bolt 螺栓M12X1.25X40	2	GB5786-86
10	D7B38-42031	00	Spacer 隔套	2	
11	B0430-10040	00	Bolt 螺栓M10X40	4	GB5785-86
12	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
13	D61K8-30271	02	Sheave 链轮	2	
14	HRD15N8701K D15N8-42001	00	Shim 调整垫片	2	
15	HRD15N8701K D15N8-42011	00	Shim 调整垫片	2	
16	GCQ045DL4-12	D00	Steel ring 钢丝挡圈	2	GB895.1-86
17	DCQ045BL-10	00	Snap ring 挡片51X48X1.25	2	
18	4630500	D00	Dust ring 防尘圈40X48X5.8	2	
19	23650-83531	D00	Snap ring 挡片50X40X3	2	
20	23918-52161	D00	Shafting ring 轴用密封圈	2	
21	DCQ045BL-02	D00	Guide 导向套	2	
22	C00537	00	O-ring O型密封圈47.5X2	2	
23	Z2112-04025	D00	Bushing 钢背轴承4025	2	
24	B8032-05008	00	Screw 螺钉M5X8	2	GB/T67-2000
25	Q70B0-82141	00	Shim 垫片	2	
26	DS1S8402-01	00	Piston rod L.H. 柱塞杆	2	
27	DS1S8402.1-00L	00	Cylinderbody L.H. 左缸体	1	
28	B1820-04006	D00	Screw 内六角紧定螺钉M4X6	2	GB/T80-2000
29	DS1S8402-02	D00	Spacer 调整套	2	

CPD15SQ,16SQ-GB2Li

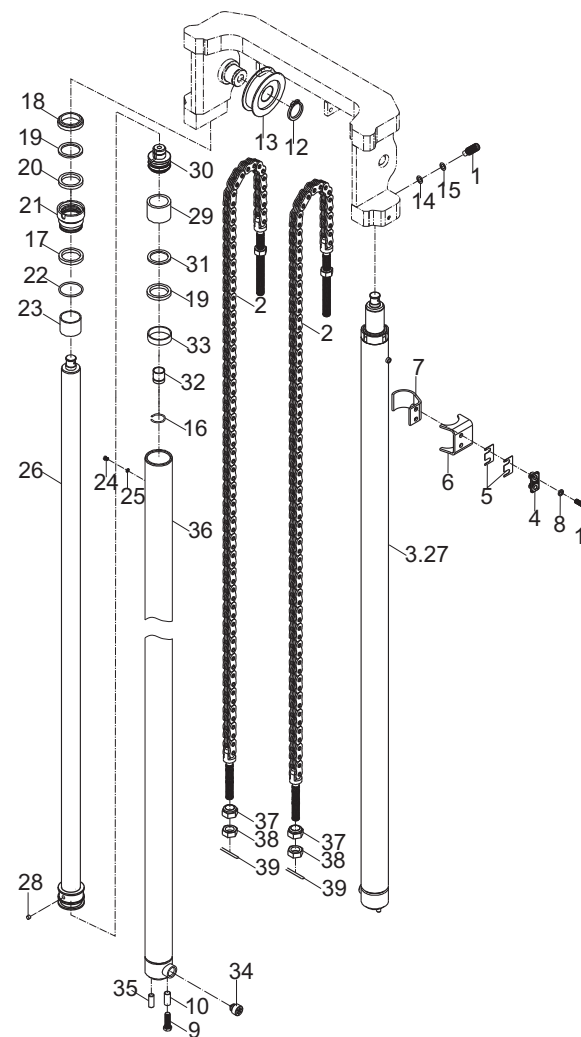


图44/FIG. 44

后起升油缸(三级全自由)/REAR LIFT CYLINDER(FULL FREE 3-STAGE)

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	HRDS2S8401-2	D01	Rear lift cylinder mounting 后起升油缸安装	1	
01	B8330-08020	00	Screw 螺钉M8X20	2	GB79-85
02	HLRH1234021-N	D02	Chain(Inc.38-40) 链条总成	2	
03	HRDS2S8402	D01	Rear lift cylinder (Inc.16-37) 后起升油缸 (包含16-37)	2	见选用件表 See op. Parts
04	DE778-42031	00	Buffer 减震块	2	
05	DE778-42061	00	Shim 调整垫片	8	
06	D7B38-42011	04	Cylinder fixing plate 油缸固定卡1	2	
07	D7B38-40201	02	Cylinder fixing plate 油缸固定卡	2	
08	B5050-00010	00	Washer,lock 垫圈10	4	GB93-87
09	B0530-12040	00	Bolt 螺栓M12X1.25X40	2	GB5786-86
10	D7B38-42031	00	Spacer 隔套	2	
11	B0430-10040	00	Bolt 螺栓M10X40	4	GB5785-86
12	B6150-00040	00	Snap ring 挡圈40	2	GB894.1-86
13	D61K8-30271	02	Sheave 链轮	2	
14	HRD15N8701K D15N8-42001	00	Shim 调整垫片	2	
15	HRD15N8701K D15N8-42011	00	Shim 调整垫片	2	
16	D20B8-42381	D00	Steel ring 钢丝挡圈	2	GB895.1-86
17	GCQ055DL4.2-00	00	Valve ass'y 阀总成	2	
18	29568-42051	D00	Dust ring DKB防尘圈36X48X7/10	2	
19	23650-52861	D00	Snap ring 挡片45X35X3	2	
20	D10B8-42311A	D00	Shafting ring 轴用密封圈36X46X6	2	
21	HRD61Q8402	D00	Guide 导向套	2	
22	Z6053-04472	00	O-ring O型密封圈44.7X2.4	2	
23	Z2112-03630	D00	Bushing 钢背轴承3630	2	
24	B8032-05005	00	Screw 螺钉M5X5	2	GB/T67-2000
25	Z6700-010	00	Washer 组合垫圈5	2	
26	HRDS2S8402-01	00	Piston rod L.H. 活塞杆	2	
27	HRDS2S8402.1-00L	00	Cylinderbody L.H. 左缸体	1	
28	GCQ045DL4-04	D00	Shim 垫片	2	
29	HRDS2S8402-02	D00	Spacer 调整套	2	

CPD18SQ,20SQ-GB2Li

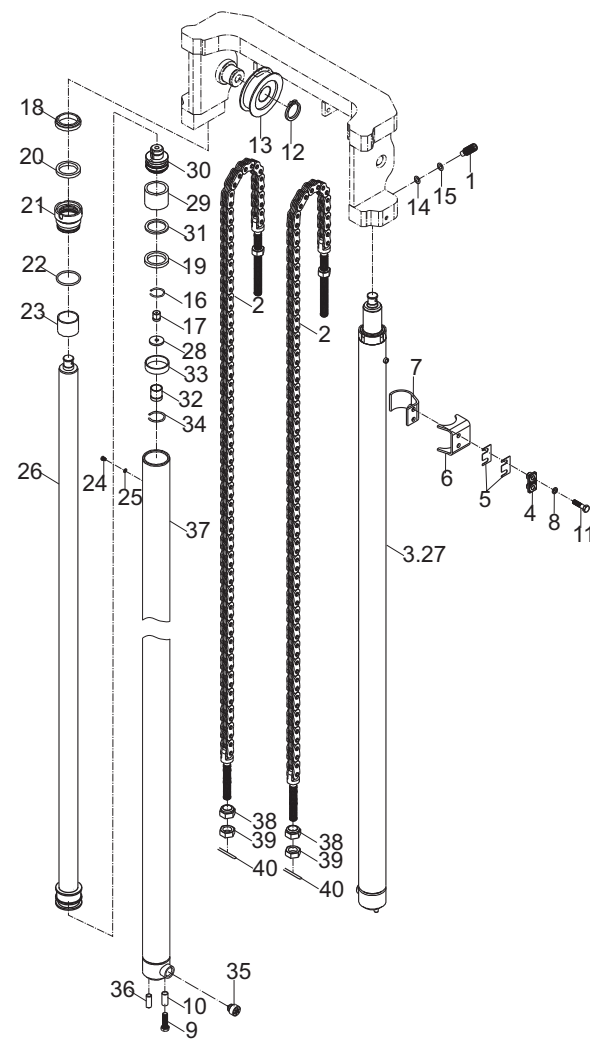


图44/FIG. 44

后起升油缸 (三级全自由) / REAR LIFT CYLINDER (FULL FREE 3-STAGE)

后起升油缸选用件
LIFT CYLINDER OPTION TABLE

CPD18SQ,20SQ-GB2Li

起升高度 LIFTING HEIGHT	后起升油缸总成(左) LIFT CYLINDER(LEFT)	后起升油缸总成(右) LIFT CYLINDER(RIGHT)	链条总成 CHAIN ASS'Y	备注 REMARK																																																	
ZSM360	DS2S8-40011L	DS2S8-40011R	79																																																		
400	-40021L	-40021R	87																																																		
435	-40031L	-40031R	93	标准 STD																																																	
450	-40041L	-40041R	95																																																		
470	-40051L	-40051R	99																																																		
480	-40061L	-40061R	101																																																		
500	-40071L	-40071R	107																																																		
540	-40081L	-40081R	113																																																		
600	-40091L	-40091R <td 125		650	-40101L	-40101R	135																																														
650	-40101L	-40101R	135																																																		

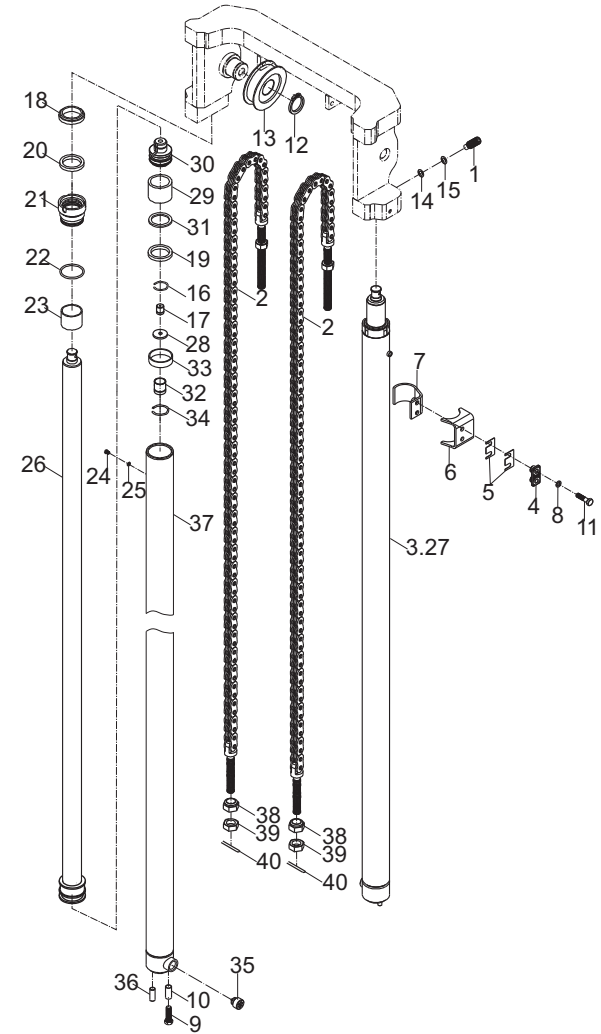


图45/FIG. 45

倾斜油缸/TILT CYLINDER

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	HRD7B38501	D01	Tilt cylinder 倾斜油缸	2	
01	X070T-52011S	00	Ear ring 耳环	2	
02	REF341310 24248-52341	D00	Seal,dust 防尘圈DKB30X47X7/10	2	
03	B6052-00042	00	Ring,snap 挡圈42	4	
04	D6S58-03	D00	Guide sleeve 导向套	2	
05	D6S58-04	00	Ring,snap 挡圈42X35X2	2	
06	REF340216 24248-52331	D00	Shim 挡片30X43X3	2	
07	FU0357K0	D00	Seal ring 轴用密封圈30X40X6	2	
08	Z6003-06303	00	O-ring 0型密封圈63X3.1	2	GB1235-76
09	Z2113-03020	00	Bushing 钢背轴承3020	2	
10	HRD7B38501.2-00	D00	Piston body 活塞体	2	
11	D61Q8-50201	D00	Tube,cylinder ass'y 缸筒总成	2	
12	REF340214 22439-43711	00	Seal ring 孔用密封圈63X53X6	4	
13	23238-40141	00	Wearing 支承环63X58X20	2	
14	B5050-00010	00	Washer,lock 垫圈10	2	GB93-87
15	B0330-10020	00	Bolt 螺栓M10X20	2	GB5873-86
16	B0223-14055	00	Bolt 螺栓M14X55	2	GB5872-86
17	B4123-00014	00	Nut 螺母M14	2	GB6170-86
18	B5050-00014	00	Washer,lock 垫圈14	2	GB93-87
19	D7B38501-01	D00	Spacer 内调整轴套	2	
20	D3H38-30241B	00	Pin 倾斜油缸销轴	2	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

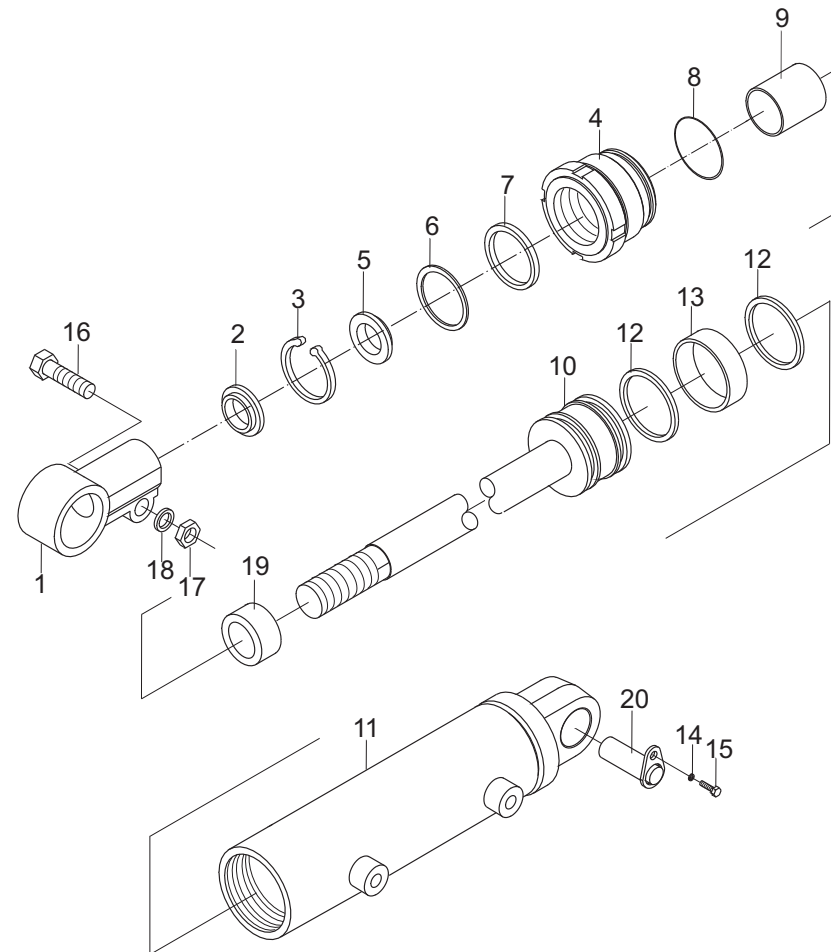


图46/FIG. 46

护顶架/OVERHEAD GUARD

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	A6F95-10001	02	Overhead guard ass'y 护顶架总成	1	1.5t-1.6t
-	A7N75-10001	02	Overhead guard ass'y 护顶架总成	1	1.8t-2.0t
01	A6F95-10011	00	Overhead guard 护顶架	1	1.5t-1.6t
-	A6F95-10011A	00	Overhead guard 护顶架	1	1.5t-1.6t 用于装工作灯, 灭火器 and 风扇
-	A7N75-10011	00	Overhead guard 护顶架	1	1.8t-2.0t
-	A7N75-10011A	00	Overhead guard 护顶架	1	1.8t-2.0t 用于装工作灯, 灭火器 and 风扇
02	A6V75-10311	01	Guard,front lamp 左灯架	1	
03	A6V75-10321	01	Guard,front lamp 右灯架	1	
04	A6S55-10421	01	Handle,grip 把手总成	1	
05	B5310-00012	00	Washer 垫圈12	4	GB97.1-85
06	B5050-00012	00	Washer,lock 垫圈12	4	GB93-87
07	H2MD5-11001	02	Back-mirror(Inc.22,23,9) 后视镜安装总成 (包括22, 23, 9)	1	
08	B5310-00008	00	Washer 垫圈8	6	GB97.1-85
09	B5050-00008	00	Washer,lock 垫圈8	8	GB93-87
10	B8030-08025	00	Screw 螺栓M8X25	2	GB70-85
11	B8030-08030	00	Screw 螺钉M8X30	2	GB70-85
12	B0330-08030	00	Bolt 螺钉M8X30	4	GB5783-86
13	B5310-00006	00	Washer 垫圈6	2	GB97.1-85
14	B0330-08020	00	Bolt 螺栓M8X20	2	GB5783-86
15	B0530-12035	00	Bolt 螺栓M12X1.25X35	4	GB5786-86
16	B0330-06016	00	Bolt 螺栓M6X16	2	GB5783-86
17	B5050-00006	00	Washer,lock 垫圈6	2	GB93-87
18	B0530-16035	00	Bolt 螺栓M16X1.5X35	4	GB5786-86
19	B5050-00016	00	Washer,lock 垫圈16	4	GB93-87
20	B5310-00016	00	Washer 垫圈16	4	GB97.1-85
21	AE675-10311	00	Handle,grip 后把手总成	1	
22	H1M56-41511	00	Back-mirror 广角后视镜总成	1	
23	B0330-08016	00	Bolt 螺栓M8X16	1	GB5783-86
24	AP615-12251B	00	Cover(left) 边管罩(左)	1	
25	AP615-12261B	00	Cover(right) 边管罩(右)	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

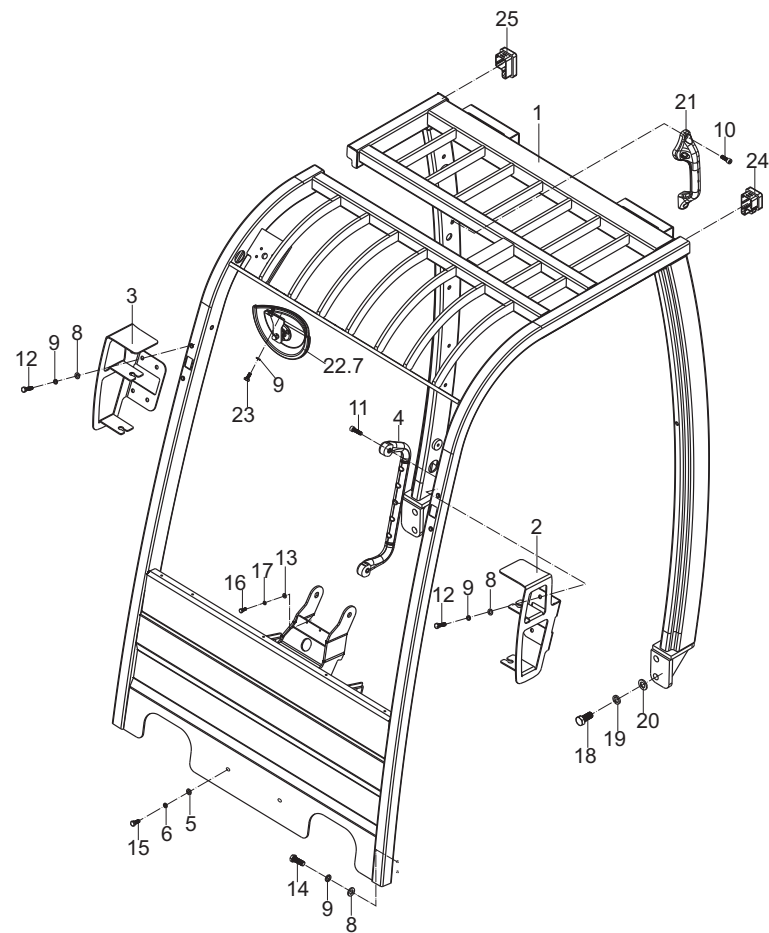


图47/FIG. 47

标牌(国内)/DECAL (HOMELAND)

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	HRA67N9101-1	D00	Decal(Homeland) 标牌(国内)	1	
01	6TY40-00-398	D00	Decal,HELI trademark "HELI" 标牌	2	
02	6TY10-00-193	D02	Decal 门架实际承载能力铭牌	1	
03	6TY40-00-1011	D00	Decal,model 型号标牌	2	1.5t用
-	6TY40-00-464	D00	Decal,model 型号标牌	2	1.6t用
-	6TY40-00-1012	D00	Decal,model 型号标牌	2	1.8t用
-	6TY40-00-1004	D00	Decal,model 型号标牌	2	2.0t用
04	6TY10-00-60	D07	Plate,name 蓄电池平衡重叉车铭牌	1	GB/T12618.3-2006
05	B2391-04008	D00	Rivet 铆钉4X8	8	
06	6TY40-34-05	D00	Decal 严禁冲水标牌	1	
07	6TY40-03-11	D01	Decal,operating 使用须知标牌	1	
08	6TY40-20-01	D01	Decal 蓄电池使用注意事项标牌	1	
09	6TY40-30-06	D01	Decal 保养电池注意事项标牌	1	
10	6TY40-105-06	D00	Decal 车身标牌(左)	1	
11	6TY40-02-03	D02	Decal,lubrication chart 润滑系统图标牌	1	
12	6TY40-01-08	D00	Decal,safty mark 安全标志标牌	2	
13	6TY40-05-07	D00	Decal,adding hydraulic oil 加液压油标牌	1	
14	6TY40-14-06	D00	Decal,padlok mast space 禁止进入门架后空间标牌	1	
15	6TY40-15-08	D00	Decal,notice thumb hand 注意伤手标牌	1	
16	6TY40-10-08	D00	Decal,sling 起吊标牌	2	
17	6TY40-105-07	D00	Decal 车身标牌(右)	1	
18	6TY40-176-01	D00	WeChat QR code sticker 合力叉车微信二维码标贴	1	
19	66TY40-12-10	D00	Decal 启动前检查要领标牌	1	
20	6TY40-11-06	D01	Decal "合力锂电"标贴	2	
21	6TY40-88-02	D00	Decal 急停开关警示标贴	1	
22	6TY40-181-01	D00	Decal 锂电池快充接口标贴	1	

CPD15SQ,16SQ-GB2Li
CPD18SQ,20SQ-GB2Li

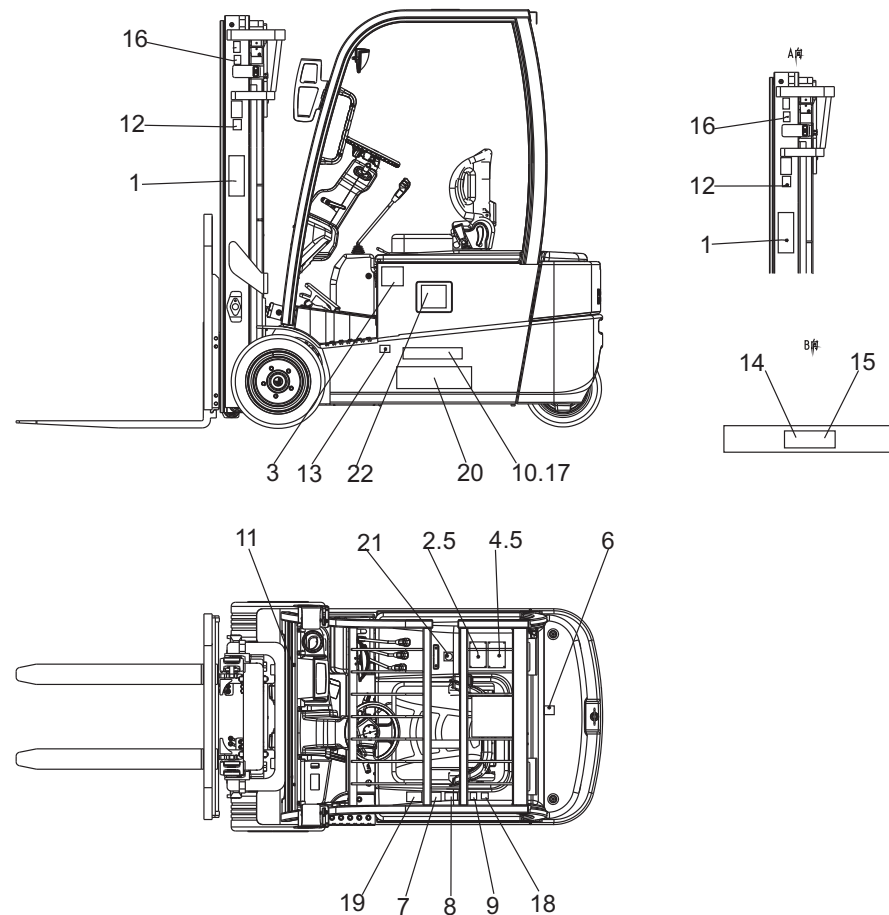
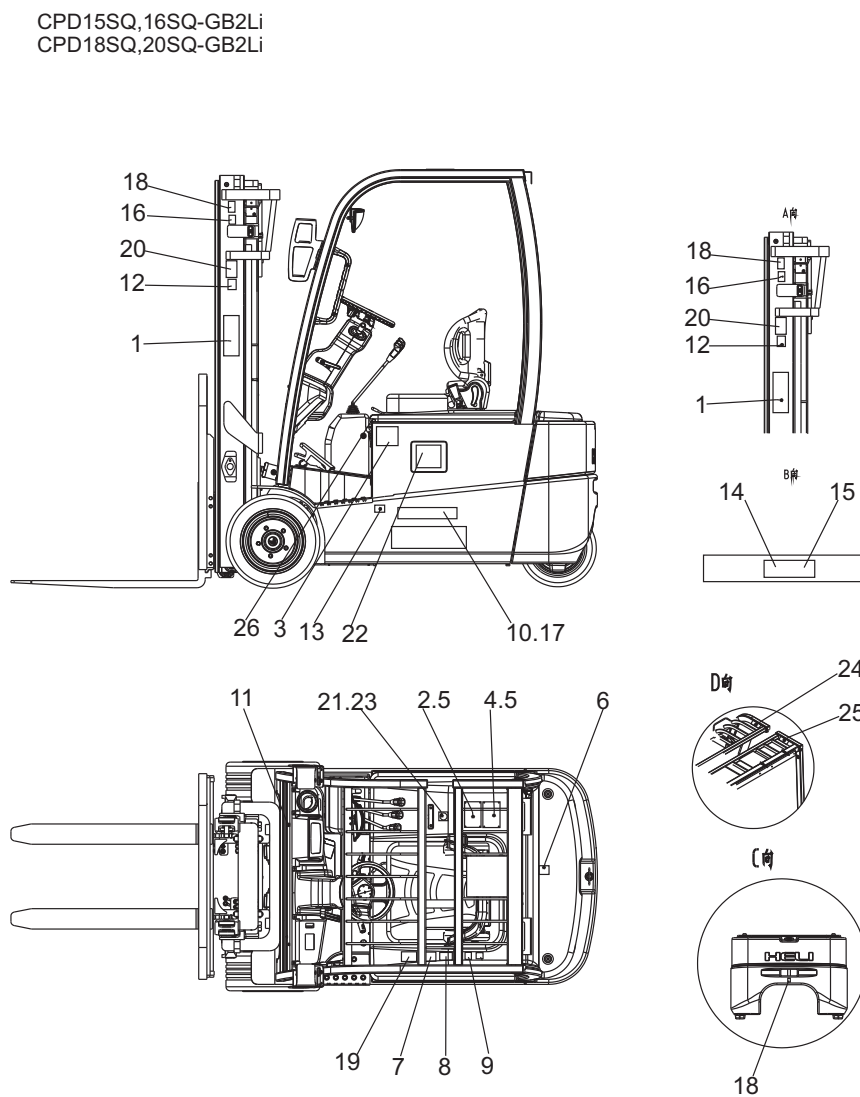


图48/FIG. 48

标牌(国外)/DECAL (EXPORT)

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	HRA67N9101-2	D00	Decal(Export) 标牌(国外)	1	
01	6TY40-00-398	D00	Decal,HELI trademark “HELI” 标牌	2	
02	6TY10-00-195	D01	Decal 门架实际承载能力铭牌	1	
03	6TY40-00-1011	D00	Decal,model 型号标牌	2	1.5t用
-	6TY40-00-464	D00	Decal,model 型号标牌	2	1.6t用
-	6TY40-00-1012	D00	Decal,model 型号标牌	2	1.8t用
-	6TY40-00-1004	D00	Decal,model 型号标牌	2	2.0t用
04	6TY10-01-01	D05	Plate,name 蓄电池平衡重叉车铭牌	1	
05	B2391-04008	00	Rivet 铆钉4X8	8	GB/T12618.3-2006
06	6TY40-34-06	D01	Decal 严禁冲水标牌	1	
07	6TY40-03-12	D01	Decal,operating 使用须知标牌	1	
08	6TY40-20-22	D02	Decal 蓄电池使用注意事项标牌	1	
09	6TY40-30-07	D01	Decal 保养电池注意事项标牌	1	
10	6TY40-105-06	D00	Decal 车身标牌(左)	1	
11	6TY40-02-04	D02	Decal,lubrication chart 润滑系统图标牌	1	
12	6TY40-01-09	D00	Decal,safety mark 安全标志标牌	2	
13	6TY40-05-08	D00	Decal,adding hydraulic oil 加液压油标牌	1	
14	6TY40-14-07	D00	Decal,padlok mast space 禁止进入门架后空间标牌	1	
15	6TY40-15-09	D00	Decal,notice thumb hand 注意伤手标牌	1	
16	6TY40-10-09	D00	Decal,sling 起吊标牌	2	
17	6TY40-105-07	D00	Decal 车身标牌(右)	1	
18	6TY40-17-01	D00	Decal “CE”安全认证 标牌PVC塑料	2	
19	66TY40-12-11	D00	Decal 启动前检查要领标牌	1	
20	6TY40-120-01	D00	Decal 捆绑点标识	3	
21	6TY40-88-03	D00	Decal 急停开关警示标贴	1	
22	6TY40-181-01	D00	Decal 锂电池快充接口标贴	1	
23	6TY40-104-02	00	Decal 紧急断电 开关背景标牌	1	
24	6TY40-01-10	D00	Decal 警示标牌(文字)	1	
25	6TY40-01-11	D00	Decal 警示标牌(图片)	1	
26	6TY40-108-02	D00	Decal 气弹簧安全锁标牌	1	





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