

# EFL203/203S/203P Counterbalance Lift Truck **Parts Manual**

平衡重式叉车  

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零件目录



## **PARTS ORDERING INSTRUCTIONS**

### **HOW TO ORDER**

When you order, supply the part number, quantity, model and serial numbers of your machine. Supplying this information will assure prompt, efficient handling of your order.

Since your dealer carries many parts in stock and maintains up-to-date prices on all parts, he will be able to process your order immediately. If, for some reason, the part is not in stock, he will order it from the factory. In either event, he maintains a current file of service manuals, which give all available parts ordering or technical information.

### **WHERE TO ORDER**

Always order parts from the dealer who sold you your electric forklift . If it is necessary for the dealer to order parts from the factory, he is able to get prompt service for you. Parts are shipped in accordance with shipping instructions given on the order.

### **INSTRUCTIONS FOR RETURNING PARTS**

Under NO CIRCUMSTANCES will parts be accepted at the factory for credit without prior approval . We cannot accept responsibility for parts returned without authorization.

If you have some parts which must be returned, contact your dealer. If he believes parts should be returned, he will arrange for authorization to return the parts.

### **CHANGES**

When changes are made to the machine, revised pages for this manual will be issued. These pages must be inserted in your parts manual as soon as they are received. Failure to keep your parts manuals up to date will result in confusion and may cause you to order wrong parts.

## **PART LIST**

The **Index**, describes the item on the figure you are looking at. The **Part No.** is a numerical description of the item and the part ordering number. The **Part Name** is a description of the part number in alphabetical form. The **No.** is the quantity used on the machine.

**ООО "Эксфорк"**  
**г.Реутов, ул. Транспортная, 2Г**  
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HOW TO READ PARTS MANUAL

怎么读取零件明目录

Tip 1:

A: The part of Index 10 is chosen by different tongue of the same series type.



Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
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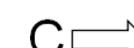
9	0000-000539-00	Flatwasher Φ24 平垫	3		
10	3218-130000-00	Counter Weight 平衡重	1		CPD18TV
10	3220-130000-00	Counter Weight 平衡重	1		CPD20TV
10	3216-130000-00	Counter Weight 平衡重	1		CPD16TV
10	3215-130000-00	Counter Weight 平衡重	1		CPD15TV
10	3213-130000-00	Counter Weight 平衡重	1		CPD13TV
11	1220-150008-00	Screw 螺钉	2		

B: The part of Index 7 is Optional.



KIT	3115-WHK-0A02	Kit for slider 滑块修理包	1		
7	3218-800001-10	Fork 货叉	1		100*40*920
7	3218-800001-20	Fork 货叉	1		100*40*1070
7	3218-800001-30	Fork 货叉	1		100*40*1150
7	3218-800001-40	Fork 货叉	1		100*40*1200
8	3218-800002-00	Pin assembly 提拨销总成	2		

C: The number of Index 40 is chosen by the actual requirements.



39	3218-600006-00	Shock Absorber 减震垫	3		
40	3218-332002-00	Collar 旋转套筒	Req		

D: The part of Index 34 is cancelled because of the design perfect , and there is an new part which is make the use more perfect.



33	3218-330001-A0	Cushion 靠垫	1		
34	01 3218-330005-A0	Switch 指尖微动开关	4		Cancelled
	02 CK11-56003-00	JC100 Switch 拇指开关	4		
35	0000-000277-00	Bolt M8×25 螺栓	2		

E: The part of Index 19 has an Applicability, because it's our policy to constantly improve our products.

E-1: Record by time

- 053011 : Ending on May 30, 2011.  
053011- : Beginning on May 30, 2011.

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
18	0000-000277-00	Bolt M8x25 螺柱	3		
E → 19	01 3218-113000-00	Gas Spring 气弹簧后安装板	1	-053011	
	02 3218-113000-0A	Gas Spring 气弹簧后安装板	1	053011-	
20	3218-110007-00	Shock Absorber 地板减震垫	4		

E-2: Record by serial number

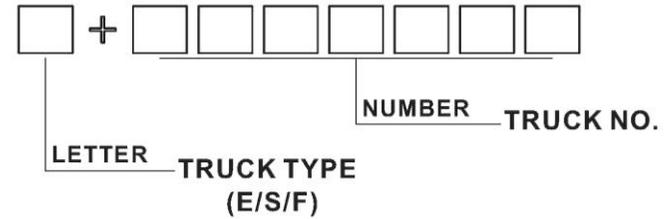
-S2016344 : Ending at S2016344  
S2016345- : Starting at S2016345

F → 7	01	2125-410004-	Cap 导向套	1	-S2016344	
	02	2125-410004-	Cap 导向套	1	S2016345-	
8	0000-000084-	Ring Wiper 防尘圈	1			
9	0000-000370-	O-ring O型密封圈	1			

There are three types of serial number:

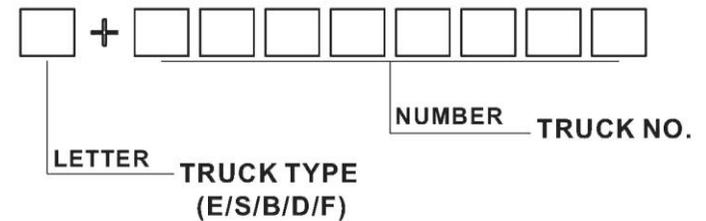
1) 1 (LETTER)+7 (NUMBERS)

Applied Date: Up to February 1, 2015



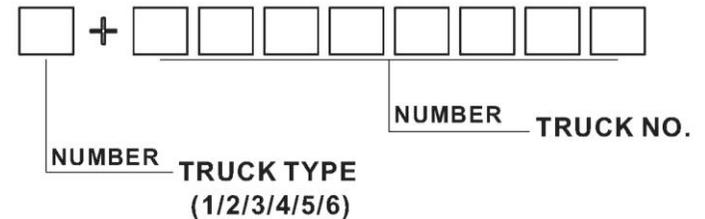
2) 1 (LETTER)+ 8 (NUMBERS)

Applied Date: From February 1, 2015 to June 1, 2015



3) 1 (NUMBER)+ 8 (NUMBERS)

Applied Date: From June 1, 2015



要点 1:

A: 同系车型中，序列 10 根据不同吨位进行选择。

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
9	0000-000539-00	Flatwasher Φ24 平垫	3		
10	3218-130000-00	Counter Weight 平衡重	1		CPD18TV
10	3220-130000-00	Counter Weight 平衡重	1		CPD20TV
10	3216-130000-00	Counter Weight 平衡重	1		CPD16TV
10	3215-130000-00	Counter Weight 平衡重	1		CPD15TV
10	3213-130000-00	Counter Weight 平衡重	1		CPD13TV
11	1220-150008-00	Screw 螺钉	2		

A ⇒

B: 序号 7 表示该零件有几个品种可供您的选择。

KIT	3115-WHK-0A02	Kit for slider 滑块修理包	1		
7	3218-800001-10	Fork 货叉	1		100*40*920
7	3218-800001-20	Fork 货叉	1		100*40*1070
7	3218-800001-30	Fork 货叉	1		100*40*1150
7	3218-800001-40	Fork 货叉	1		100*40*1200
8	3218-800002-00	Pin assembly 提拔销总成	2		

B ⇒

C: 序号 40 表示该零件的数量有实际需求决定。

39	3218-600006-00	Shock Absorber 减震垫	3		
40	3218-332002-00	Collar 旋转套筒	Req		

C ⇒

D: 序号 34 表示由于设计完善要求，取消并由新的零件替换。

33	3218-330001-A0	Cushion 靠垫	1		
34	01 3218-330005-A0	Switch 指尖微动开关	4		Cancelled
	02 CK11-56003-00	JC100 Switch 拇指开关	4		
35	0000-000277-00	Bolt M8×25 螺栓	2		

D ⇒

E: 序号 19 表示该零件有一个适用的时间范围。这是因为我们在不断地进行产品的升级。

E-1: 用时间记录  
 - 053011 :截止到 2011 年 5 月 30 日  
 053011- :起始于 2011 年 5 月 30 日

E-2: 用序列号记录  
 -S2016344 : 截止序列号 S2016344  
 S2016345- : 起始序列号 S2016345

有三种序列号形式:

1)1 (字母) +7 (数字)  
 适用时间: 截止到 2015 年 2 月 1 日

2)1 (字母) + 8 (数字)  
 适用时间: 2015 年 2 月 1 日至 2015 年 6 月 1 日

3)1 (数字) + 8 (数字)  
 适用时间: 2015 年 6 月 1 日至今

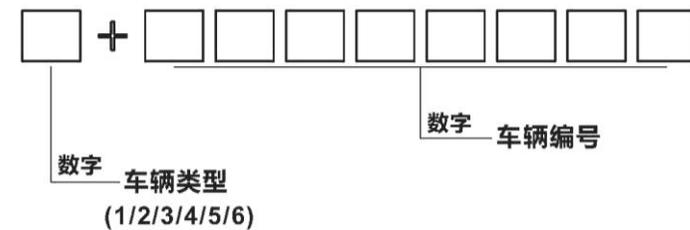
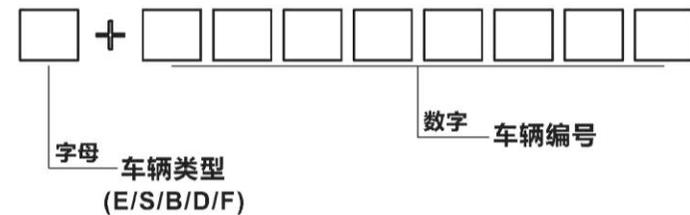
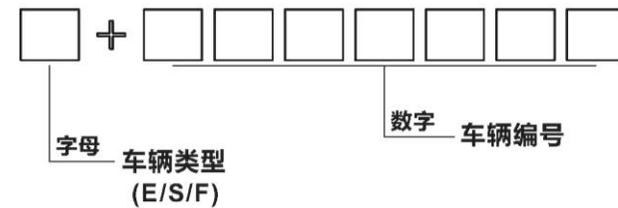
Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
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E →

18		0000-000277-00 Bolt M8×25 螺栓	3		
19	01	3218-113000-00 Gas Spring 气弹簧后安装板	1	-053011	
	02	3218-113000-0A Gas Spring 气弹簧后安装板	1	053011-	
20		3218-110007-00 Shock Absorber 地板减震垫	4		

F →

7	01	2125-410004- Cap 导向套	1	-S2016344	
	02	2125-410004- Cap 导向套	1	S2016345-	
8		0000-000084- Ring Wiper 防尘圈	1		
9		0000-000370- O-ring O型密封圈	1		



Tip 2

A: Section 0102 is the original version.

B: Section 010201 is the version that some parts in the Section 0102 have been changed.

C: Section 010202 is the version that some parts in the Section 010201 have been changed.

When you order, Please locate specific parts information of your truck by the Applied Date of parts in each version.

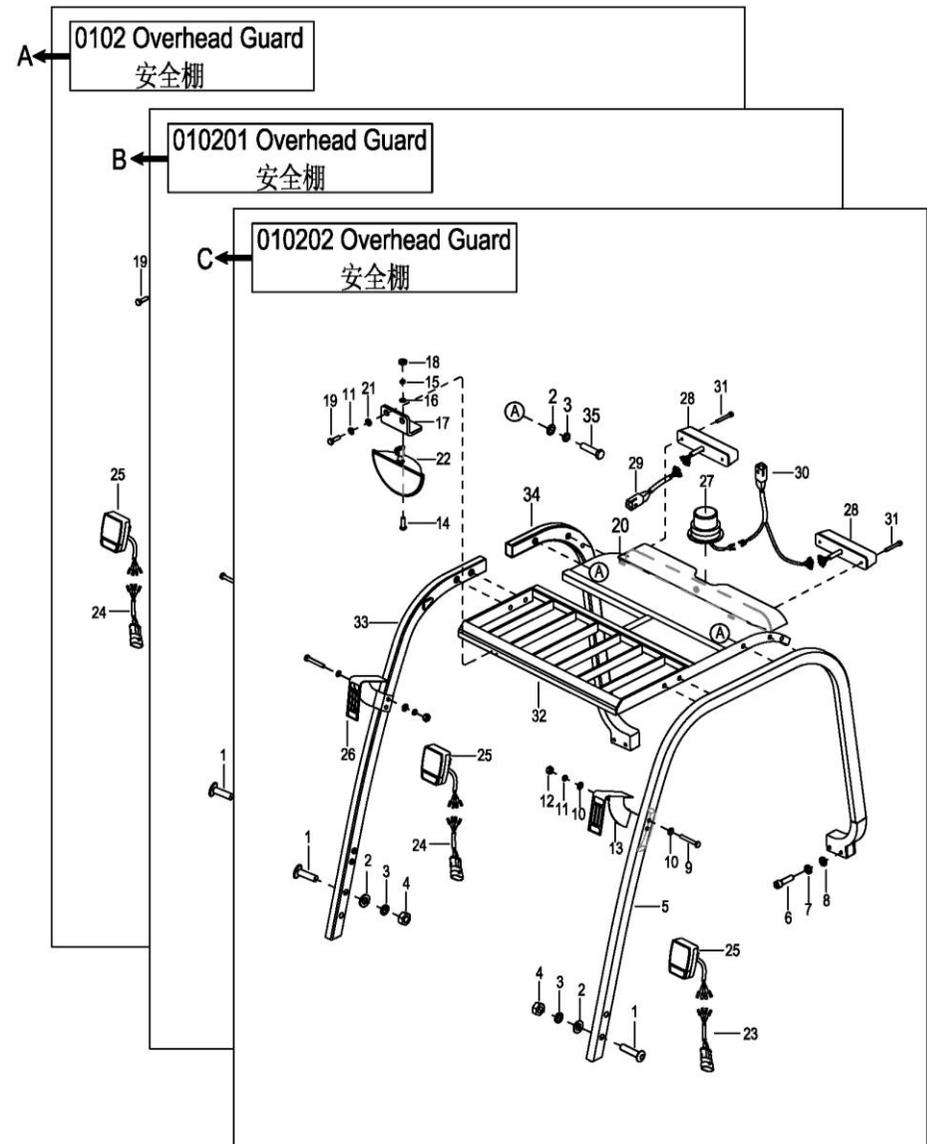
要点 2

A: 章节 0102 表示原始版本;

B: 章节 010201 表示在原始版本 (章节 0102) 上零件有所变更;

C: 章节 010202 表示在变更版本 (章节 010201) 上零件有所变更。

当您订购零件时, 请根据每个版本中零件的适用时间来判断您所选购车型的零件信息。



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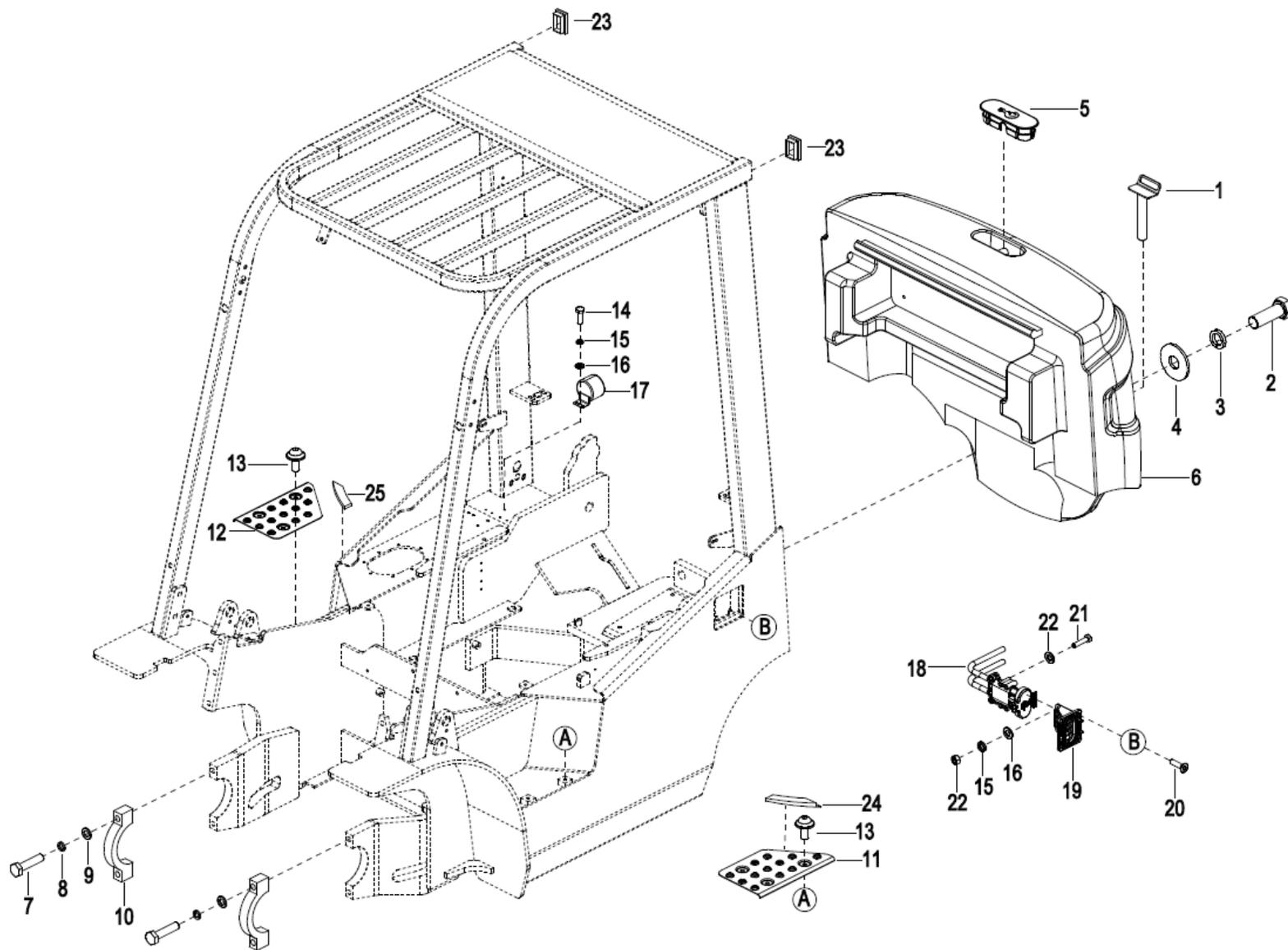
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**1000**  
**Frame System**  
车身系统

0101 Frame System

车身系统



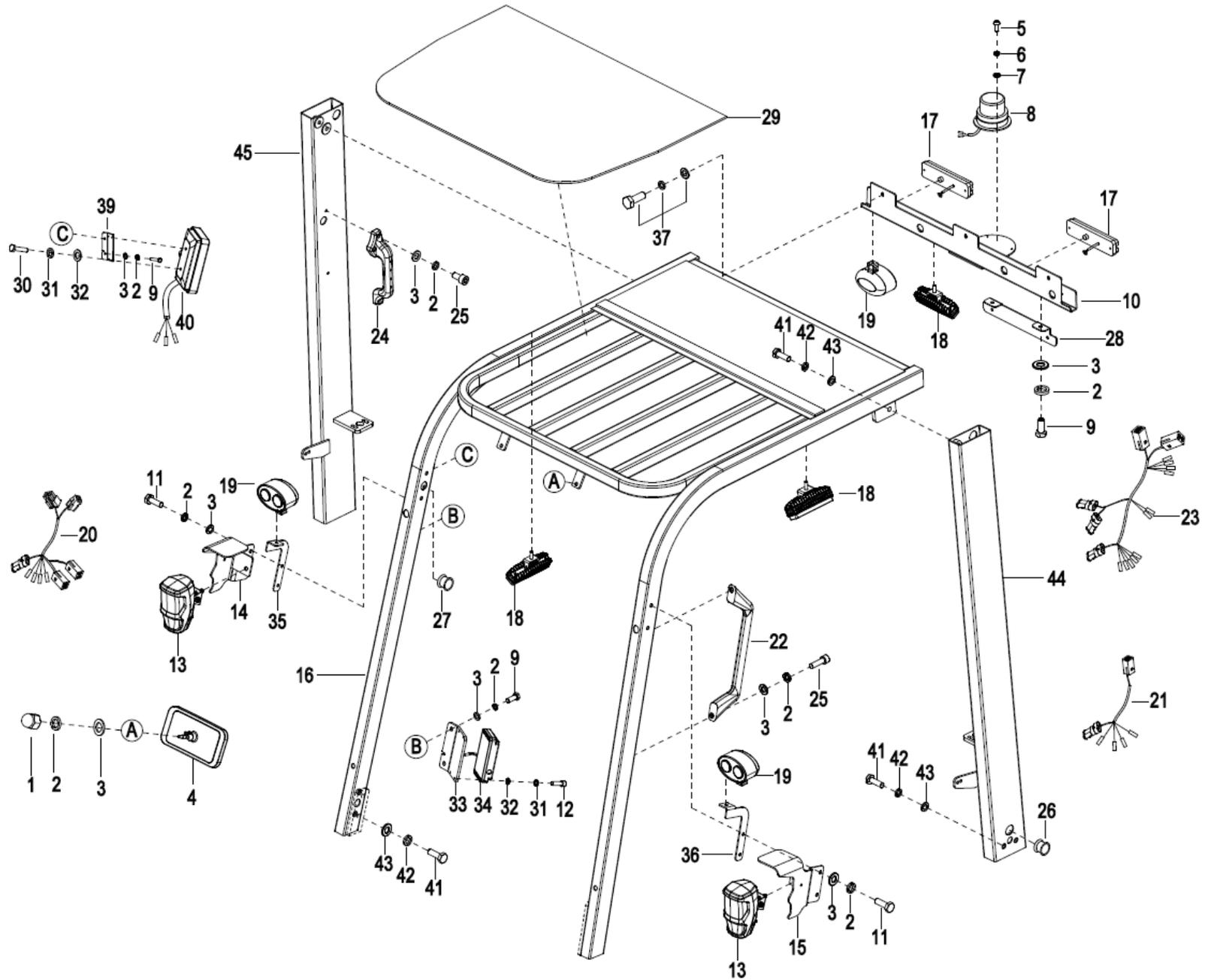
## 0101 Frame System

## 车身系统

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3132-170000-J0	Traction pins 牵引销	1		
2	301000000463	Bolt M30*2*120 螺栓	2		
3	304000000092	Lockwasher ø30 标准弹簧垫圈	2		
4	3127-100004-00	Washer 垫片	2		
5	3125-100009-00	Lifting hole cover 起吊孔盖	1		
6	3127-100003-D0	Counterweight 配重	1		
7	301003000015	Bolt M16*1.5*75 六角头螺栓细牙	4		
8	304000000055	Lockwasher ø16 标准弹簧垫圈	4		
9	304000000044	Flatwasher ø16 平垫圈	4		
10	3127-100001-00	Bracket 驱动桥支承轴承盖	2		
11	7331-500036-00	Pedal R 右踏板	1		
12	7331-500019-00	Pedal L 左踏板	1		
13	301000000504	Bolt M8*16 六角头螺栓全螺纹	6		
14	301000000090	Bolt M6*16 螺栓	2		
15	304000000050	Lockwasher ø6 标准弹簧垫圈	5		
16	304000000036	Flatwasher ø6 平垫圈	5		
17	3218-600700-00	Alarm buzzer 蜂鸣器	1		
18	3127-621000-D0	Power cable assemblies 电源电缆组件	1		
19	3230-610100-00	Charge protector 充电保护座	1		
20	302003000012	Screw M6*12 螺钉	4		
21	301002000011	Blot M6*50 螺栓	4		
22	303001000004	Nut M6 螺母	4		
23	3112-100041-00	Square pipe plug cover 方管堵盖	2		
24	7331-500022-00	Left rubber pad 左橡胶垫板	1		
25	7331-500025-00	Right rubber pad 右橡胶垫板	1		

0102 Overhead Guard

安全棚



## 0102 Overhead Guard

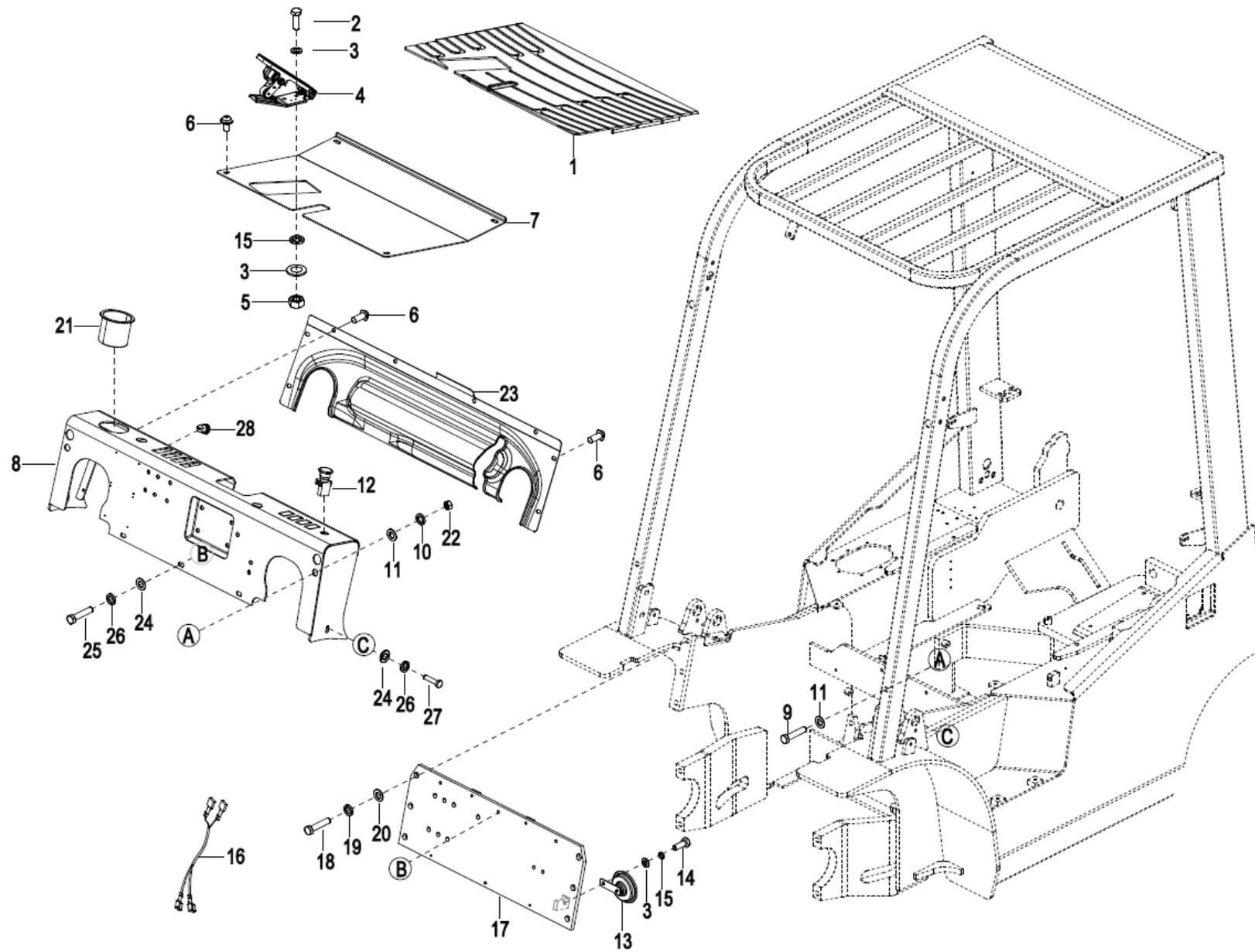
## 安全棚

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	303013000003	Nut M8 盖形螺母	2		
2	304000000164	Lockwasher ø8 标准弹簧垫圈	15		
3	304000000160	Flatwasher ø8 平垫圈	15		
4	3120-101000-00	Viewfinder 反光镜	2		Optional
5	302004000027	Screw M4*12 十字槽盘头螺钉	3		
6	304000000048	Lockwasher ø4 标准弹簧垫圈	3		
7	304000000038	Flatwasher ø4 平垫圈	3		
8	3218-600400-00	Warning Light 警示灯	1		
9	301000000504	Bolt M8*16 六角头螺栓全螺纹	6		
10	3127-160000-00	Mounting bracket 后灯安装架	1		
11	301000000505	Bolt M8*20 六角头螺栓全螺纹	4		
12	302000000617	Screw M5*12 螺钉	4		
13	3232-601000-00	Front LED lights 前 LED 组合灯	2		
14	3127-150000-C0	Lamp Block R 右前大灯罩	1		
15	3127-140000-C0	Lamp Block L 左前大灯罩	1		
16	3132-120000-M0	Safety shed canopy 安全棚顶棚	1		
17	3130-680200-10	Tri-color combination lamp 三色组合灯	2		
18	3316-971100-00	Red Light 红光灯	3		Optional
19	3316-971002-00	Blue light 蓝光灯	3		Optional
20	3127-610003-C0	Headlight right harness 前灯右线束	1		
21	3127-610002-C0	Headlight left harness 前灯左线束	1		
22	3132-100012-J0	Armrest 扶手	1		
23	3127-610004-C0	Tail light harness 尾灯线束	1		
24	3218-600009-00	Horn switch armrest 喇叭开关扶手	1		
25	302000000559	Screw M8*16 内六角圆柱头螺钉	4		
26	3525-120003-00	Viewfinder 出线圈	2		
27	3525-120002-00	Viewfinder 出线圈	1		

28	7330-500005-00	Bracket	牌照框	1		
29	3127-100009-00	Roof glass	顶棚玻璃	1		
30	301002000002	Bolt M5*16	六角头螺栓全螺纹	2		
31	304000000162	Lockwasher ø5	标准弹簧垫圈	6		
32	304000000170	Flatwasher ø5	平垫圈	6		
33	3127-100013-00	Mounting plate	刷卡器安装板	1		Optional
34	2YL081005500	Card reader	刷卡器	1		Optional
35	3132-122003-00	Right bracket	右侧蓝光灯支架	1		
36	3132-122002-00	Left bracket	左侧蓝光灯支架	1		
37	202800000220	Combination screws M6*12	外六角圆柱头组合螺钉	3		
39	3132-100010-J0	Instrument mounting plat	仪表安装板	1		
40	2YL092000000	Meter	仪表	1		
41	301000000555	Bolt M12*40	螺栓	12		
42	304000000172	Lockwasher ø12	标准弹簧垫圈	12		
43	304000000175	Flatwasher ø12	平垫圈	12		
44	3132-130000-M0	Left hind leg	左后腿总成	1		
45	3132-140000-M0	Right hind leg	右后腿总成	1		

0103 Front Cover

前外罩



## 0103 Front Cover

## 前外罩

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3132-200001-M0	Rubber mats 前地板橡胶垫	1		
2	301000000372	Bolt M8*20 六角头螺栓全螺纹	2		
3	304000000105	Flatwasher ø8 平垫圈	5		
4	3218-680000-10	Accelerator 加速器	1		
5	303022000004	Nut M8 螺母	2		
6	302000000189	Screw M8*16 内六角平圆头凸缘螺钉	12		
7	3132-240000-M0	Front floor welds 前地板焊件	1		
8	3132-160000-M0	Instrument frame welds 仪表架焊件	1		
9	301000000109	Bolt M12*80 六角头螺栓全螺纹	2		
10	304000000172	Lockwasher ø12 标准弹簧垫圈	2		
11	304000000171	Flatwasher ø12 大垫圈	4		
12	3218-604000-00	Emergency stop switch 急停开关	1		
13	3218-600500-00	Speaker 喇叭	1		
14	301000000504	Bolt M8*16 六角头螺栓全螺纹	1		
15	304000000164	Lockwasher ø8 标准弹簧垫圈	3		
16	3312-730004-00	Forklift Horn Filter Harness 叉车喇叭滤波器线束	1		
17	3132-150000-M0	Front panel 前围板	1		
18	301002000054	Bolt M16*35 螺栓	6		
19	304000000173	Lockwasher ø16 标准弹簧垫圈	6		
20	304000000176	Flatwasher ø16 大垫圈	6		
21	7331-550004-00	Box 储物盒	1		
22	303001000007	Nut M12 1型六角螺母	2		
23	3132-100007-M0	Front guard 前护板	1		
24	304000000161	Flatwasher ø10 平垫圈	7		
25	301002000026	Bolt M10*20 六角头螺栓全螺纹	3		
26	304000000165	Lockwasher ø10 标准弹簧垫圈	5		
27	301000000099	Bolt M10*25 六角头螺栓全螺纹	2		

28		1261-500002-00	Power connector	电源接口	1		
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## 0104 Back Cover

## 后外罩

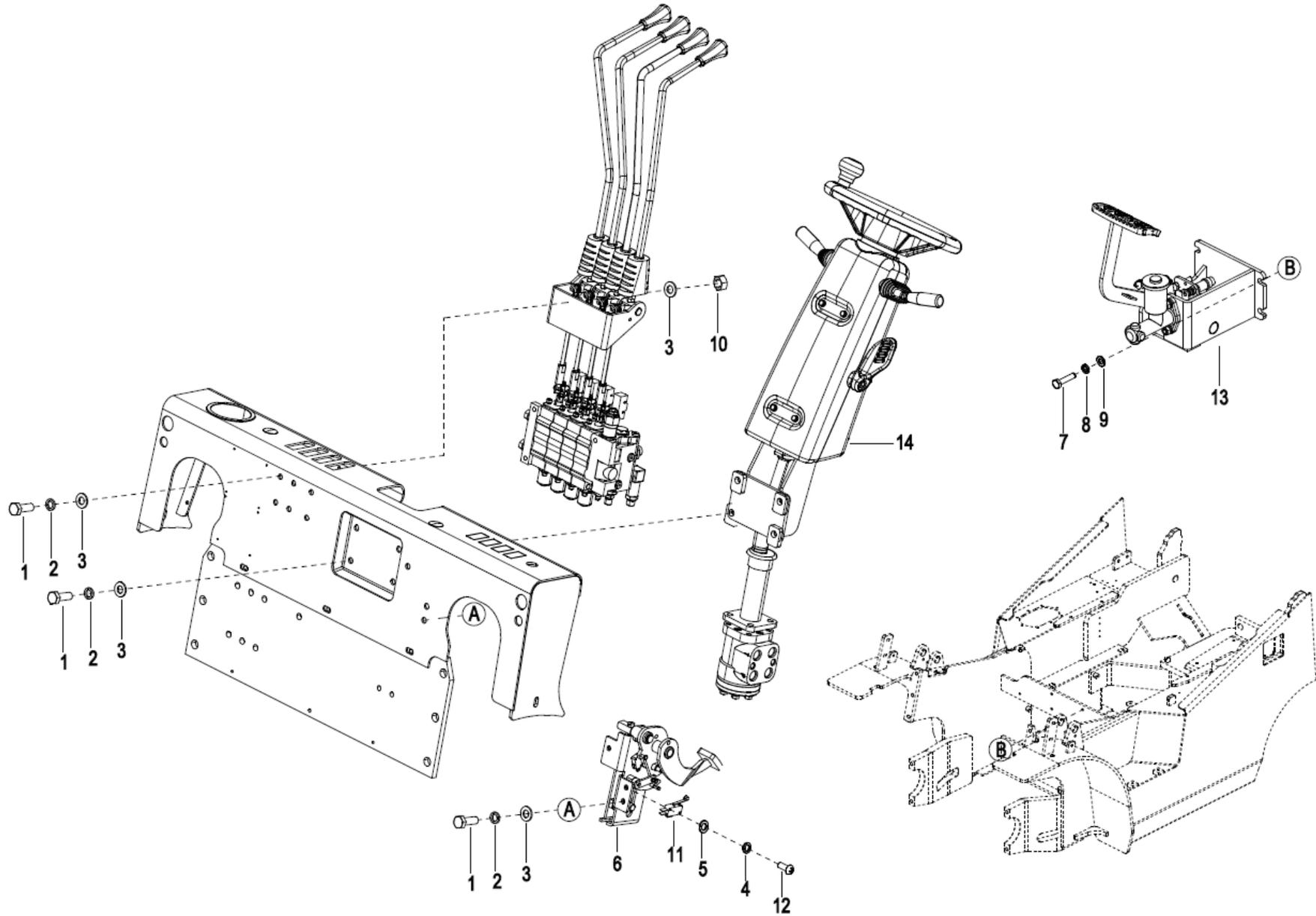
Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3127-200002-D0	Cover 机罩后盖板	1		
2	3132-212001-00	Seat belt 安全带	1		YL03.1103,YL03.1107,16TA30013,16TA30004
2	3218-212001-10	Seat belt 安全带	1		16TA30041,16TA30046
2	3218-215010-10	Seat belt 安全带	1		For 2023 New CE
3	3132-212000-00	Seat 座椅	1		YL03.1103
3	3132-214000-00	Seat 座椅	1		YL03.1107
3	3132-215000-00	Seat 座椅	1		ZY-033BJ
3	3218-212000-00	Seat 座椅	1		16TA30013
3	3218-212000-10	Seat 座椅	1		16TA30041
3	3218-212000-20	Seat 座椅	1		16TA30046
3	7845-525001-00	Seat 座椅	1		16TA30004
3	7830-500082-S0	Seat 座椅	1		16TA30055
3	7830-500083-S0	Seat 座椅	1		16TA30056
3	7830-500084-S0	Seat 座椅	1		16TA30041-1
3	3218-215000-10	Seat 座椅	1		BGD-23-001252,For 2023CE
4	3132-212002-00	Seat Switch 座椅开关	1		YL03.1103,YL03.1107,16TA30013,16TA30004
4	3125-670200-00	Seat Switch 座椅开关	1		16TA30041,16TA30046
4	3218-215020-10	Seat Switch 座椅开关	1		For 2023 New CE
5	304000000157	Washer $\varnothing 8$ 大垫圈 A 级	6		
6	303022000004	Nut M8 螺母	4		
7	3525-200003-00	Bolt 螺栓	2		
8	3132-210000-M0	Cover 机罩	1		
9	7830-500040-S0	Gas springs 气弹簧	1		
9	7830-500062-S0	Gas springs 气弹簧	1		
10	7830-540019-S0	Hinge assembly 铰链总成	2		
11	3525-120002-00	Viewfinder 出线圈	1		
12	304000000143	Washer $\varnothing 10 \times 45$ 大垫圈 A 级	2		

13	301002000016	Bolt M8*30	螺栓	2		
14	7331-500300-00	Bracket	锁钩固定轴总成	1		
15	301000000620	Bolt M8*45	螺栓	1		
16	304000000160	Flatwasher ø8	平垫圈	4		
17	304000000164	Lockwasher ø8	标准弹簧垫圈	4		
18	301000000504	Bolt M8*16	螺栓	2		
19	3113-360000-00	Lock assembly	机罩锁组件	1		
20	301002000014	Bolt M8*20	螺栓	2		
21	3231-251001-00	Bracket	扶手安装板	1		
22	3231-252000-00	Operating Armrest Assembly	操纵扶手总成	1		Option,For Solenoid valves

**2000**  
**Steering Control System**  
操作系统

0201 Steering Control System

操作系统



## 0201 Steering Control System

操作系统

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	301000000514	Blot M10*30 螺栓	11		
2	304000000165	Lockwasher ø10 标准弹簧垫圈	11		
3	304000000161	Flatwasher ø10 平垫圈	16		
4	304000000047	Lockwasher ø3 标准弹簧垫圈	2		
5	304000000037	Flatwasher ø3 平垫圈	2		
6	3132-310000-J0	Foot parking assembly 脚驻车总成	1		
7	301000000099	Blot M10*25 螺栓	4		
8	304000000053	Lockwasher ø10 弹垫	4		
9	304000000106	Flatwasher ø10 平垫	4		
10	303022000013	Nut M10 螺母	2		
11	3131-601000-00	Micro-switch 脚驻车微动开关	1		
12	302004000004	Screw M3*16 十字螺钉	2		
13	3132-320000-J0	Foot brake assembly 脚刹总成	1		
14	3112-321000-10	Steering column assembly 转向管柱组件	1		

0202 Parking Brake

脚刹总成

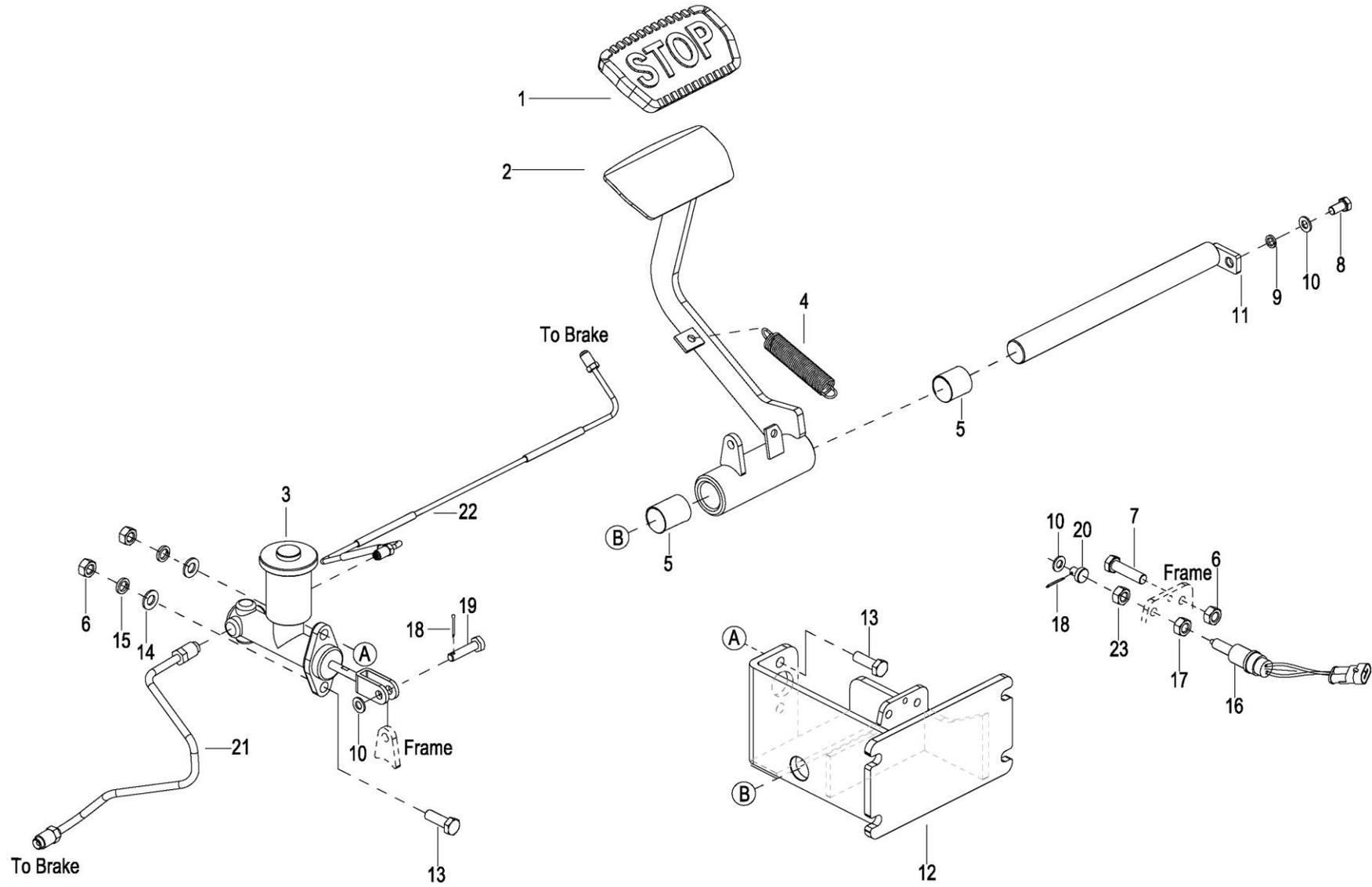


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## 0202 Parking Brake

## 脚刹总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3132-320001-J0	Foot brake pedal 脚制动踏板	1		
2	3132-322000-J0	Brake pedal weldments 制动踏杆焊件	1		
3	7331-610022-00	Brake pump assembly 制动泵总成	1		
4	7331-610032-00	Pull spring 拉簧	1		
5	202800000171	Foot brake sleeve 脚制动轴套	2		
6	303001000006	Nut M10 螺母	3		
7	301002000030	Bolt M10*40 螺栓	1		
8	301000000504	Bolt M8*16 螺栓	1		
9	304000000164	Lockwasher ø8 标准弹簧垫圈	1		
10	304000000160	Flatwasher ø8 平垫圈	2		
11	7331-610025-00	Shaft assembly 轴总成	1		
12	3132-321000-H0	Foot brake solder 脚刹座焊件	1		
13	301002000028	Blot M10*30 螺栓	2		
14	304000000035	Flatwasher ø10 平垫圈	2		
15	304003000006	Lockwasher ø10 弹垫	2		
16	7331-800100-00	Brake light switch 制动灯开关	1		
17	303000000062	Nut M10 螺母	2		
18	307001000002	Pin ø2*20 开口销	2		
19	307006000003	Pin shaft ø8*25 销轴	1		
20	7331-610029-00	Cushion 缓冲垫	1		
21	3127-321000-00	Left pipe 左制动钢管总成	1		
22	3127-322000-00	Right pipe 右制动钢管总成	1		

0203 Steering Assembly

转向柱总成

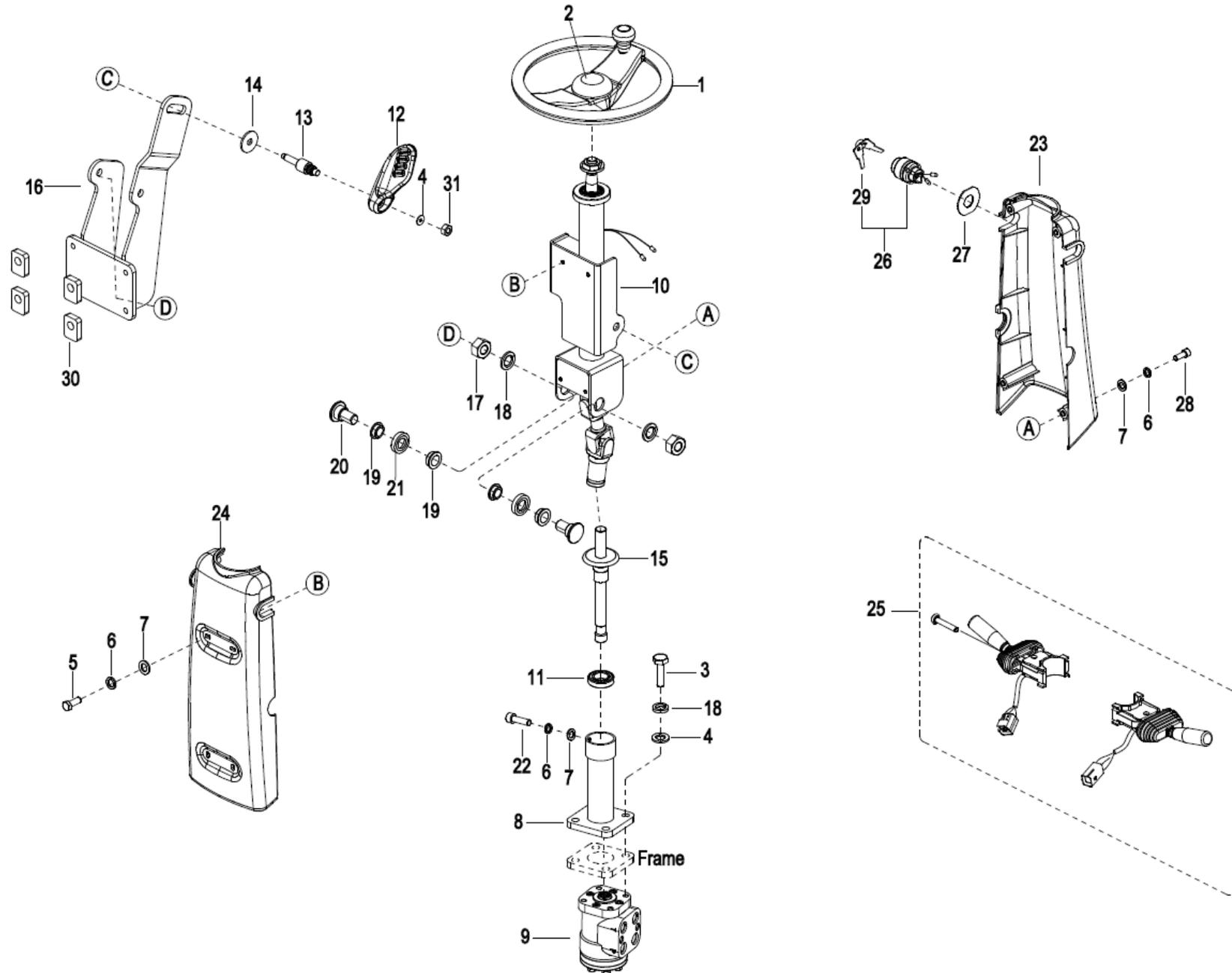


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## 0203 Steering Assembly

## 转向柱总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3218-323000-10	Steering Wheel 方向盘	1		Including #2
2	3218-323030-10	Horn hood 喇叭盖	1		
3	301000000515	Bolt M10*40 螺栓	4		
4	304000000035	Flatwasher ø10 平垫	5		
5	301002000003	Bolt M6*12 螺栓	4		
6	304003000004	Lockwasher ø6 弹垫	13		
7	304002000004	Flatwasher ø6 平垫	13		
8	3623-311000-00	Redirector Bracket 转向器安装板组件	1		
9	3623-760000-00	Redirector 转向器	1		
10	3112-321000-10	Steering Column 转向管柱总成	1		
11	309001000012	Bearing 61905-2Z 轴承	1		
12	3218-320008-10	Right Handle 右手柄	1		
13	3218-320005-0A	Axis II 锁紧轴 II	1		
14	3218-320015-0B	Washer 锁紧螺栓垫片	1		
15	3218-325000-00	Pin shaft 销轴	1		
16	3112-322000-10	Steering bracket 转向管柱安装板	1		
17	303001000007	Nut M12 螺母	2		
18	304000000051	Lockwasher ø12 弹垫	2		
19	3218-320013-00	Steering bush 转向柱旋转衬套	4		
20	3218-320014-0A	Steering bolt 转向柱旋转螺栓	2		
21	3218-320007-00	Steering washer 转向柱旋转垫圈	2		
22	302001000107	Screw M6*12 螺钉	1		
23	3112-320002-10	Cover, back 方向柱后罩	1		
24	3112-320001-10	Cover, front 方向柱前罩	1		
25	3218-600900-00	Switch 组合开关	1		
26	3112-603000-10	Key lock 钥匙开关组件	1		
27	3112-320005-20	Plate 钥匙安装板	1		

28	302001000020	Screw M6*35	螺钉	4		
29	3112-60301X-10	Key	钥匙	1		
30	3218-600006-00	Rubber washer	减震垫	4		
31	303019000007	Nut M10	螺母	1		

0204 Operating Armrest Assembly

操纵扶手总成

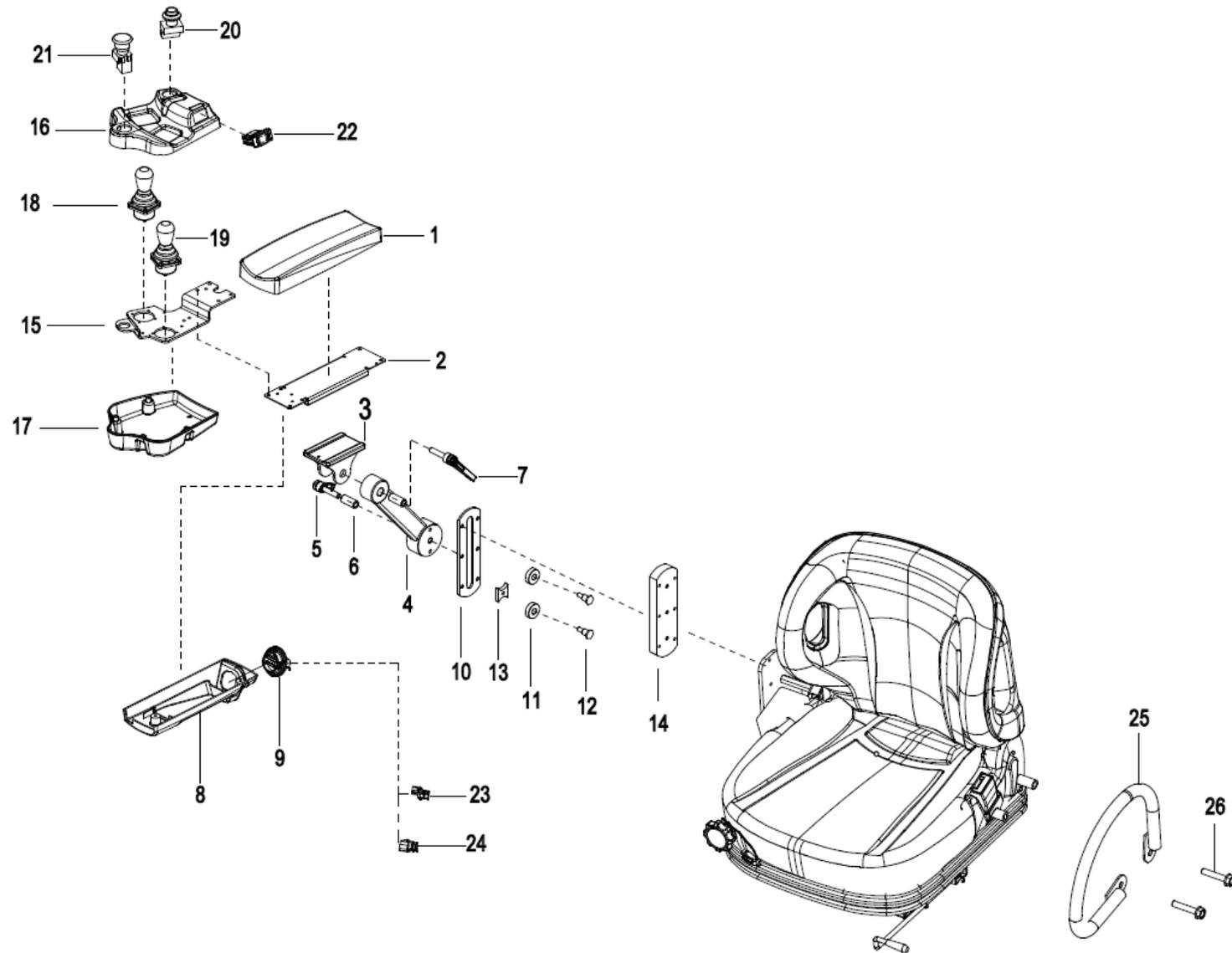


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## 0204 Operating Armrest Assembly

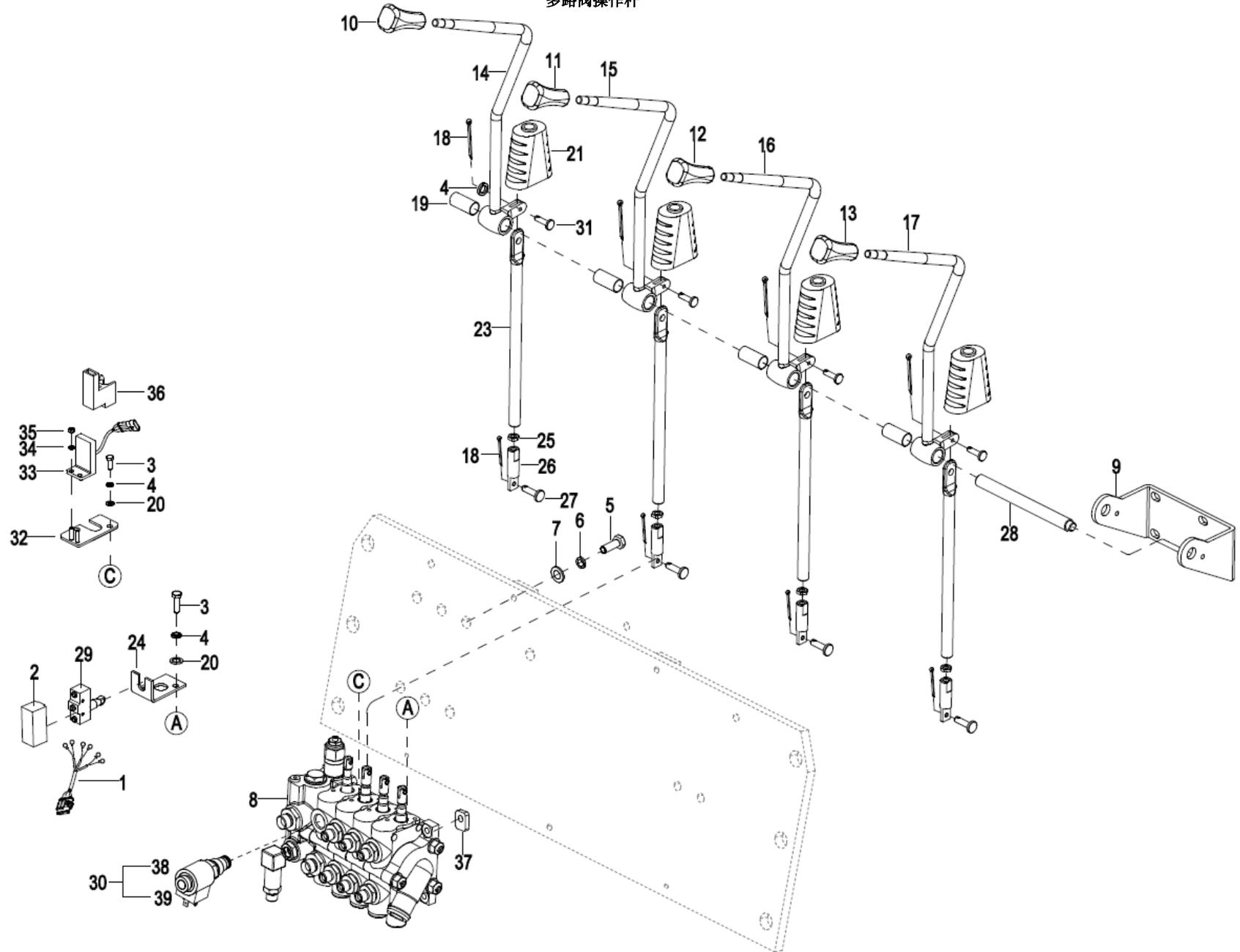
## 操纵扶手总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
0	3231-252000-00	Operating Armrest Assembly 操纵扶手总成	1		
1	3231-252500-00	Armrest 靠垫	1		
2	3231-252106-00	Install the guide plate 安装导槽板	1		
3	3231-252600-00	Swivel seat weldment 旋转座焊件	1		
4	3231-252300-00	Support bar 支撑杆	1		
5	3231-252114-00	Locking handle 锁紧手柄	1		
6	3231-252111-00	Cannula 套管	2		
7	3231-252113-00	Locking handle 锁紧手柄	1		
8	3231-252201-00	Cover 扶手下罩	1		
9	3231-620005-00	Operating armrest harness 操作扶手线束	1		
10	3231-252108-00	Guide plate 导槽盖板	1		
11	309001000046	Bearing 深沟球轴承	2		
12	3231-252109-00	Screw 固定螺钉	2		
13	3231-252110-00	Lock piece 锁片	1		
14	3231-252107-00	Guide plate 导槽板	1		
15	3231-252101-00	Bracket 电磁阀手柄安装板	1		
16	3231-252103-00	Panel top cover 面板上罩	1		
17	3231-252104-00	Panel under cover 面板下罩	1		
18	3231-252400-00	Four rocker 四向摇杆(升降前后倾)	1		
19	3231-252400-00	Four rocker 四向摇杆(侧移属具)	1		
20	3712-401000-00	Horn 喇叭开关	1		
21	1113-500012-E2	Fetch-up switch 急停开关	1		
22	3231-600500-10	Forward and backward switch 前进后退开关	1		
23	3231-600005-00	Connector up protective case 接插件保护套上	1		

24	3231-600006-00	Connector under protective case	接插件保护套下	1		
25	3218-212100-00	Seat left armrest	座椅左扶手	1		
26	302001000053	Screw M5*12	螺钉	2		

# 0205 Valve Control Linkage

多路阀操作杆



## 0205 Valve Control Linkage

## 多路阀操作杆

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3218-628000-00	Switch harness 泵开关线束 2 联	1		For Two-way control valve
1	3218-627000-00	Switch harness 泵开关线束 3 联	1		For Three-way control valve
1	3218-629000-00	Switch harness 泵开关线束 4 联	1		For Four-way control valve
2	3218-605001-00	Rubber cover 橡胶套	Req.		
3	301000000026	Bolt M6*16 螺栓	Req.		
4	304000000050	Lockwasher ø6 弹垫	Req.		
5	301002000029	Bolt M10*35 螺栓	2		
6	304000000053	Lockwasher ø10 弹垫	3		
7	304000000035	Flatwasher ø10 平垫	3		
8	3132-660001-J0	Control valve assembly,2-spool 二联多路阀	1		For Two-way control valve,Option
8	3132-660002-J0	Control valve assembly,3-spool 三联多路阀	1		For Three-way control valve,Option
8	3132-660003-J0	Control valve assembly,4-spool 四联多路阀	1		For Four-way control valve,Option
9	7331-641002-00	Bracket 2 二联多路阀固定板	1		For Two-way control valve
9	7331-641003-00	Bracket 3 三联多路阀固定板	1		For Three-way control valve
9	7331-641004-00	Bracket 4 四联多路阀固定板	1		For Four-way control valve
10	3218-330006-00	Handle 起升手柄	1		
11	3218-330007-00	Handle 倾斜手柄	1		
12	3218-330008-00	Handle 侧移手柄	1		
13	3218-330009-00	Handle 属具手柄	1		
14	3132-331000-J0	Control lever,lifting 一联杆	1		
15	3132-330000-J0	Control lever,tilt 二联杆	1		
16	3132-330000-J1	Control lever,sway 三联杆	1		
17	3132-330000-J2	Control lever,attachment 四联杆	1.		
18	307000000054	Pin ø1.5*20 开口销	Req.		
19	7331-64001X-00	Collar 旋转套筒	Req.		
20	304000000036	Flatwasher ø6 平垫	Req.		
21	7331-642001-00	Rippled cover 防尘套	Req.		

22	307006000001	Pin shaft	销轴	Req.		
23	3132-330001-J0	Rod-control valve	多路阀挺杆	Req.		
24	3218-337001-00	Bracket	微动开关安装板	Req.		
25	303001000005	Nut M8	螺母	Req.		
26	7331-640003-02	Joint	连接叉	Req.		
27	307006000001	Pin ø4.7*18	销轴	Req.		
28	7331-640006-02	Connecting rod,2-spool	操作手柄连接杆	1		EP20230530
28	7331-640006-03	Connecting rod,3-spool	操作手柄连接杆	1		EP20230530
28	7331-640006-04	Connecting rod,4-spool	操作手柄连接杆	1		EP20230530
29	3218-605000-00	Switch	微动开关	Req.		
30	3132-66000X-J0	Solenoid valve	电磁阀	1		Option
31	301002000003	Bolt M6*12	螺栓	4		
32	3112-606000-00	Bracket	固定板组件	1		
33	3112-604000-00	Proportional potentiometer	比例电位器	1		
34	304003000002	Lockwasher ø4	弹垫	1		
35	303001000002	Nut M4	螺母	1		
36	3112-608000-00	Magnet buckle	一联磁铁卡扣	1		
37	3218-600006-00	Rubber washer	减震垫	3		
38	3132-66001X-J0	OPS valve spool	OPS 阀芯	1		
39	3132-66002X-J0	OPS coil	OPS 电磁阀线圈	1		

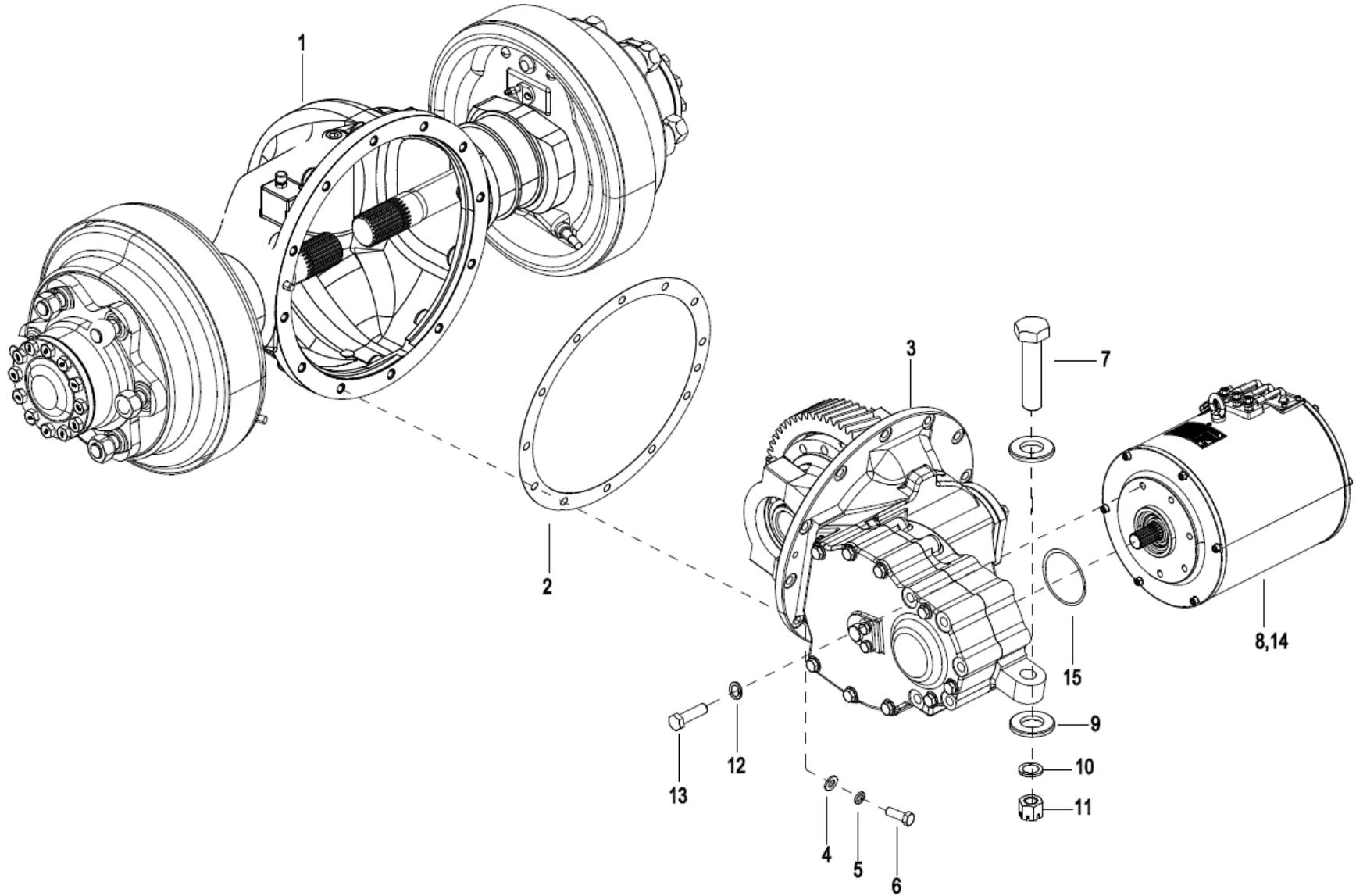
**3000**

**Driving System**

驱动系统

0301 Drive system

驱动系统



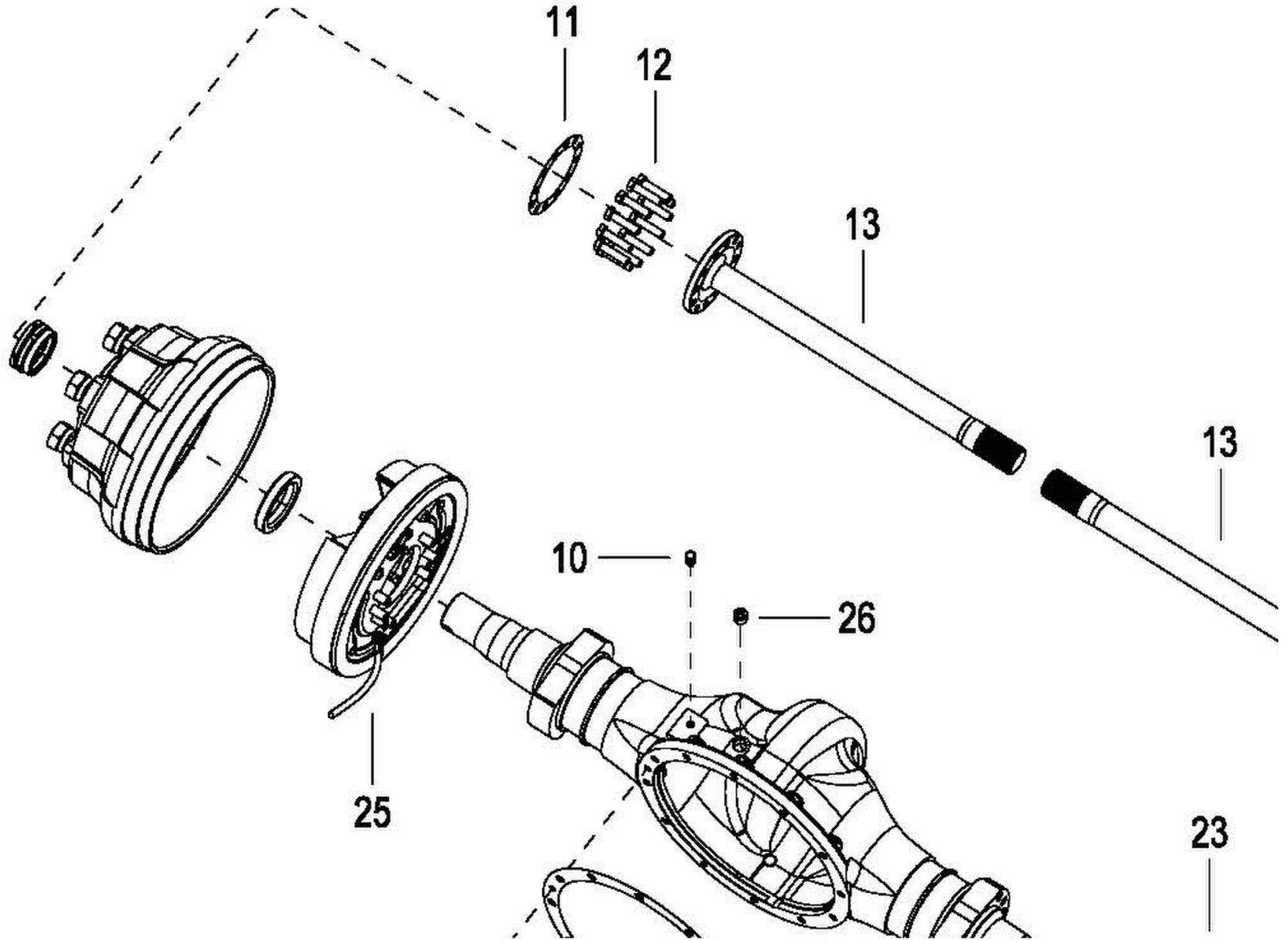
## 0301 Driving System

## 驱动系统

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	7825-201000-S0	Drive axle assembly 驱动桥总成	1		
2	7830-201001-S0	Gasket 驱动桥密封垫	1		
3	3132-420000-00	Gearbox assembly 减速箱总成	1		For EFL203
3	3127-420000-C0	Gearbox assembly 减速箱总成	1		For EFL203S/EFL203P
4	304000000175	Flatwasher ø12 平垫圈	13		
5	304000000172	Lockwasher ø12 标准弹簧垫圈	13		
6	301004000008	Bolt M12*1.25*35 螺栓	13		
7	301002000066	Bolt M20*90 螺栓	1		
8	3132-650000-10	Traction motor 驱动电机	1		For EFL203
8	3132-650000-K0	Traction motor 驱动电机	1		For EFL203S/EFL203P
9	304000000045	Flatwasher ø20 平垫圈	2		
10	304000000057	Lockwasher ø20 标准弹簧垫圈	1		
11	303000000160	Nut M20 锁紧螺母	1		
12	304000000054	Lockwasher ø14 标准弹簧垫圈	5		
13	301000000467	Bolt M14*1.5*155 螺栓	5		
14	3132-65001X-10	Encoder 编码器	1		For EFL203
14	3132-65001X-K0	Encoder 编码器	1		For EFL203S/EFL203P
15	306000000145	O-Ring ø87.5*3.55 O型圈	1		

0302 Drive Axle Assembly

驱动桥总成



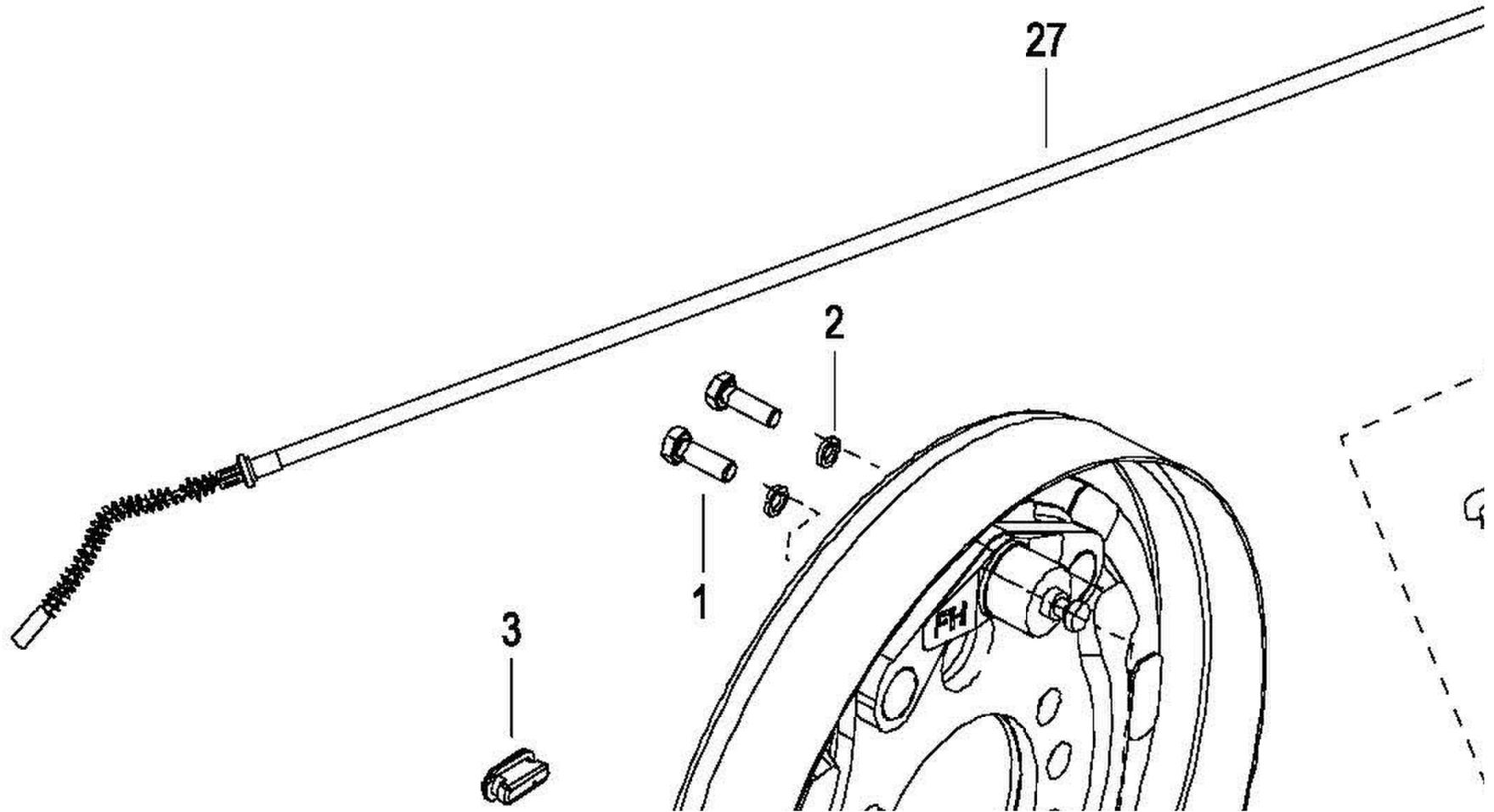
## 0302 Drive Axle Assembly

## 驱动桥总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	7830-20101X-S0	Sealing ring $\phi 60 \times 75 \times 12$ 油封挡圈1	2		
2	7830-20102X-S0	Axle body 桥壳	1		
3	7830-20103X-S0	Gasket 主减安装垫	1		
4	7825-20104X-S0	Nut M20*1.5 轮毂螺母	12		
5	7810-21206X-W0	Bolt M20*1.5*85 轮毂螺栓	12		
6	7830-20106X-S0	Hub 轮毂	2		
7	7830-20107X-S0	Brake hub 制动毂	2		
8	7830-20108X-S0	Sealing ring $\phi 72 \times 100 \times 16$ 油封挡圈	2		
9	3131-410006-00	Bolt M14*1.5*38(20) 制动器铰制螺栓	4		
10	3112-410003-00	Plug NPT1/8 通气塞	1		
11	7830-20111X-S0	Gasket 半轴垫	2		
12	7845-20711X-S0	Bolt M12*1.25*50(28) 半轴螺栓	24		
13	7830-20113X-S0	Axle shaft 半轴	2		
14	7830-20114X-S0	Nut M60*2*10 小圆螺母	4		
15	7830-20115X-S0	Thrust ring $\phi 60$ 圆螺母止动垫圈	2		
16	7830-20116X-S0	O-ring $\phi 60 \times 3.55$ O形圈	2		
17	3112-410008-00	Sealing ring FB75*100*10 旋转轴唇形密封圈	2		
18	3112-41016X-00	Bearing 圆锥滚子轴承	2		
19	7810-21212X-W0	Nut M20*1.5 1型六角螺母 细牙	12		
20	7830-20120X-S0	Bearing 30214E 圆锥滚子轴承	2		
21	7830-20121X-S0	Sealing ring FB100*130*12 旋转轴唇形密封圈	2		
22	3131-410019-00	Bolt M14*1.5*35 制动器螺栓	12		
23	3131-411000-00	Brake assembly R 制动器总成(右)	1		
24	7845-20725X-S0	Parallel pin 10m6*24 圆柱销	1		
25	3131-412000-00	Brake assembly L 制动器总成(左)	1		
26	7845-20723X-S0	Plug R1/2 螺塞	1		

0303 Brake Assembly

制动器总成



## 0303 Brake assembly

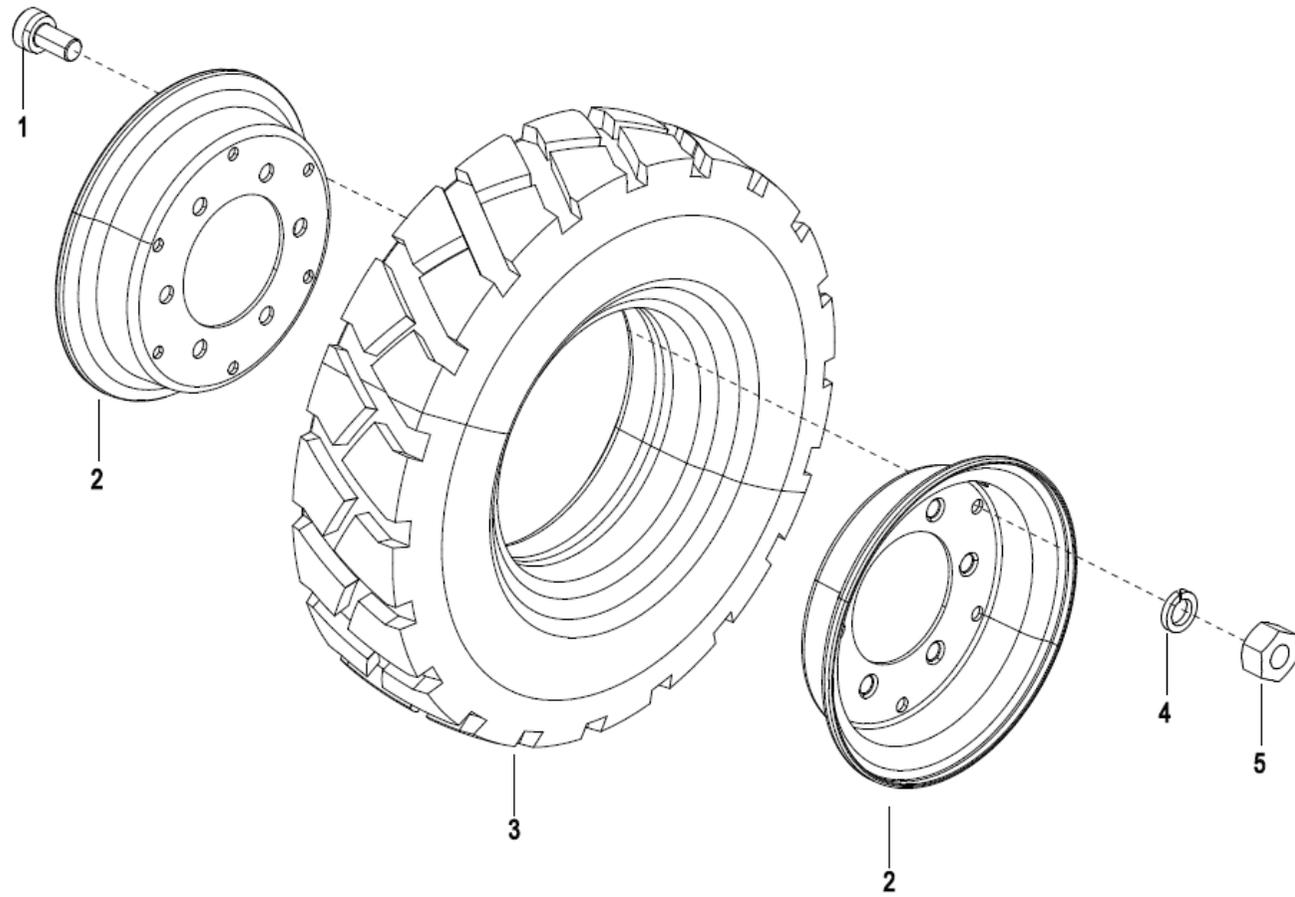
## 制动器总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	3131-411001-00	Bolt M8*25 螺栓	4		
2	3131-411002-00	Lockwasher ø8 弹簧垫圈	4		
3	3131-411003-00	Rubber plug 胶堵	2		
4	3131-411004-00	Pull rod 压簧拉杆	2		
5	3131-412005-00	Pedestal,left brake 左制动器底板总成	1		
5	3131-411005-00	Pedestal,right brake 右制动器底板总成	1		
6	3131-411006-00	Pin 拉杆销	2		
7	3131-412007-00	Left brake rod 左手制动拉杆	1		
7	3131-411007-00	Right brake rod 右手制动拉杆	1		
8	7830-20301X-S0	Friction assembly 制动蹄带摩擦片总成	2		
9	3131-412014-00	Left slack adjuster 左间隙调整器总成	1		
9	3131-411014-00	Right slack adjuster 右间隙调整器总成	1		
10	3131-411011-00	Spring 拉簧	1		
11	3131-411009-00	Support 压簧座	8		
12	3131-411010-00	Spring 压簧	4		
13	3131-412012-00	Left pawl 左棘爪	1		
13	3131-411012-00	Right pawl 右棘爪	1		
14	3131-412013-00	Torsional spring,left 左扭簧	1		
14	3131-411013-00	Torsional spring,right 右扭簧	1		
15	3131-411022-00	Pin 扭簧销	2		
16	3131-412023-00	Left brake rod 左手制动推杆	1		
16	3131-411023-00	Right brake rod 右手制动推杆	1		
17	3131-411015-00	Spring device 弹簧拉线装置	2		
18	3131-412016-00	Spring,left,rear 左回位弹簧(后)	1		
18	3131-411016-00	Spring,right,rear 右回位弹簧(后)	1		
19	3131-412018-00	Spring,left,front 左回位弹簧(前)	1		

19	3131-411018-00	Spring,right,front	右回位弹簧（前）	1		
20	3131-411017-00	Block	导向块	2		
21	3131-411019-00	Plate	导向板	2		
22	3131-411026-00	Spring	弹簧	2		
23	7830-20302X-S0	Left brakeshoe assembly	左制动蹄带摩擦片及挂簧	1		
23	7830-20402X-S0	Right brakeshoe assembly	右制动蹄带摩擦片及挂簧	1		
24	7845-20829X-S0	Thrust ring	杆销挡圈	2		
25	7845-20828X-S0	Resilient washer	弹性垫片	2		
26	3131-411021-00	Brake pump assembly	制动分泵总成	2		
27	3131-412027-00	Left handbrake rope	制动钢索总成(左)	1		L=1270
27	3131-411027-00	Right handbrake rope	制动钢索总成(右)	1		L=1790

0304 Drive wheel - single tire

驱动轮-单胎



## 0304 Drive wheel - single tire

驱动轮-单胎

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
0	3127-420000-10	Tire,solid 实心轮胎总成	2		Tire,solid,7.00-12
0	3127-420000-20	Tire,solid,white 环保实心轮胎总成	2		Tire,solid,white
0	3126-420000-30	Pneumatic tire 充气胎总成	2		Pneumatic tire
1	3525-430001-00	Bolt 螺栓	6		
2	7825-213000-S0	Rim assembly 轮辋总成	2		
3	7820-280000-00-S0	Pneumatic tire 充气胎	2		Pneumatic tire
3	7820-280002-00-S0	Tire,solid 实心轮胎	2		Tire,solid
3	7820-280004-00-S0	Tire,solid,white 环保实心轮胎	2		Tire,solid,white
3	3126-420001-30	Pneumatic tire 充气胎	2		Pneumatic tire
4	304000000055	Lockwasher ø16 弹垫	6		
5	303002000007	Nut M16 螺母	6		

0305 Differential

差速器

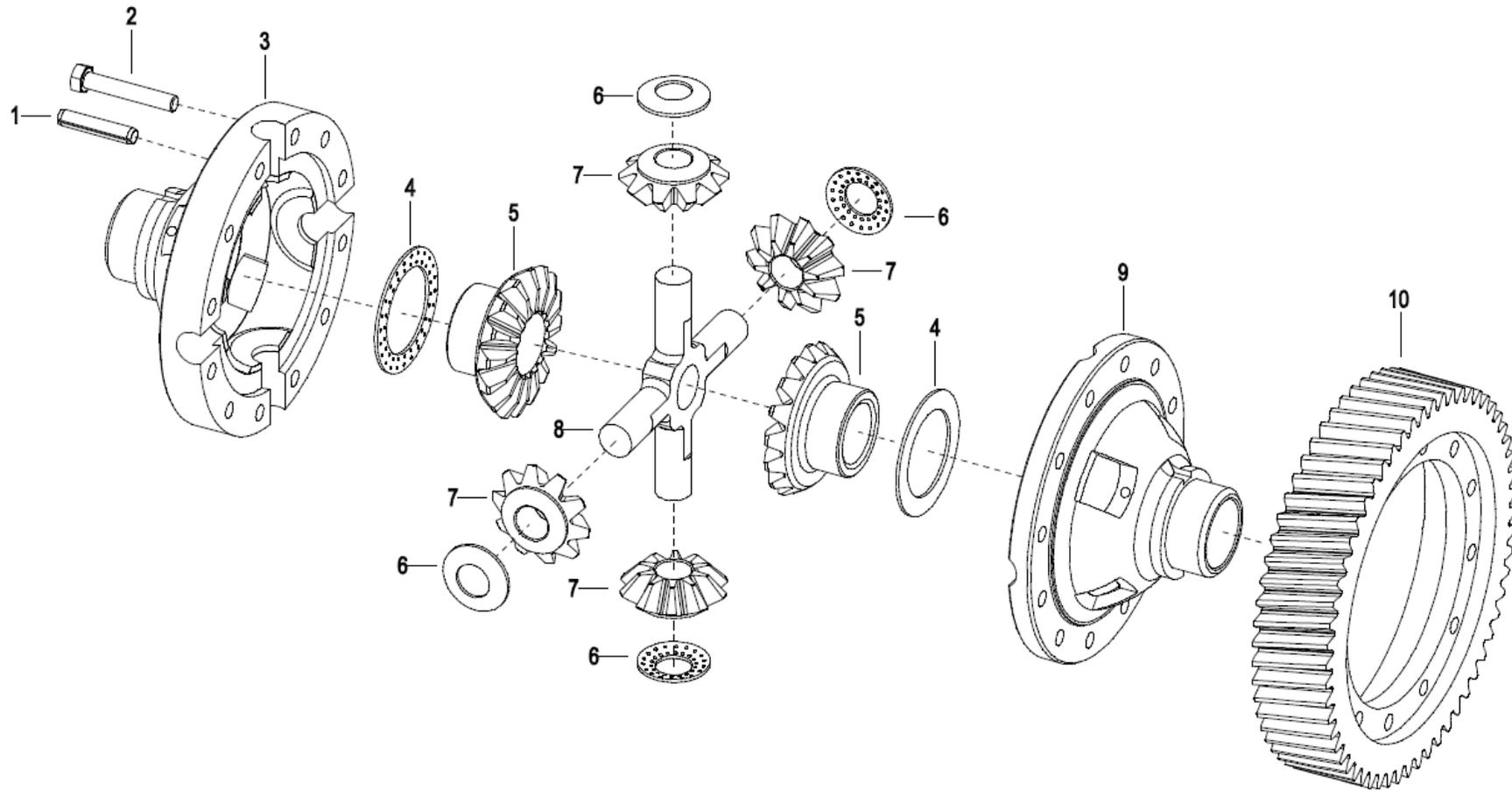


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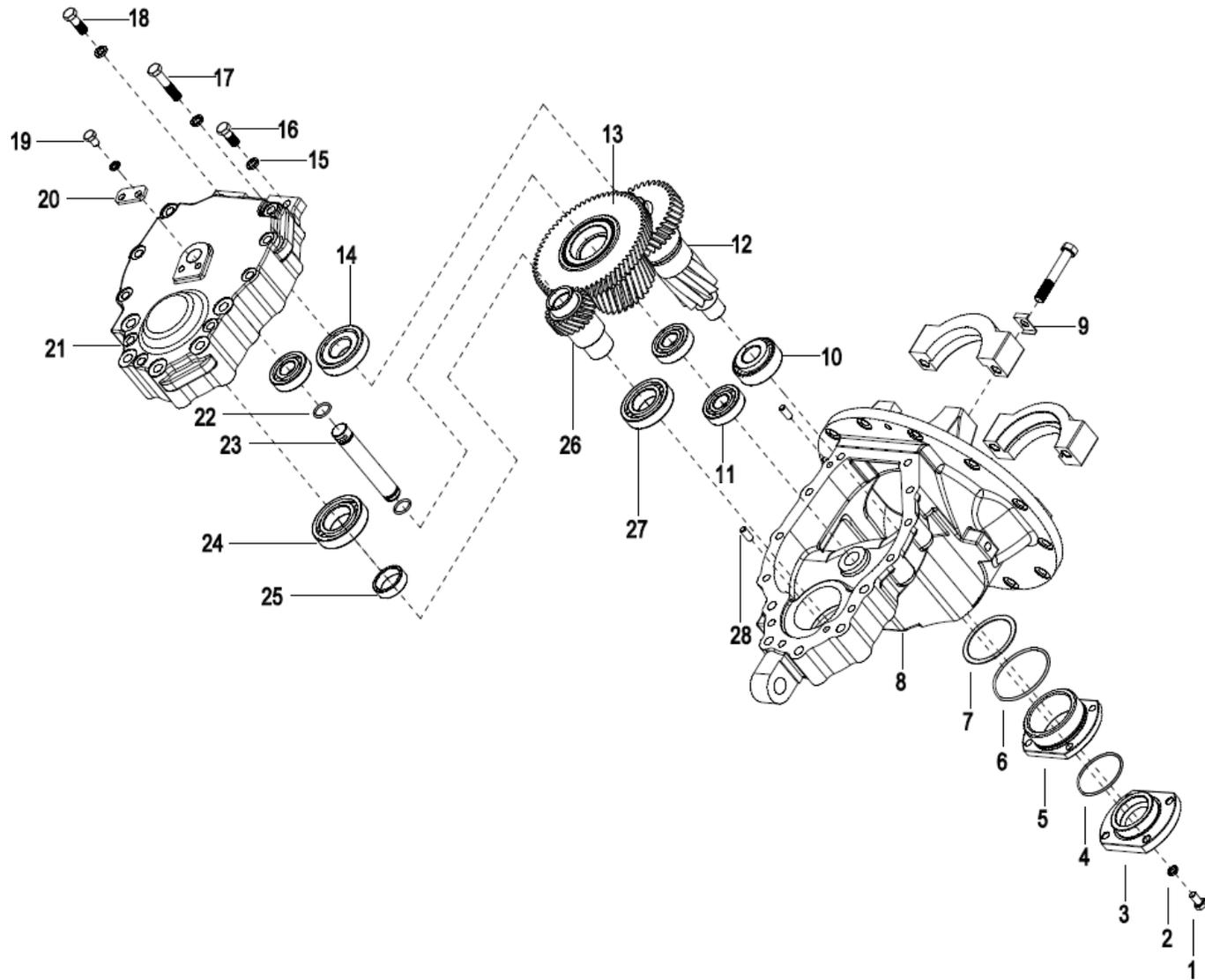
## 0305 Differential

## 差速器

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	3126-41019X-00	Pin $\phi$ 10*50 直槽重型弹性圆柱销	2		
2	3126-41020X-00	Bolt M10*60 六角头螺栓	10		
3	3126-41021X-00	Differential case L 左差速壳	1		
4	3126-41022X-00	Washer 半轴锥齿垫圈	2		
5	3126-41023X-00	Gear 半轴锥齿	2		
6	3126-41024X-00	Washer 球形垫圈	4		
7	3126-41025X-00	Planetary gear 行星锥齿	4		
8	3126-41026X-00	Shaft 行星齿轮轴	1		
9	3126-41027X-00	Differential case R 右差速壳	1		
10	3126-41028X-00	Gear 三级齿轮	1		

0306 Gearbox Assembly(For EFL202)

减速箱总成



0306 Gearbox Assembly(For EFL202)

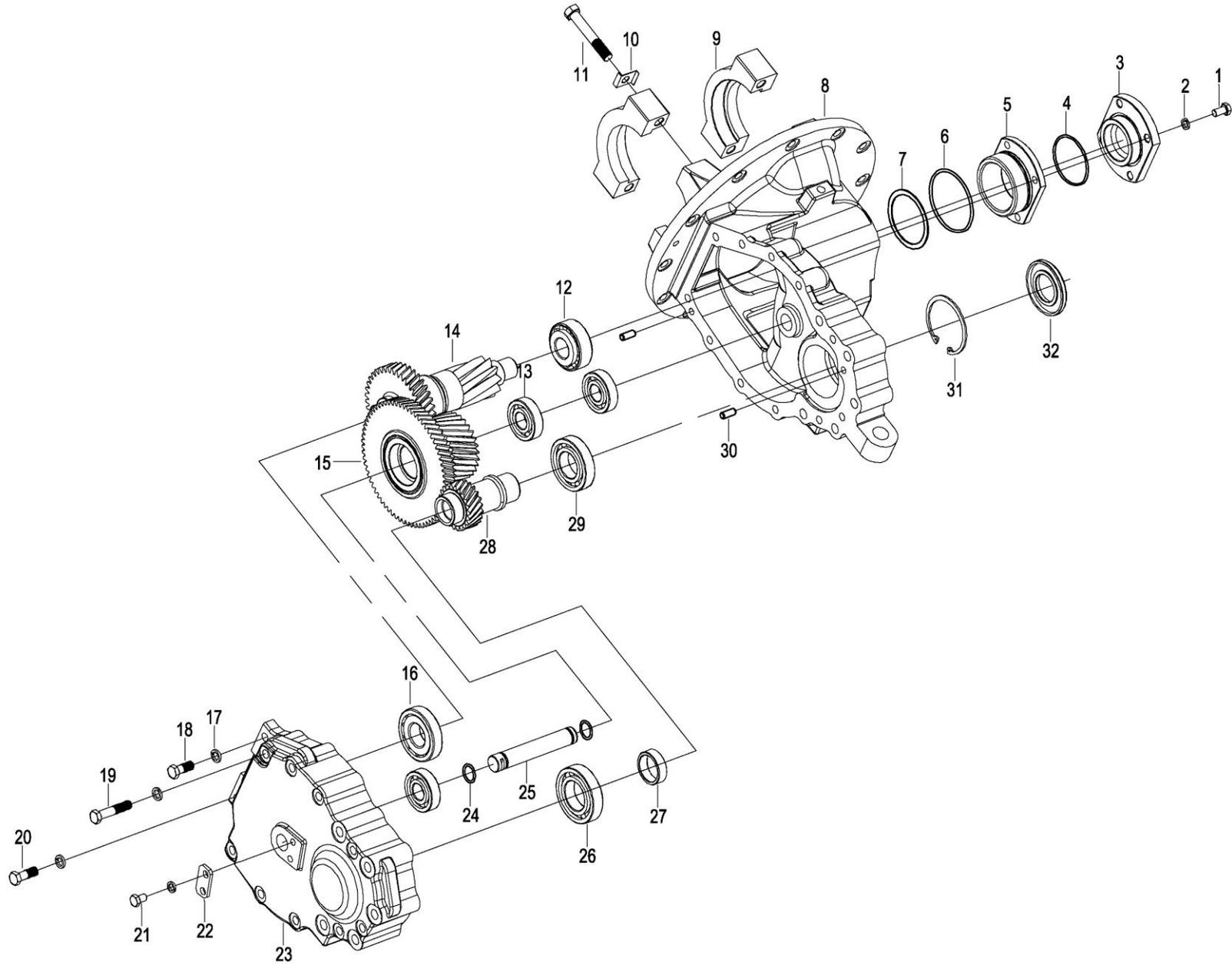
減速箱总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	301000000034	Bolt M10*40 螺栓	4		
2	304000000053	Lockwasher ø10 弹簧垫片	6		
3	3132-42001X-00	Cover 轴承盖 II	1		
4	3132-42002X-00	O-ring ø73*2.65 O型圈	1		
5	3132-42003X-00	Cover 轴承盖 I	1		
6	3132-42004X-00	O-ring ø85*2.65 O型圈	1		
7	3132-42005X-00	Washer 调整垫片	Req.		
8	3132-42006X-00	Cabinet assembly 箱体组件	1		
9	7402-403002-00	Lock plate 轴承座锁片	4		
10	3132-42007X-00	Bearing 32306 圆锥滚子轴承	1		
11	309000000024	Bearing 6305 深沟球轴承	3		
12	3132-42008X-00	Shaft 齿轴	1		
13	3132-42009X-00	Gear 双联齿轮	1		
14	3132-42010X-00	Bearing 30307 圆锥滚子轴承	1		
15	7846-20123X-00	Lockwasher ø12 弹簧垫片	11		
16	7831-20236X-T0	Bolt M12*1.25*30 螺栓	1		
17	3132-42011X-00	Bolt M12*1.25*100 螺栓	9		
18	3901-44011X-00	Bolt M12*1.25*40 螺栓	1		
19	3901-44014X-00	Bolt M10*16 螺栓	2		
20	3132-42012X-00	Bracket 挡板	1		
21	3132-42013X-00	Cover 箱盖	1		
22	3132-42014X-00	O-ring ø25*2.4 O型圈	2		
23	3132-42015X-00	Shaft 轴	1		
24	7846-20601X-00	Bearing 6209 深沟球轴承	1		
25	3902-43013X-00	Cover 密封盖	1		
26	3132-42016X-00	Shaft 输入轴	1		
27	7846-20701X-00	Bearing 6208 深沟球轴承	1		
28	3901-44005X-00	Pin A10*22 圆柱销	44 2		

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0307 Gearbox Assembly(For EFL202S/EFL202P)

减速箱总成



## 0307 Gearbox Assembly(For EFL202S/EFL202P)

## 减速箱总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	3131-42005X-00	Bolt M10*40 螺栓	4		
2	304000000053	Lockwasher ø10 弹簧垫片	6		
3	3132-42001X-00	Cover 轴承盖 II	1		
4	3132-42002X-00	O-ring ø73*2.65 O 型圈	1		
5	3132-42003X-00	Cover 轴承盖 I	1		
6	3132-42004X-00	O-ring ø85*2.65 O 型圈	1		
7	3132-42005X-00	Washer 调整垫片	Req.		
8	3127-42001X-C0	Cabinet assembly 箱体组件	1		
9	7402-403003-00	Bearing pedestal 轴承座	2		
10	7402-403002-00	Lock plate 轴承座锁片	4		
11	7402-403001-00	Bearing seat bolt 轴承座螺栓	4		
12	3132-42007X-00	Bearing 32306 圆锥滚子轴承	1		
13	309000000024	Bearing 6305 深沟球轴承	3		
14	3132-42008X-00	Shaft 齿轴	1		
15	3127-42002X-C0	Gear 双联齿轮	1		
16	3132-42010X-00	Bearing 30307 圆锥滚子轴承	1		
17	7846-20123X-00	Lockwasher ø12 弹簧垫片	11		
18	7831-20236X-T0	Bolt M12*1.25*30 螺栓	1		
19	3132-42011X-00	Bolt M12*1.25*100 螺栓	9		
20	3901-44011X-00	Bolt M12*1.25*40 螺栓	1		
21	3901-44014X-00	Bolt M10*16 螺栓	2		
22	3132-42012X-00	Bracket 挡板	1		
23	3132-42013X-00	Cover 箱盖	1		
24	3132-42014X-00	O-ring ø25*2.4 O 型圈	2		
25	3132-42015X-00	shaft 轴	1		
26	7846-20601X-00	Bearing 6209 深沟球轴承	1		

27	3902-43013X-00	Cover	密封盖	1		
28	3127-42003X-C0	Shaft	输入轴	1		
29	7846-20701X-00	Bearing 6208	深沟球轴承	1		
30	3901-44005X-00	Pin A10*22	圆柱销	2		
31	3127-42004X-C0	Thrust ring ø80	孔用弹性挡圈	1		
32	3127-42005X-C0	Sealing ring ø40*80*7	油封	1		

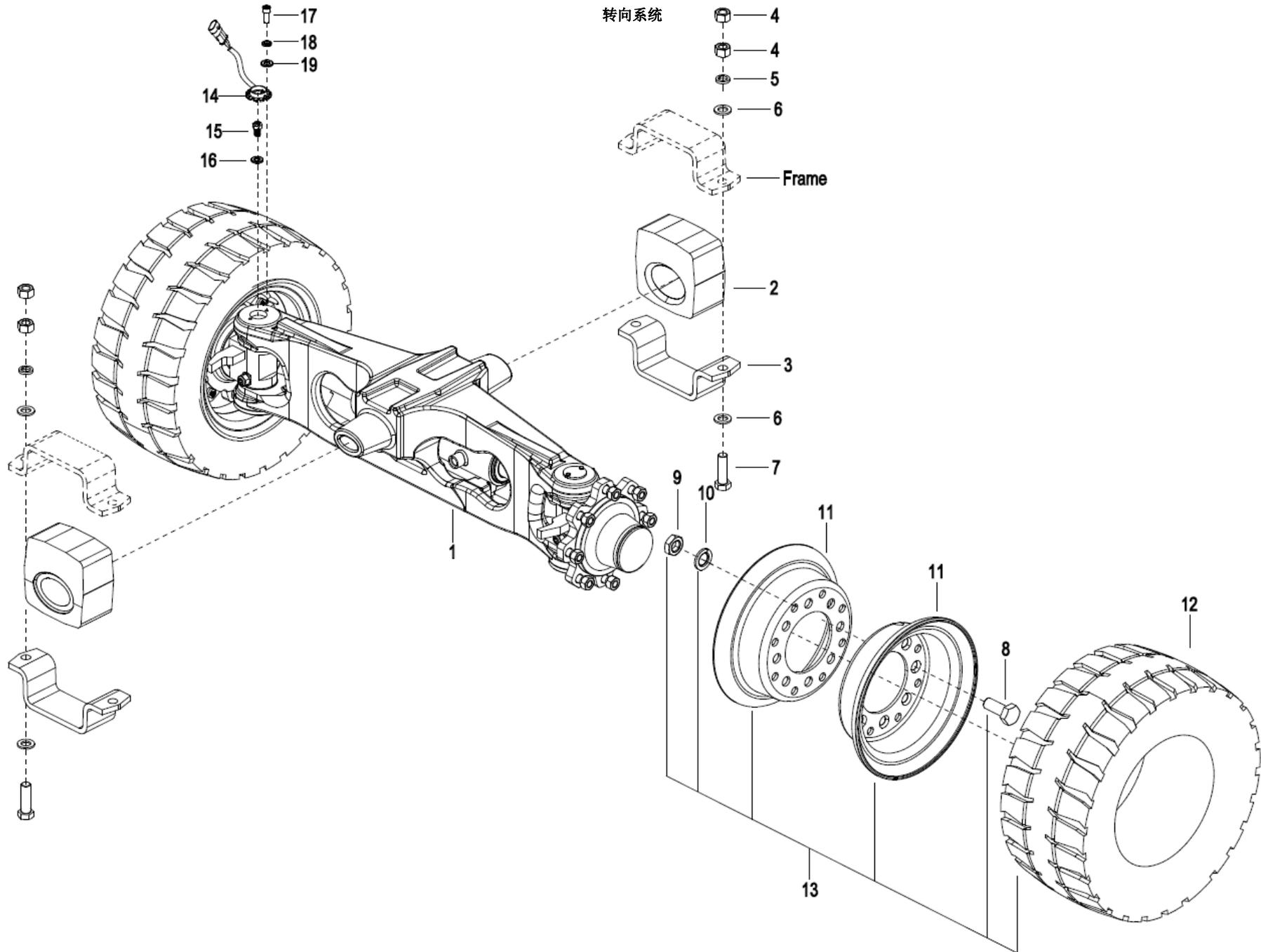
**4000**

**Steering System**

转向系统

0401 Steering system

转向系统



## 0401 Steering system

## 转向系统

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3126-510000-C0	Steering axle assembly 转向桥总成	1		
2	7830-300068-00	Cushion 转向桥减震垫	2		
3	3127-100002-00	Fix plate 转向桥固定板	2		
4	303001000009	Nut M16 螺母	4		
5	304000000055	Lockwasher ø16 弹垫	4		
6	304002000009	FlatWasher ø16 平垫圈	8		
7	301000000115	Bolt M16*55 螺栓	4		
8	7815-203400-S0	Bolt M12*1.5*26 后轮辋螺栓	16		
9	303018000001	Nut M12*1.5 螺母	16		
10	304003000007	Lockwasher ø12 弹簧垫圈	16		
11	3525-521000-00	Rim assembly rear 后轮辋总成	2		
12	3625-42001X-10	Tire solid 实心胎	2		Tire solid
12	3525-52001X-20	Tire solid white 环保实心胎	2		Tire solid white
12	3525-520001-06	Pneumatic tire 充气胎	2		Pneumatic tire
12	3525-520001-07	Tire solid 实心胎	2		Tire solid
12	3525-520001-07	Tire solid white 环保实心胎	2		Tire solid white
13	3625-420000-10	Tire assembly,solid 实心胎总成	2		Include8,9,10,11,12,Tire Assembly,solid
13	3525-520000-20	Tire assembly,solid white 环保实心胎总成	2		Include8,9,10,11,12,Tire Assembly,solid white
14	3625-600003-00	Potentiometer 角度电位器	1		
15	3618-500003-0A	Copper bolt 铜螺栓	1		
16	304000000035	Flatwasher ø10 平垫圈	1		
17	302000000143	Screw M4*16 螺钉	2		
18	304000000048	Lockwasher ø4 弹垫	2		
19	304000000038	Flatwasher ø4 平垫	2		

0402 Steering Axle  
转向桥

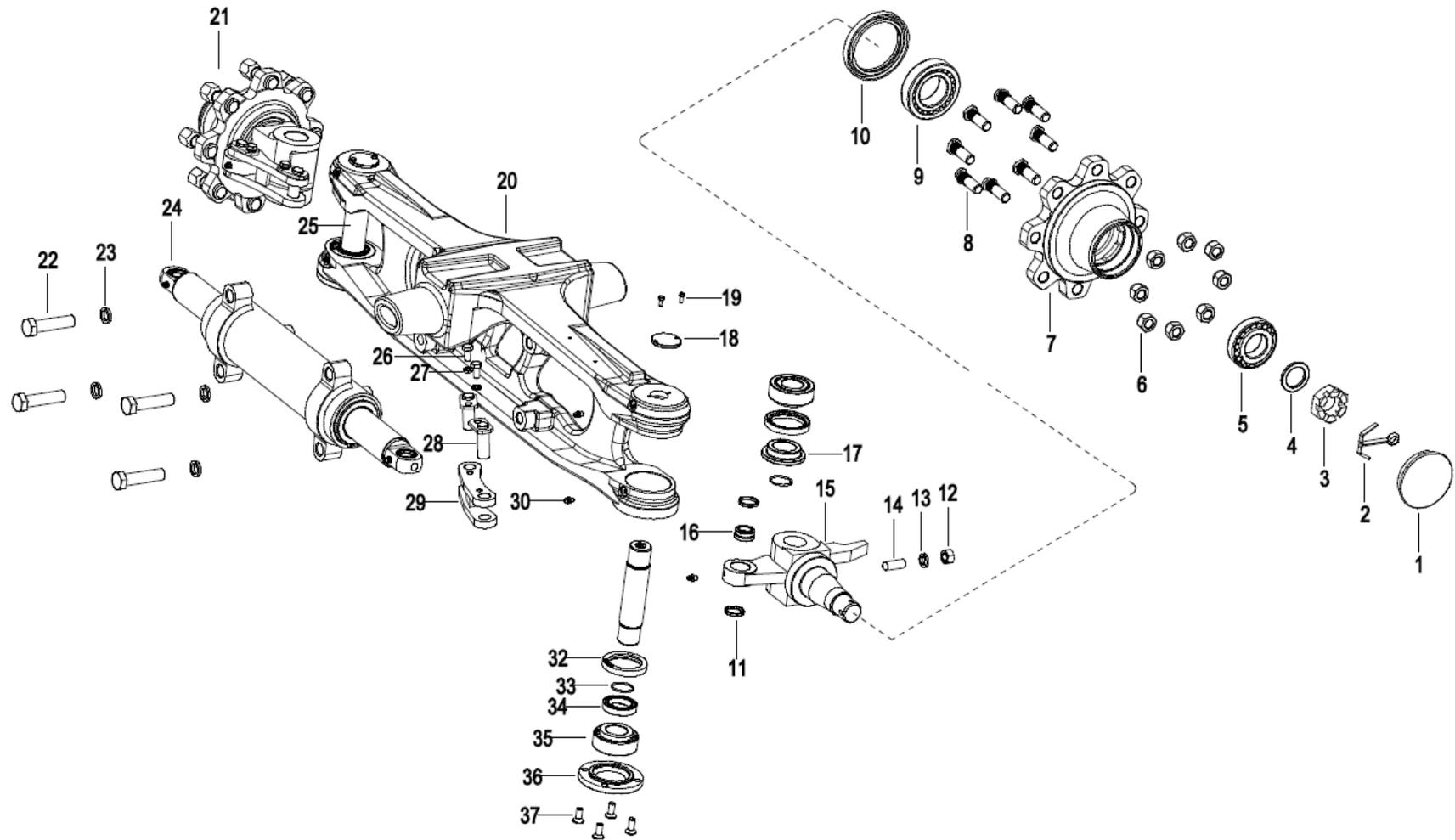


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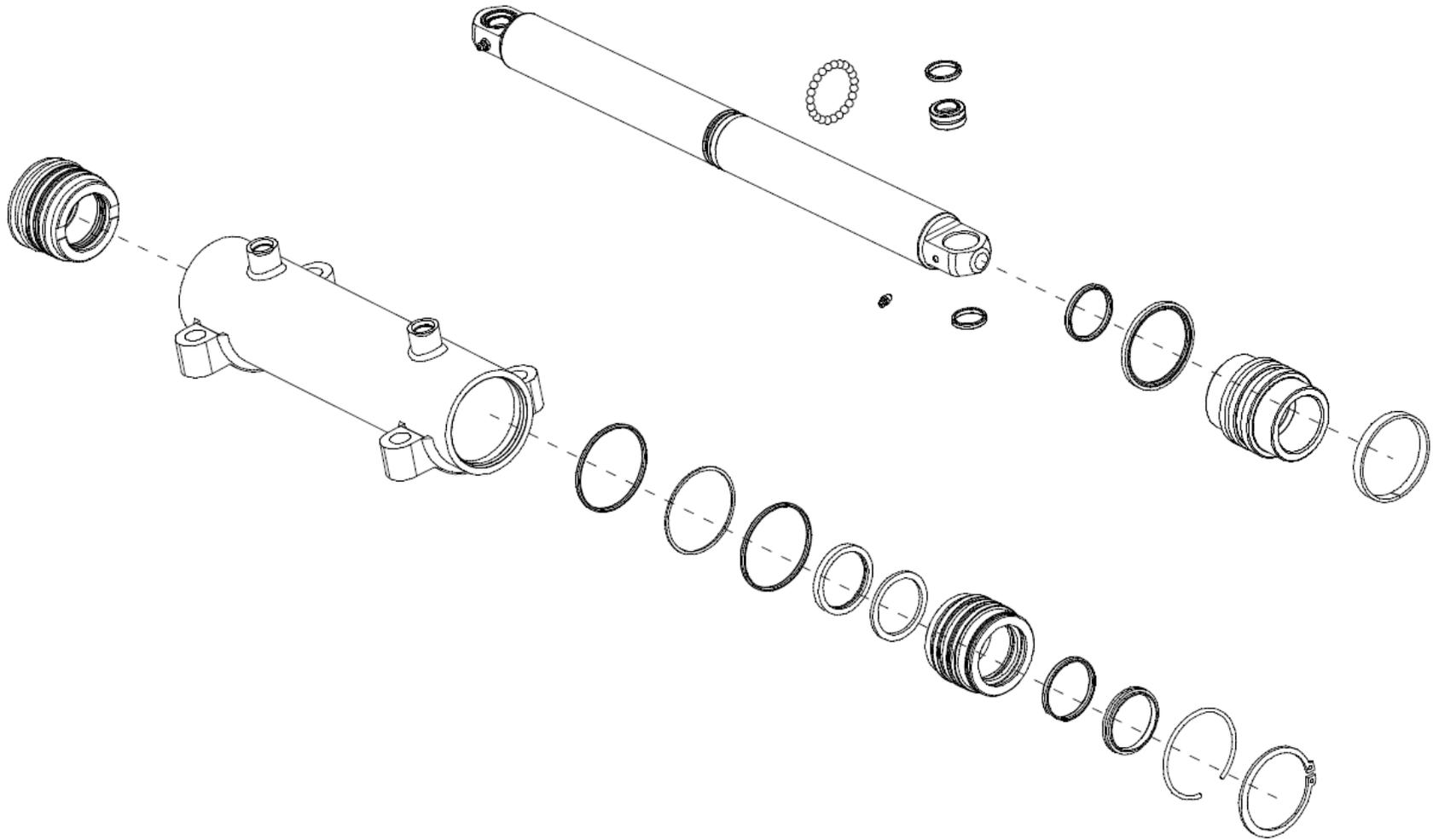
## 0402 Steering Axle

## 转向桥

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	3530-510001-10	Hub cover 轮毂盖	2		
2	3126-51013X-C0	Cotter pin d6.3*55 开口销	2		
3	3126-51001X-C0	Nut M30*2*18 六角开槽薄螺母	2		
4	3530-510024-10	Flatwasher ø30 平垫圈	2		
5	3530-510025-10	Bearing 30207 圆锥滚子轴承	2		
6	3530-510002-10	Nut M14*1.5*16 轮毂螺母	16		
7	3530-510004-10	Hub 转向轮毂	2		
8	3530-510003-10	Bolt M14*1.5*42 轮毂螺栓	16		
9	3530-510026-10	Bearing 32209 圆锥滚子轴承	2		
10	3530-510027-10	Sealing ring FB75*100*10 旋转轴唇形密封圈	2		
11	3530-510006-10	Thrust ring 挡圈	4		
12	3115-52020X-10	Nut M12 I型六角螺母	2		
13	3115-52019X-10	Lockwasher ø12 弹簧垫圈	2		
14	3126-51014X-C0	Bolt M12*35 内六角锥端紧定螺钉	2		
15	3126-51002X-C0	Steering knuckle ,R 转向节(右)	1		
16	3530-510030-10	Bearing GE16ES 关节轴承	2		
17	3131-52007X-00	Sealing ring seat 1 密封圈座 1	2		
18	3126-51003X-C0	Main pin seat cover 主销座盖	2		
19	3126-51015X-C0	Bolt M4*10-8.8 六角头螺栓	4		
20	3126-51004X-C0	Axle body 转向桥体	1		
21	3126-51005X-C0	Steering knuckle ,L 转向节(左)	1		
22	3126-51006X-C0	Bolt M16*1.5*55 (34) -8.8 六角头螺栓 细牙	4		
23	7845-41021X-S0	Lockwasher ø16 弹簧垫圈	4		
24	3126-51007X-C0	Steering cylinder 转向油缸	1		
25	3126-51008X-C0	Master pin 主销	1		

26	3131-52012X-00	Bolt M8*16-8.8	六角头螺栓	4		
27	3530-510038-10	Lockwasher ø8	弹簧垫圈	4		
28	3131-52014X-00	Pin	连杆销	4		
29	3126-51009X-C0	Connect rod	连杆	2		
30	3115-52023X-10	Oil cup M6	直通式压注油杯	4		
31	3126-51010X-C0	Master pin, R	主销 (右)	1		
32	3131-52017X-00	Sealing ring FB47*62*8	旋转轴唇形密封圈	4		
33	3131-52018X-00	O-ring ø36.5*1.8	O型圈	4		
34	3131-52019X-00	Sealing ring seat 2	密封圈座 2	2		
35	3530-510029-10	Bearing 33026	圆锥滚子轴承	4		
36	3126-51011X-C0	Bearing press plate	轴承压板	2		
37	3126-51012X-C0	Bolt M8*20-8.8	内六角沉头螺钉	8		

0403 Steering Cylinder  
转向油缸



## 0403 Steering Cylinder

转向油缸

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
0	3126-51007X-C0	Steering cylinder 转向油缸	1		
KIT	3126-ZXG-0A	Seal Kit for steering cylinder 转向油缸修理包	1		

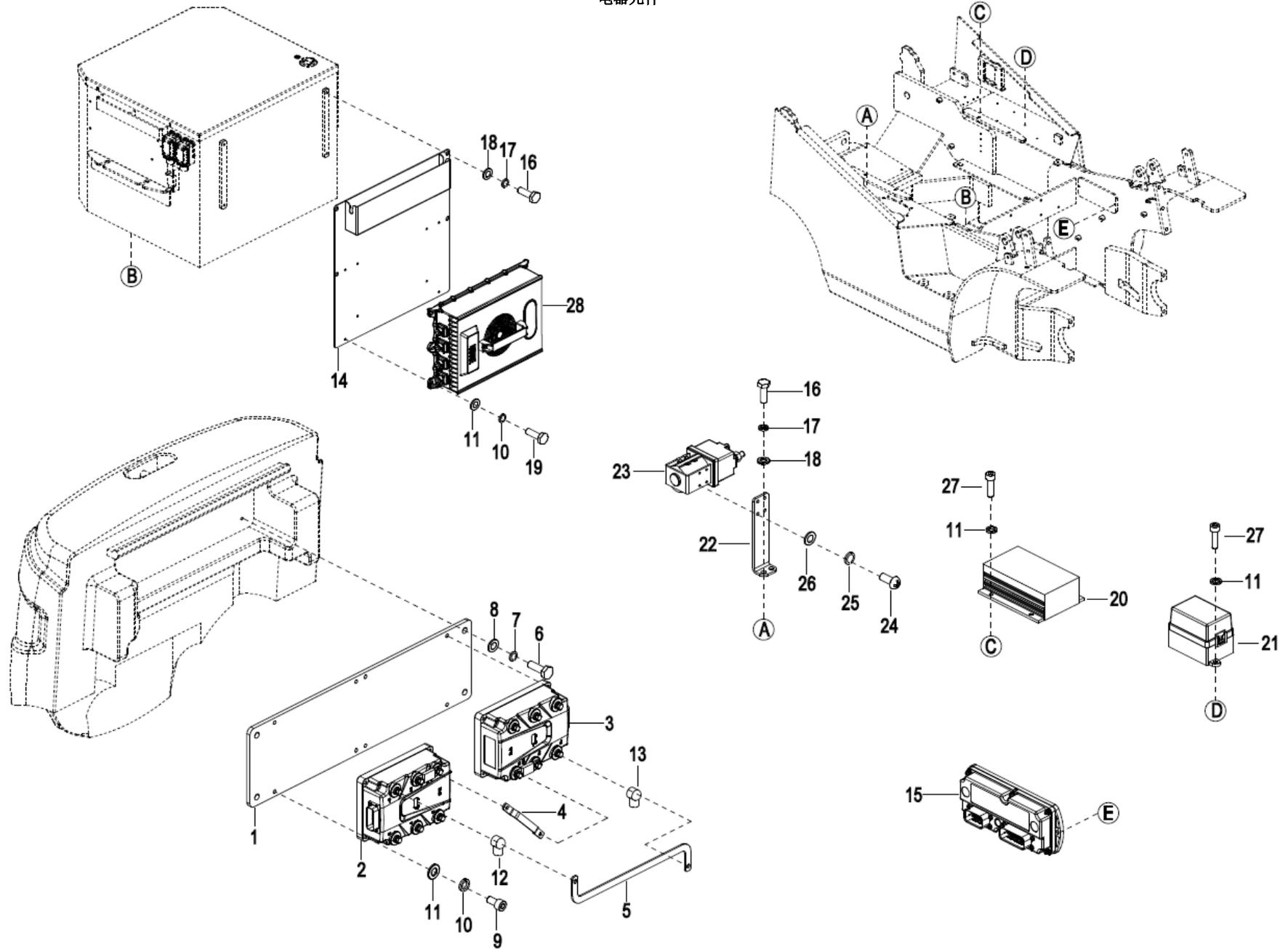
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**Electrical System**

电器系统

0501 Electrical Components

电器元件



## 0501 Electrical Components

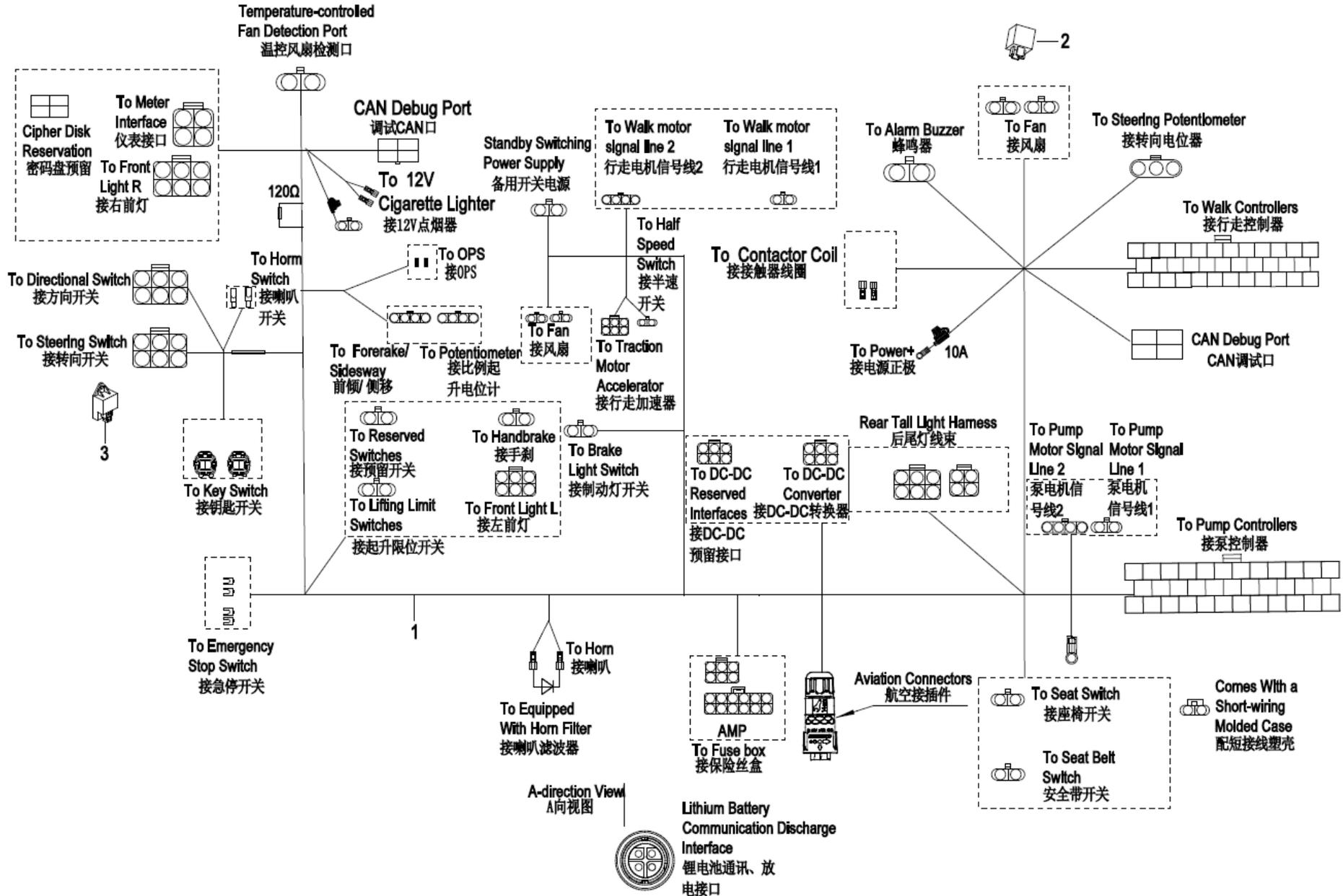
电器元件

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3122-640001-00	Control bracket 控制器底板	1		
2	3218-600100-74	Controller 泵控制器	1		For EFL203/EFL203S
3	3218-600100-75	Controller 行走控制器	1		
4	3127-640003-00	Copper bar 负极铜条	1		
5	3127-640002-0A	Copper bar 正极铜条	1		
6	301002000026	Bolt M10*20 螺栓	4		
7	304000000024	Lockwasher ø10 标准弹簧垫圈	4		
8	304000000035	Flatwasher ø10 平垫圈	4		
9	302001000055	Screw M6*30 内六角圆柱头螺钉	8		
10	304000000050	Lockwasher ø6 标准弹簧垫圈	12		
11	304000000036	Flatwasher ø6 平垫圈	18		
12	3525-600002-A1	Rubber sleeve 大号烟斗护套	11		
13	3525-600002-00	Rubber sleeve 中号烟斗护套	6		
14	3127-140000-D0	Mounting plate 充电器安装板焊件	1		
15	2YL071010000	VCM Controller VCM 控制器	1		
16	301000000504	Bolt M8*16 螺栓	6		
17	304000000052	Lockwasher ø8 标准弹簧垫圈	6		
18	304000000040	Flatwasher ø8 平垫圈	6		
19	301000000026	Bolt M6*16 螺栓	4		
20	3630-250000-01	DC-DC Converter DCDC 转换器	1		
21	3214-620004-20	Fuse harness box 保险丝线束盒	1		
22	3127-100007-D0	Mounting plate 接触器安装板	1		
23	3218-634000-50	Contactora 接触器	1		
24	302000000145	Screw M5*12 十字槽盘头螺钉	4		

25	304000000049	Lockwasher ø5	标准弹簧垫圈	4		
26	304000000039	Flatwasher ø5	平垫圈	4		
27	302001000107	Screw M6*12	内六角圆柱头螺钉	6		
28	312-670001-14-19	Charger	充电器	1		

0502 Wiring Harness Assembly

线束总成



## 0502 Wiring Harness Assembly

## 线束总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3137-610001-D0	Master wire harness 主线束	1		
2	3525-684000-00	Relay 继电器	1		
3	3218-600600-00	Flasher 闪光器	1		

0503 Cable

电缆总成

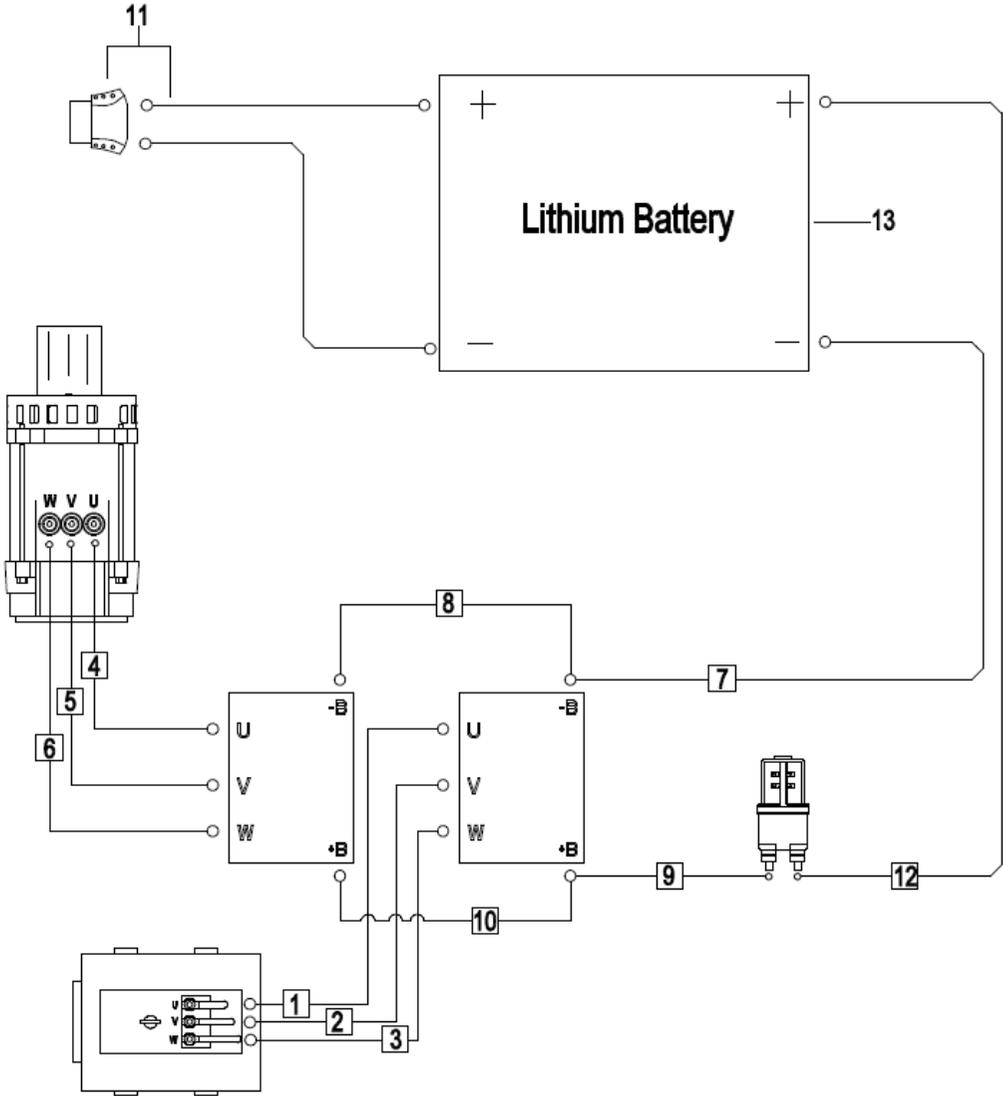


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## 0503 Cable

## 电缆总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
1	3127-620004-D0	Pump motor cable U PU 电缆	1		
2	3127-620005-D0	Pump motor cable V PV 电缆	1		
3	3127-620006-D0	Pump motor cable W PW 电缆	1		
4	3127-620001-D0	Traction motor cable U TU 电缆	1		
5	3127-620002-D0	Traction motor cable V TV 电缆	1		
6	3127-620003-D0	Traction motor cable W TW 电缆	1		
7	3127-621002-D0	Power supply negative cable 电源负极电缆	1		
8	3127-620008-D0	Traction motor cable T-电缆	1		
9	3127-621001-D0	Power supply positive cable 电源正极电缆	1		
10	3127-620007-D0	Traction motor cable T+电缆	1		
11	3127-621000-D0	Power cable assembly 电源电缆组件	1		
12	3127-620009-D0	Adapter positive cable 转接正极电缆	1		
13	LB43-00000Z-01	Battery 电瓶总成	1		80V230Ah
13	LB43-00000Z-02	Battery 电瓶总成	1		80V460Ah

0504 Battery Assembly(460Ah)

电瓶总成

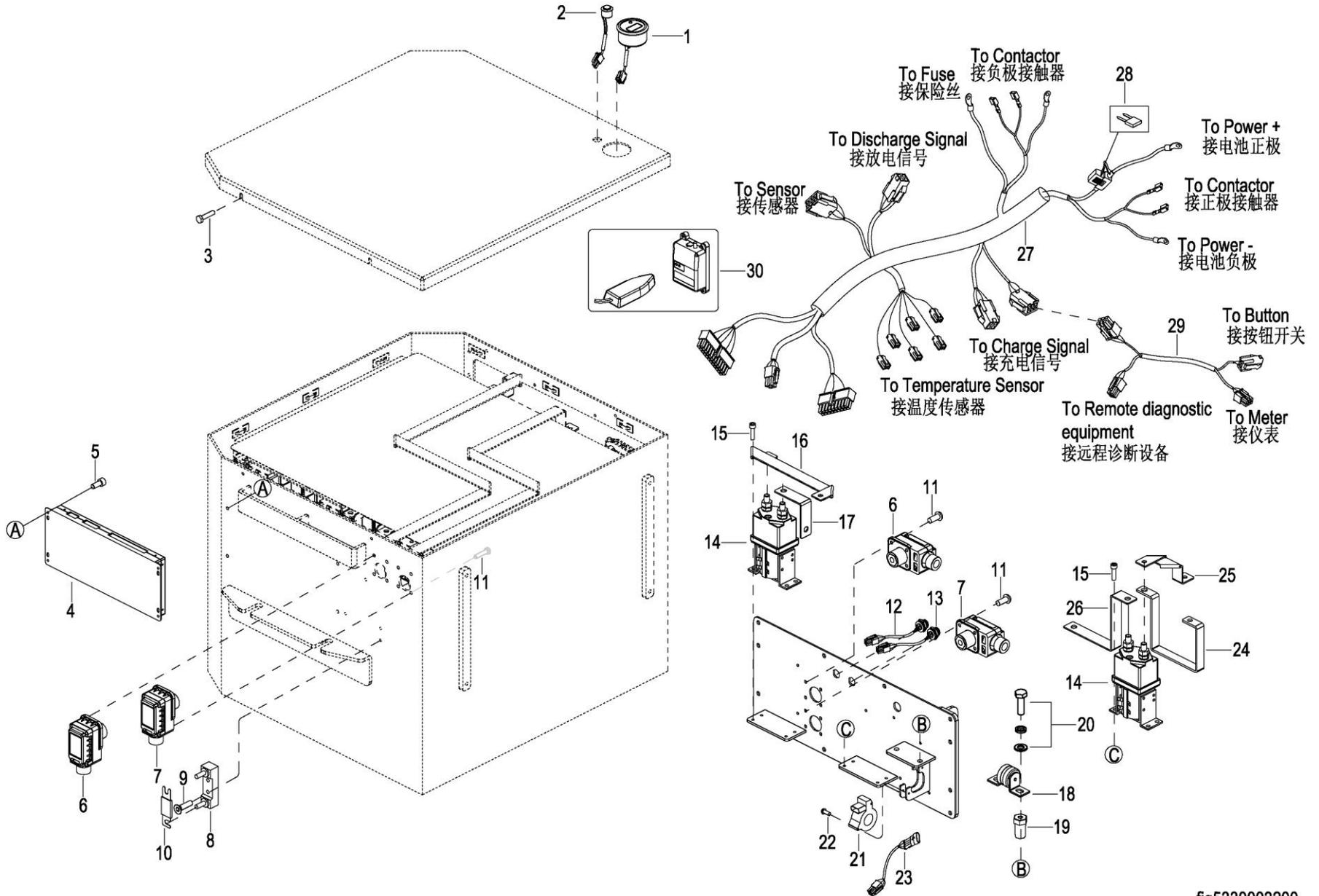


fig5330003200

## 0504 Battery Assembly(460Ah)

## 电瓶总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	LB00-200011-00	Coulombmeter 圆形显示仪表	1		
2	LB78-300002-30	Button Harness 按钮线束	1		
3	301000000125	Bolt M6*12 六角法兰面螺栓	16		
4	LB00-200559-00-01	BMS 保护板	1		
5	202800000005	Screw M4*16 组合螺钉	4		
6	YL06-500000-00-02	Column Orange 接线柱 橙	1		
7	YL06-500000-00-01	Column Black 接线柱 黑	1		
8	3112-600400-00	Fuse block 保险丝座	1		
9	302003000004	Screw M6*16 螺钉	6		
10	3218-630002-06	Fuse 500A 保险丝	1		
11	301016000006	Blot M5*10 螺栓	16		
12	LB78-400010-30	Charging communication 内部充电通讯连接线	1		
13	LB78-400009-30	Communication line 内部通讯连接线	1		
14	LB00-200005-00	Contactora 接触器	2		
15	202800000001	Screw M6*12 组合螺钉	8		
16	LB78-200020-00	Module + Copper bar 模组正极铜排	1		
17	LB78-200023-00	Battery + Copper bar 电池正极铜排	1		
18	LB00-200633-00	Fuse 500A 保险丝	1		
19	LB00-200534-00	Electrical insulator 绝缘子	2		
20	301000000459	Blot M8x16 组合螺栓	2		
21	LB00-200042-00	Sensor 进口霍尔传感器	2		
22	302001000008	Screw M4*25 螺钉	2		
23	LB78-400008-30	Sensor harness 双路霍尔传感器线束	2		
24	LB78-200022-00	Fuse Copper bar 保险丝铜排	1		
25	LB78-200021-00	Module - Copper bar 模组负极铜排	1		
26	LB78-200024-00	Battery - Copper bar 电池负极铜排	1		
27	LB78-400002-30	Main wire harness 锂电池主线束	1		

28	LB00-200235-00	Fuse 15A	保险丝	1		
29	LB78-400011-30	Button harness	远程仪表按钮线束	1		
30	LB00-200262-00	Remote Diagnostic Client	远程诊断客户端	1		For Overseas, Option
30	LB00-200238-00-01	Remote Diagnostic Client	远程诊断客户端	1		For China, Option

0505 Battery Assembly(230Ah)

电瓶总成

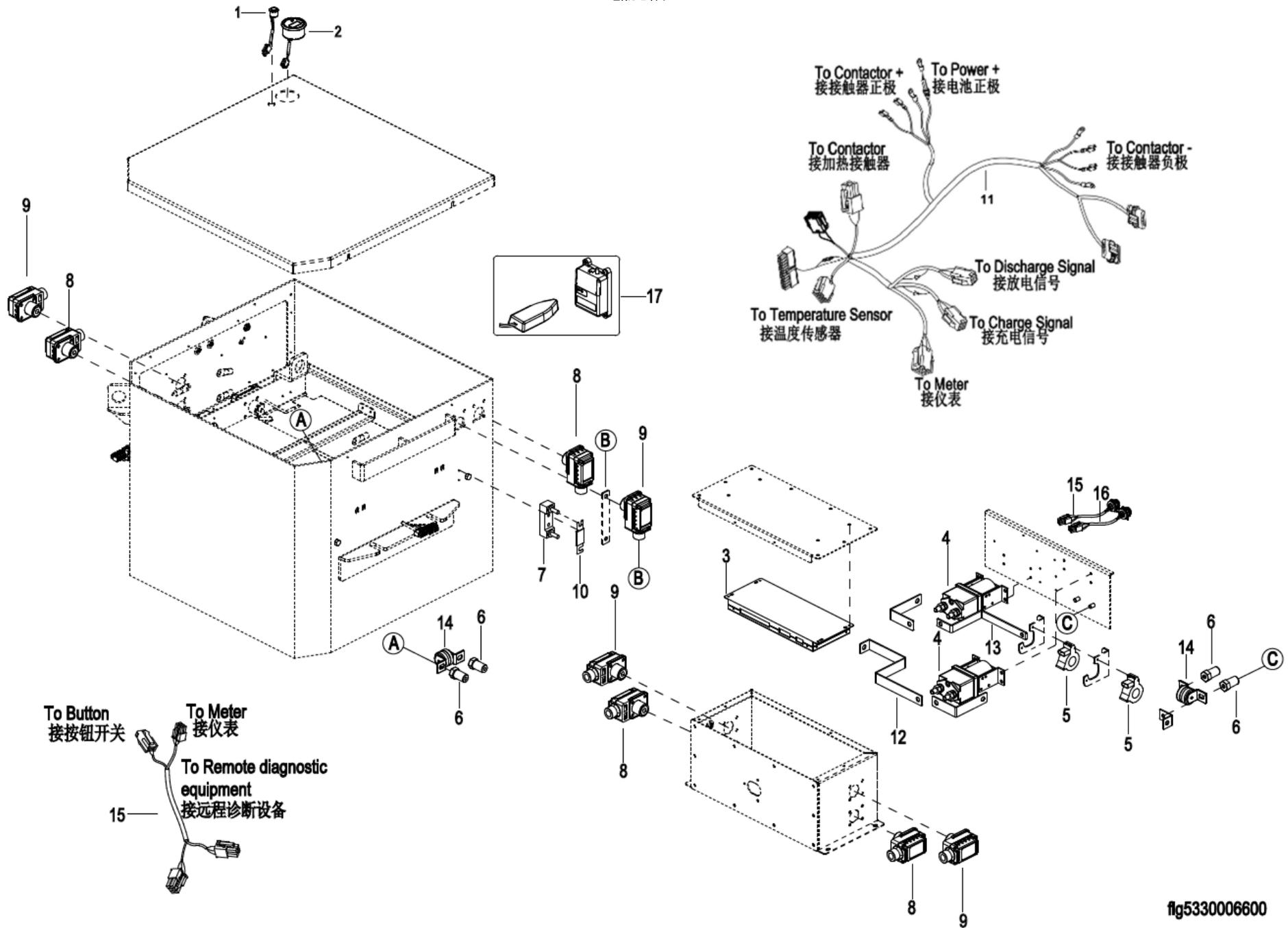


fig5330006600

## 0505 Battery Assembly(230Ah)

## 电瓶总成

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	LB11-400020-0A	Button Harness 按钮线束	1		
2	LB00-200011-00	Coulombmeter 圆形显示仪表	1		
3	LB00-200559-00	Bracket 保护板	1		
4	LB00-200005-00	Contactora 接触器	2		
5	LB00-200042-00	Imported Hall Sensors 进口霍尔传感器	2		
6	LB00-200534-00	Insulators 绝缘端子	4		
7	3112-600400-00	Fuse block 保险丝座	1		
8	YL06-500000-00-01	Column Black 接线柱 黑	4		
9	YL06-500000-00-02	Column Orange 接线柱 橙	4		
10	LB00-200633-00	Fuse 保险丝	1		
11	LB78-400001-34	Main wire harness 锂电池主线束	1		
12	LB78-200002-34	High-voltage box B+copper 高压盒 B+铜排	2		
13	LB78-200001-34	High-voltage box B-copper 高压盒 B-铜排	1		
14	LB00-200633-00	Fuse 保险丝	2		
15	LB52-400023-00	Charging communication 内部充电通讯连接线	1		
16	LB52-400015-00	Communication line 内部通讯连接线	1		
17	LB00-200262-00	Remote Diagnostic Client 远程诊断客户端	1		For Overseas, Option
17	LB00-200238-00-01	Remote Diagnostic Client 远程诊断客户端	1		For China, Option

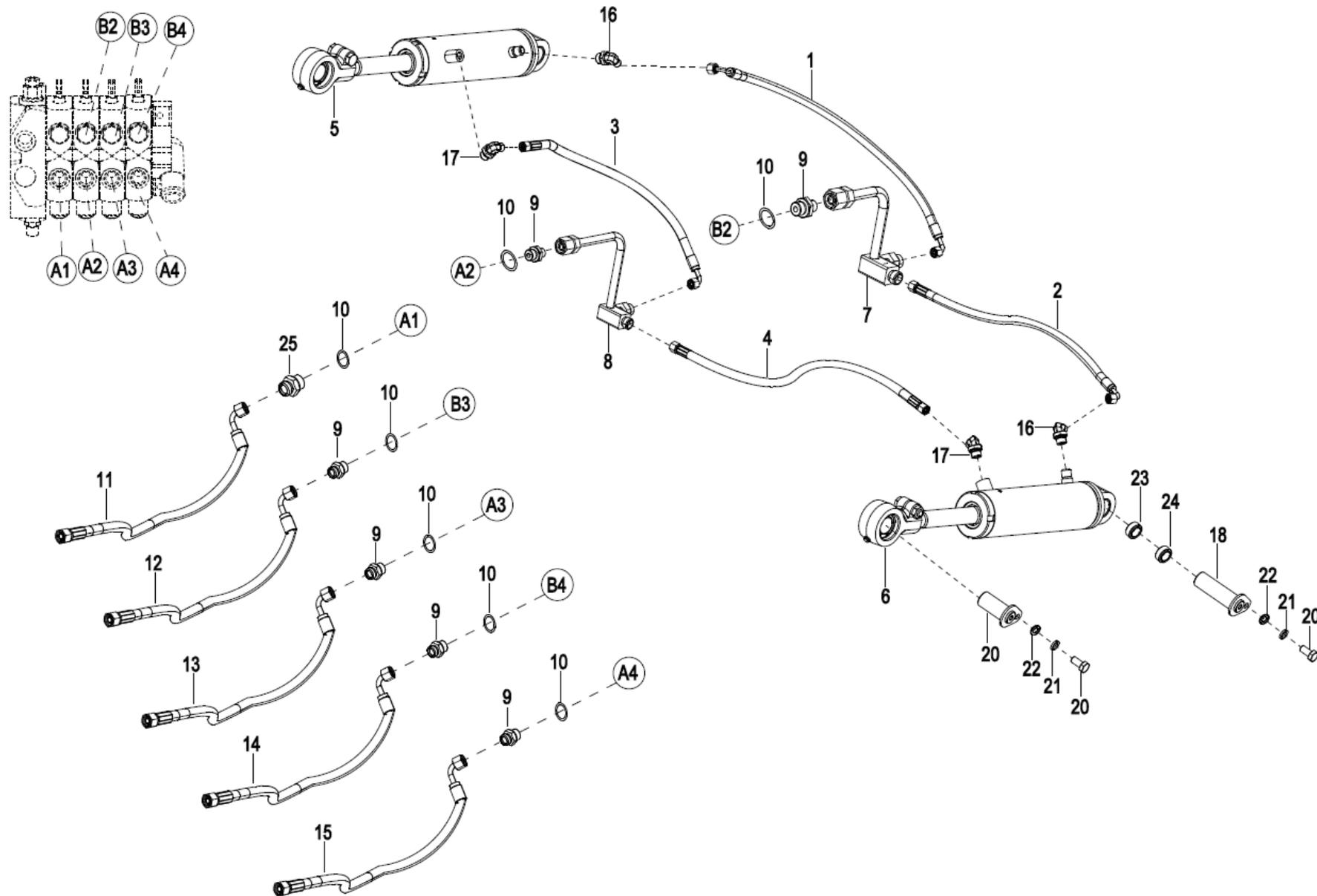
**6000**

**Hydraulic System**

液压系统

# 0601 Hydraulic System I

## 液压管路 I



## 0601 Hydraulic System I

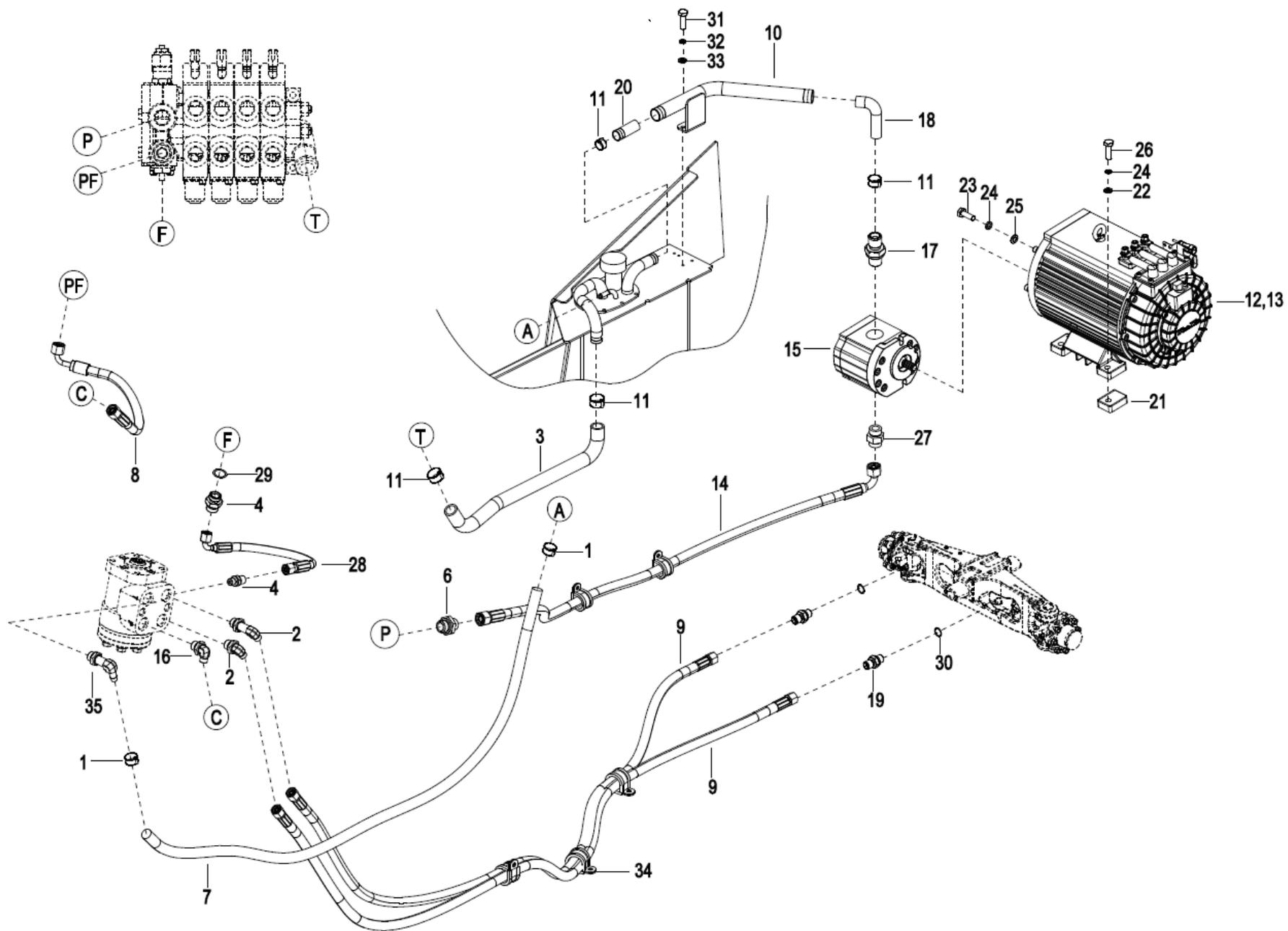
## 液压管路 I

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	3127-720800-D0	Front Tilt Hose 1 前倾油管 1	1		
2	3127-720900-D0	Front Tilt Hose 2 前倾油管 2	1		
3	3127-721000-D0	Rear Tilt Hose 1 后倾油管 1	1		
4	3127-721100-D0	Rear tilt hose 2 后倾油管 2	1		
5	3132-760006-0B	Right tilt cylinder 右倾斜油缸	1		For 2W,2F
5	3132-760051-J0	Right tilt cylinder 右倾斜油缸	1		For 3F
6	3132-760005-0B	Left Tilt Cylinder 左倾斜油缸	1		For 2W,2F
6	3132-760050-J0	Left Tilt Cylinder 左倾斜油缸	1		For 3F
7	3127-720600-D0	Rigid tube assemblies 1 倾斜硬管组件 1	1		
8	3127-720700-D0	Rigid tube assemblies 2 倾斜硬管组件 2	1		
9	3132-780004-01	Connector M20*1.5-M16*1.5 直通接头	7		
10	306002000021	O-Ring $\phi 17 \times 2.65$ O形橡胶密封圈	7		
11	3127-730001-J0	Lifting Hose 起升油管	1		
12	3127-730005-J0	Side shifter Hose 1 侧移软管 1	2		
13	3127-730006-J0	Side shifter Hose 2 侧移软管 2	2		
14	3127-730008-J0	Attachment tubing 1 属具油管 1	3		
15	3127-730009-J0	Attachment tubing 2 属具油管 2	2		
16	2718-141400-00	Connector M14*1.5, 24° 直角接头	2		For retrofitting
17	3132-780011-01	Connector G1/4-M14*1.5 直角接头	2		
18	7330-500006-00	Rear pin roll 倾斜缸后销轴	2		
19	7830-100800-00	Front pin roll 倾斜缸前销轴	2		
20	301002000026	Blot M10x20 螺栓	4		
21	304000000053	Lockwasher $\phi 10$ 标准弹簧垫圈	4		
22	304000000035	Flatwasher $\phi 10$ 平垫圈	4		
23	7330-700001-00	Packet 倾斜缸外垫	2		

24	7330-700001-01	Packet	倾斜缸外垫	2		
25	2711-202600-00	Connector M20*1.5-M26*1.5-24°	直通接头	1		

0602 Hydraulic System II

液压管路 II



## 0602 Hydraulic System II

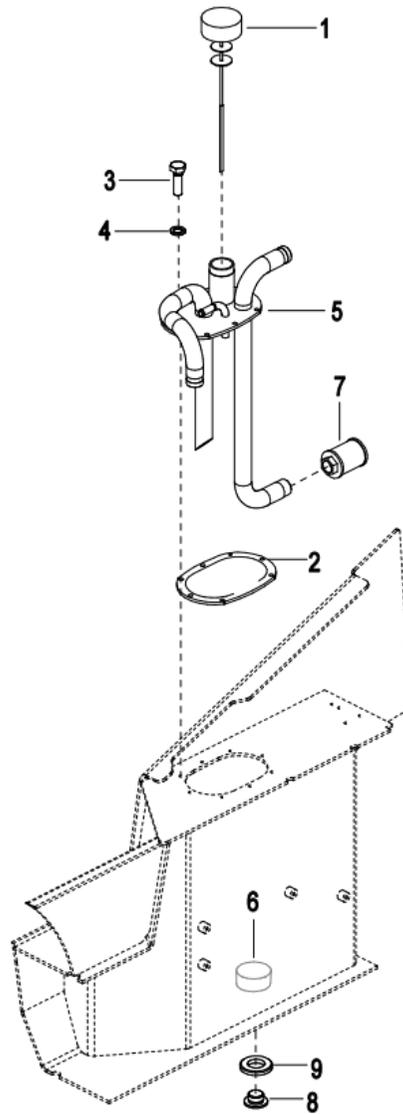
## 液压管路 II

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	7500-190019-00-00	Clip ø23 双钢丝卡箍	2		
2	3132-780007-01	Connector M20*1.5-M16*1.5 转向器短直角接头	2		
3	3127-700001-D0	Hose 多路阀回油管	1		
4	3132-780003-01	Connector M12*1.5-M14*1.5 直通接头	2		
5	3132-780007-01	Connector M20-M14 接头体	1		
6	2711-222600-00	Connector M22*1.5-M26*1.5 直通接头	1		
7	3132-740005-M0	Steering gear return pipe 转向器回油管	1		
8	3127-720300-D0	PF oil pipe PF 油管	1		
9	3127-720500-D0	Steering tubing 转向油管	2		
10	3127-710000-D0	Steel tube 吸油钢管焊件	1		
11	202800000025	Clip 双钢丝卡箍	4		
12	3132-660000-10	Pump motor 泵电机	1		For EFL203
12	3623-650000-10	Pump motor 泵电机	1		For EFL203S/EFL203P
13	3132-65001X-20	Encoder 编码器	1		For EFL203
13	3623-65001X-10	Encoder 编码器	1		For EFL203S/EFL203P
14	3127-720100-D0	Oil pipe 泵到多路阀油管	1		
15	3815-750000-00	Gear pump 齿轮泵	1		For EFL203
15	3122-703000-00	Gear pump 齿轮泵	1		For EFL203S/EFL203P
16	3132-780006-01	Connector M20*1.5-M16*1.5 转向器长直角接头	1		
17	2713-243200-00	Connector M24-ø32 直通接头	1		For EFL203
17	2713-543200-00	Connector G5/4-ø32 直通接头	1		For EFL203S/EFL203P
18	3112-500005-00	Rear return pipe II 后回油管 II	1		
19	3132-780001-01	Connector M16*1.5-M16*1.5 直通接头	2		
20	3111-500002-B0	Suction tube 吸油短橡胶管	1		
21	3115-100004-00	Shock-absorbing pads 减震垫	4		

22	304000000119	Flatwasher ø10	平垫	4		
23	301002000028	Bolt M10*30	螺栓	4		
24	304000000053	Lockwasher ø10	弹垫	8		
25	304000000035	Flatwasher ø10	平垫	4		
26	301004000059	Bolt M10*40	螺栓	4		
27	2711-222600-00	Connector M22*1.5-M26*1.5	直通接头	1		For EFL203
27	2712-342600-00	Connector G3/4-M26*1.5	直通接头	1		For EFL203S/EFL203P
28	3127-720400-D0	Hose	LS 油管	1		
29	306001000007	Washer ø12	组合垫圈	1		
30	306001000002	Washer ø16	组合垫圈	2		
31	301000000504	Bolt M8*16	螺栓	4		
32	304000000052	Lockwasher ø8	标准弹簧垫圈	2		
33	304000000040	Flatwasher ø8	平垫圈	2		
34	202800000725	Tubing Jam	油管卡	5		
35	7331-700004-00	Connector M20-ø14	接头体	1		

0603 Oil Tank

油箱



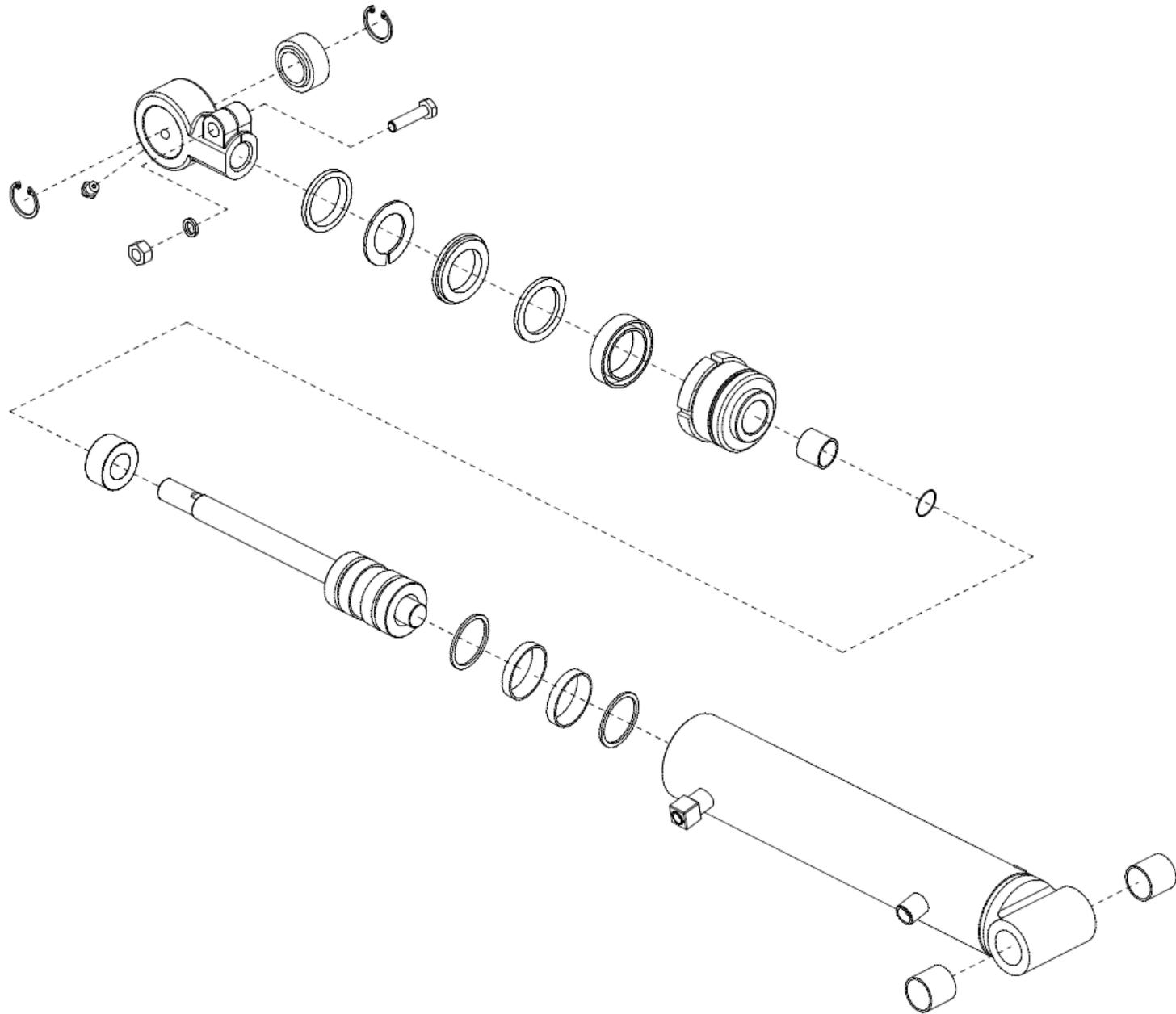
## 0603 Oil Tank

## 油箱

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用日期	Remark 备注
1	7331-710007-00	Hydraulic oil filler cap assembly 液压油加油盖总成	1		
2	7331-710051-00	Gasket 软木橡胶垫	1		
3	301004000022	Bolt M8*1*20 六角头螺栓全螺纹	8		
4	306000000137	Washer ø8 组合密封垫圈	8		
5	3127-740000-D0	Tank cover weldment 油箱盖焊件	1		
6	7330-500004-00	Magnet 磁铁	1		
7	7830-740010-S0	Filter 滤油器	1		
8	3218-110001-00	Plug Drain M18*1.5 放油螺塞	1		
9	306001000003	Washer 组合密封垫圈	1		

0604 Tilt Cylinder

倾斜油缸



## 0604 Tilt Cylinder

## 倾斜油缸

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
0	3132-760006-0B	Right tilt cylinder 右倾斜油缸	1		
0	3132-760005-0B	Left Tilt Cylinder 左倾斜油缸	1		
KIT	3132-76000X-0B	Tilt cylinder repair Kit 倾斜油缸修理包	1		



## 0605 Tilt Cylinder

倾斜油缸

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 试用日期	Remark 备注
0	3132-760051-J0	Right tilt cylinder 右倾斜油缸	1		
0	3132-760050-J0	Left Tilt Cylinder 左倾斜油缸	1		
KIT	3132-QXG-0A	Tilt cylinder repair Kit 倾斜油缸修理包	1		



EFL203 EFL203S EFL203P Recommen

ITEM	ITEM	SUB	PART NUM	DESCRIPTION
0	0	0000	431650000179	Li-ion battery CAN tool
0	0	0000	2YL011116001	adapter cable
<b>1000 Fra</b>				
1	8	0102	3218-600400-00	Warning Light
2	13	0102	3232-601000-00	Front LED lights
3	17	0102	3130-680200-10	Tri-color combination lamp
4	40	0102	2YL092000000	Meter
5	4	0103	3218-680000-10	Accelerator
6	12	0103	3218-604000-00	Emergency stop switch
7	13	0103	3218-600500-00	Speaker
8	4	0104	3218-215020-10	Seat Switch
<b>2000 Steering</b>				
9	6	0201	3132-310000-J0	Foot parking assembly
10	11	0201	3131-601000-00	Micro-switch
11	3	0202	7331-610022-00	Brake pump assembly
12	16	0202	7331-800100-00	Brake light switch
13	25	0203	3218-600900-00	Switch
14	26	0203	3112-603000-10	Key lock
15	29	0203	3112-60301X-10	Key
16	18	0204	3231-252400-00	Four rocker
17	19	0204	3231-252400-00	Four rocker
18	20	0204	3712-401000-00	Horn
19	21	0204	1113-500012-E2	Fetch-up switch
20	22	0204	3231-600500-10	Forward and backward switch

21	29	0205	3218-605000-00	Switch
22	30	0205	3132-66000X-J0	Solenoid valve
23	33	0205	3112-604000-00	Proportional potentiometer
24	38	0205	3132-66001X-J0	OPS valve spool
25	39	0205	3132-66002X-J0	OPS coil
<b>3000 Dri</b>				
26	3	0301	3132-420000-00	Gearbox assembly
27	3	0301	3127-420000-C0	Gearbox assembly
28	8	0301	3132-650000-10	Traction motor
29	8	0301	3132-650000-K0	Traction motor
30	14	0301	3132-65001X-10	Encoder
31	14	0301	3132-65001X-K0	Encoder
32	8	0303	7830-20301X-S0	Friction assembly
33	23	0303	7830-20302X-S0	Left brakeshoe assembly
34	23	0303	7830-20402X-S0	Right brakeshoe assembly
35	26	0303	3131-411021-00	Brake pump assembly
<b>4000 ste</b>				
36	14	0401	3625-600003-00	Potentiometer
37	KIT	0403	3126-ZXG-0A	Seal Kit for steering cylinder
<b>5000 Elec</b>				
38	2	0501	3218-600100-74	Controller
39	3	0501	3218-600100-75	Controller
40	15	0501	2YL071010000	VCM Controller
41	20	0501	3630-250000-01	DC-DC Converter
42	23	0501	3218-634000-50	Contacto
43	1	0502	3137-610001-D0	Master wire harness
44	2	0502	3525-684000-00	Relay

45	3	0502	3218-600600-00	Flasher
46	1	0504	LB00-200011-00	Coulombmeter
47	4	0504	LB00-200559-00-01	BMS
48	14	0504	LB00-200005-00	Contactactor
49	2	0505	LB00-200011-00	Coulombmeter
50	3	0505	LB00-200559-00	Bracket
51	4	0505	LB00-200005-00	Contactactor
<b>6000 Hyd</b>				
52	12	0602	3132-660000-10	Pump motor
53	12	0602	3623-650000-10	Pump motor
54	13	0602	3132-65001X-20	Encoder
55	13	0602	3623-65001X-10	Encoder
56	KIT	0604	3132-76000X-0B	Tilt cylinder repair Kit
57	KIT	0605	3132-QXG-0A	Tilt cylinder repair Kit

NOTE:

1) Level 0 : Suggest to prepare one for every dealer.

2) Level 1 : Suggest to prepare one set for about 10 trucks

3) Level 2 : Suggest to prepare one set for 20 trucks

4) Level 3 :Suggest to prepare one set for 30 trucks

5) Level 4 : Suggest to prepare one set for master dealer and branch company.

ded Spare Parts List				DATE: 2024-9-20
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NAME	Quantity	Level	Serial No	REMARK
锂电池诊断CAN卡	1	0		
检测线束	1	0		

**Body System 车身系统**

警示灯	1	1		
前LED组合灯	2	3		
三色组合灯	2	1		
仪表	1	2		
加速器	1	1		
急停开关	1	1		
喇叭	1	2		
座椅开关	1	3		For CE

**Control System 操作系统**

脚驻车总成	1	4		
脚驻车微动开关	1	3		
制动泵总成	1	2		
制动灯开关	1	2		
组合开关	1	3		
钥匙开关组件	1	2		
钥匙	1	2		
四向摇杆（升降前后倾）	1	1		
四向摇杆（侧移属具）	1	1		
喇叭开关	1	3		
急停开关	1	2		
前进后退开关	1	3		

微动开关	Req.	2		
电磁阀	1	1		
比例电位器	1	2		
OPS阀芯	1	3		
OPS电磁阀线圈	1	3		
<b>ving System 驱动系统</b>				
减速箱总成	1	4		For EFL203
减速箱总成	1	4		For EFL203S/EFL203P
驱动电机	1	4		For EFL203
驱动电机	1	4		For EFL203S/EFL203P
编码器	1	3		For EFL203
编码器	1	3		For EFL203S/EFL203P
制动蹄带摩擦片总成	2	3		
左制动蹄带摩擦片及挂簧销总成	1	3		
右制动蹄带摩擦片及挂簧销总成	1	3		
制动分泵总成	2	3		
<b>ering system 转向系统</b>				
角度电位器	1	3		
转向油缸修理包	1	3		
<b>trical System 电气系统</b>				
泵控制器	1	4		For EFL203/EFL203S
行走控制器	1	4		
VCM控制器	1	4		
DCDC转换器	1	2		
接触器	1	3		
主线束	1	4		
继电器	1	2		

