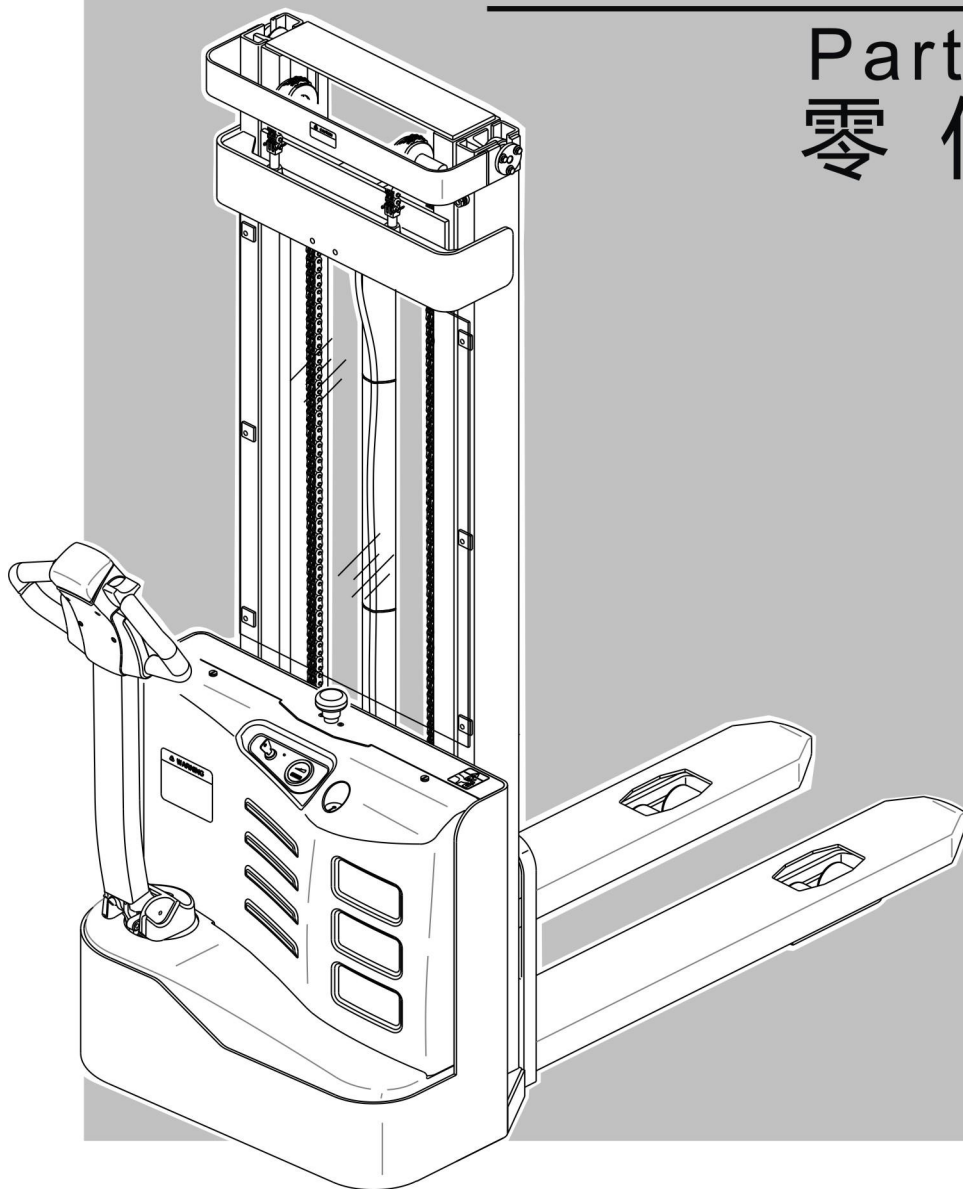


# EP中力

## ES12-12MM/ES12-25MM ES12-12ES/ES12-25DM Electric Pallet Stacker 电动托盘堆垛车

Parts Manual  
零件目录



CE  
CE CERTIFICATE

Part No.50800000516  
V2 07/2020

## **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 truck. If it is necessary for the dealer to order parts from the factory, he is able to get prompt service for you. Parts are shipped in accordance with shipping instructions given on the order.

### **INSTRUCTIONS FOR RETURNING PARTS**

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

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

### **CHANGES**

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

**EP EQUIPMENT CO.,LTD.**

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**PM2111 07.20**

## 零件订购说明

### 如何订购

当您订购的时候，您需要提供堆垛车零件的编号，数量，型号和序列号。提供这些信息能够保证您的订购更加的高效。

因为您的经销商有很多零件的存货，而且需要保持所有零件的价格是最新的，所以他会尽快地处理您的订购需求。假如因为某些原因，存货中没有这个零件，那么他会从公司订货。无论怎么样的情况，他手里都会有一份服务手册文件，它能提供所有可用的零件的订购信息或者技术信息。

### 订购地点

当您需要订购零件时，请到销售给您堆垛车的经销商那里订购。如果经销商有必要从公司订购零件，他能为您提供快捷的服务。根据您的订购信息，零件和它对应的操作说明会一起装好。

### 零件的退还说明

一般情况下，因为信用的关系，退还的零件没有事先的同意，是不会被公司认可的。我们不会对没有经过授权但退还过来的零件负责。

如果您有一些零件一定要退还，请联系您的经销商。若经销商确认零件可以退还，则其会安排授权要退还的零件。

### 技术修改

当堆垛车技术有修改时，这本手册的修正页会重新发行。当您拿到这些修正页时，您一定要立即把它们插入到您的零件手册中。若没有及时的更新您的零件手册，则可能会导致您订购、维护等方面的错误。

浙江中力机械有限公司

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## GENERAL INFORMATION

### INDEX

This parts manual is arranged for easy identification of parts .The index at the front of the catalog gives location of major groups and assemblies.

### PART LIST

The **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.The **Applied Date** is a description when the part is applicable.The **Remark** is the explanation of the part for a supplement,such as the model,the capability, the characteristic,etc.

### HOW TO READ PARTS MANUAL

#### HELP 1:

	Index	Part No.	Part Name	No.	Applied Date	Remark
	序号	零件编号	零件名称	数量	适用日期	备注
A	18	0000-000667-00	Bearing 61905Z	1		
	19	1115-200004-00	Helical Gear	1		
		1115-200005-00	Helical Gear	1		
	20	0000-000680-00	Bearing 16003Z	1		
B	22	2108-540000-00	Bracket	1		
	23	1115-500005-00-01	Battery	2		65AH / 12V
	23	1115-500005-00-02	Battery	2		85AH / 12V
	24	0000-000378-00	Screw M4×16	2		
C	8	ck11-560003-00	JC100 Switch	1		
	9	01 ck11-520008-00	JC100 Switch Wire Harness	1		Cancelled/取消
		02 ck11-520008-0A	JC100 Switch Wire Harness	1		
	10	0000-000001-00	Screw M6×20	2		

**A:** The part of Index 19 is a discreteness with two kings of parts.It denotes **Not Sold Separately**.

**B:** The part of Index 23 is **Optional**.

**C:** The part of index 9 is improved and upgraded. Please use the **New Part Number** when ordering.

**D:** The part of Index 7 has an **Applicability**,because it's our policy to constantly improve our products.

The part of Index 11 is same ,but the Part Number is changed.And please use the new Part Number when you order this part.

	Index	Part No.	Part Name	No.	Applied Date	Remark
	序号	零件编号	零件名称	数量	适用日期	备注
D	7	01 2125-410004-00	Cap	1	-071011	
		02 2125-410004-0A	Cap	1	071011-	
	8	0000-000084-00	Ring Wiper 35×43×5-6.5	1		
	9	0000-000370-00	O-ring 40×3.1	1		
	10	2125-410005-00	Ring Back Up 50×45×20	1		
	11	01 0000-000197-00	Rod Packing 40×50×6	1		Old
	02 0000-000512-00	Rod Packing 40×50×6	1		New	

**1. Record by time**

- 070911 : Ending on July 09, 2011.
- 071011- : Beginning on July 10, 2011.

**2. Record by serial number**

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用日期	备注
7	01 2125-410004-00	Cap	1	-S2016344	
02	2125-410004-0A	Cap	1	S2016345-	
8	0000-000084-00	Ring Wiper 35×43×5-6.5	1		
9	0000-000370-00	O-ring 40×3.1	1		
10	2125-410005-00	Ring Back Up 50×45×20	1		
11	01 0000-000197-00	Rod Packing 40×50×6	1		Old
02	0000-000512-00	Rod Packing 40×50×6	1		New

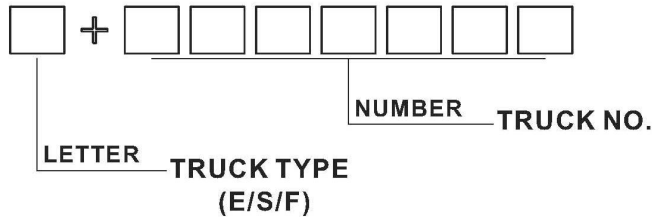
D ⇨

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

There are three types of serial number:

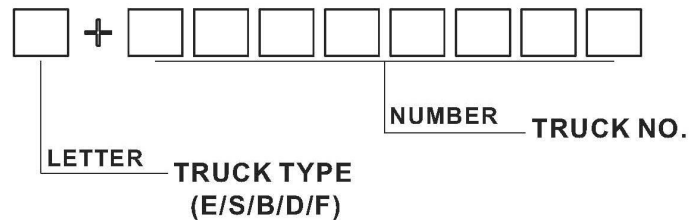
**1) 1 (LETTER)+ 7 (NUMBERS)**

Applied Date: Up to February 1,2015



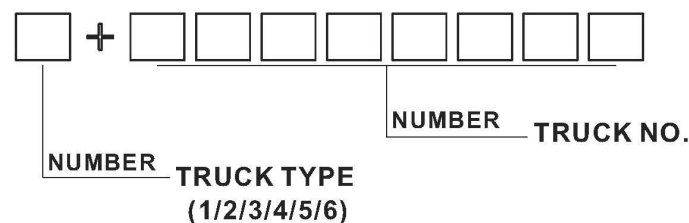
**2) 1 (LETTER)+ 8 (NUMBERS)**

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

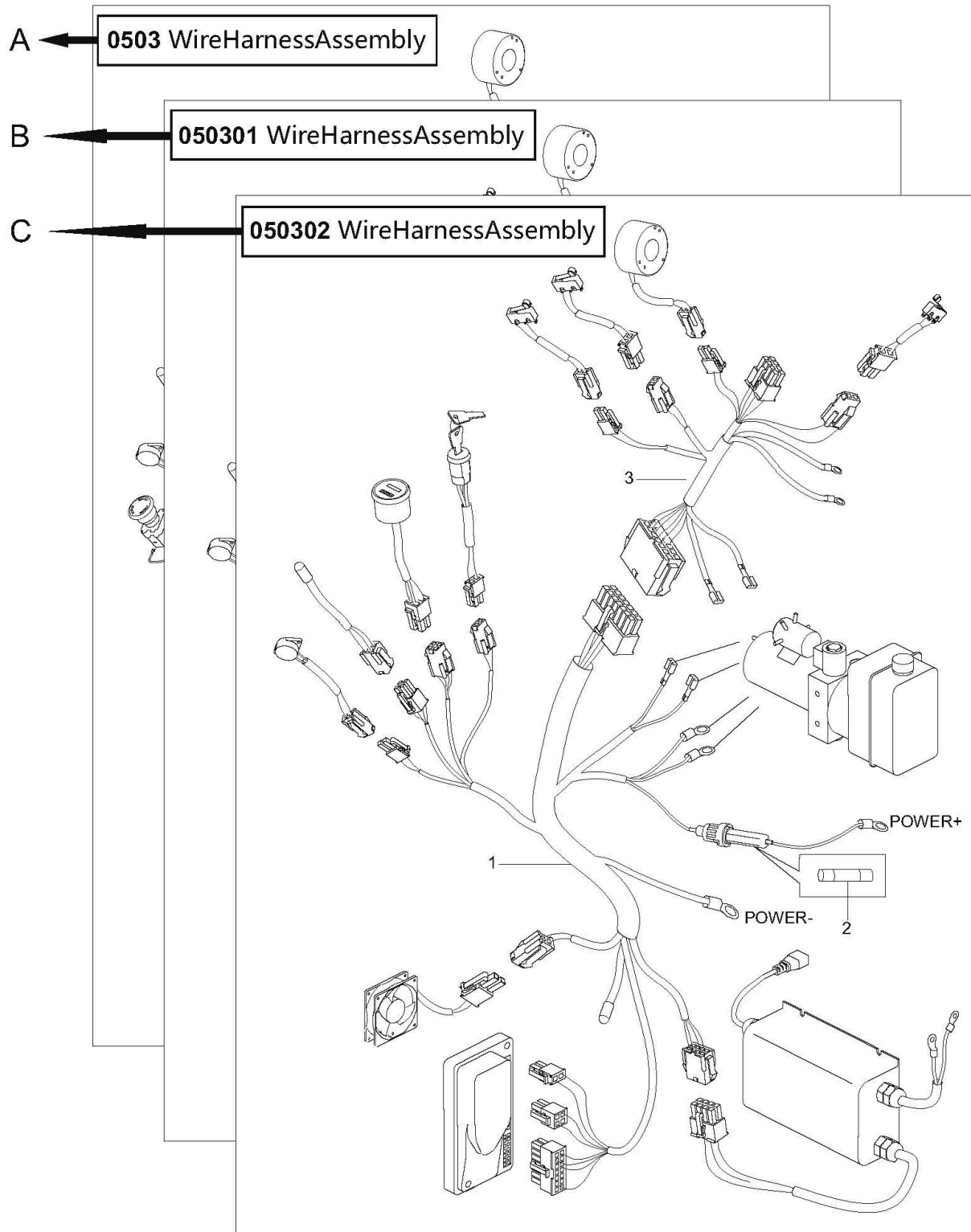


**3) 1 (NUMBER)+ 8 (NUMBERS)**

Applied Date: From June 1,2015



HELP 2:



**A:** Section 0503 is the original version.

**B:** Section 050301 is the version that some parts in the Section 0503 have been changed.

**C:** Section 050302 is the version that some parts in the Section 050301 have been changed.

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

## 概要

### 目录

将零件目录分组成几个易识别的部分，并把主要结构和总成放置在索引目录中。

### 零件明细表

**Index** 描述的是在插图上，您想要找的项目。**Part No.**是零件的一系列描述和它的订购号码。**Part Name**是用文字的形式描述零件的号码。**No.**代表的是零件在搬运车上使用的数量。**Applied Date**表示的是零件适用的时间范围。**Remark**是用来补充说明零件信息(例如车型、性能和特征等)。

### 怎么读取零件明目录

#### 帮助 1:

	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
A	18	0000-000667-00	Bearing 61905Z	1		
	19	1115-200004-00	Helical Gear	1		
		1115-200005-00	Helical Gear	1		
	20	0000-000680-00	Bearing 16003Z	1		
B	22	2108-540000-00	Bracket	1		
	23	1115-500005-00-01	Battery	2		65AH / 12V
	23	1115-500005-00-02	Battery	2		85AH / 12V
	24	0000-000378-00	Screw M4×16	2		
C	8	ck11-560003-00	JC100 Switch	1		
	9	01 ck11-520008-00	JC100 Switch Wire Harness	1		Cancelled/取消
	02	ck11-520008-0A	JC100 Switch Wire Harness	1		
	10	0000-000001-00	Screw M6×20	2		

**A:** 序号 19 表示的是一个由两种零件组成的组件，不以单件形式出售。

**B:** 序号 23 表示该零件有几个品种可供您的选择。

**C:** 序号 9 表示该零件进行了改进和升级，订购时请使用新的零件编码。

**D:** 序号 7 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。

序号 11 表示的都是同一种零件，只是零件编码有所变更。因此，当您订购这类零件时，请您使用新的零件编码。

	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
D	7	01 2125-410004-00	Cap	1	-071011	
	02	2125-410004-0A	Cap	1	071011-	
	8	0000-000084-00	Ring Wiper 35×43×5-6.5	1		
	9	0000-000370-00	O-ring 40×3.1	1		
	10	2125-410005-00	Ring Back Up 50×45×20	1		
	11	01 0000-000197-00	Rod Packing 40×50×6	1		Old
02	0000-000512-00	Rod Packing 40×50×6	1		New	

### 1. 用时间记录

- 070911 : 截止到 2011 年 7 月 09 日

071011- : 起始于 2011 年 7 月 10 日

### 2. 用序列号记录

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
7	01 2125-410004-00	Cap	1	-S2016344	
02	2125-410004-0A	Cap	1	S2016345-	
8	0000-000084-00	Ring Wiper 35×43×5-6.5	1		
9	0000-000370-00	O-ring 40×3.1	1		
10	2125-410005-00	Ring Back Up 50×45×20	1		
11	01 0000-000197-00	Rod Packing 40×50×6	1		Old
02	0000-000512-00	Rod Packing 40×50×6	1		New

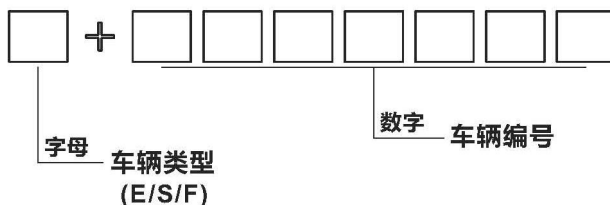
-S2016344 : 截止序列号 S2016344

S2016345- : 起始序列号 S2016345

有三种序列号形式:

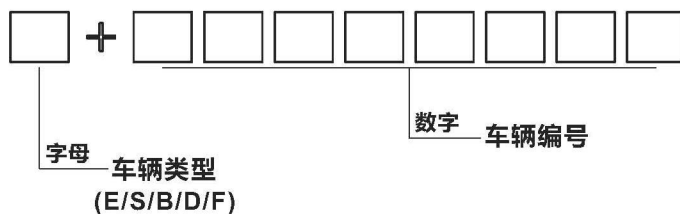
#### 1) 1 (字母) + 7 (数字)

适用时间: 截止到 2015 年 2 月 1 日



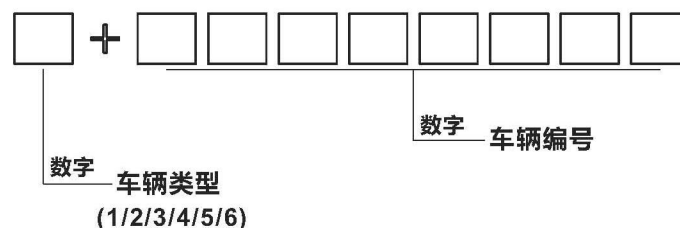
#### 2) 1 (字母) + 8 (数字)

适用时间: 2015 年 2 月 1 日至 2015 年 6 月 1 日



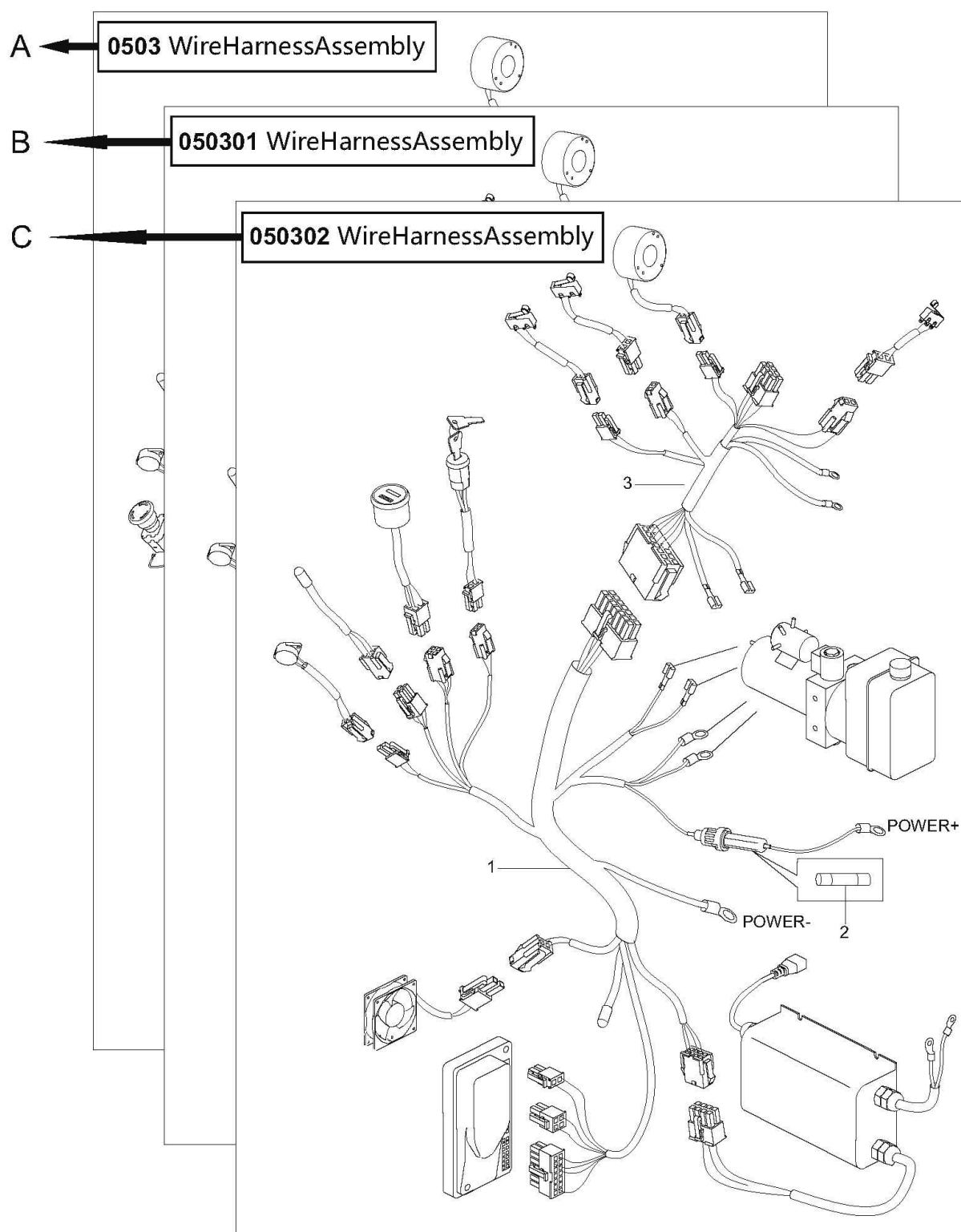
#### 3) 1 (数字) + 8 (数字)

适用时间: 2015 年 6 月 1 日至今





## 帮助 2:



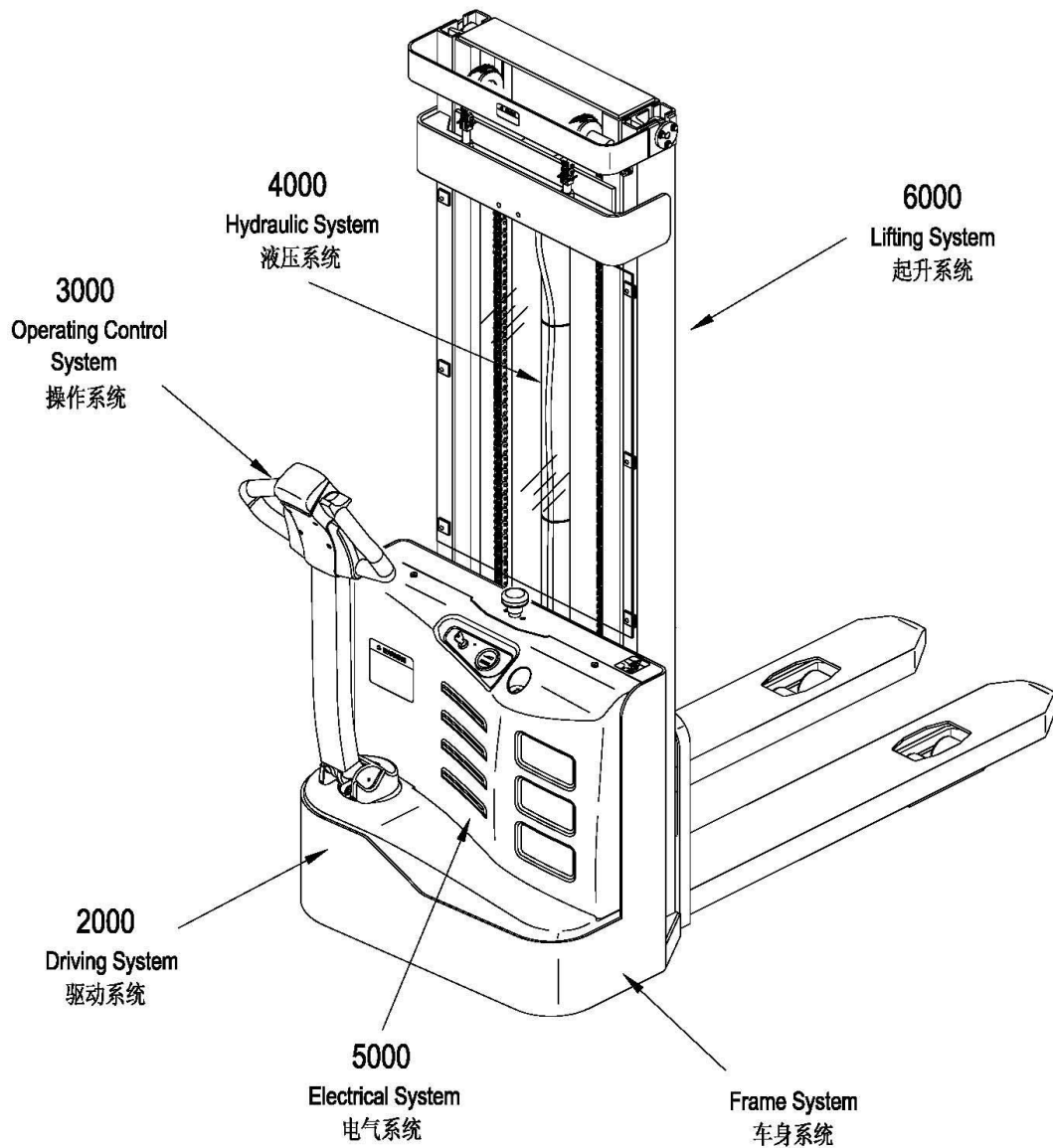
**A:** 章节 0503 表示原始版本;

**B:** 章节 050301 表示在原始版本 (章节 0503) 上零件有所变更;

**C:** 章节 050302 表示在变更版本 (章节 050301) 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。

## Major Assemblies



**WARNING:** Note that illustrations of assemblies and components may not necessarily conform to the exact installation as they appear on your truck. But this Manual can help you locate specific parts information of your truck.

**注意:** 表达在零件目录上的总成和结构内容可能不会完全地出现在您的车型上，但是您可以在零件目录中查询到您所选购车型的零件信息。

## Index 目录

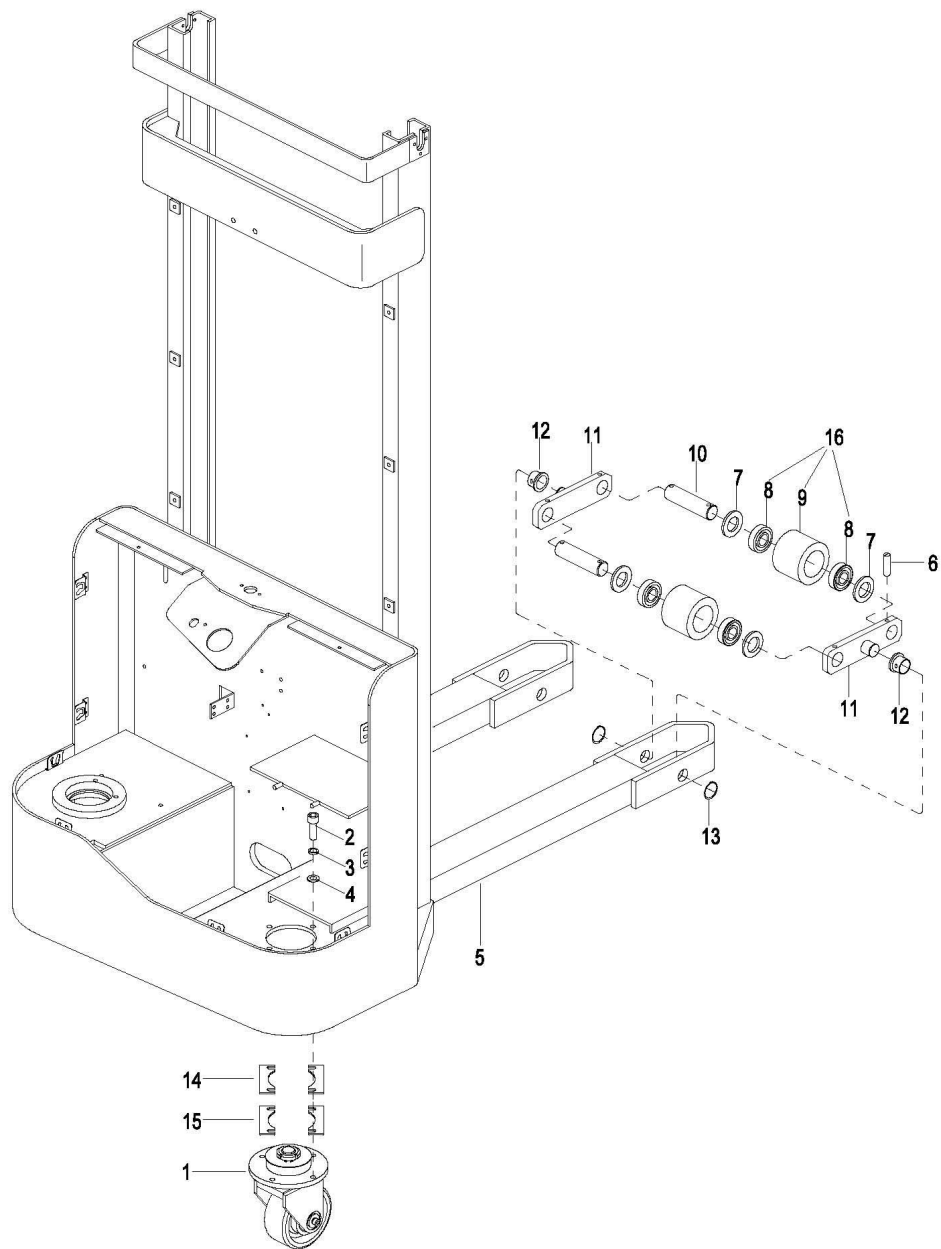
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**1000**

**Frame System**

车身系统

0101 Single Stage Mast Frame System  
单级门架车架系统

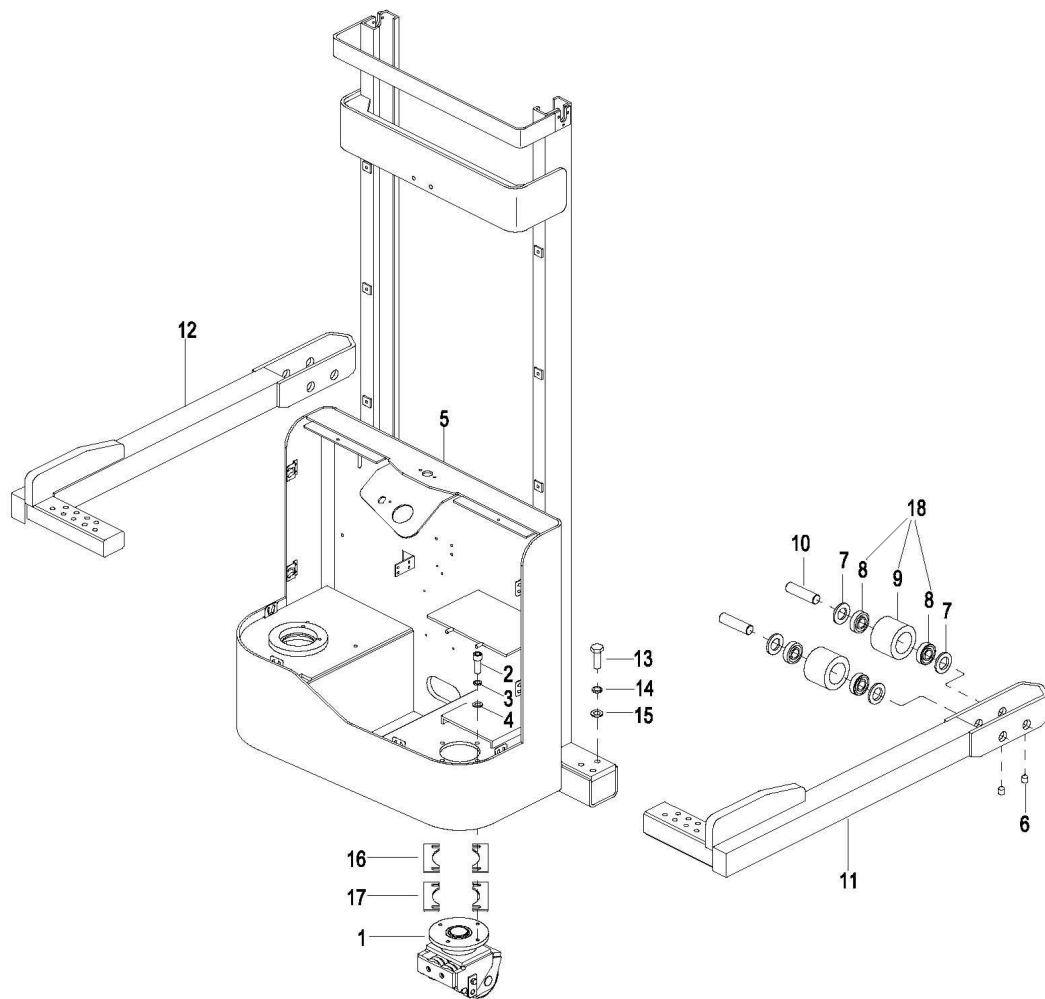


0101 Single Stage Mast Frame System

单级门架车架系统

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	1220-140000-00	Caster Assembly I	万向轮总成 I 见 0106	1		See 0106, Superseded by 1216-180000-10
1	1216-180000-10	Caster Assembly I	万向轮总成 I 见 010601	1		See 010601,BGD-20-0 29104
2	0000-000322-00	Screw M8×25	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000194-00	Flatwasher ø8	平垫	4		
5	01 2111-110000-20	Frame	车架	1	-S24120014	
	02 2111-110000-2A	Frame	车架	1	S24120015-	570mm
5	2111AA-111000-00	Frame	车架	1		685mm
6	01 0000-000679-00	Pin ø4×30	弹性圆柱销	8		Cancelled
	02 0000-001023-00	Round Pin ø4×35	弹性圆柱销	8	-424150330	
	03 0000-001457-00	Round Pin ø4×35	卷制弹性圆柱销	8	424150331-	
7	0000-000435-00	Flatwasher ø20	平垫	8	-081014	
8	0000-000020-00	Bearing 6204	轴承	8		
9	1115-133002-0B	Loading Wheel	PU 承载轮	4		
10	01 1115-130007-00	Shaft	承载轮销轴	4		Cancelled
	02 1115-130007-0A	Shaft	承载轮销轴	4		
11	01 1115-130006-00	Bracket	夹板	4	-081014	
	02 1115-130006-0A	Bracket	夹板	4	081014-	Superseded by 2108-120001-00
	03 2108-120001-00	Bracket	夹板	4		EP20210809
12	01 0000-000909-00	Bushing1815	自润滑轴承	4	-081014	
	02 0000-000778-00	Bushing1815F	自润滑轴承	4	081014-	
13	0000-000293-00	Retainer Ring ø20	轴用挡圈	4	-081014	
14	01 2130-140004-00	Washer	万向轮调整垫片	Req.		Cancelled
	02 2108-100001-10-01	Washer	万向轮调整垫片	Req.		THK=1mm
15	01 2140-140005-00	Washer	万向轮调整垫片	Req.		Cancelled
	02 2108-100001-10-03	Washer	万向轮调整垫片	Req.		THK=3mm
16	1115-133000-0A	PU wheel unit	PU 轮组	4	With bearing	

0102 Single Stage Mast (Straddle) Frame System  
单级门架（宽腿）车架系统



0102 Single Stage Mast (Straddle) Frame System

单级门架（宽腿）车架系统

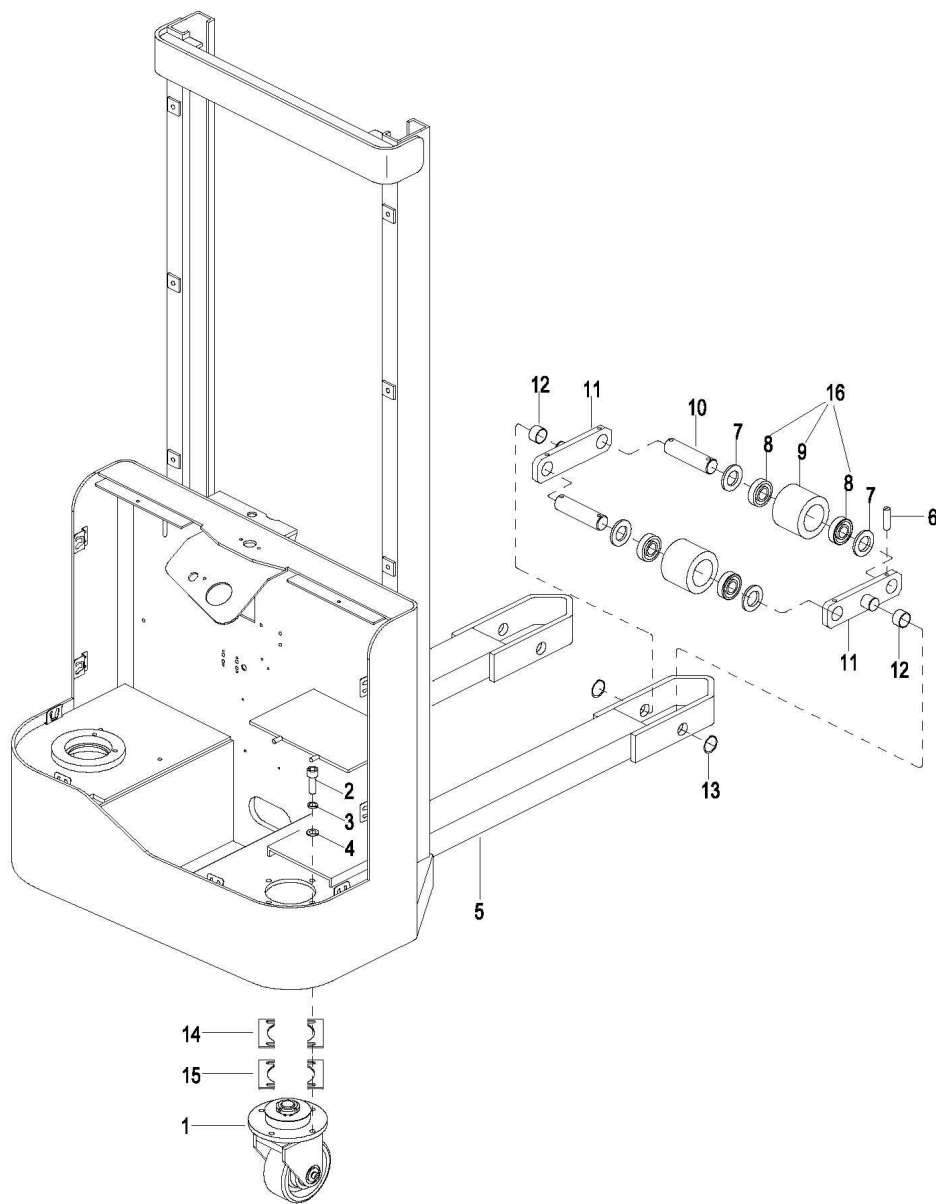
Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2108-140000-1A	Caster Assembly II See 0107	万向轮总成 II 见 0107	1		
2	0000-000322-00	Screw M8×25	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000194-00	Flatwasher ø8	平垫	4		
5	01 2111-110000-30	Frame	车架	1	-S24120014	
	02 2111-110000-3A	Frame	车架	1	S24120015-	
6	01 0000-000369-00	Screw M5×16	螺钉	4		Cancelled
	01 0000-001521-00	Screw M5×10	螺钉	4	-101513	
		Screw M6×10	螺钉			Superseded
	02 0000-000957-00			4	101513-	by30200500000
	03 302005000002	Screw M6×10	螺钉	4		BGD-23-000120
7	2125-101003-00	Washer	垫片	8		
8	0000-000424-00	Bearing 6205-2Z	轴承	8		
9	2125-101001-00	Loading Wheel	PU 承载轮	4		
10	01 2125-101002-00	Shaft	前轮轴	4		Superseded by 2108-101002-10
	02 2108-101002-10	Shaft	销轴	4		BGD-23-000120
11	2108-130000-10	End Frame R	右支撑腿	1		
12	2108-120000-10	End Frame L	左支撑腿	1		
13	0000-001177-00	Bolt M16×50	螺栓	6		
14	0000-000191-00	Lockwasher ø16	弹垫	6		
15	0000-000541-00	Flatwasher ø16	平垫	6		
16	01 2130-140004-00	Washer	万向轮调整垫片	Req.		Cancelled
	02 2108-100001-10-01	Washer	万向轮调整垫片	Req.		THK=1mm
17	01 2140-140005-00	Washer	万向轮调整垫片	Req.		Cancelled
	02 2108-100001-10-03	Washer	万向轮调整垫片	Req.		THK=3mm
18	2125-10101X-00	PU wheel unit	PU 轮组	4		With bearing



0103

Duplex Mast Frame System

两级门架车架系统



0103 Duplex Mast Frame System

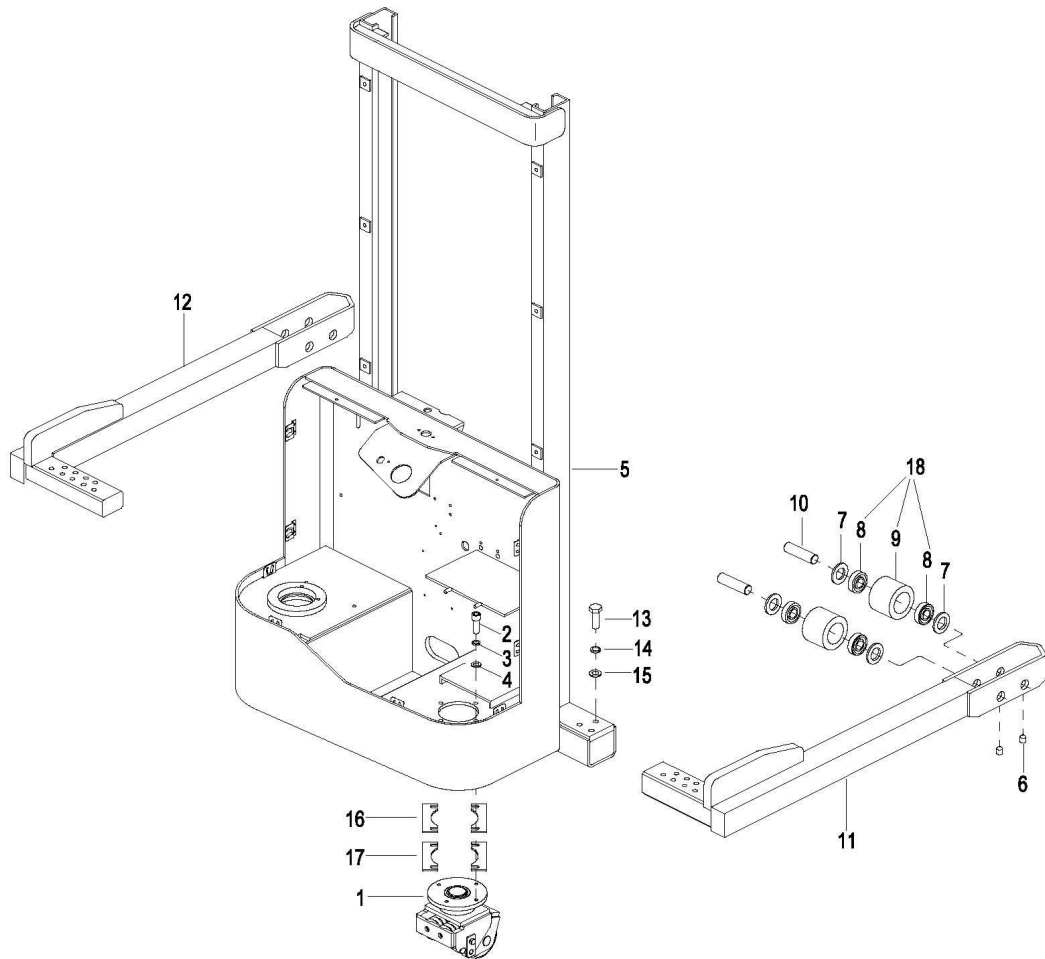
两级门架车架系统

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	1220-140000-00	Caster Assembly I	万向轮总成 I 见 0106	1		See 0106, Superseded by 1216-180000-10
1	1216-180000-10	Caster Assembly I	万向轮总成 I 见 010601	1		See 010601,BGD-20- 029104
2	0000-000322-00	Screw M8×25	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000194-00	Flatwasher ø8	平垫	4		
5	2111-110000-00	Frame	车架	1		
6 01	0000-000679-00	Pin ø4×30	弹性圆柱销	8		Cancelled
02	0000-001023-00	Round Pin ø4×35	弹性圆柱销	8	-424150330	
03	0000-001457-00	Round Pin ø4×35	卷制弹性圆柱销	8	424150331-	
7	0000-000435-00	Flatwasher ø20	平垫	8	-081014	
8	0000-000020-00	Bearing 6204	轴承	8		
9	1115-133002-0B	Loading Wheel	PU 承载轮	4		
10 01	1115-130007-00	Shaft	承载轮销轴	4		Cancelled
02	1115-130007-0A	Shaft	承载轮销轴	4		
11 01	1115-130006-00	Bracket	夹板	4	-081014	
02	1115-130006-0A	Bracket	夹板	4	081014-	Superseded by 2108-120001-00
03	2108-120001-00	Bracket	夹板	4		EP20210809
12 01	0000-000909-00	Bushing1815	自润滑轴承	4	-081014	
02	0000-000778-00	Bushing1815F	自润滑轴承	4	081014-	
13	0000-000293-00	Retainer Ring ø20	轴用挡圈	4	-081014	
14 01	2130-140004-00	Washer	万向轮调整垫片	Req.		Cancelled
02	2108-100001-10-01	Washer	万向轮调整垫片	Req.		THK=1mm
15 01	2140-140005-00	Washer	万向轮调整垫片	Req.		Cancelled
02	2108-100001-10-03	Washer	万向轮调整垫片	Req.		THK=3mm
16	1115-133000-0A	PU wheel unit	PU 轮组	4	With bearing	

0104

Duplex Mast (Straddle) Frame System

两级门架（宽腿）车架系统



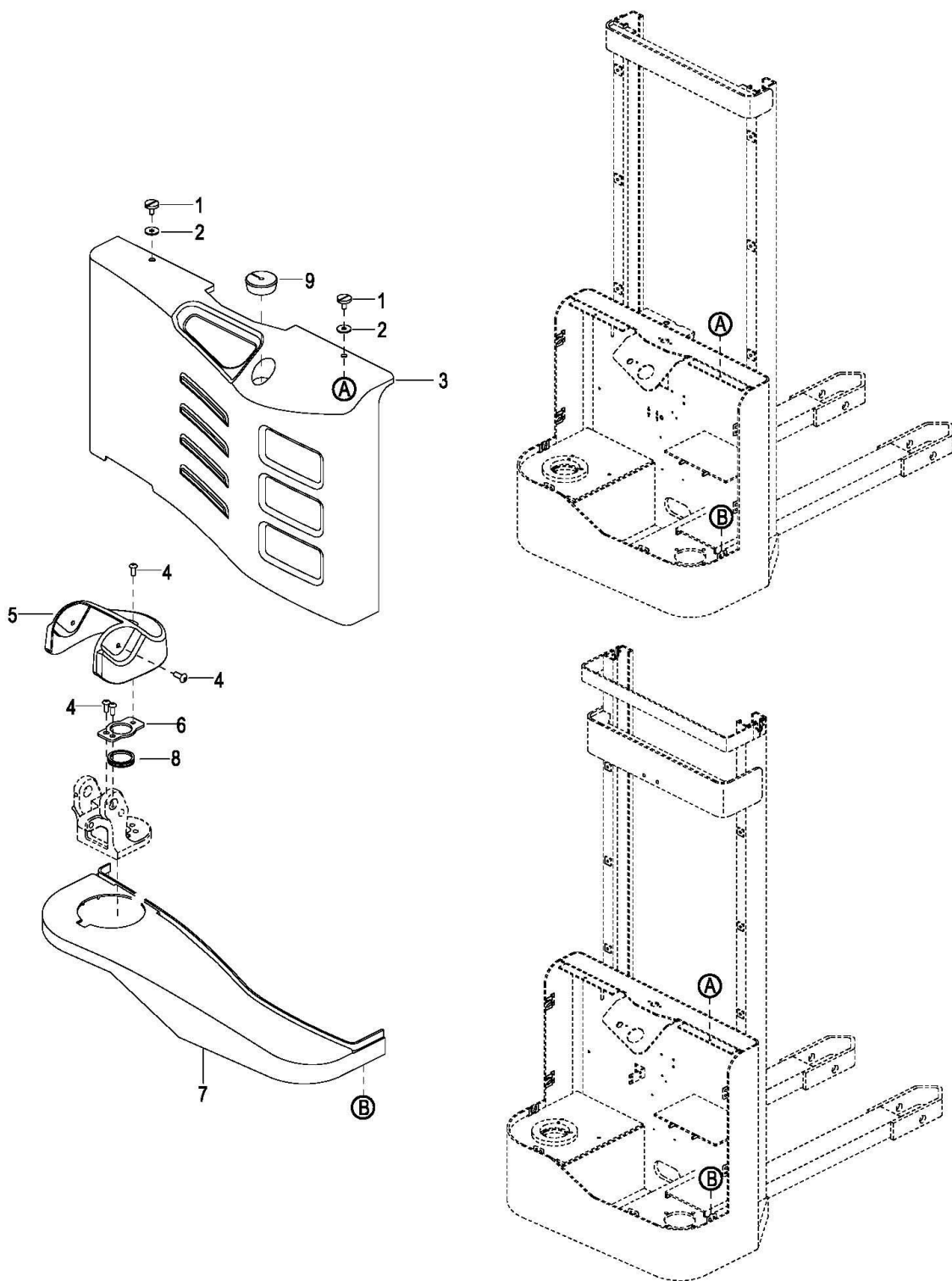
0104 Duplex Mast (Straddle) Frame System

两级门架（宽腿）车架系统

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	2108-140000-1A	Caster Assembly II See 0107	1		
2	0000-000322-00	Screw M8×25	4		
3	0000-000159-00	Lockwasher ø8	4		
4	0000-000194-00	Flatwasher ø8	4		
5	2111-110000-10	Frame	1		
6	01 0000-000369-00	Screw M5×16	4		Cancelled
	01 0000-001521-00	Screw M5×10	4	-101513	
		Screw M6×10			Superseded
	02 0000-000957-00		4	101513-	by30200500000
	03 302005000002	Screw M6×10	4		BGD-23-000120
7	2125-101003-00	Washer	8		
8	0000-000424-00	Bearing 6205-2Z	8		
9	2125-101001-00	Loading Wheel	4		
10	01 2125-101002-00	Shaft	4		Superseded by 2108-101002-10
	02 2108-101002-10	Shaft	4		BGD-23-000120
11	2108-130000-10	End Frame R	1		
12	2108-120000-10	End Frame L	1		
13	0000-001177-00	Bolt M16×50	6		
14	0000-000191-00	Lockwasher ø16	6		
15	0000-000541-00	Flatwasher ø16	6		
16	01 2130-140004-00	Washer	Req.		Cancelled
	02 2108-100001-10-01	Washer	Req.		THK=1mm
17	01 2140-140005-00	Washer	Req.		Cancelled
	02 2108-100001-10-03	Washer	Req.		THK=3mm
18	2125-10101X-00	PU wheel unit	4		With bearing

0105 Cover Assembly

外罩总成

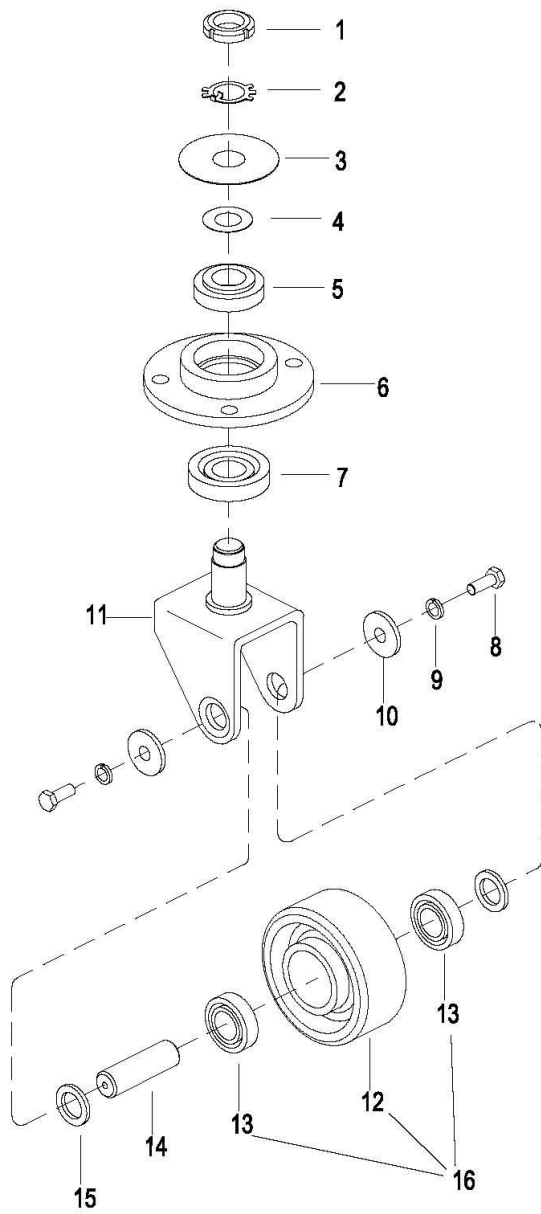


0105 Cover Assembly

外罩总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	1120-150004-00	Screw M6×25	螺钉	2		
2	2214-150002-00	Washer ø8	垫片	2		
3	2108-100002-00	Cover	上罩	1		
4	0000-000179-00	Screw M6×10	螺钉	5		
5	2108-100004-00	Rotation Cover	旋转罩	1		
6	2108-100005-00	Bracket	旋转罩安装板	1		
7	2108-100003-00	Cover	下罩	1		
8	3218-120001-00	Washer	出线圈	1		
9	1115-120002-00	Charger Cap	充电线盖	1		

0106 Caster Assembly I  
万向轮总成 I



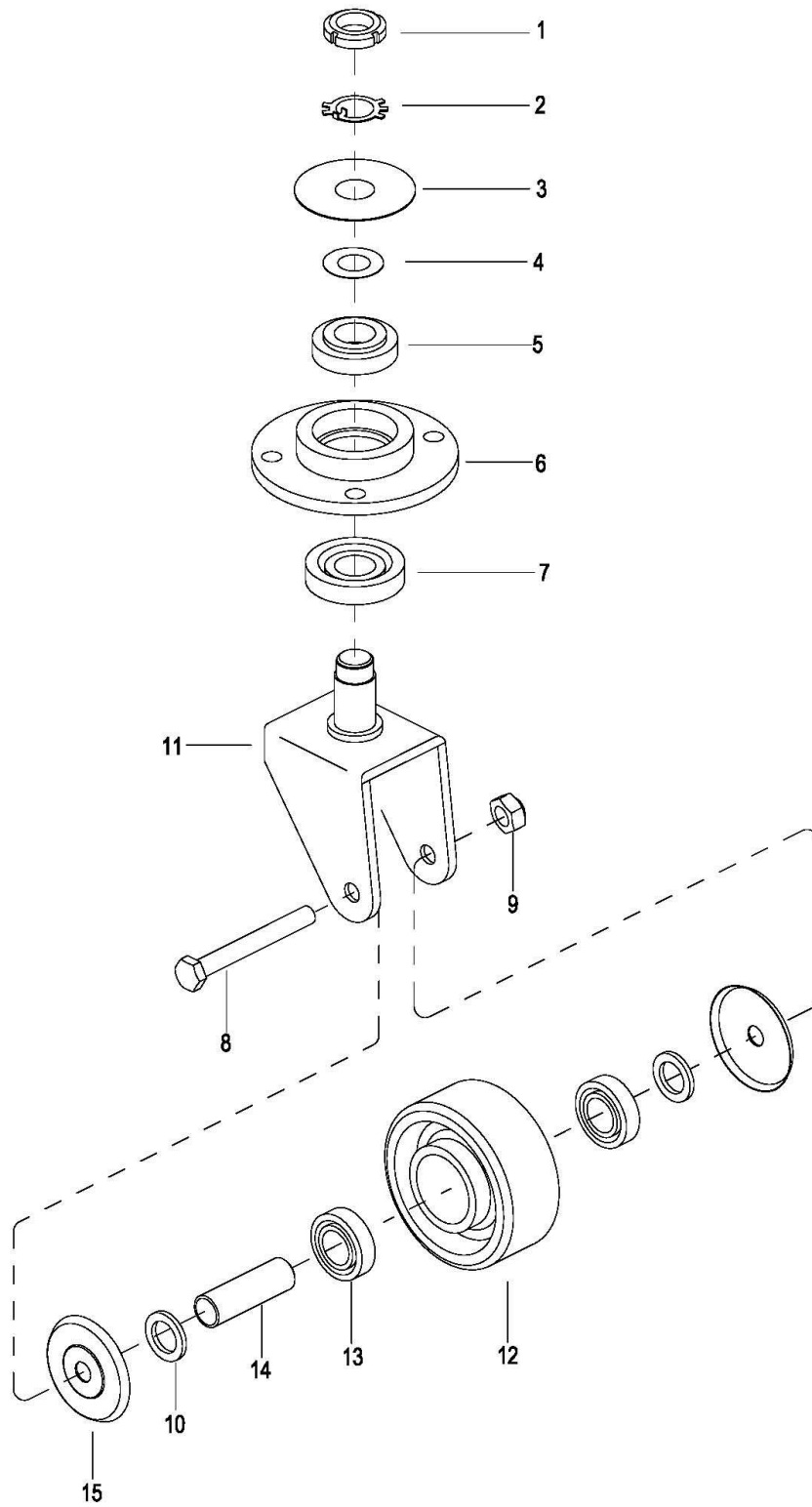
0106 Caster Assembly I

万向轮总成 I

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	0000-000093-00	Nut M27×1.5	螺母	1	-4301609971	
2	0000-000094-00	Lockwasher ø27	弹垫	1	-4301609971	
3	1220-140001-00	Ring	挡片	1	-4301609971	
4	1220-140005-00	Washer	垫片	1	-4301609971	
5	0000-000420-00	Bearing 6206-2RZ	轴承	1	-4301609971	
6	1220-140002-00	Bearing Block	轴承座	1	-4301609971	
7	0000-000421-00	Bearing 6306-2RZ	轴承	1	-4301609971	
8	0000-000242-00	Bolt M8×16	螺栓	2	-4301609971	
9	0000-000159-00	Lockwasher ø8	弹垫	2	-4301609971	
10	1220-140004-00	Washer	垫圈	2	-4301609971	
11	1220-141000-00	Wheel Bracket	轮支架	1	-4301609971	
12	01 1220-142001-00	Loading Wheel	PU 轮	1		Superseded by 1220-142001-00-01
	02 1220-142001-00-01	Loading Wheel	PU 轮	1	-4301609971	EP20200918
13	0000-000100-00	Bearing 6205	轴承	2	-4301609971	
14	1220-142002-00	Shaft	轮轴销	1	-4301609971	
15	1220-140003-00	Washer	调整垫圈	2	-4301609971	
16	1216-182000-10	PU wheel Unit	PU 轮组	1	-4301609971	With bearing



010601 Caster Assembly I  
万向轮总成 I



010601 Caster Assembly I

万向轮总成 I

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	0000-000093-00	Nut M27×1.5	螺母	1	4301609972-4321 104028	BGD-20-029104
2	0000-000094-00	Lockwasher ø27	弹垫	1	4301609972-4321 104028	BGD-20-029104
3	1220-140001-00	Washer	挡片	1	4301609972- 4301609972-4321	BGD-20-029104 1mm,BGD-20-029
4	1220-140005-00-01	Washer	垫片	Req.	104028	104
4	1220-140005-00-02	Washer	垫片	Req.	4301609972-4321 104028	3mm,BGD-20-029 104
5	309001000005	Bearing 6206-2Z	轴承	1	4301609972-	BGD-20-029104
6	1220-140002-00	Caster Support	轴承座	1	4301609972-	BGD-20-029104
7	309001000006	Bearing 6306-2Z	轴承	1	4301609972-	BGD-20-029104
8	301000000087	Screw M16×100	螺栓	1	4301609972-	BGD-20-029104
9	0000-001261-00	Nut M16	锁紧螺母	1	4301609972-	BGD-20-029104
10	1220-140003-00	Washer	垫圈	2	4301609972- 4301609972-4321	BGD-20-029104 BGD-20-029104
11	1216-181000-00	Wheel Bracket	轮支架	1	104028	
12	1220-142001-00-01	Balance Wheel	PU 万向轮	1	4301609972-	BGD-20-029104
13	309001000007	Bearing 6205-2RS-C3	轴承	2	4301609972-	BGD-20-029104
14	1216-182002-00	Shaft	轮轴销	1	4301609972-	BGD-20-029104
15	1216-182003-00	Cover	防尘盖	2	4301609972-	BGD-20-029104

010602 Caster Assembly I  
万向轮总成 I

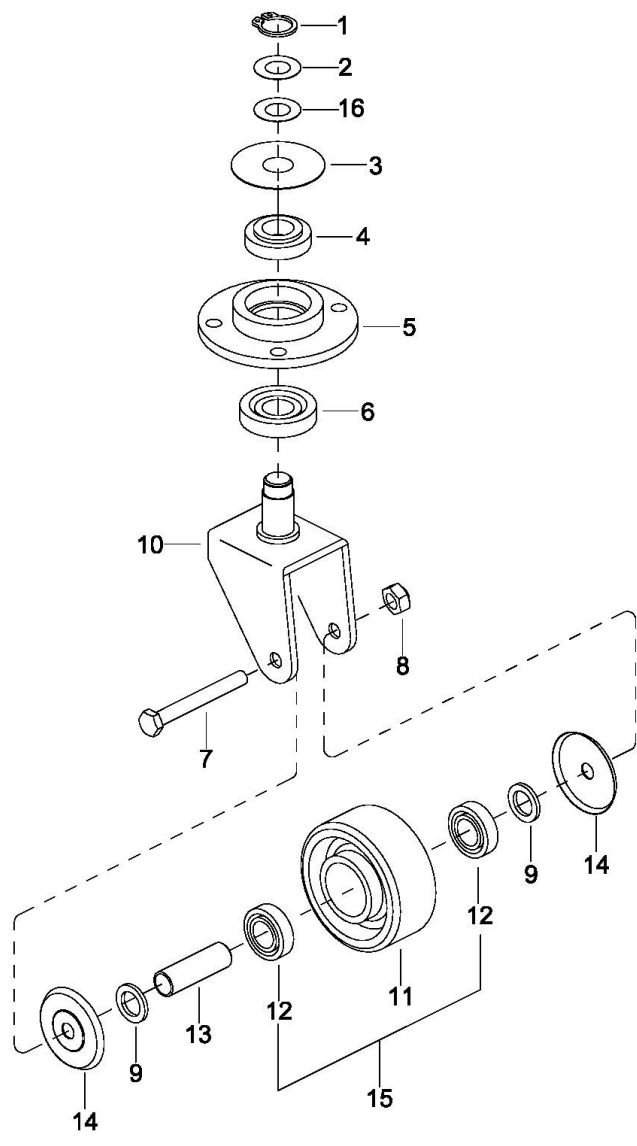


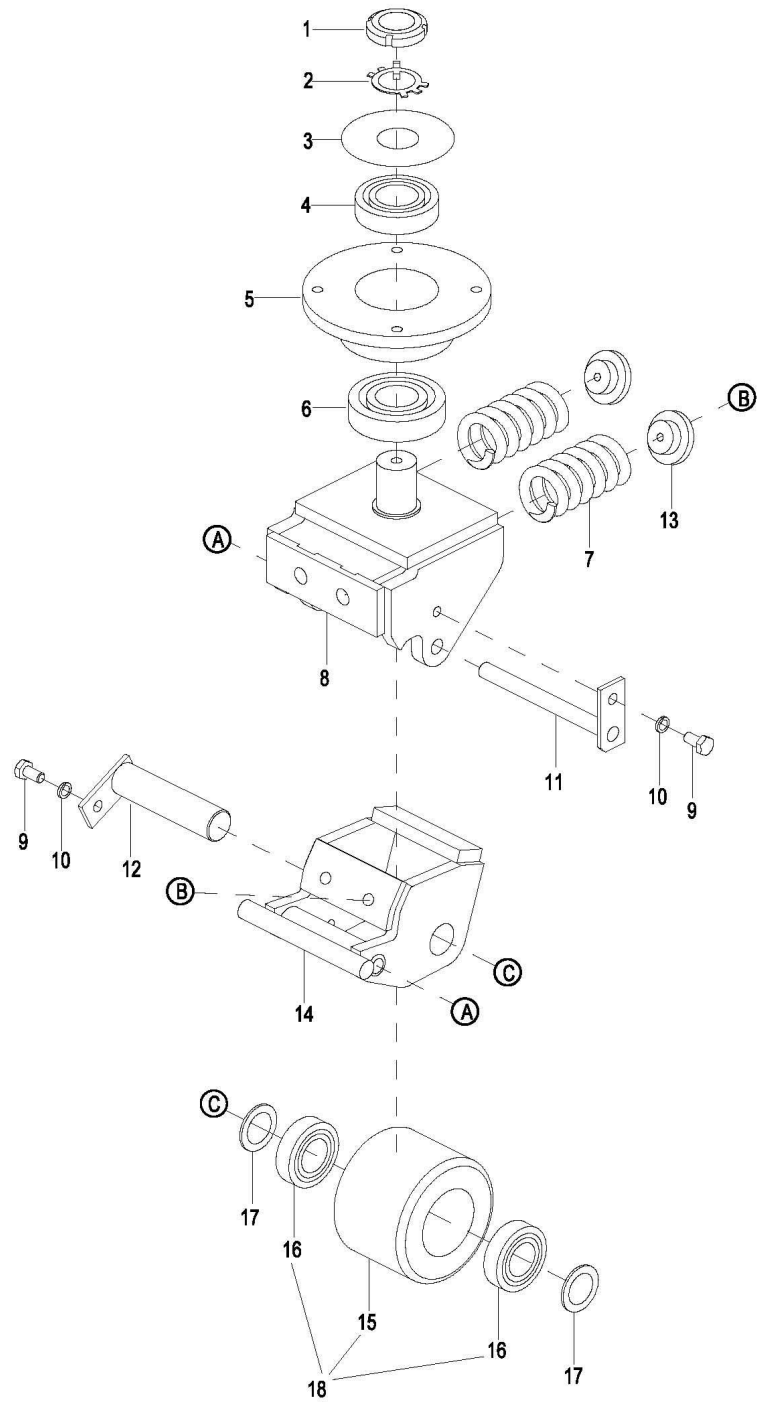
fig1230000900

010602 Caster Assembly I

万向轮总成 I

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	305001000007	Circlips for shaft ø30	轴用弹性挡圈 A 型	1	4321104029-	BGD-22-005464
2	1220-140004-30	Washer	垫片	1	4321104029-	3mm,Req,BGD-22-005464
3	1220-140001-00	Washer	挡片	1		
4	309001000005	Bearing 6206-2Z	轴承	1		
4	1220-140002-00	Caster Support	轴承座	1		
5	309001000006	Bearing 6306-2Z	轴承	1		
6	301001000063	Bolt M16×100	螺栓	1		
7	303022000002	Nut M16	锁紧螺母	1		
8	1220-140003-00	Washer	垫圈	2		
9	1216-181000-0A	Wheel Bracket	轮支架	1	4321104029-	BGD-22-005464
10	1220-142001-00-01	Balance Wheel	PU 万向轮	1		
11	309001000007	Bearing 6205-2RS-C3	轴承	2		
12	1216-182002-00	Shaft	轮轴销	1		
13	1216-182003-00	Cover	防尘盖	2		
14	1216-182000-10	PU Wheel unit	PU 轮组件	1		
15	1216-180001-30	Washer	垫片	1	4321104029-	1mm,Req,BGD-22-005464

0107 Caster Assembly II  
万向轮总成 II



0107 Caster Assembly II

万向轮总成 II

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用日期	备注
1	0000-000093-00	Nut M27×1.5	1		
2	0000-000094-00	Washer ø27	1		
3	1220-140001-00	Snap Ring	1		
4	0000-000420-00	Bearing 6206-2RZ	1		
5	2140-140002-00	Bearing Block	1		
6	0000-000421-00	Bearing 6306-2RZ	1		
7	2140-140004-00	Spring	2		
8	2140-141000-00	Yoke	1		
9	0000-000242-00	Bolt M8×16	2		
10	0000-000159-00	Lockwasher ø8	2		
11	2140-142000-00	Hinge Pin	1		
12	2140-145000-00	Shaft	1		
13	2140-140003-00	Shaft	2		
14	2140-143000-00	Yoke	1		
15	2125-101001-00	PU Wheel	1		
16	0000-000424-00	Bearing 6205-2Z	2		
17	0000-000249-00	Flatwasher ø24	2		
18	2125-10101X-00	PU wheel unit	4		With bearing

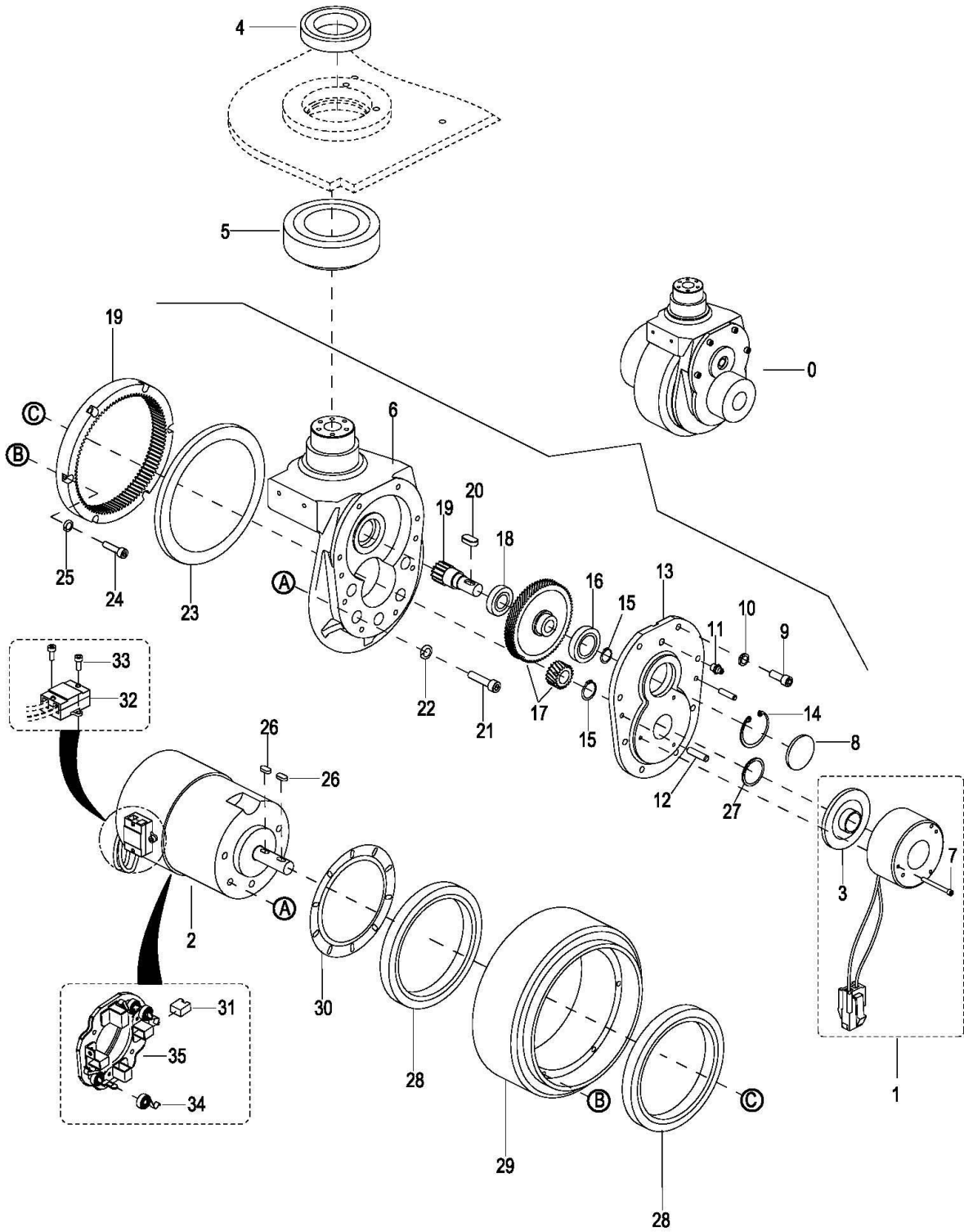
**2000**

**Driving System**

驱动系统

0201 Driving System

驱动系统





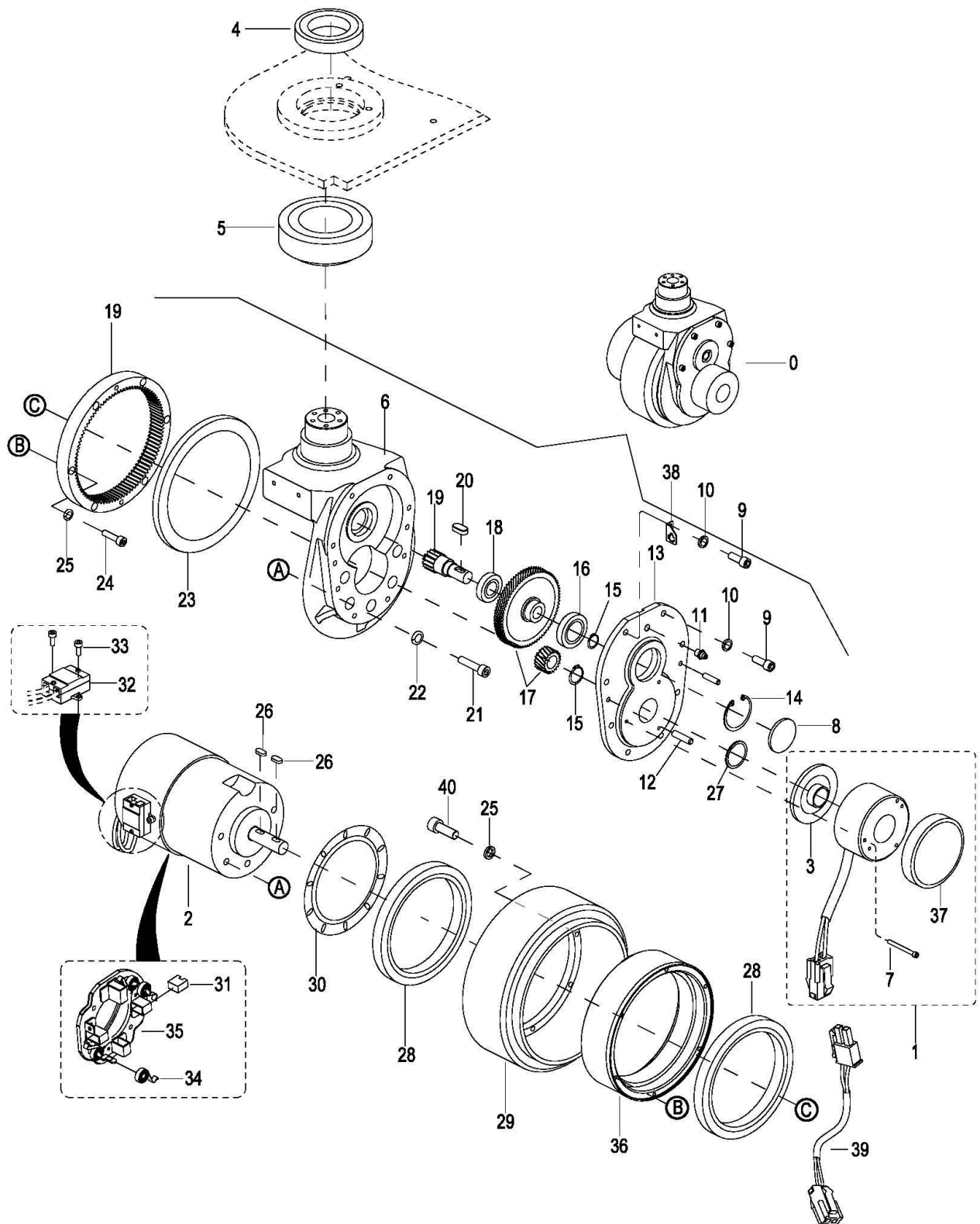
## 0201 Driving System

## 驱动系统

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
0	2108-200000-00	Driving Assembly	驱动单元总成	1	-426150000	
1	2108-220000-00	Brake Assembly	制动器总成	1		
2	1115-250000-00	Motor	电机	1		
3	1115-240001-00	Brake	刹车片	1		
4	0000-000657-00	Bearing 6010-Z	轴承	1		
5	0000-000668-00	Bearing 30212	圆锥滚子轴承	1		
6	2108-200002-00	Gear Box Casing	箱体	1		
7	0000-000665-00	Screw M4×45	螺钉	3		
8	1115-200007-00	Cap	闷盖	1		
9	0000-000386-00	Screw M6×20	螺钉	8		
10	0000-000056-00	Lockwasher ø6	弹垫	8		
11	0000-000013-00	Grease Fitting M8	直通式压注油杯	1		
12	0000-000704-00	Pin ø6×20	定位销	2		
13	1115-200001-00	Gear Box Cap	箱盖	1		
14	0000-000658-00	Clip ø42	孔用弹性挡圈	1		
15	0000-000659-00	Clip ø15	挡圈	2		
16	0000-000667-00	Bearing 61905Z	轴承	1		
17	1115-GSX-10	Gear Kit	齿轮修理包	1		The kit includes 2 gears (Pos.17)
18	0000-000680-00	Bearing 16003Z	轴承	1		
19	1115-GSX-20	Gear Kit	齿轮修理包	1		The kit includes 2 gears (Pos.19)
20	0000-000660-00	Parallel Key 5×5×18	平键	1		
21	0000-000026-00	Screw M8×30	螺钉	5		
22	0000-000159-00	Lockwasher ø8	弹垫	5		
23	0000-000670-00	Oil Seal ø155×172×10	骨架油封	1	-426150000	
24	0000-000661-00	Screw M5×20	螺钉	6		
25	0000-000206-00	Lockwasher ø5	弹垫	6		
26	0000-000662-00	Parallel Key 5×5×12	平键	2		
27	0000-000671-00	Oil Seal ø16×28×7	骨架油封	1		
28	0000-000663-00	Bearing 61824-2RS	轴承	2		
29	1115-220000-00	Driving Wheel	驱动轮	1	-426150000	
30	1115-200010-00	Bearing Baffle	轴承挡板	1		
31	1115-250001-00	Brush	碳刷	4		
32	1115-231000-00	Bracket	电机线安装座	1		
33	0000-000004-00	Screw M5×12	螺钉	2		
34	1115-250002-00	Brush Spring	碳刷弹簧	4		
35	1115-250003-00	Holder Brush	碳刷架	1		

020101 Driving System

驱动系统



## 020101 Driving System

## 驱动系统

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
0	2108-200000-A0	Driving Assembly	驱动单元总成	1	426150001-	
1	01 2108-220000-00	Brake Assembly	制动器总成	1	-426200143	
	02 1115-520012-0A	Brake Assembly	制动器总成	1	426200144-42	
					7190826	
	03 1115-520012-10	Brake Assembly	制动器总成	1	427190827-	EP20181228, Superseded
						by BR01-500000-00
	04 BR01-500000-00	Brake Assembly	制动器总成	1	427190827-	BGD-22-003816
2	1115-250000-00	Motor	电机	1		
3	1115-240001-00	Brake	刹车片	1		
4	0000-000657-00	Bearing 6010-Z	轴承	1		
5	0000-000668-00	Bearing 30212	圆锥滚子轴承	1		
6	2108-200002-00	Gear Box Casing	箱体	1		
7	01 0000-000665-00	Screw M4×45	螺钉	3	-426200143	
	02 1115-240003-0A	Screw	螺钉	3	426200144-	
8	1115-200007-00	Cap	闷盖	1		
9	0000-000386-00	Screw M6×20	螺钉	8		
10	0000-000056-00	Lockwasher ø6	弹垫	8		
11	0000-000013-00	Grease Fitting M8	直通式压注油杯	1		
12	0000-000704-00	Pin ø6×20	定位销	2		
13	1115-200001-00	Gear Box Cap	箱盖	1		
14	0000-000658-00	Clip ø42	孔用弹性挡圈	1		
15	0000-000659-00	Clip ø15	挡圈	2		
16	0000-000667-00	Bearing 61905Z	轴承	1		
17	1115-GSX-10	Gear Kit	齿轮修理包	1		The kit includes 2 gears (Pos.17)
18	0000-000680-00	Bearing 16003Z	轴承	1		
19	01 1115-GSX-20	Gear Kit	齿轮修理包	1	-427211547	The kit includes 2 gears (Pos.19)
	02 1115-GSX-2A	Gear Kit	齿轮修理包	1	427211548-	The kit includes 2 gears (Pos.19) EP20191227
20	0000-000660-00	Parallel Key 5×5×18	平键	1		
21	0000-000026-00	Screw M8×30	螺钉	5		
22	0000-000159-00	Lockwasher ø8	弹垫	5		
23	0000-001788-00	Oil Seal ø155×173×10	骨架油封	1	426150001-	
24	01 0000-000661-00	Screw M5×20	螺钉	12		replaced by #302001000091
	02 302001000091	Screw M5×25	螺钉	6	-427211547	
	03 1115-200021-D0	Screw M5×30	螺钉	6	427211548-	EP20191227
25	0000-000206-00	Lockwasher ø5	弹垫	12		
26	0000-000662-00	Parallel Key 5×5×12	平键	2		
27	0000-000671-00	Oil Seal ø16×28×7	骨架油封	1		
28	0000-000663-00	Bearing 61824-2RS	轴承	2		
29	01 1115-220000-A0	Driving Wheel	驱动轮	1	426150001-42	
	02 1115-220000-D0	Driving Wheel	驱动轮	1	427211548-	EP20191227
30	1115-200010-00	Bearing Baffle	轴承挡板	1		

31	1115-250001-00	Brush	碳刷	4
32	1115-231000-00	Bracket	电机线安装座	1
33	0000-000004-00	Screw M5×12	螺钉	2
34	1115-250002-00	Brush Spring	碳刷弹簧	4

#### 020101 Driving System

##### 驱动系统

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
35	1115-250003-00	Holder Brush	碳刷架	1		
36	01 1115-200001-A0	Inner rim	内轮圈	1	426150001-42	
	02 1115-200001-D0	Inner rim	内轮圈	1	427211548-	EP20191227
37	1115-240002-0A	Scraper Seal	防尘圈	1	426200144-	
38	1115-200020-00	Plate	接插件固定板	1	427190827-	EP20181228
39	1115-520020-0A	Brake Wire Harness	制动器转接线束	1	427190827-	EP20181228
40	1115-200022-D0	Screw M6×25	螺钉	6	427211548-	EP20191227

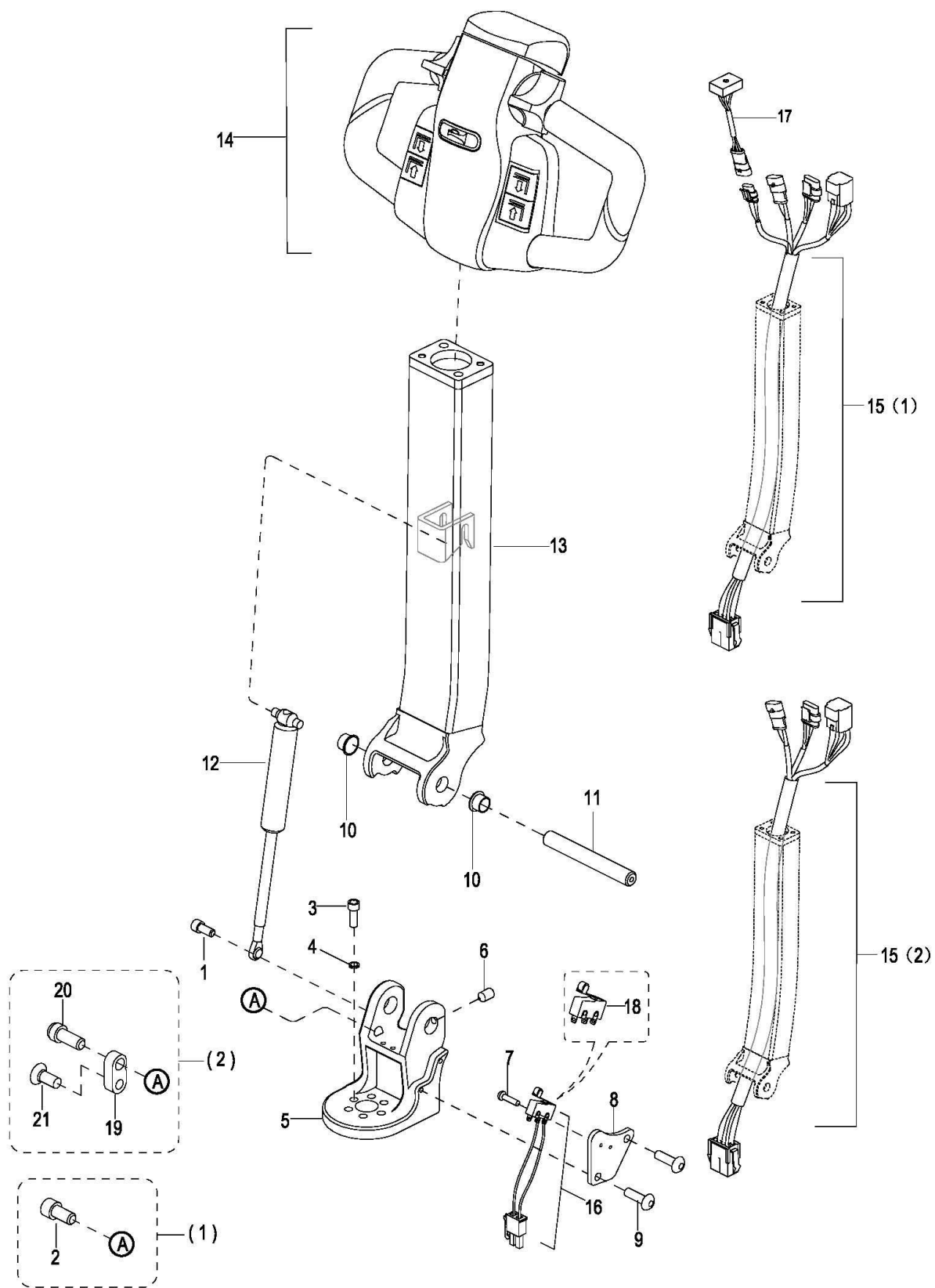
**3000**

**Operating Control System**

**操作系统**

0301 Operating Control Assembly

操作总成



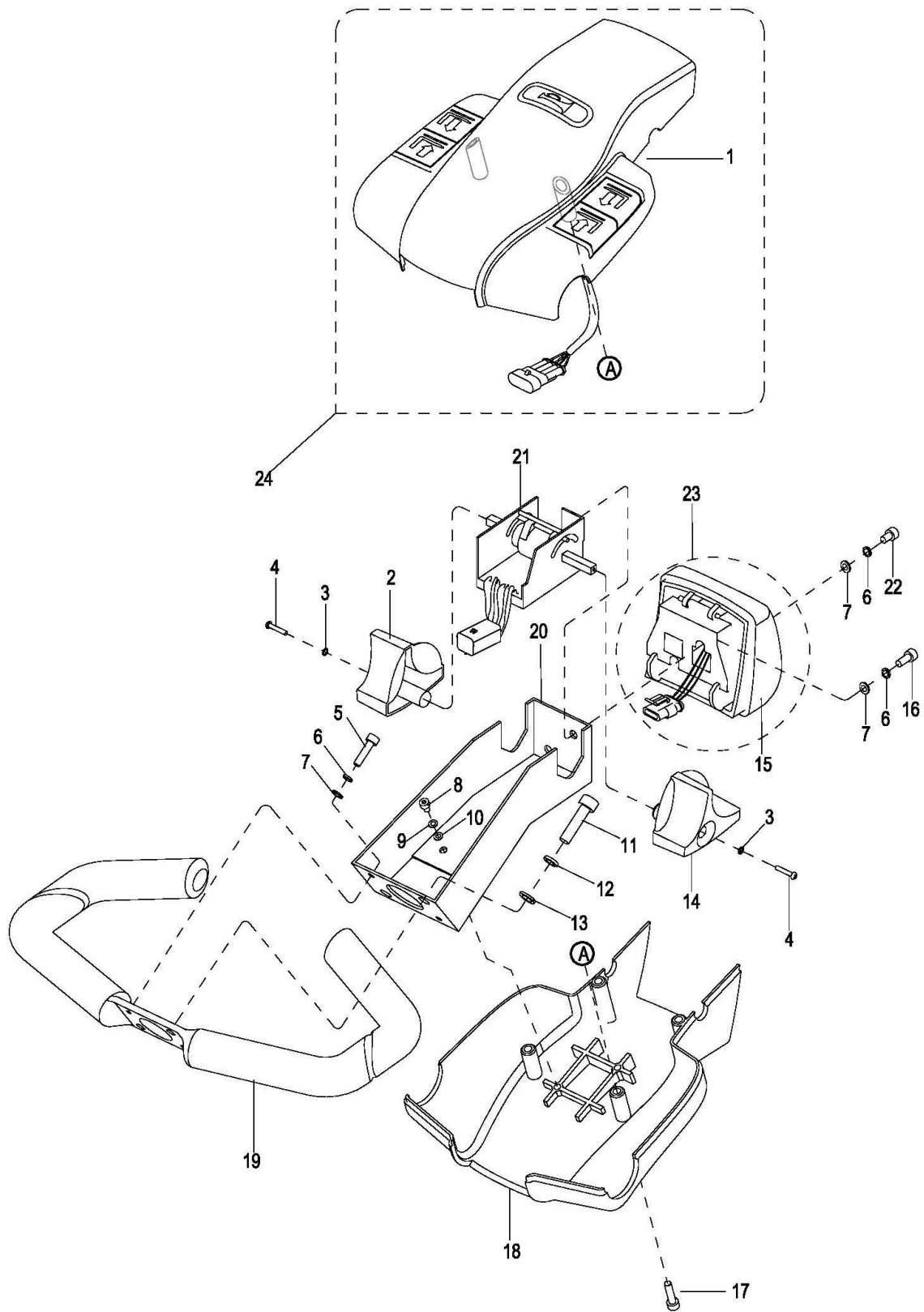
0301 Operating Control Assembly

操作总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	0000-000322-00	Screw M8×25	螺钉	1		
2	0000-000030-00	Screw M10×16	螺钉	1	-S2321109	With (1)
3	0000-000026-00	Screw M8×30	螺钉	6		
4	0000-000159-00	Lockwasher ø8	弹垫	6		
5 01	2108-300003-00	Bracket	关节座	1	071012-S232	
02	2108-300003-0A	Bracket	关节座	1	S2321110-	
6	0000-000016-00	Screw M6×8	紧固螺钉	1		
7	0000-000120-00	Screw M2×8	螺钉	2		
8	1115-500001-00	Bracket	互锁开关安装板	1		
9	0000-000651-00	Screw M4×8	螺钉	2		
10	0000-000677-00	Bushing 1610	自润滑翻遍轴套	2		
11	2108-300002-00	Shaft	关节轴	1		
12 01	1120-320000-00	Gas Spring	气弹簧	1	-E212060	Superseded by 1115-320000-0A
02	1115-320000-0A	Gas Spring	气弹簧	1	E212061-	EP20190903
13	1115-310000-00	Control Handle Assembly	手柄管	1		
					-427102394	With Wire,
14 01	1115-320000-00	Control Pod Assembly See 0302	手柄头总成 见 0302	1		Superseded by 1115-340000-00-70
02	1115-340000-00-70	Control Pod Assembly	手柄头总成 见 030201	1	427102395-	With Wire
15 01	1115-520010-00	Wire Harness	弯管线束	1		
02	1115-520010-D0	Wire Harness	弯管线束	1		For Europe
16	1115-520009-0A	Switch Assembly	互锁开关线束	1		
17	1115-520017-00	Potentiometer Wire Harness	电位器线束	1		
18	1220-560001-00	Inching Switch I	微动开关 I	1		
19	1115-300003-00	Proximity Block	限位块	1	S2321110-	With (2)
20	1115-300004-00	Screw	限位改制螺钉	1	S2321110-	With (2)
21	0000-001101-00	Screw M8×20	螺钉	1	S2321110-	With (2)

0302 Control Handle Assembly

操作手柄总成





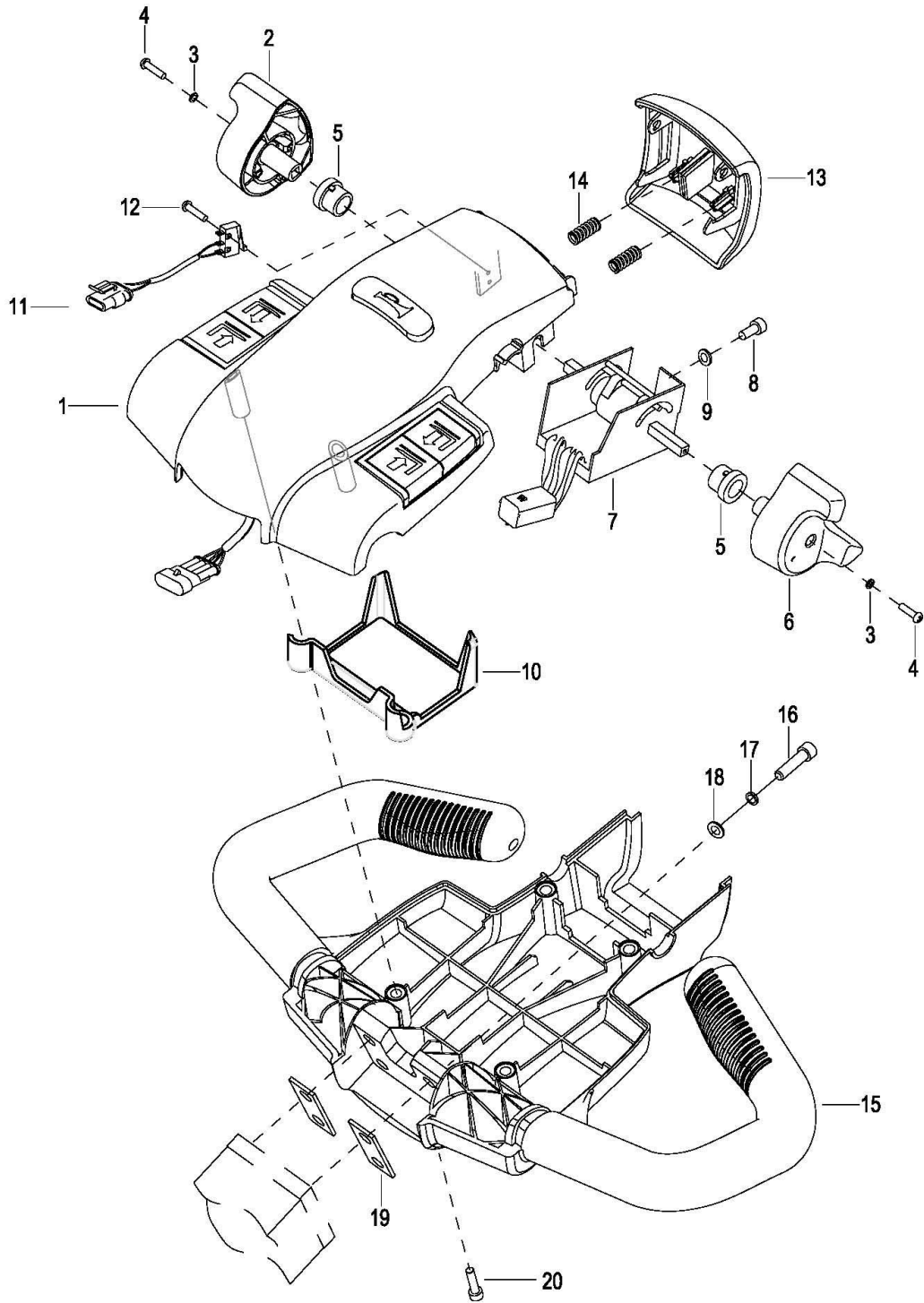
0302 Control Pod Assembly

操作手柄总成

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	1120-342000-00	Cap Assembly	1	-427102394	Without Wire
2	1120-340005-00	Control Knob	1	-427102394	
3	0000-000038-00	Lockwasher ø3	2	-427102394	
4	0000-000037-00	Screw M3×12	2	-427102394	
5	0000-000004-00	Screw M5×12	2	-427102394	
6	0000-000206-00	Lockwasher ø5	4	-427102394	
7	0000-000390-00	Flatwasher ø5	4	-427102394	
8	0000-000088-00	Screw M4×8	2	-427102394	
9	0000-000122-00	Lockwasher ø4	2	-427102394	
10	0000-000702-00	Flatwasher ø4	2	-427102394	
11	0000-000322-00	Screw M8×25	2	-427102394	
12	0000-000159-00	Lockwasher ø8	2	-427102394	
13	0000-000176-00	Flatwasher ø8	2	-427102394	
14	1120-340003-00	Control Knob	1	-427102394	
15	1120-343000-00	Switch Box Assembly	1	-427102394	Without Wire
16	0000-000004-00	Screw M5×12	1	-427102394	
17	0000-000035-00	Screw M5×20	4	-427102394	
18	1120-340002-00	Cover	1	-427102394	
19	1120-341000-00	Gripe	1	-427102394	
20	1120-340001-00	Pod	1	-427102394	
21	1220-520008-0C	Accelerator Assembly	1	-427102394	
22	0000-000010-00	Screw M5×6	1	-427102394	
23	1115-343000-00-B	Reversing Switch Assembly See 0304	1	-427102394	With Wire
24	1120-342000-00-B	Cap Assembly See 0303	1	-427102394	With Wire

030201 Control Handle Assembly

操作手柄总成



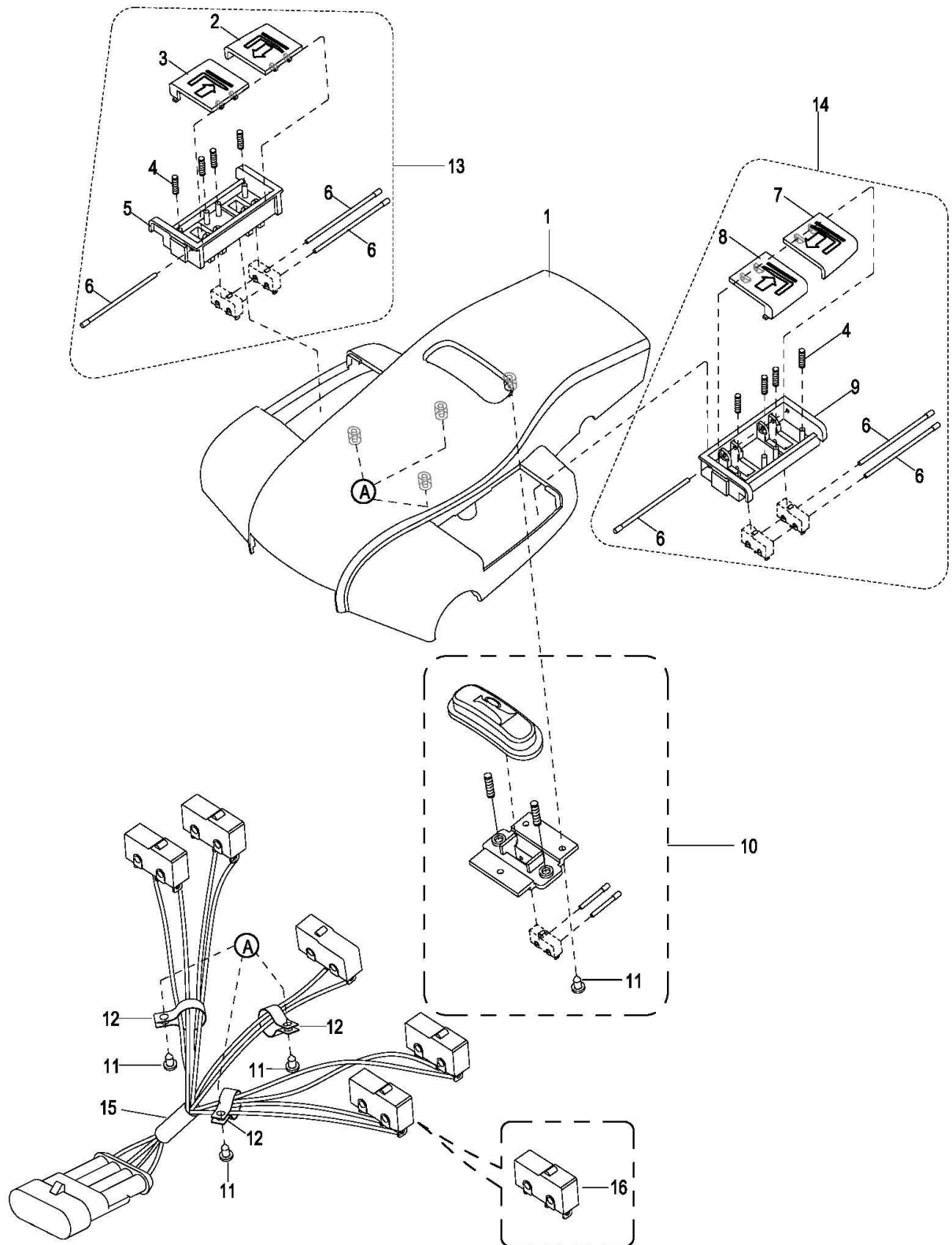
### 030201 Control Pod Assembly

#### 操作手柄头总成

Index	Part No.	Part Name	No. 数	Applied Date	Remark
序号	零件编号	零件名称	量	适用日期	备注
1	1115-341000-00-10	Cap Assembly See 030301	1	427102395-	With Wire
2	1115-340005-00	Travelling Knob R	1	427102395-	
3	0000-000038-00	Lockwasher ø3	2	427102395-	
4	0000-000037-00	Screw M3×12	2	427102395-	
5	1115-340006-00	Seat	2	427102395-	Cancelled,EP20191 112
6	1115-340004-00	Travelling Knob L	1	427102395-	
7	01 1220-520008-0C	Accelerator Assembly	1	427102395-	Superseded by 1120-340004-00-01
	02 1120-340004-00-01	Accelerator Assembly	1	427102395-	EP20200113
8	0000-000323-00	Screw M5×16	1	427102395-	
9	0000-000390-00	Flatwasher ø5	1	427102395-	
10	1115-340007-00	Wire Harness Cover	1	427102395-	
11	1115-520004-10	Reversing Switch Wire	1	427102395-	
12	0000-000989-00	Screw M2×12	2	427102395-	
13	1115-340003-00	Cover	1	427102395-	
14	1121-310004-00	Spring	2	427102395-	
15	1115-340002-00	Cover	1	427102395-	
16	0000-000322-00	Screw M8×25	4	427102395-	
17	0000-000159-00	Lockwasher ø8	4	427102395-	
18	0000-000176-00	Flatwasher ø8	4	427102395-	
19	1115-340001-00	Washer	2	427102395-	
20	0000-000035-00	Screw M5×20	4	427102395-	

0303 Upper Cover Assembly

上盖总成

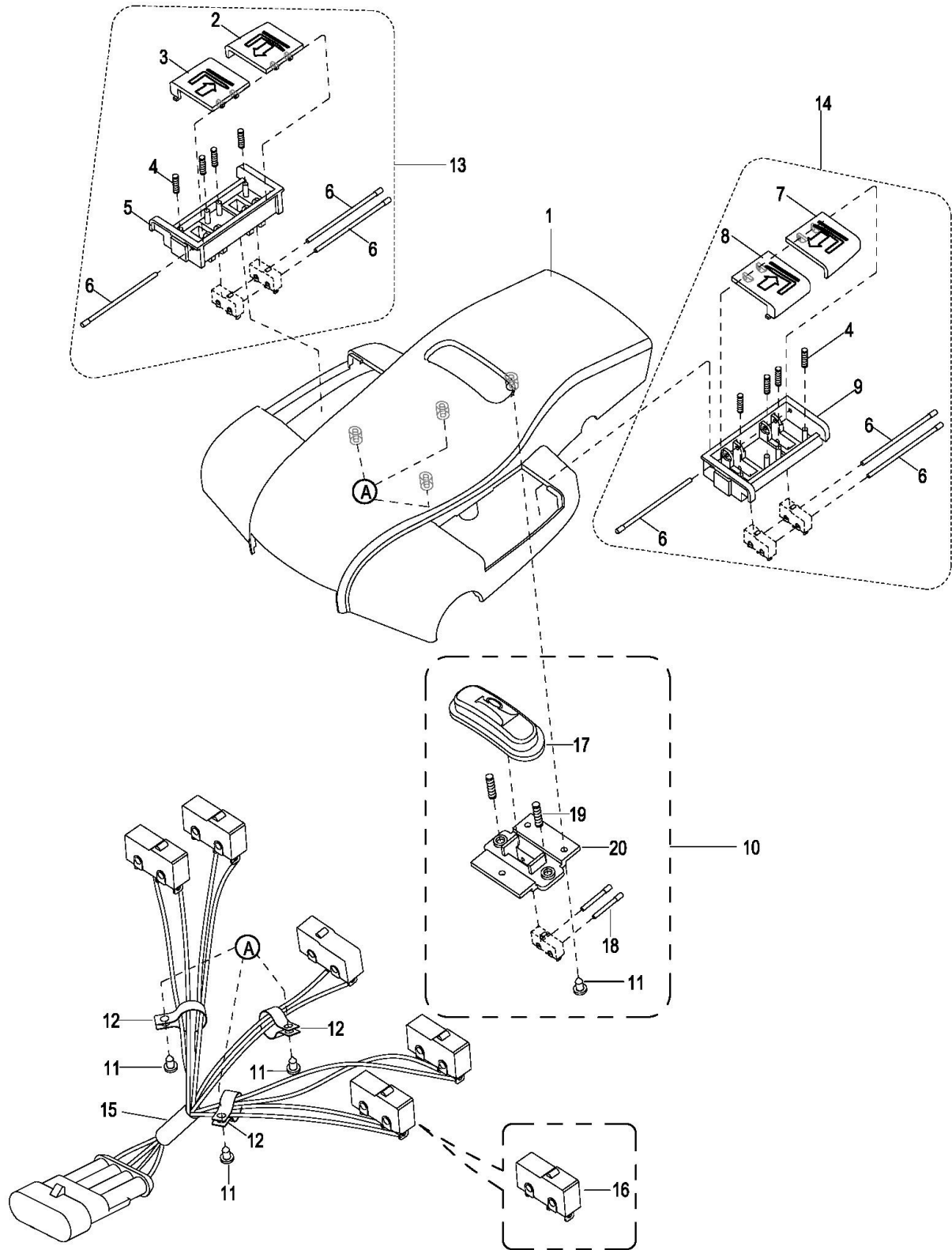


## 0303 Upper Cover Assembly

## 上盖总成

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用日期	备注
1	1120-342001-00	Upper Cover	1	-427102394	
2	1120-342203-00	Button For Lifting(R)	1	-427102394	
3	1120-342202-00	Button For Lowering(R)	1	-427102394	
4	1120-342102-00	Spring	8	-427102394	
5	1120-342201-00	Button Bracket(R)	1	-427102394	
6	1120-342105-00	Pin	6	-427102394	
7	1120-342104-00	Button For Lifting(L)	1	-427102394	
8	1120-342103-00	Button For Lowering(L)	1	-427102394	
9	1120-342101-00	Button Bracket (L)	1	-427102394	
10	1120-342002-00	Horn Button	1	-427102394	
	1120-342005-00	Pin	2	-427102394	
	1120-342003-00	Spring	2	-427102394	
	1120-342004-00	Button Bracket	1	-427102394	
11	0000-000039-00	Screw ST3.5×9.5	6	-427102394	
12	0000-000490-00	Harness Clamp	3	-427102394	
13	1120-342200-00	Lift And Lower Box(R) Assembly	1	-427102394	
14	1120-342100-00	Lift And Lower Box(L) Assembly	1	-427102394	
15	1220-520006-0C	Buttons Assembly	1	-427102394	
16	1220-560002-00	Inching Switch II	5	-427102394	

030301 Upper Cover Assembly  
上盖总成



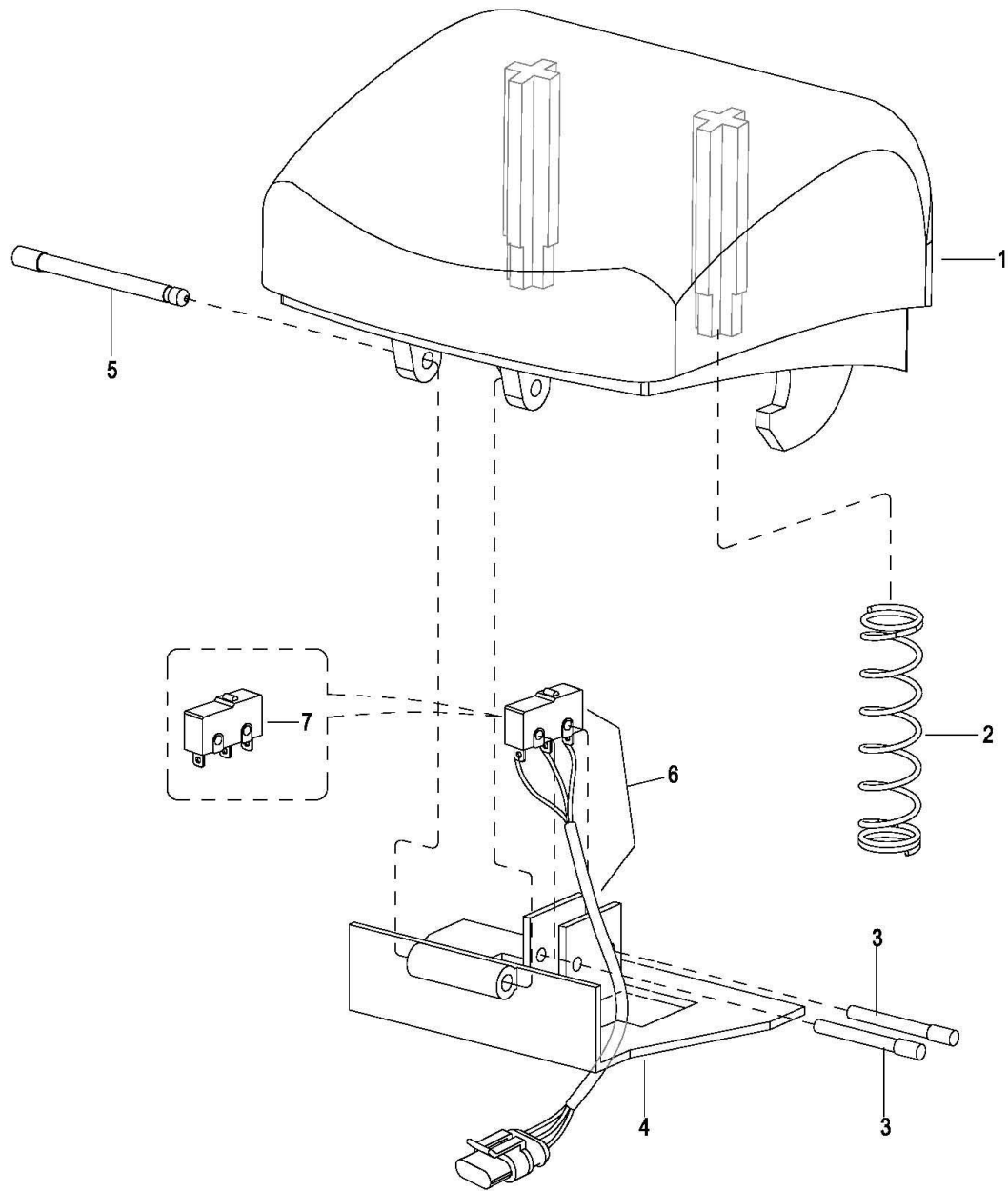
030301 Upper Cover Assembly

上盖总成

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用日期	备注
1	1115-341001-00	Upper Cover	1	427102395-	
2	1120-342203-00	Button For Lifting(R)	1	427102395-	
3	1120-342202-00	Button For Lowering(R)	1	427102395-	
4	1120-342102-00	Spring	8	427102395-	
5	1120-342201-00	Button Bracket(R)	1	427102395-	
6	1120-342105-00	Pin	6	427102395-	
7	1120-342104-00	Button For Lifting(L)	1	427102395-	
8	1120-342103-00	Button For Lowering(L)	1	427102395-	
9	1120-342101-00	Button Bracket (L)	1	427102395-	
10	1120-342300-00	Horn Button Assembly	1	427102395-	
11	0000-000039-00	Screw ST3.5×9.5	6	427102395-	
12	0000-000490-00	Harness Clamp	3	427102395-	
13	1120-342200-00	Lift And Lower Box(R) Assembly	1	427102395-	
14	1120-342100-00	Lift And Lower Box(L) Assembly	1	427102395-	
15	1220-520006-0C	Buttons Assembly	1	427102395-	
16	1220-560002-00	Inching Switch II	5	427102395-	
17	1120-342002-00	Horn Button	1	427102395-	
18	1120-342005-00	Pin	2	427102395-	
19	1120-342003-00	Spring	2	427102395-	
20	1120-342004-00	Button Bracket	1	427102395-	

0304 Button Reverser Assembly

紧急反向开关总成





**0304 Button Reverser Assembly**

紧急反向开关总成

<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
序号	零件编号	零件名称		数量	适用日期	备注
1	1120-343002-00	Cover	紧急反向开关盖	1	-427102394	
2	1120-343003-00	Spring	弹簧	2	-427102394	
3	1120-342005-00	Pin	销	2	-427102394	
4	1120-343001-0A	Bracket	紧急反向开关安装板	1	-427102394	
5	1120-343004-00	Pin	销	1	-427102394	
6	1115-520004-0A	Reversing Switch Wire	反向开关线束	1	-427102394	
7	1220-560002-00	Inching Switch II	微动开关 II	1	-427102394	

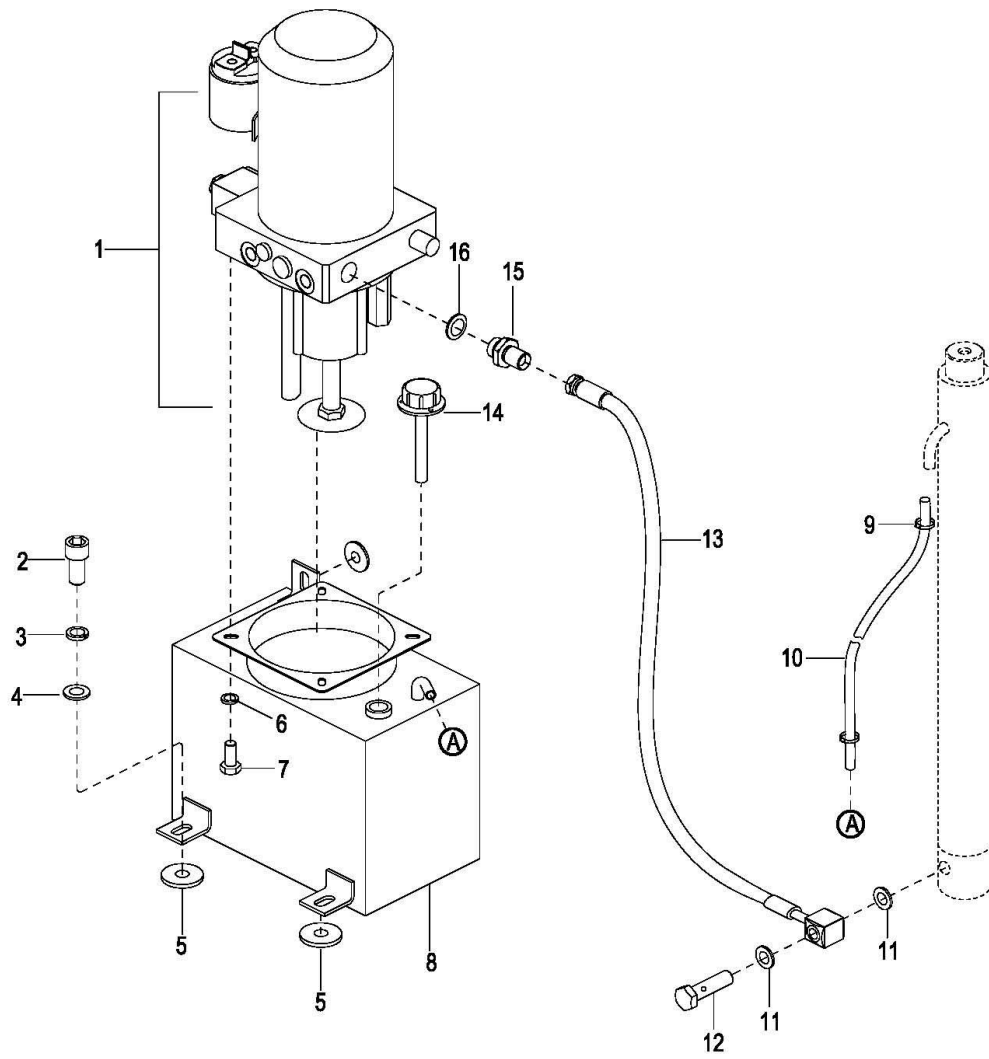
**4000**

**Hydraulic System**

液压系统

0401 Single Stage Mast Hydraulic System

单级门架液压系统



**0401 Single Stage Mast Hydraulic System**

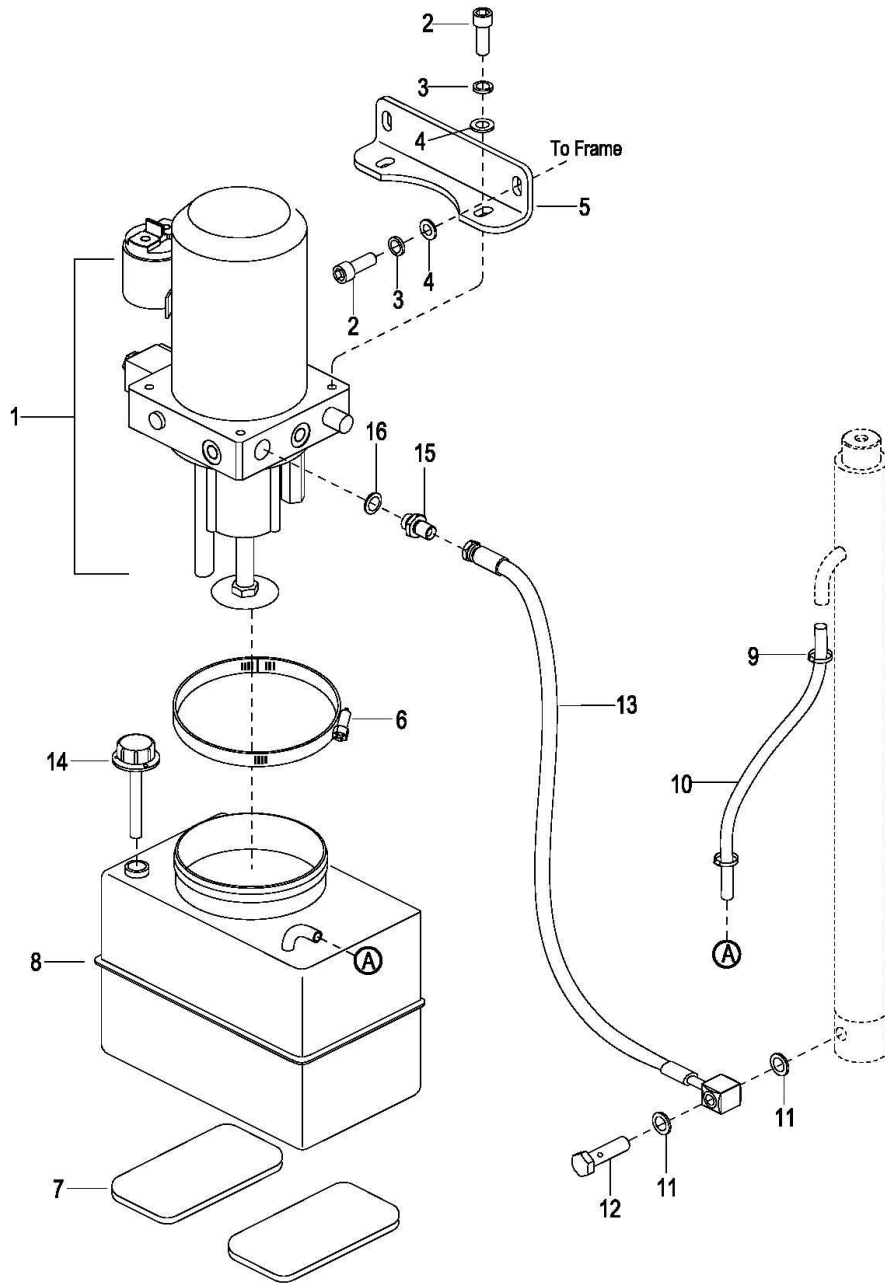
**单级门架液压系统**

<b>Index</b> 序号	<b>Part No.</b> 零件编号	<b>Part Name</b> 零件名称		<b>No.</b> 数量	<b>Applied Date</b> 适用时间	<b>Remark</b> 备注
1	2108-413000-60	Hydraulic Pump Assembly See 0403	液压站总成 见 0403	1	-S24120014	
2	0000-000109-00	Screw M8×16	螺钉	3		
3	0000-000159-00	Lockwasher ø8	弹垫	3		
4	0000-000176-00	Flatwasher ø8	平垫	3		
5	2112-410004-00	Washer	油箱垫片	3	-S24120014	
6	0000-000056-00	Lockwasher ø6	弹垫	4	-S24120014	
7	0000-000259-00	Bolt M6×16	螺栓	4	-S24120014	
8	2108-411000-00	Tank	油箱	1	-S24120014	
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.1	Oil Return Pipe	空气管 见表 4.1	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2112-410002-00	Cover	油箱盖	1		
15	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
16	0000-000634-00	Washer ø18	组合垫圈	1		

**From 4.1**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No. Of</b> <b>Oil Return Pipe</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Single Stage Mast 单级门架	1200	47	2108-400002-00-11
	1400	55	2108-400002-00-12
	1600	63	2108-400002-00-13
	1700	67	2108-400002-00-14

040101 Single Stage Mast Hydraulic System  
单级门架液压系统



**040101 Single Stage Mast Hydraulic System**

**单级门架液压系统**

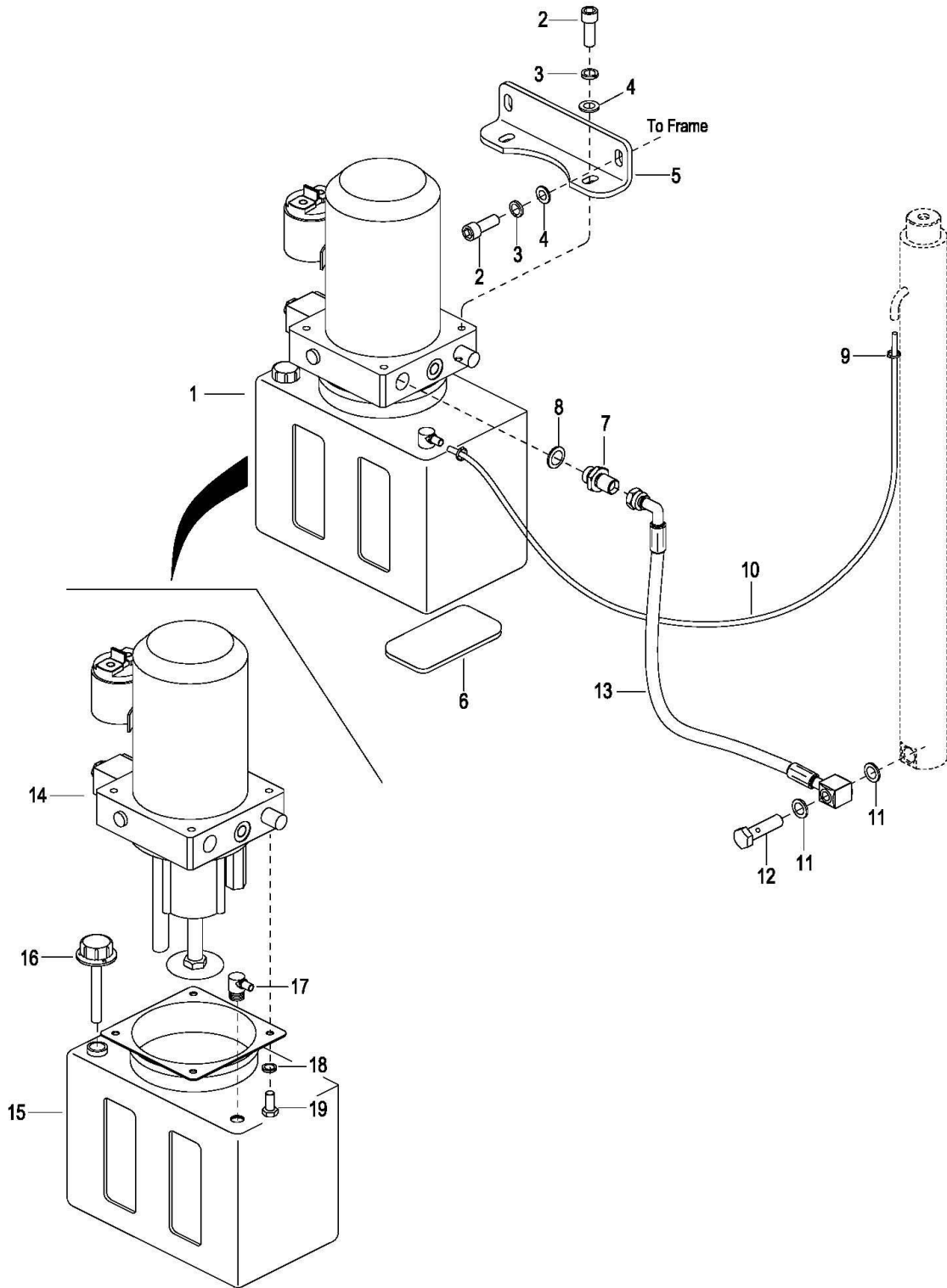
<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
<b>序号</b>	<b>零件编号</b>	<b>零件名称</b>		<b>数量</b>	<b>适用时间</b>	<b>备注</b>
1	2108-421000-00-02	Hydraulic Pump Assembly See 040401	液压站总成 见 040401	1	S24120015-426120054	
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-00	Bracket	液压站固定板	1	S24120015-426120054	
6	0000-001250-00	Clamp D130	喉箍	1	S24120015-426120054	
7	2112-410005-00	Rubber Cushion	橡胶垫	2	S24120015-426120054	
8	2107-420002-0A	Tank	油箱	1	S24120015-426120054	
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.1	Oil Return Pipe	空气管 见表 4.1	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2112-410002-00	Cover	油箱盖	1		
15	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
16	0000-000634-00	Washer ø18	组合垫圈	1		

**Form 4.1**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No. Of</b> <b>Oil Return Pipe</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Single Stage Mast 单级门架	1200	47	2108-400002-00-11
	1400	55	2108-400002-00-12
	1600	63	2108-400002-00-13
	1700	67	2108-400002-00-14

040102 Single Stage Mast Hydraulic System

单级门架液压系统



**040102 Single Stage Mast Hydraulic System**

**单级门架液压系统**

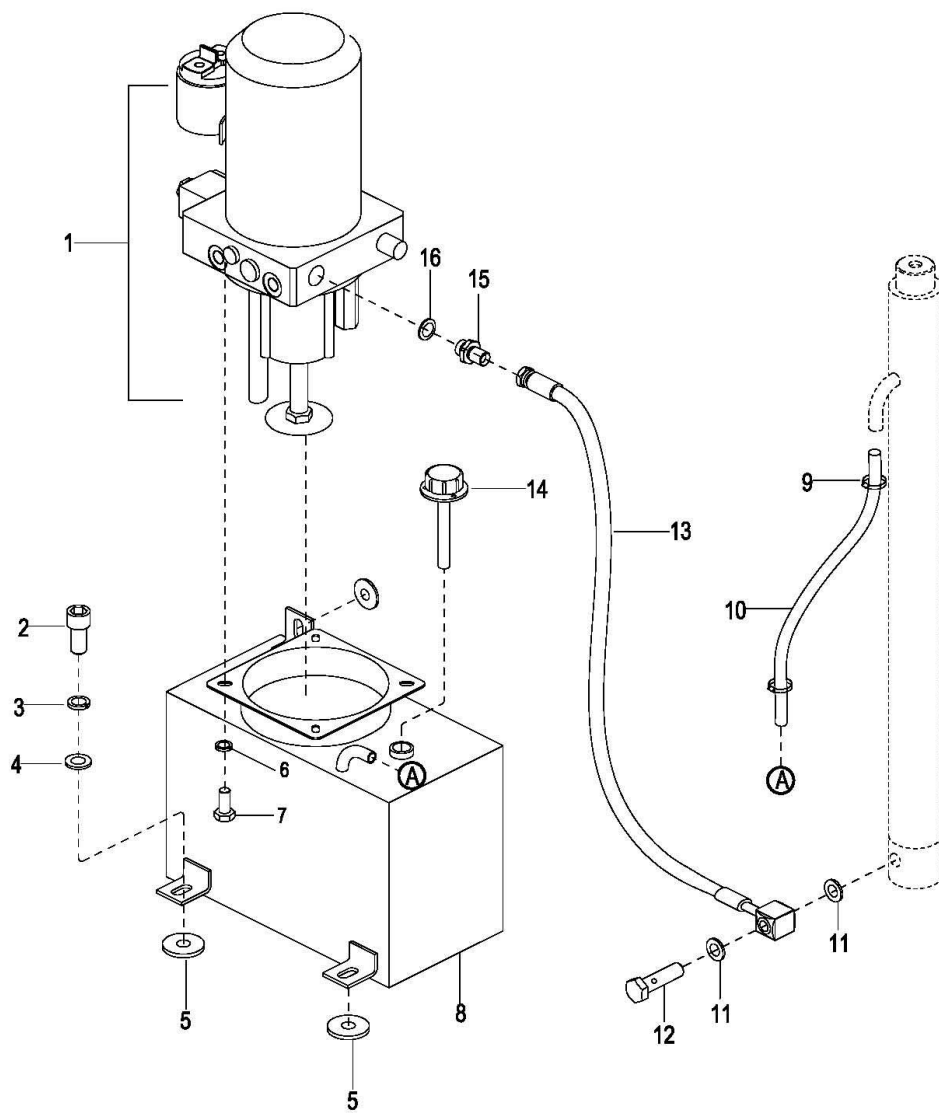
<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
<b>序号</b>	<b>零件编号</b>	<b>零件名称</b>		<b>数量</b>	<b>适用时间</b>	<b>备注</b>
1	2108-420000-0B-02	Pump and Motor Assembly	液压站组件	1	426120055-	WB,Pos. 14-19 See040402,EP
1	2801-220000-10	Pump and Motor Assembly	液压站组件	1	4302108396-	,BGD-21-0083 81
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-0B	Bracket	液压站固定板	1	426120055-	
6	1115-100003-f0	Rubber Cushion	橡胶垫	2	426120055-	
7	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
8	0000-000634-00	Washer ø18	组合垫圈	1		
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.1	Oil Return Pipe	空气管 见表 4.1	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2108-421000-0A-02	Hydraulic Pump Assembly	液压站总成	1	426120055-	
		See 040402	见 040402			
15	2108-420005-00	Tank	油箱	1	426120055-	
16	2112-410002-00	Cover	油箱盖	1		
17	2108-420006-00	Nozzle	回油嘴	1	426120055-	
18	0000-000056-00	Lockwasher ø6	弹垫	4	426120055-	
19	0000-000259-00	Bolt M6×16	螺栓	4	426120055-	

**Form 4.1**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No.</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Single Stage Mast 单级门架	1200	47	2108-400002-00-11
	1400	55	2108-400002-00-12
	1600	63	2108-400002-00-13
	1700	67	2108-400002-00-14



0402 Duplex Mast Hydraulic System  
两级门架液压系统



### 0402 Duplex Mast Hydraulic System

#### 两级门架液压系统

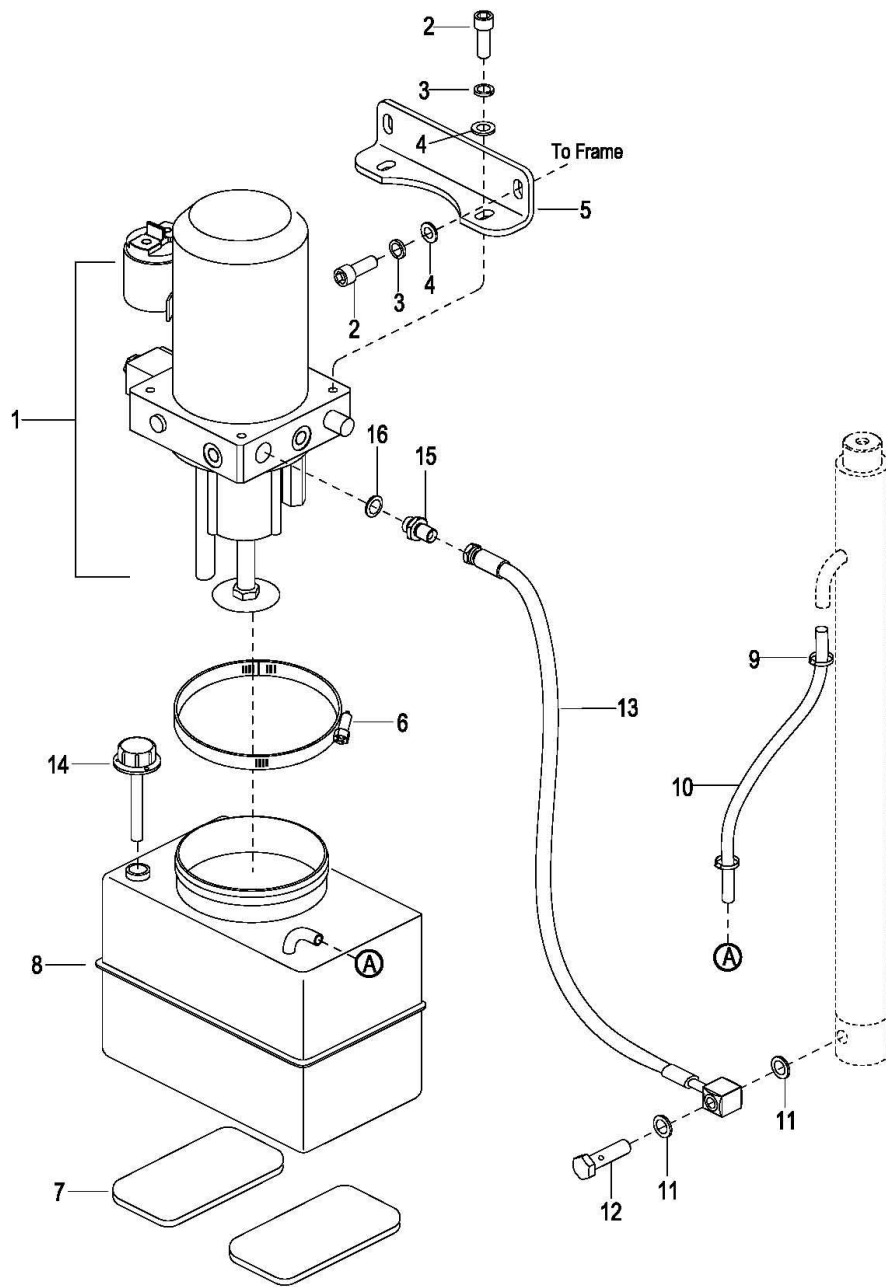
Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2108-413000-60	Hydraulic Pump Assembly See 0403	液压站总成 见 0403	1	-S24120014	
2	0000-000109-00	Screw M8×16	螺钉	3		
3	0000-000159-00	Lockwasher ø8	弹垫	3		
4	0000-000176-00	Flatwasher ø8	平垫	3		
5	2112-410004-00	Washer	油箱垫片	3	-S24120014	
6	0000-000056-00	Lockwasher ø6	弹垫	4	-S24120014	
7	0000-000259-00	Bolt M6×16	螺栓	4	-S24120014	
8	2108-421000-60	Tank	油箱	1	-S24120014	
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.2	Oil Return Pipe	空气管 见表 4.2	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2112-410002-00	Cover	油箱盖	1		
15	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
16	0000-000634-00	Washer ø18	组合垫圈	1		

#### Form 4.2

Model 车型	Lifting Height 起升高度		Part No. 空气管编号
	mm	in	
Duplex Mast 两级门架	2500	98	2108-400002-00-06
	2700	106	2108-400002-00-03
	3000	118	2108-400002-00-04
	3300	130	2108-400002-00-05
	3600	142	2108-400002-00-07
	3800	150	2108-400002-00-08
	2300	90	2108-400002-00-09
	2900	114	2108-400002-00-10

040201 Duplex Mast Hydraulic System

两级门架液压系统



**040201 Duplex Mast Hydraulic System**

**两级门架液压系统**

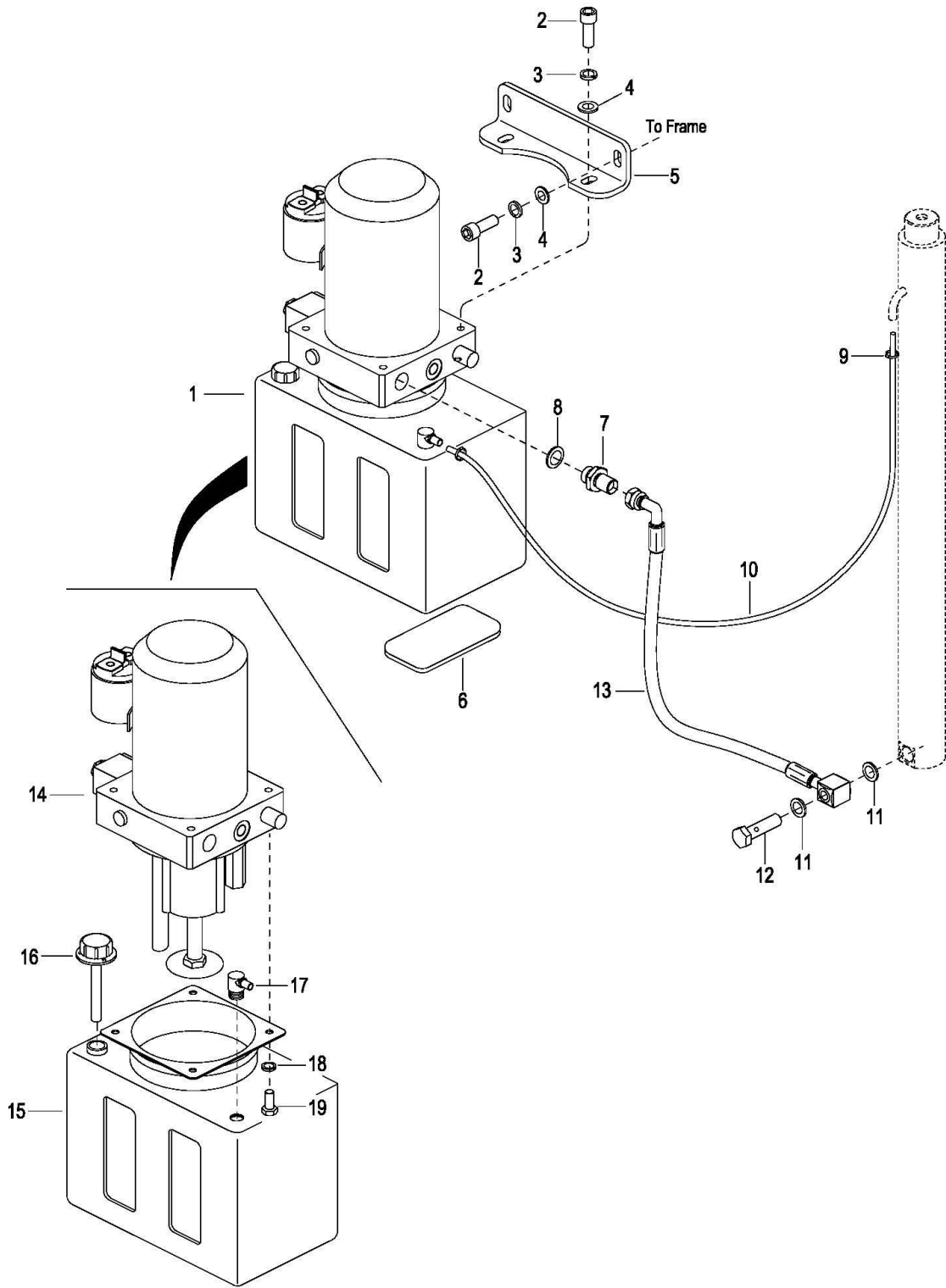
<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
<b>序号</b>	<b>零件编号</b>	<b>零件名称</b>		<b>数量</b>	<b>适用时间</b>	<b>备注</b>
1	2108-421000-00-02	Hydraulic Pump Assembly See 040301	液压站总成 见 040301	1	S24120015-426120054	
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-00	Bracket	液压站固定板	1	S24120015-426120054	
6	0000-001250-00	Clamp D130	喉箍	1	S24120015-426120054	
7	2112-410005-00	Rubber Cushion	橡胶垫	2	S24120015-426120054	
8	2107-420002-0A	Tank	油箱	1	S24120015-426120054	
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.2	Oil Return Pipe	空气管 见表 4.2	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2112-410002-00	Cover	油箱盖	1		
15	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
16	0000-000634-00	Washer ø18	组合垫圈	1		

**Form 4.2**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No.</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Duplex Mast 两级门架	2500	98	2108-400002-00-06
	2700	106	2108-400002-00-03
	3000	118	2108-400002-00-04
	3300	130	2108-400002-00-05
	3600	142	2108-400002-00-07
	3800	150	2108-400002-00-08
	2300	90	2108-400002-00-09
	2900	114	2108-400002-00-10

040202 Duplex Mast Hydraulic System

两级门架液压系统



**040202 Duplex Mast Hydraulic System**

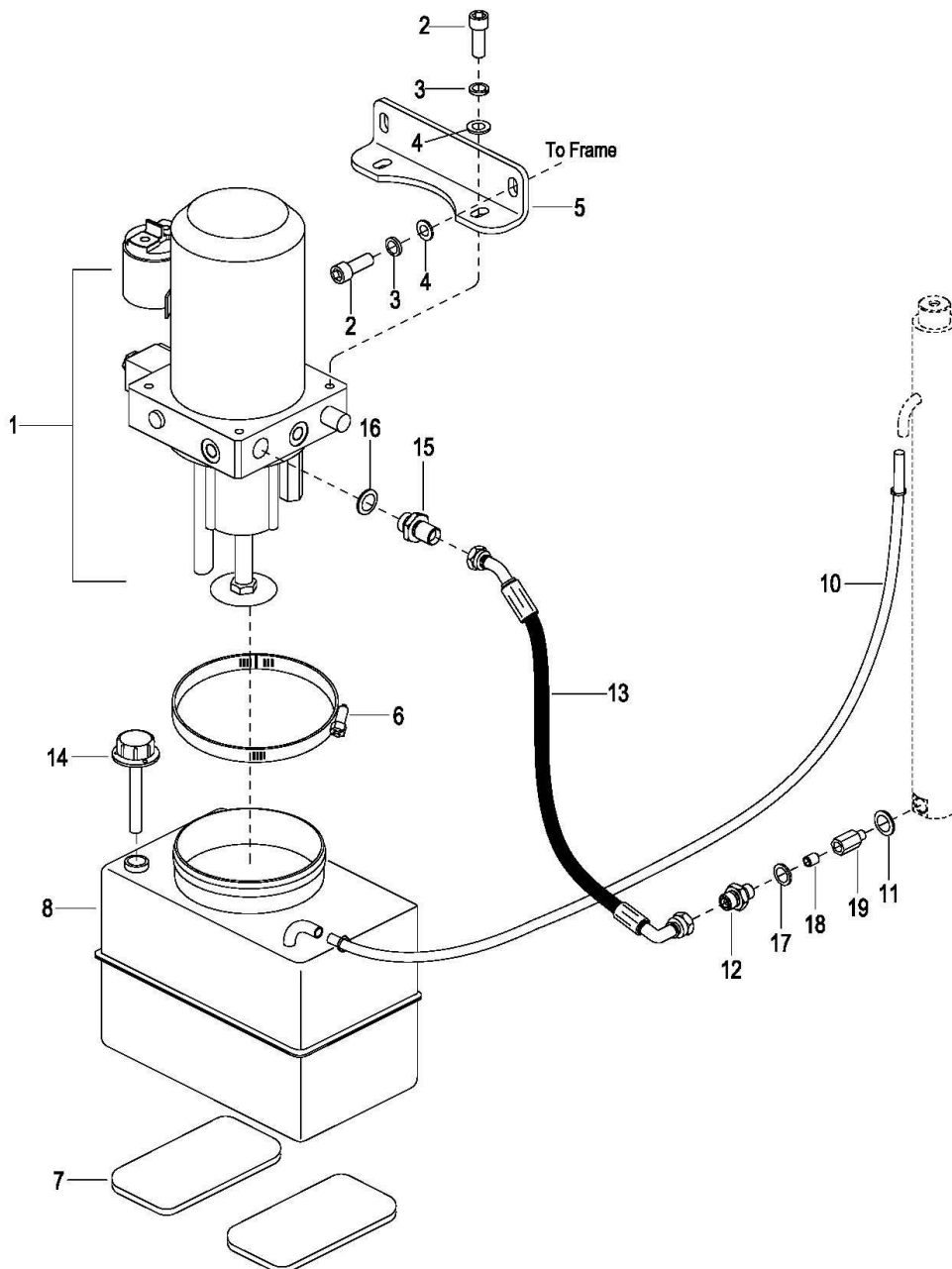
**两级门架液压系统**

<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
<b>序号</b>	<b>零件编号</b>	<b>零件名称</b>		<b>数量</b>	<b>适用时间</b>	<b>备注</b>
1	2108-420000-0B-02	Pump and Motor Assembly	液压站组件	1	426120055-	WB,Pos. 14-19 See040402,EP
1	2801-220000-10	Pump and Motor Assembly	液压站组件	1	4302108396-	,BGD-21-0083 81
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-0B	Bracket	液压站固定板	1	426120055-	
6	1115-100003-f0	Rubber Cushion	橡胶垫	2	426120055-	
7	2702-381400-00	Connector G3/8-M14×1.5	直通接头	1		
8	0000-000634-00	Washer ø18	组合垫圈	1		
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.2	Oil Return Pipe	空气管 见表 4.2	1		
11	0000-000069-00	Washer ø16	组合垫圈	2		
12	2401-163500-00	Bolt M16×35	铰接头螺栓	1		
13	2108-400001-60	Oil Pipe	油管	1		
14	2108-421000-0A-02	Hydraulic Pump Assembly	液压站总成	1	426120055-	
		See 040402	见 040402			
15	2108-420005-00	Tank	油箱	1	426120055-	
16	2112-410002-00	Cover	油箱盖	1		
17	2108-420006-00	Nozzle	回油嘴	1	426120055-	
18	0000-000056-00	Lockwasher ø6	弹垫	4	426120055-	
19	0000-000259-00	Bolt M6×16	螺栓	4	426120055-	

**Form 4.2**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No.</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Duplex Mast 两级门架	2500	98	2108-400002-00-06
	2700	106	2108-400002-00-03
	3000	118	2108-400002-00-04
	3300	130	2108-400002-00-05
	3600	142	2108-400002-00-07
	3800	150	2108-400002-00-08
	2300	90	2108-400002-00-09
	2900	114	2108-400002-00-10

0403 Hydraulic System, with Explosion-proof  
液压系统（带防爆）



**0403 Hydraulic System, with Explosion-proof**

液压系统（带防爆）

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2108-421000-00-02	Hydraulic Pump Assembly See 040401	液压站总成 见 040401	1	S24120015-426120054	
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-00	Bracket	液压站固定板	1	S24120015-426120054	
6	0000-001250-00	Clamp D130	喉箍	1	S24120015-426120054	
7	2112-410005-00	Rubber Cushion	橡胶垫	2	S24120015-426120054	
8	2107-420002-0A	Tank	油箱	1	S24120015-426120054	
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.3	Oil Return Pipe	空气管 见表 4.3	1		
11	0000-000069-00	Washer ø16	组合垫圈	1		
12	2702-141600-00	Connector G1/4-M16×1.5	直通接头	1		
13	2108-411000-R0	Oil Pipe	油管	1		
14	2112-410002-00	Cover	油箱盖	1		
15	2702-381600-00	Connector G3/8-M16×1.5	长直通接头	1		
16	0000-000634-00	Washer ø18	组合垫圈	1		
17	0000-000044-00	Washer ø14	组合垫圈	1		
18	2112-440000-00	Explosion Relief Valve	防爆阀	1		
19	2108-410001-R0	Connector M16×1.5-G1/4	过渡接头	1		

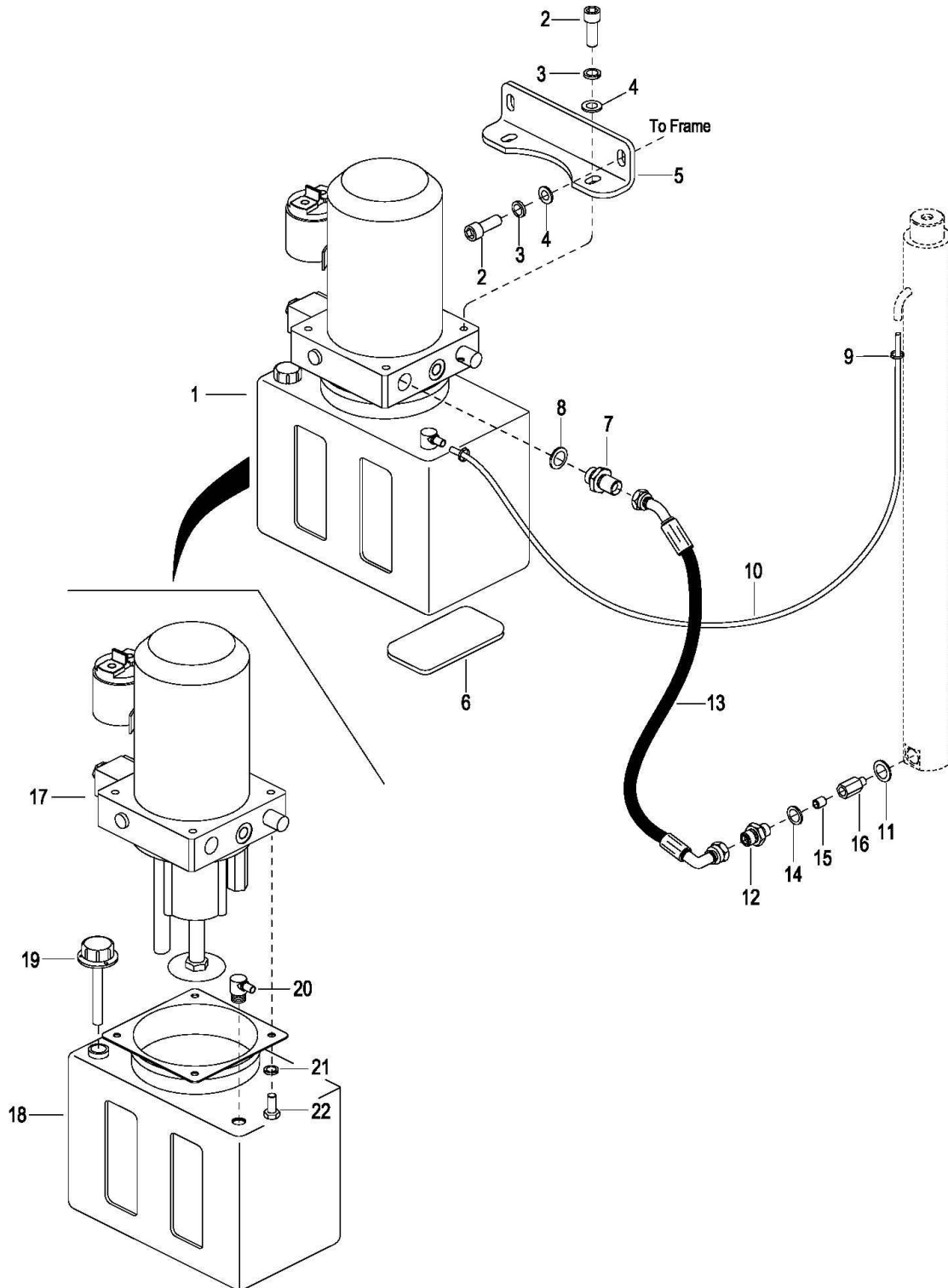
**Form 4.3**

Model 车型	Lifting Height 起升高度		Part No. 空气管编号
	mm	in	
Single Stage Mast 单级门架	1200	47	2108-400002-00-11
	1400	55	2108-400002-00-12
	1600	63	2108-400002-00-13
	1700	67	2108-400002-00-14
Duplex Mast 两级门架	2500	98	2108-400002-00-06
	2700	106	2108-400002-00-03
	3000	118	2108-400002-00-04
	3300	130	2108-400002-00-05
	3600	142	2108-400002-00-07
	3800	150	2108-400002-00-08



	2300	90	2108-400002-00-09
	2900	114	2108-400002-00-10

**040301 Hydraulic System, with Explosion-proof**  
**液压系统（带防爆）**



**040301 Hydraulic System, with Explosion-proof**

**液压系统（带防爆）**

<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>		<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
<b>序号</b>	<b>零件编号</b>	<b>零件名称</b>		<b>数量</b>	<b>适用时间</b>	<b>备注</b>
1	2108-420000-0B-02	Pump and Motor Assembly	液压站组件	1	426120055-	WB,Pos. 17-22 See040402,EP
1	2801-220000-10	Pump and Motor Assembly	液压站组件	1	4302108396-	,BGD-21-0083 81
2	0000-000109-00	Screw M8×16	螺钉	4		
3	0000-000159-00	Lockwasher ø8	弹垫	4		
4	0000-000176-00	Flatwasher ø8	平垫	4		
5	2107-420001-0B	Bracket	液压站固定板	1	426120055-	
6	1115-100003-f0	Rubber Cushion	橡胶垫	2	426120055-	
7	2702-381600-00	Connector G3/8-M16×1.5	长直通接头	1		
8	0000-000634-00	Washer ø18	组合垫圈	1		
9	0000-000472-00	Clip	卡箍	2		
10	See Form 4.3	Oil Return Pipe	空气管 见表 4.3	1		
11	0000-000069-00	Washer ø16	组合垫圈	1		
12	2702-141600-00	Connector G1/4-M16×1.5	直通接头	1		
13	2108-411000-R0	Oil Pipe	油管	1		
14	0000-000044-00	Washer ø14	组合垫圈	1		
15	2112-440000-00	Explosion Relief Valve	防爆阀	1		
16	2108-410001-R0	Connector M16×1.5-G1/4	过渡接头	1		
17	2108-421000-0A-02	Hydraulic Pump Assembly	液压站总成	1	426120055-	
		See 040402	见 040402			
18	2108-420005-00	Tank	油箱	1	426120055-	
19	2112-410002-00	Cover	油箱盖	1		
20	2108-420006-00	Nozzle	回油嘴	1	426120055-	
21	0000-000056-00	Lockwasher ø6	弹垫	4	426120055-	
22	0000-000259-00	Bolt M6×16	螺栓	4	426120055-	

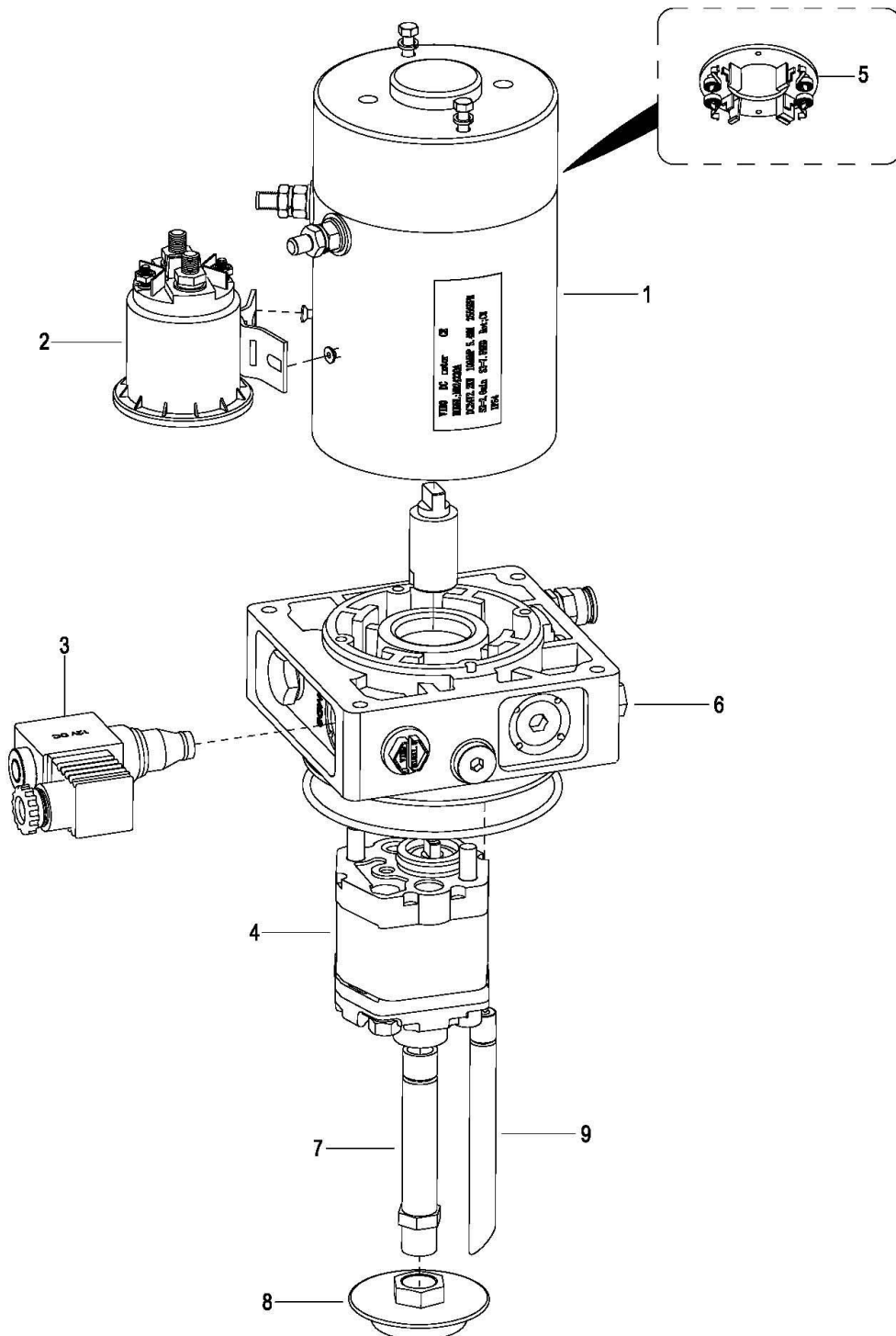
**Form 4.3**

<b>Model</b> 车型	<b>Lifting Height</b> 起升高度		<b>Part No.</b> 空气管编号
	<b>mm</b>	<b>in</b>	
Single Stage Mast 单级门架	1200	47	2108-400002-00-11
	1400	55	2108-400002-00-12
	1600	63	2108-400002-00-13
	1700	67	2108-400002-00-14
Duplex Mast 两级门架	2500	98	2108-400002-00-06
	2700	106	2108-400002-00-03

	3000	118	2108-400002-00-04
	3300	130	2108-400002-00-05
	3600	142	2108-400002-00-07
	3800	150	2108-400002-00-08
	2300	90	2108-400002-00-09
	2900	114	2108-400002-00-10

#### 0404 Hydraulic Pump Assembly

液压站总成



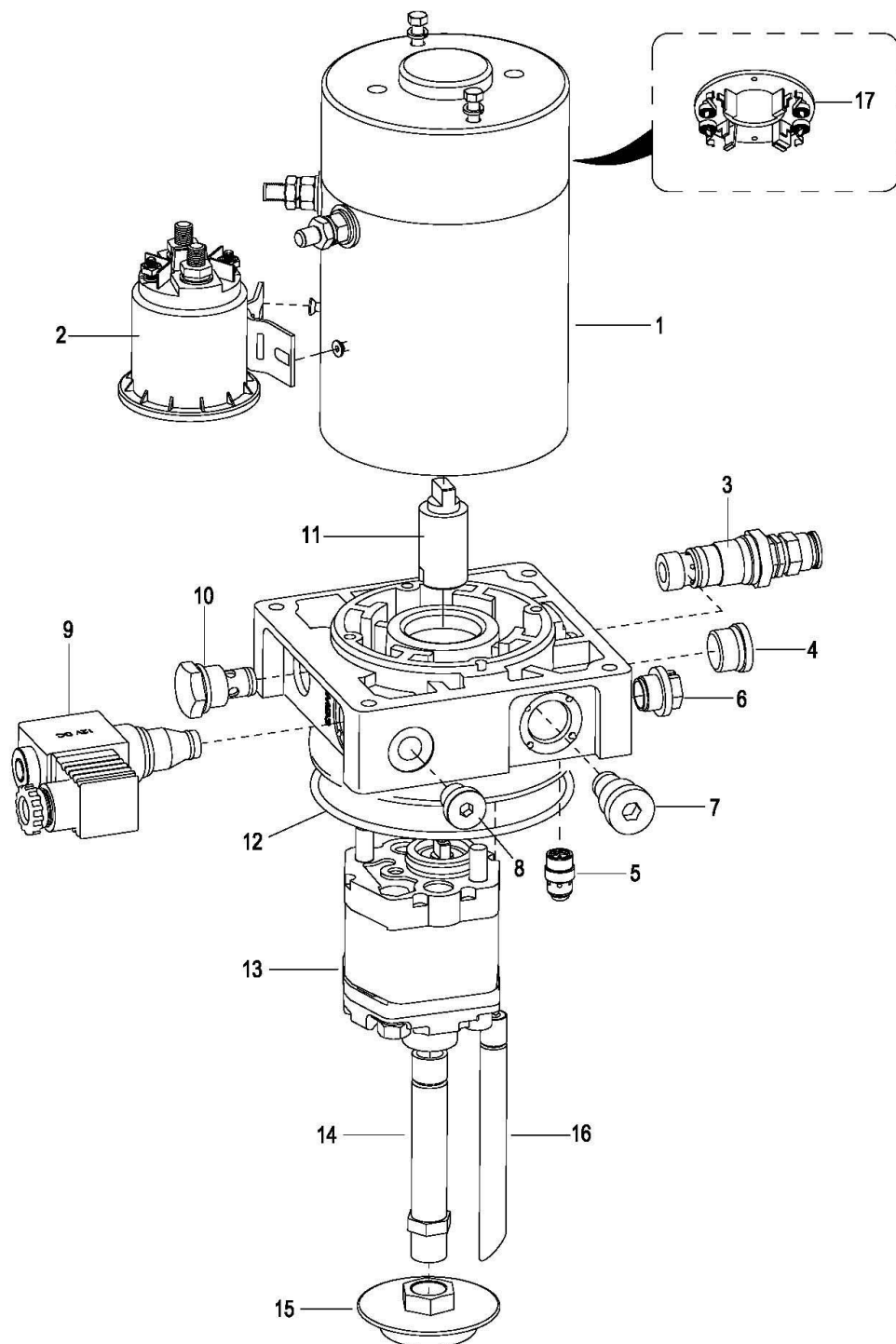
0404 Hydraulic Pump Assembly

液压站总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	2108-422001-00	Motor	电机	1	-S24120014	
2	2108-422002-00	Relay Starter	接触器	1	-S24120014	
3	2108-422010-00	Solenoid Valve	电磁阀	1	-S24120014	
4	2108-422013-00	Pump	泵	1	-S24120014	
5	2108-422017-00	Brush	碳刷	1	-S24120014	
6	2108-422018-00	Adapter	阀体	1	-S24120014	
7	2108-422014-00	Suction Oil Hose	吸油管	1	-S24120014	
8	2108-422015-00	Suction Filer	滤网	1	-S24120014	
9	2108-422016-00	Escape Oil Hose	回油管	1	-S24120014	

040401 Hydraulic Pump Assembly

液压站总成



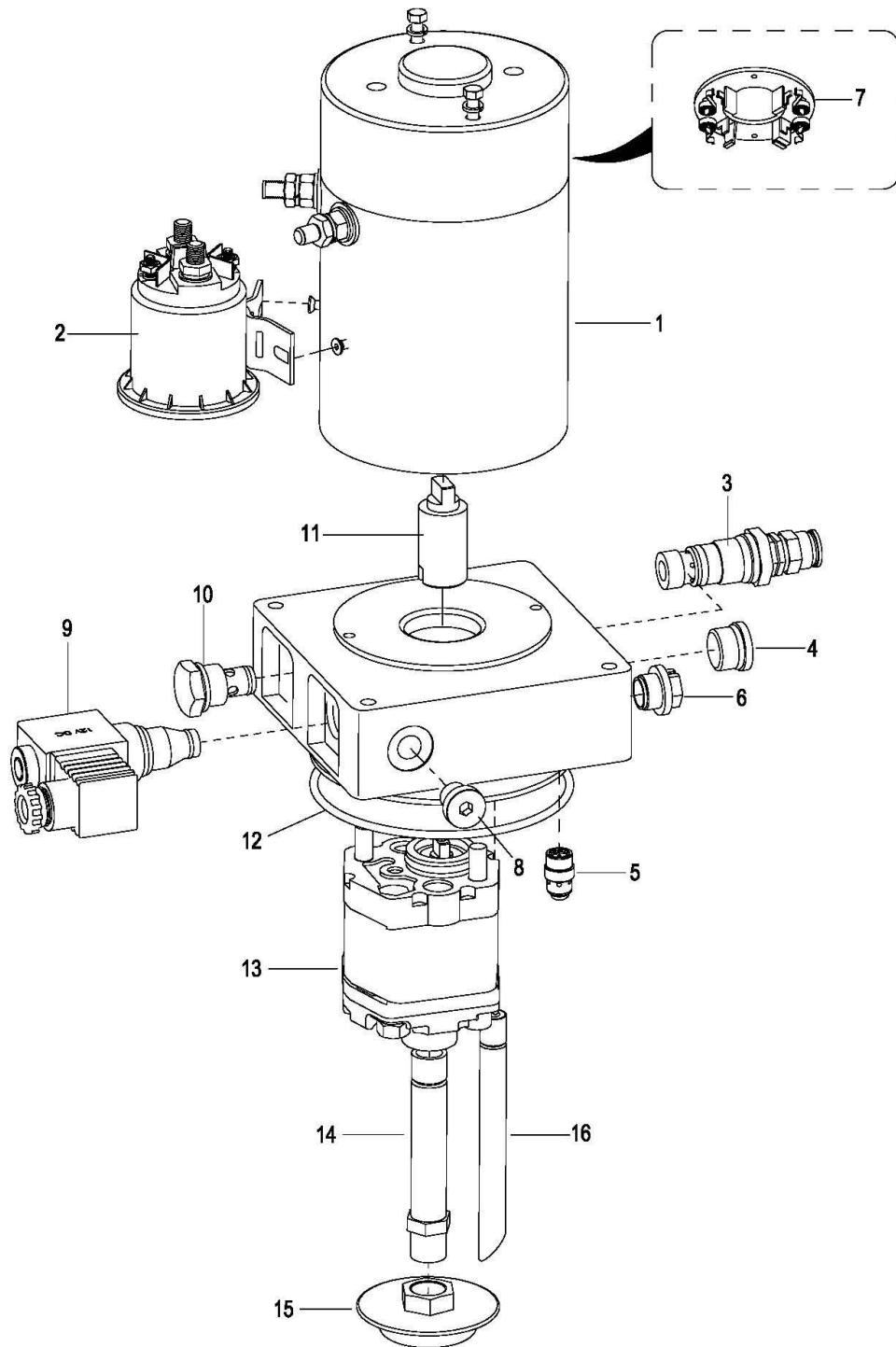
### 040401 Hydraulic Pump Assembly

#### 液压站总成

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2108-422001-00	Motor	电机	1	S24120015-426120054	
2	2108-422002-00	Relay Starter	接触器	1	S24120015-426120054	
3	2108-422003-00	Relief Valve	溢流阀	1	S24120015-426120054	
4	2108-422004-00	Screw Plug	G3/4 铁堵头	1	S24120015-426120054	
5	2108-422005-00	Valve	节流阀	1	S24120015-426120054	
6	2108-422006-00	Plastic Valve Plug	P 口塑料堵头	1	S24120015-426120054	
7	2108-422007-00	Check Valve Plug	单向阀堵头	1	S24120015-426120054	
8	2108-421001-00	Screw Plug	铁堵头	1	S24120015-426120054	
9	2108-422010-00	Solenoid Valve	电磁阀	1	S24120015-426120054	
10	2108-422011-00	Check Valye	单向阀	1	S24120015-426120054	
11	2108-422012-00	Connecter	联轴器	1	S24120015-426120054	
12	0000-000763-00	O-Ring	O 型圈	1	S24120015-426120054	
13	2108-422013-00	Pump	泵	1	S24120015-426120054	
14	2108-422014-00	Suction Oil Hose	吸油管	1	S24120015-426120054	
15	2108-422015-00	Suctio Filer	滤网	1	S24120015-426120054	
16	2108-422016-00	Escape Oil Valye	回油管	1	S24120015-426120054	
17	2108-422017-00	Brush	碳刷	1	S24120015-426120054	Unit:set

040402 Hydraulic Pump Assembly(WB)

液压站总成



040402 Hydraulic Pump Assembly(WB)

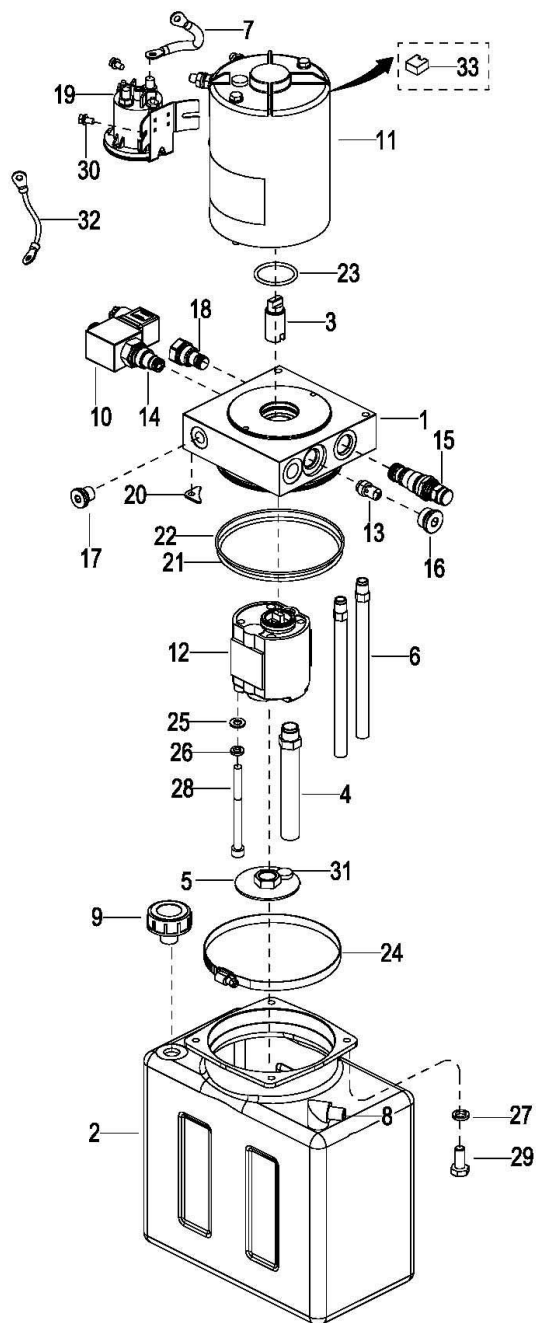
液压站总成

Index	Part No.	Part Name	No.	Applied Date	Remark	
序号	零件编号	零件名称	数量	适用时间	备注	
1	01 2108-422001-00	Motor	电机	1	Superseded by 2108-422001-0A	
	02 2108-422001-0A	Motor	电机	1	EP20190429	
2	2108-422002-00	Relay Starter	接触器	1	426120055-	
3	2108-422003-00	Relief Valve	溢流阀	1	426120055-	
4	2108-422004-00	Screw Plug	G3/4 铁堵头	1	426120055-	
5	2108-422005-00	Valve	节流阀	1	426120055-	
6	2108-422006-00	Plastic Valve Plug	P 口塑料堵头	1	426120055-	
7	01 2108-422017-00	Brush	碳刷	1	426120055-4281304537	Unit:set
	02 2108-422017-0A	Brush	碳刷	1	4281304538-	EP20190429
8	2108-421001-00	Screw Plug	铁堵头	1	426120055-	
9	2108-422010-00	Solenoid Valve	电磁阀	1	426120055-	
10	2108-422011-00	Check Valye	单向阀	1	426120055-	
11	2108-422012-00	Connecter	联轴器	1	426120055-	
12	0000-000763-00	O-Ring	O 型圈	1	426120055-	
13	2108-422013-00	Pump	泵	1	426120055-	
14	2108-421002-0A	Suction Oil Hose	吸油管	1	426120055-	
15	2108-422015-00	Suctio Filer	滤网	1	426120055-	
16	2108-422016-00	Escape Oil Valye	回油管	1	426120055-	



040402 Hydraulic Pump Assembly(EP)

液压站总成



040402 Hydraulic Pump Assembly(EP)

液压站总成

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2801-220001-00	Adapter	阀板	1	4302108396-	
2	2801-220002-00	Tank	油箱	1	4302108396-	
3	2801-220003-00	Coupling	联轴器	1	4302108396-	
4	2801-220004-00	Suction Pipe	吸油管	1	4302108396-	
5	2801-220005-00	Oil Filter	滤油器	1	4302108396-	
6	2801-220006-00	Return Pipe	回油管	2	4302108396-	
7	2801-220007-00	Cable	电缆	1	4302108396-	
8	2801-220008-00	Plug	堵头	1	4302108396-	
9	2801-110008-00	Air filter	空滤器	1	4302108396-	
10	2801-220010-00	Electromagnet	电磁铁	1	4302108396-	
11	2801-221000-00	Motor	起升电机	1	4302108396-	Including #33
12	2801-222000-00-08	Pump	齿轮泵	1	4302108396-	
13	2801-223000-00-01	Throttle valve	节流阀	1	4302108396-	
14	2801-224000-00	Solenoid Valve	电磁阀 阀芯	1	4302108396-	
15	2801-225000-00	Relief Valve	溢流阀	1	4302108396-	
16	202800000244	Plug	堵头	1	4302108396-	
17	202800000237	Plug	堵头	1	4302108396-	
18	2801-115000-00	Unidirectional Valve	单向阀	1	4302108396-	
19	2801-117000-00	Contactoer	接触器	1	4302108396-	
20	2801-210008-00	Triangular Gasket	三角垫片	4	4302108396-	
21	306000000055	O-ring $\phi 112 \times 3.55$	O 形圈	1	4302108396-	
22	306000000131	O-ring $\phi 118 \times 1.8$	O 形圈	1	4302108396-	
23	306000000072	O-ring $\phi 35 \times 3.1$	O 形圈	1	4302108396-	
24	202800000162	Hose Clamp	喉箍	1	4302108396-	
25	304000000040	Flatwasher $\phi 8$	平垫	2	4302108396-	
26	304000000052	Lockwasher $\phi 8$	弹垫	2	4302108396-	
27	304000000050	Lockwasher $\phi 6$	弹垫	4	4302108396-	
28	302000000482	Screw M8 $\times$ 80	螺钉	2	4302108396-	
29	301000000090	Screw M6 $\times$ 16	螺钉	4	4302108396-	
30	301000000448	Screw M5 $\times$ 10	螺钉	2	4302108396-	
31	2801-110010-00	Magnet	磁铁	1	4302108396-	
32	2801-220001-10	Signal Line	信号线	1	4302108396-	
33	2801-22100X-00	Brush	碳刷	4	4302108396-	

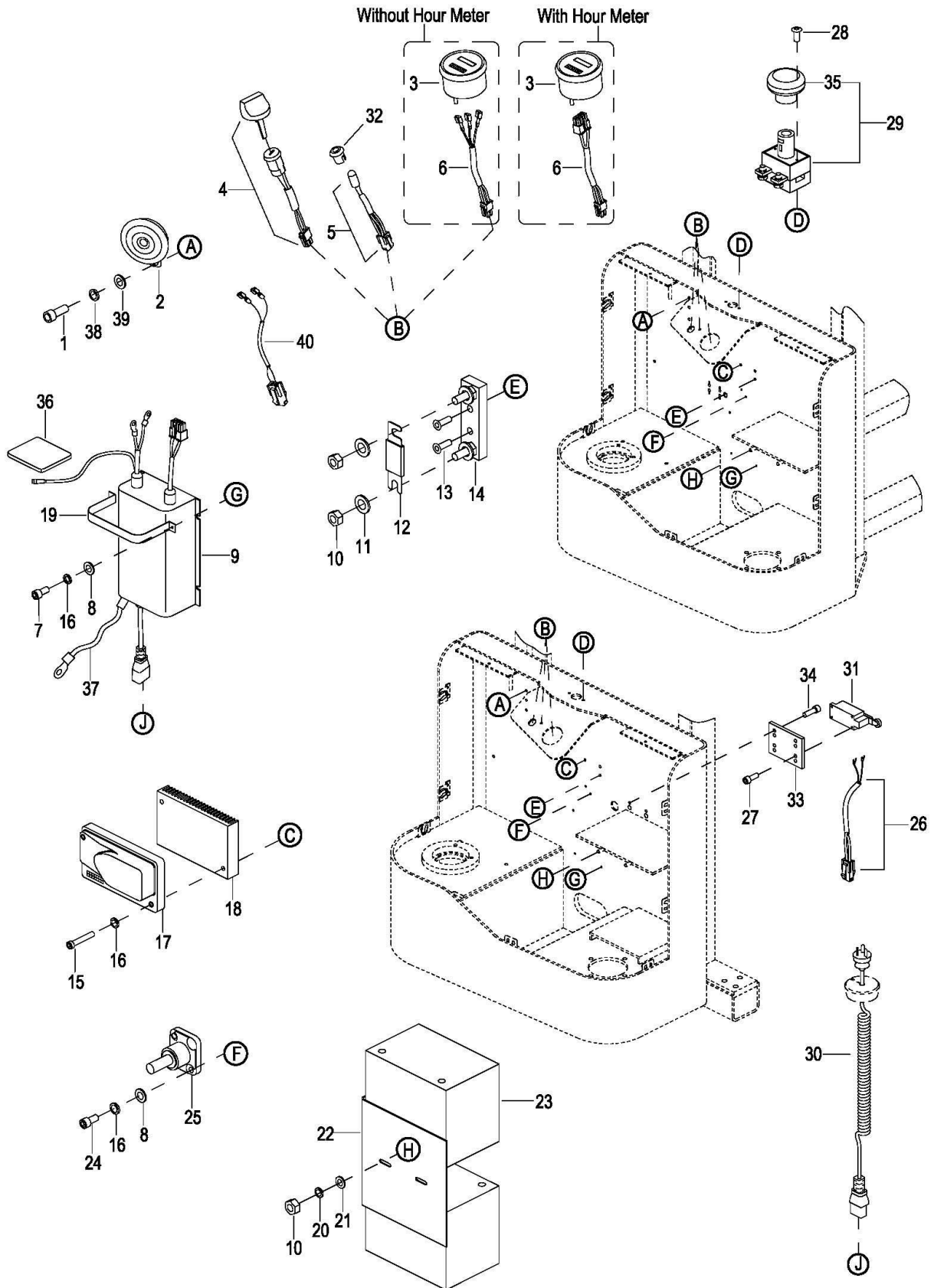
**5000**

**Electric System**

**电气系统**

0501 Single Stage Mast Electric Assembly

单级门架电气总成



0501 Single Stage Mast Electric Assembly

单级门架电气总成

Index	Part No.	Part Name	No.	Applied Date	Remark	
序号	零件编号	零件名称	数量	适用时间	备注	
1	01 0000-000666-00	Screw M3×8	螺钉	2	-4281101841	
	02 0000-000109-00	Screw M8×16	螺钉	1	4281101842-	EP20190311
2	01 1115-520015-00	Buzzer Assembly	蜂鸣器总成	1	-4281101841	With wire
	02 1120-500003-0A	Horn	喇叭	1	4281101842-	EP20190311
3	01 1115-510006-00	Meter 906	906 电量表	1	-4311210393	Without hour meter
	02 2105-500003-00	Meter 803	803 电量表	1	4311210394-	BGD-22-000003
3	01 1115-510006-20	Meter 803,With hour meter	803 电量表	1		Cancelled
						For Maintenance-free
	02 1115-510006-2B-02	Meter 803,With hour meter	803 电量表	1		Battery,Superseded by 2105-500003-00
	03 2105-500003-00	Meter 803	803 电量表	1		BGD-22-000003
4	01 1115-520019-00	Switch Assembly	钥匙开关总成	1		Cancelled/取消
	02 1115-520019-0A	Switch Assembly	钥匙开关总成	1		Superseded by
5	01 1115-520013-00	LED Wire Harness	LED 灯总成	1		1115-520013-DZ
	02 1115-520013-DZ	LED Wire Harness	LED 灯总成	1		EP20200321
6	01 1115-520005-0A	Meter 906 Wire Harness	906 电量表线束	1	-4311210393	
	02 1115-520005-20	Meter 803 Wire Harness	803 电量表线束	1	4311210394-	BGD-22-000003
6	1115-520005-20	Meter 803 Wire Harness	803 电量表线束	1		
7	0000-000088-00	Screw M4×8	螺钉	4		
8	0000-000702-00	Flatwasher ø4	平垫	6		
9	01 2108-520014-00	Charge Assembly	充电器	1	-S2321137	
	02 2108-520014-0A	Charge Assembly	充电器	1	S2321138-425150725	
	03 2108-520014-10	Charge Assembly	充电器	1	425150726-	
10	0000-000196-00	Nut M8	螺母	4		
11	0000-000194-00	Flatwasher ø8	平垫	2		
12	01 1115-510003-00	Fuse 100A	保险丝	1	-S2318245	
	02 2108-500001-00	Fuse 150A	保险丝	1	S2318246-	
13	0000-000126-00	Screw M6×16	螺钉	2		
14	1120-540001-00	Fuse Stand	保险丝座	1		
15	0000-000664-00	Screw M4×40	螺钉	2		
16	0000-000122-00	Lockwasher ø4	弹垫	8		
17	01 1115-510004-00	Controller	控制器	1		Cancelled/取消
						For CHINA,
	02 1115-510004-00-D0	Controller	控制器	1		Superseded by 1115-510004-00-20
	03 1115-510004-00-20	Controller	控制器	1		BGD-21-006023
17	1115-510004-00-20	Controller	控制器	1		For other market
18	01 1115-510005-00	Finning	散热片	1	-051012	
	02 1115-510005-0A	Finning	散热片	1	051012-	
19	1115-500009-00	Charger Hoop	充电器抱箍	2		
20	0000-000159-00	Lockwasher ø8	弹垫	2		

21	0000-000176-00	Flatwasher ø8	平垫	2	
22	2108-540001-00	Bracket	电瓶固定板	1	
23	2108-500005-00	Battery	电瓶	2	80AH / 12V
23	1115-500005-00-02	Battery	电瓶	2	85AH / 12V
23	2108-500005-60-01	Battery	电瓶	2	105AH / 12V
24	0000-000378-00	Screw M4×16	螺钉	2	
25	1220-500005-00	Terminal	接线端	1	

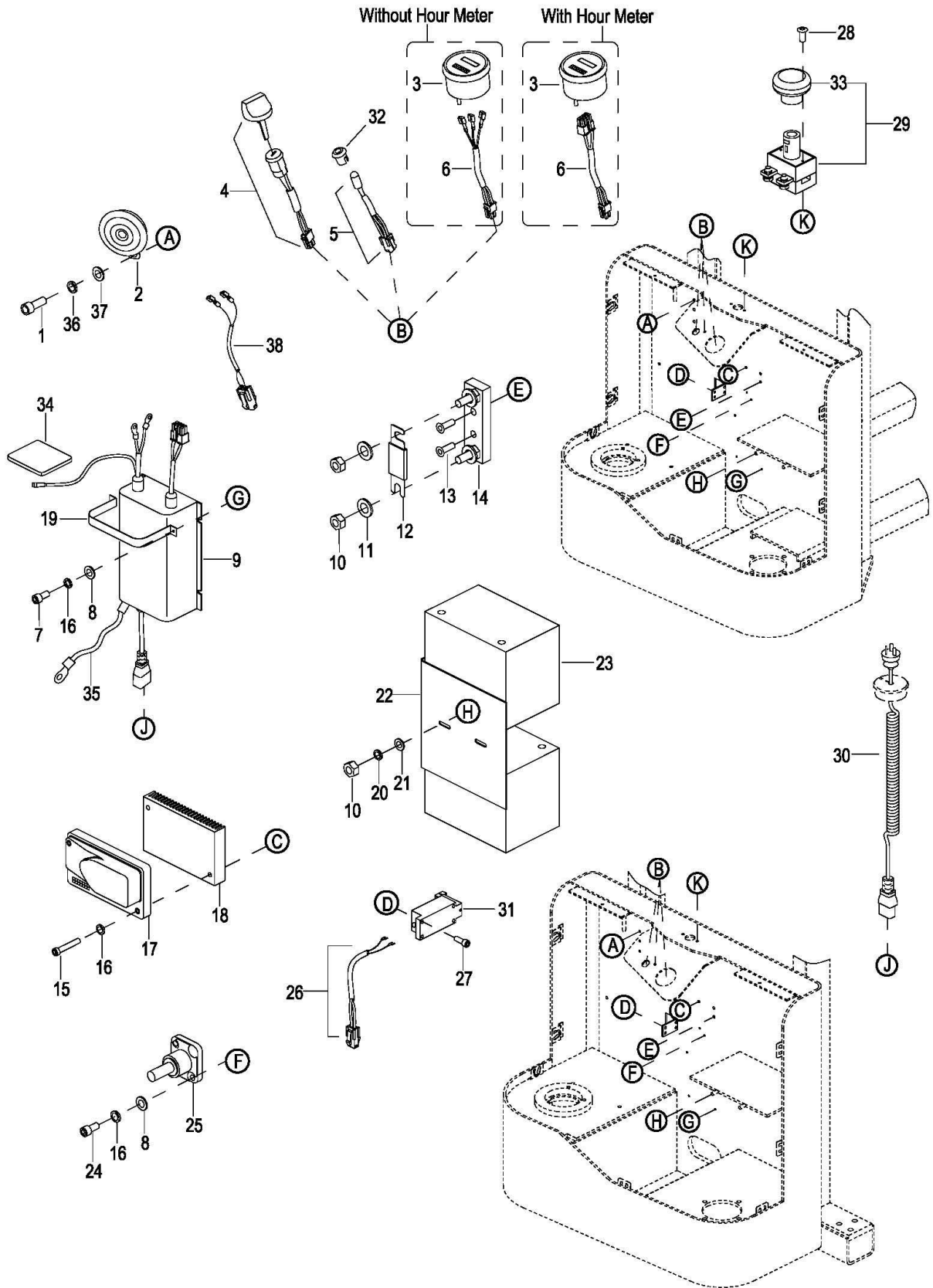
### 0501 Single Stage Mast Electric Assembly

#### 单级门架电气总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
26	2108-520006-00	Half Speed Switch Harness	半速开关线束	1		
27	0000-000010-00	Screw M5×6	螺钉	4		
28	0000-000616-00	Screw M5×10	螺钉	2		
29	1115-510008-00	Emergency Stop Switch	紧停开关	1		
30	1115-500006-00	Charger Cable EUROPE	充电线 欧标	1		For EUROPE,Superseded by 1120-510002-00-22
30	1120-510002-00-22	Charger Cable EUROPE	充电线 欧标	1		For EUROPE,BGD-21-009939
30	1115-500006-10	Charger Cable USA	充电线 美标	1		For USA,Superseded by 1120-510002-00-18
30	1120-510002-00-18	Charger Cable USA	充电线 美标	1		For USA,BGD-21-009939
30	1115-500006-20	Charger Cable AUS	充电线 澳标	1		For AUS,Superseded by 1120-510002-00-17
30	1120-510002-00-17	Charger Cable AUS	充电线 澳标	1		For AUS,BGD-21-009939
30	1115-500006-30	Charger Cable END	充电线 英标	1		For END,Superseded by 1120-510002-00-21
30	1120-510002-00-21	Charger Cable END	充电线 英标	1		For END,BGD-21-009939
30	1115-500006-40	Charger Cable JAPAN	充电线 日标	1		For JAPAN,Superseded by 1120-510002-00-16
30	1120-510002-00-16	Charger Cable JAPAN	充电线 日标	1		For JAPAN,BGD-21-009939
30	1115-500006-50	Charger Cable CHINA	充电线 国标	1		For CHINA,Superseded by 1113-500026-50
30	1113-500026-50	Charger Cable CHINA	充电线 国标	1		For CHINA,BGD-20-026006,Superseded by 1120-510002-00-23
30	1120-510002-00-23	Charger Cable CHINA	充电线 国标	1		For CHINA,BGD-21-009939
31	2125-500003-00	Half speed Switch	半速开关	1		
32	1115-510009-00	Lamp Holder	LED 灯座	1		
33	2108-600002-20	Sensor Bracket	半速开关安装板	1		
34	0000-000323-00	Screw M5×16	螺钉	4		
35	1115-510008-10	Switch Button	开关按钮	1		
36	1115-520020-00	3M Patch	3M 贴片	1	425150726-	
37	1115-520021-00	Ground Line	接地线	1	426191250-	
38	0000-000194-00	Flatwasher ø8	平垫	1	4281101842-	EP20190311
39	0000-000159-00	Lockwasher ø8	弹垫	1	4281101842-	EP20190311
40	2108-520016-00	Wire	喇叭转接线	1	4281101842-	EP20190311

0502 Duplex Mast Electric Assembly

两级门架电气总成



0502 Duplex Mast Electric Assembly

两级门架电气总成

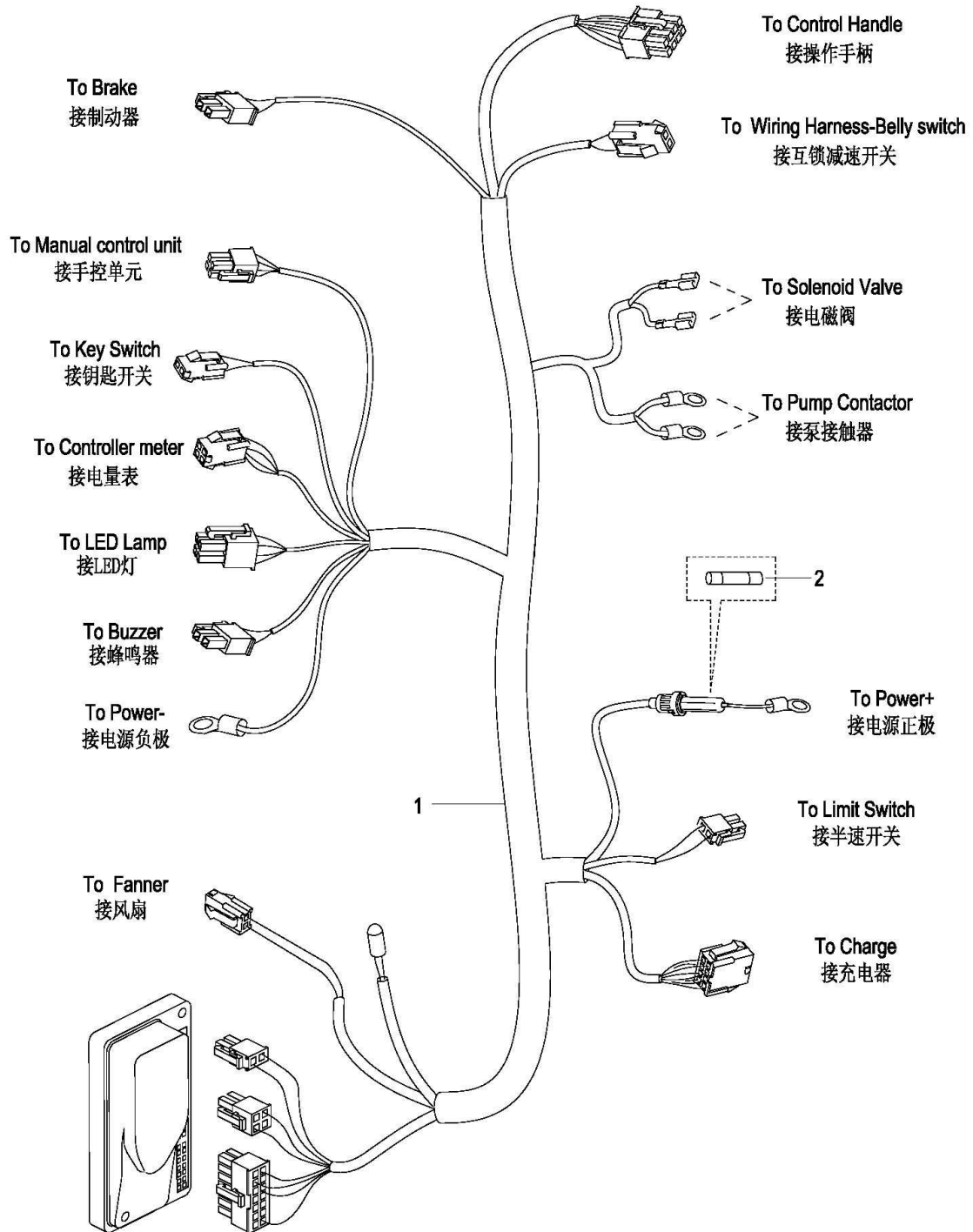
Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	01 0000-000666-00	Screw M3×8	螺钉	2	-427120198	
	02 0000-000109-00	Screw M8×16	螺钉	1	427120199-	EP20180905-01
2	01 1115-520015-00	Buzzer Assembly	蜂鸣器总成	1	-427120198	With wire
					427120199-42	EP20180905-01
	02 1120-500003-00	Horn	喇叭	1	7150362	
	03 1120-500003-0A	Horn	喇叭	1	427150363-	EP20180905-02
3	01 1115-510006-00	Meter 906	906 电量表	1	-4311210393	Without hour meter
	02 2105-500003-00	Meter 803	803 电量表	1	4311210394-	BGD-22-000003
3	01 1115-510006-20	Meter 803,With hour meter	803 电量表	1		Cancelled
						For Maintenance-free
	02 1115-510006-2B-02	Meter 803,With hour meter	803 电量表	1		Battery,Superseded by
						2105-500003-00
	03 2105-500003-00	Meter 803	803 电量表	1		BGD-22-000003
4	01 1115-520019-00	Switch Assembly	钥匙开关总成	1		Cancelled/取消
	02 1115-520019-0A	Switch Assembly	钥匙开关总成	1		
5	01 1115-520013-00	LED Wire Harness	LED 灯总成	1		Superseded by
						1115-520013-DZ
	02 1115-520013-DZ	LED Wire Harness	LED 灯总成	1		EP20200321
6	01 1115-520005-0A	Meter 906 Wire Harness	906 电量表线束	1	-4311210393	
	02 1115-520005-20	Meter 803 Wire Harness	803 电量表线束	1	4311210394-	BGD-22-000003
6	1115-520005-20	Meter 803 Wire Harness	803 电量表线束	1		
7	0000-000088-00	Screw M4×8	螺钉	4		
8	0000-000702-00	Flatwasher ø4	平垫	6		
9	01 2108-520014-00	Charge Assembly	充电器	1	-S2321137	
	02 2108-520014-0A	Charge Assembly	充电器	1	S2321138-425	
	03 2108-520014-10	Charge Assembly	充电器	1	425150726-	
10	0000-000196-00	Nut M8	螺母	4		
11	0000-000194-00	Flatwasher ø8	平垫	2		
12	01 1115-510003-00	Fuse 100A	保险丝	1	-S2318245	
	02 2108-500001-00	Fuse 150A	保险丝	1	S2318246-	
13	0000-000126-00	Screw M6×16	螺钉	2		
14	1120-540001-00	Fuse Stand	保险丝座	1		
15	0000-000664-00	Screw M4×40	螺钉	2		
16	0000-000122-00	Lockwasher ø4	弹垫	8		
17	01 1115-510004-00	Controllor	控制器	1		Cancelled/取消
						For CHINA,
	02 1115-510004-00-D0	Controllor	控制器	1		Superseded by
						1115-510004-00-20
	03 1115-510004-00-20	Controllor	控制器	1		BGD-21-006023
17	1115-510004-00-20	Controllor	控制器	1		For other market
18	01 1115-510005-00	Finning	散热片	1	-051012	
	02 1115-510005-0A	Finning	散热片	1	051012-	
19	1115-500009-00	Charger Hoop	充电器抱箍	2		
20	0000-000159-00	Lockwasher ø8	弹垫	2		



21	0000-000176-00	Flatwasher ø8	平垫	2		
22	2111-541000-00-BG	Bracket	电瓶固定板	1		Superseded by 2108-540001-00
22	2108-540001-00	Bracket	电瓶固定板	1		BGD-22-001092
23	2108-500005-00	Battery	电瓶	2		80AH / 12V
23	1115-500005-00-02	Battery	电瓶	2		85AH / 12V
23	2108-500005-60-01	Battery	电瓶	2		105AH / 12V
24	0000-000378-00	Screw M4×16	螺钉	2		
25	1220-500005-00	Terminal	接线端	1		
26	2108-520006-00	Half Speed Switch Harness	半速开关线束	1		
27	0000-000010-00	Screw M5×6	螺钉	4		
28	0000-000616-00	Screw M5×10	螺钉	2		
29	1115-510008-00	Emergency Stop Switch	紧停开关	1		
30	1115-500006-00	Charger Cable EUROPE	充电线 欧标	1		For EUROPE,Superseded by 1120-510002-00-22
30	1120-510002-00-22	Charger Cable EUROPE	充电线 欧标	1		For EUROPE,BGD-21-009939
30	1115-500006-10	Charger Cable USA	充电线 美标	1		For USA,Superseded by 1120-510002-00-18
30	1120-510002-00-18	Charger Cable USA	充电线 美标	1		For USA,BGD-21-009939
30	1115-500006-20	Charger Cable AUS	充电线 澳标	1		For AUS,Superseded by 1120-510002-00-17
30	1120-510002-00-17	Charger Cable AUS	充电线 澳标	1		For AUS,BGD-21-009939
30	1115-500006-30	Charger Cable END	充电线 英标	1		For END,Superseded by 1120-510002-00-21
30	1120-510002-00-21	Charger Cable END	充电线 英标	1		For END,BGD-21-009939
30	1115-500006-40	Charger Cable JAPAN	充电线 日标	1		For JAPAN,Superseded by 1120-510002-00-16
30	1120-510002-00-16	Charger Cable JAPAN	充电线 日标	1		For JAPAN,BGD-21-009939
30	1115-500006-50	Charger Cable CHINA	充电线 国标	1		For CHINA,Superseded by 1113-500026-50
30	1113-500026-50	Charger Cable CHINA	充电线 国标	1		For CHINA,BGD-20-026006,Su perseded by 1120-510002-00-23
30	1120-510002-00-23	Charger Cable CHINA	充电线 国标	1		For CHINA,BGD-21-009939
31	2125-500003-00	Half speed Switch	半速开关	1		
32	1115-510009-00	Lamp Holder	LED 灯座	1		
33	1115-510008-10	Switch Button	开关按钮	1		
34	1115-520020-00	3M Patch	3M 贴片	1	425150726-	
35	1115-520021-00	Ground Line	接地线	1	426191250-	
36	0000-000194-00	Flatwasher ø8	平垫	1	427120199-	EP20180905-01
37	0000-000159-00	Lockwasher ø8	弹垫	1	427120199-	EP20180905-01
38	2108-520016-00	Wire	喇叭转接线	1	427120199-	EP20180905-01

0503 Wiring Harness Assembly

线束总成



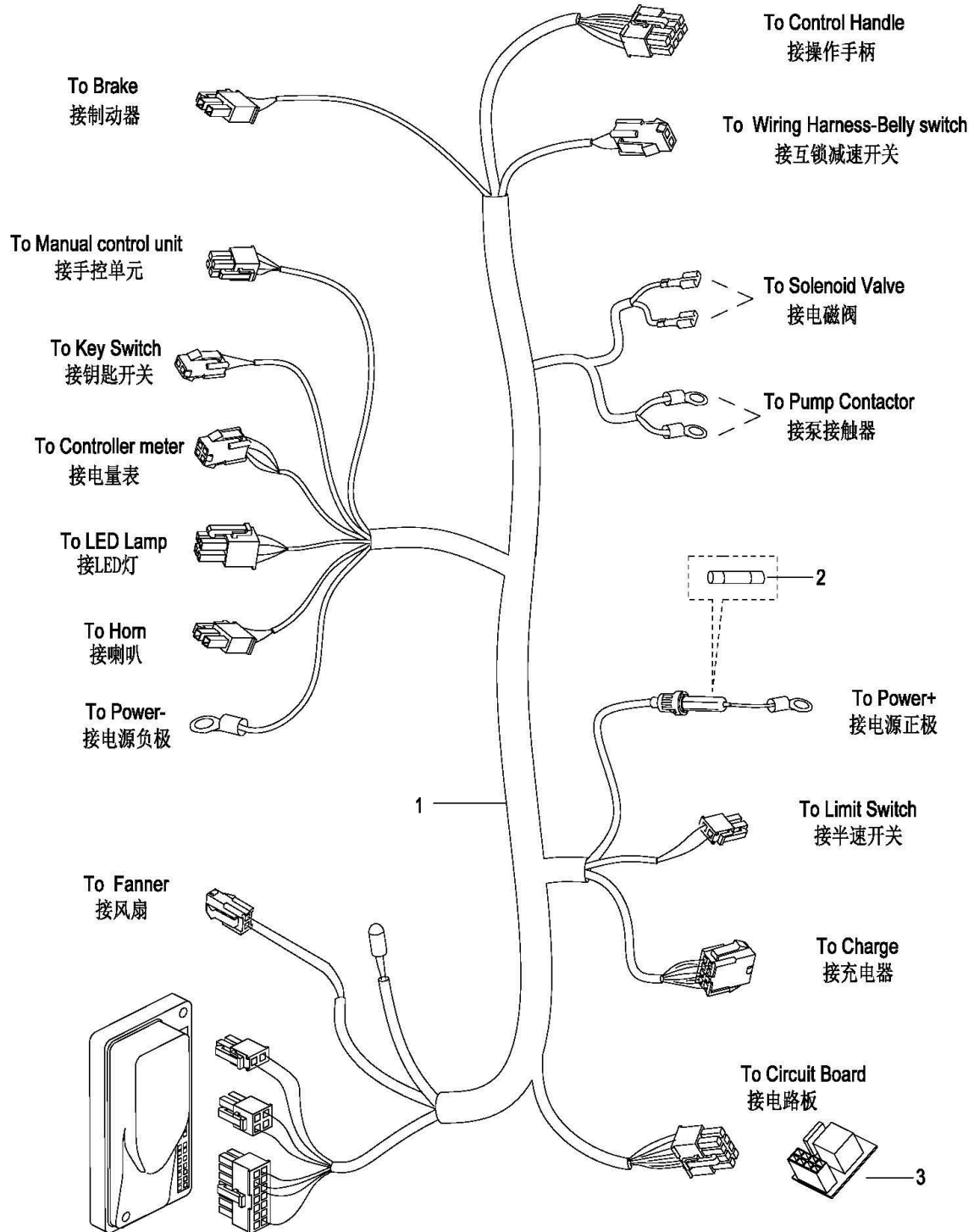
0503 Wiring Harness Assembly

线束总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	2108-520001-00	Master Wiring Harness	主线束	1		
2	1120-500010-00	Fuse 10A	保险丝	1		

0503 Wiring Harness Assembly(For Europe)

线束总成

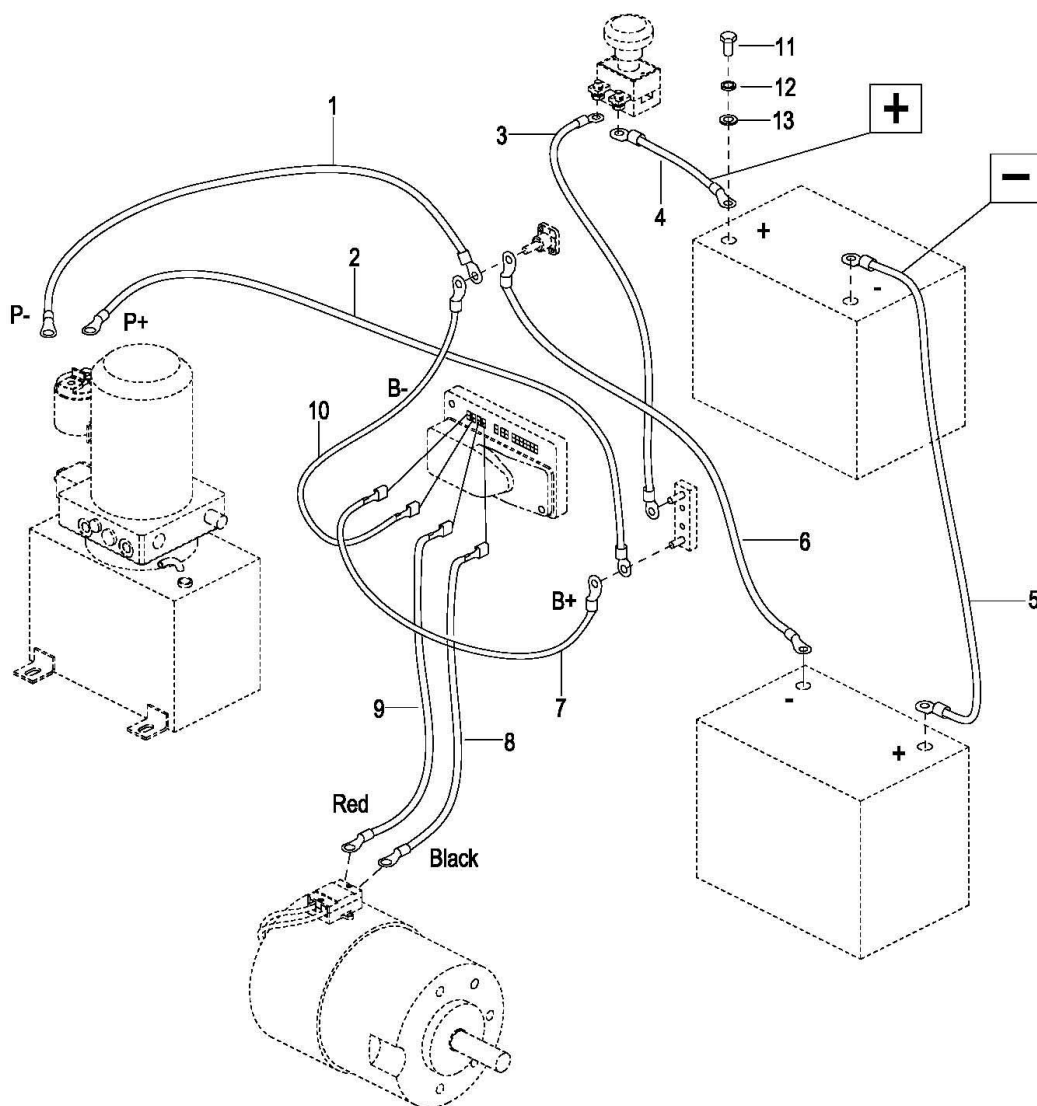


0503 Wiring Harness Assembly(For Europe)

线束总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	2108-520001-EU	Master Wiring Harness	主线束	1		
2	1120-500010-00	Fuse 10A	保险丝	1		
3	2108-520003-Q0	Module	电路板	1		

0504 Cable Assembly  
电缆总成



0504 Cable Assembly

电缆总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	2108-530006-60	P- Cable	P-电缆线	1		
2	2108-530005-60	P+ Cable	P+电缆线	1		
3	2108-530009-60	C3 Cable	C3 电缆线	1		
4	2108-530010-60	C4 Cable	C4 电缆线	1		
5	2108-530008-60	C2 Cable	C2 电缆线	1		
6	2108-530007-60	C1 Cable	C1 电缆线	1		
7	2108-530001-60	B+ Cable	B+电缆线	1		
8	01 2108-530004-60	M2 Cable	M2 电缆线	1		Superseded by 2108-530004-00
	02 2108-530004-00	M2 Cable	M2 电缆线	1		EP20200423
9	01 2108-530003-60	M1 Cable	M1 电缆线	1		Superseded by 2108-530003-00
	02 2108-530003-00	M1 Cable	M1 电缆线	1		EP20200423
10	2108-530002-60	B- Cable	B-电缆线	1		
11	0000-000277-00	Bolt M8×25	螺栓	4		
12	0000-000159-00	Lockwasher ø8	弹垫	4		
13	0000-000176-00	Flatwasher ø8	平垫	4		

**6000**

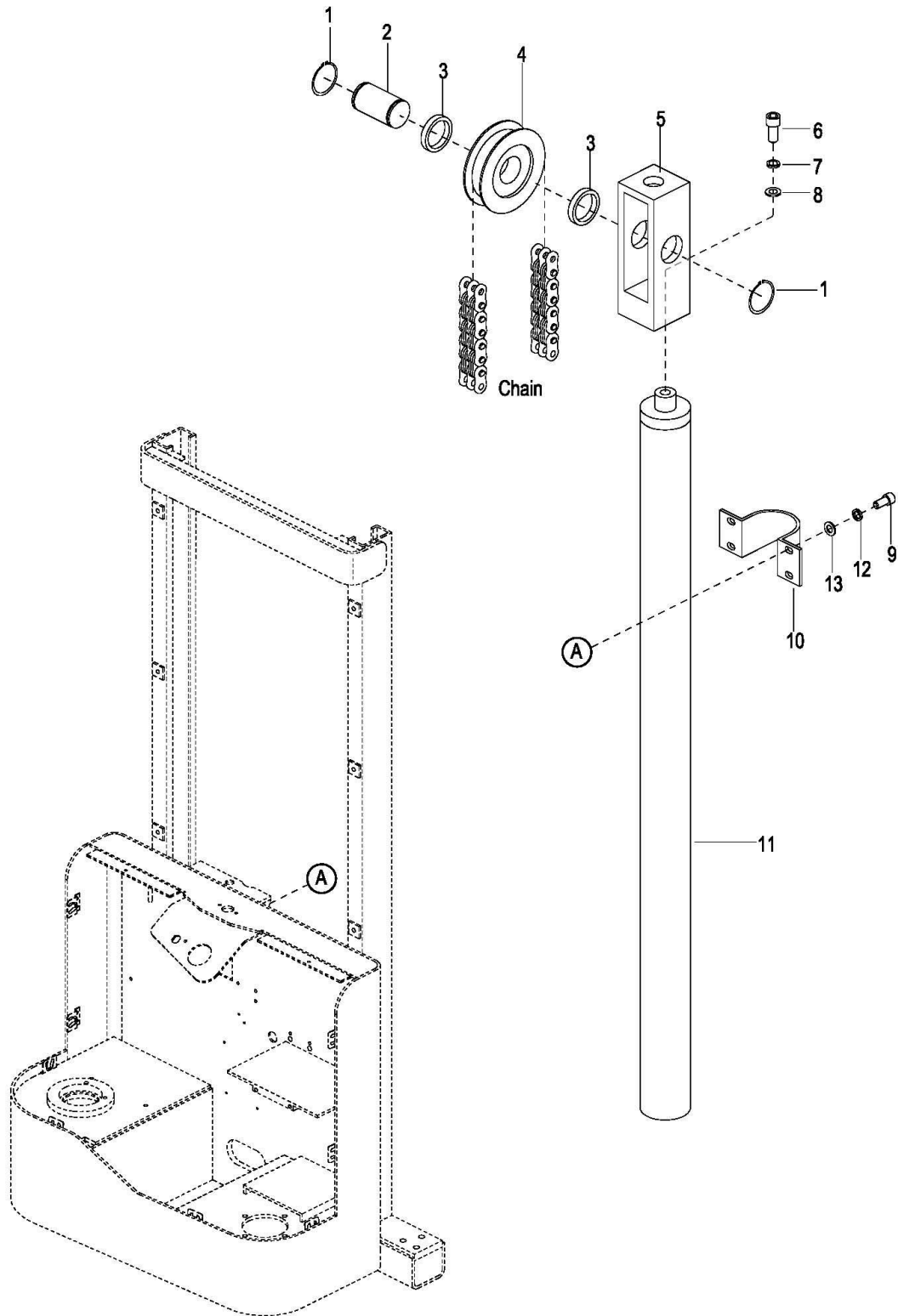
**Lifting System**

**起升系统**



0601 Single Stage Mast Lifting System

单级门架起升系统

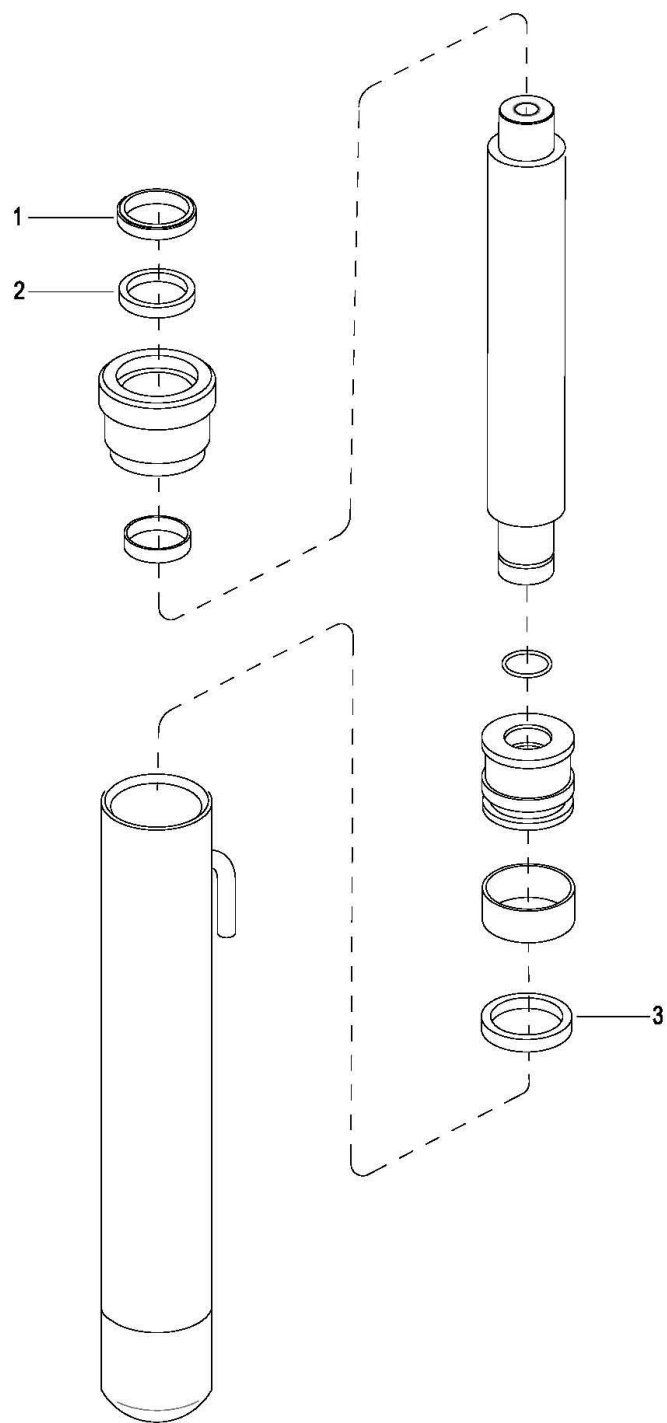


**0601 Single Stage Mast Lifting System**

单级门架起升系统

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	0000-000756-00	Retainer Ring ø40	2		
2	2108-600001-00	Shaft	1		
3	2108-600003-00	Washer	2		
4	2108-600002-00	Chain Roller	1		
5	2108-620000-00	Chain Bracket	1		
6	0000-000374-00	Screw M12×30	1		
7	0000-000060-00	Lockwasher ø12	1		
8	0000-000373-00	Flatwasher ø12	1		
9	0000-000321-00	Screw M8×20	4		
10	2111-600001-20	Cylinder Bracket	1		
11	See Form 6.1	Lifting Cylinder	1		See 0602
12	0000-000159-00	Lockwasher ø8	4		
13	0000-000176-00	Flatwasher ø8	4		

0602 Lifting Cylinder  
起升油缸



**0602 Lifting Cylinder**

起升油缸

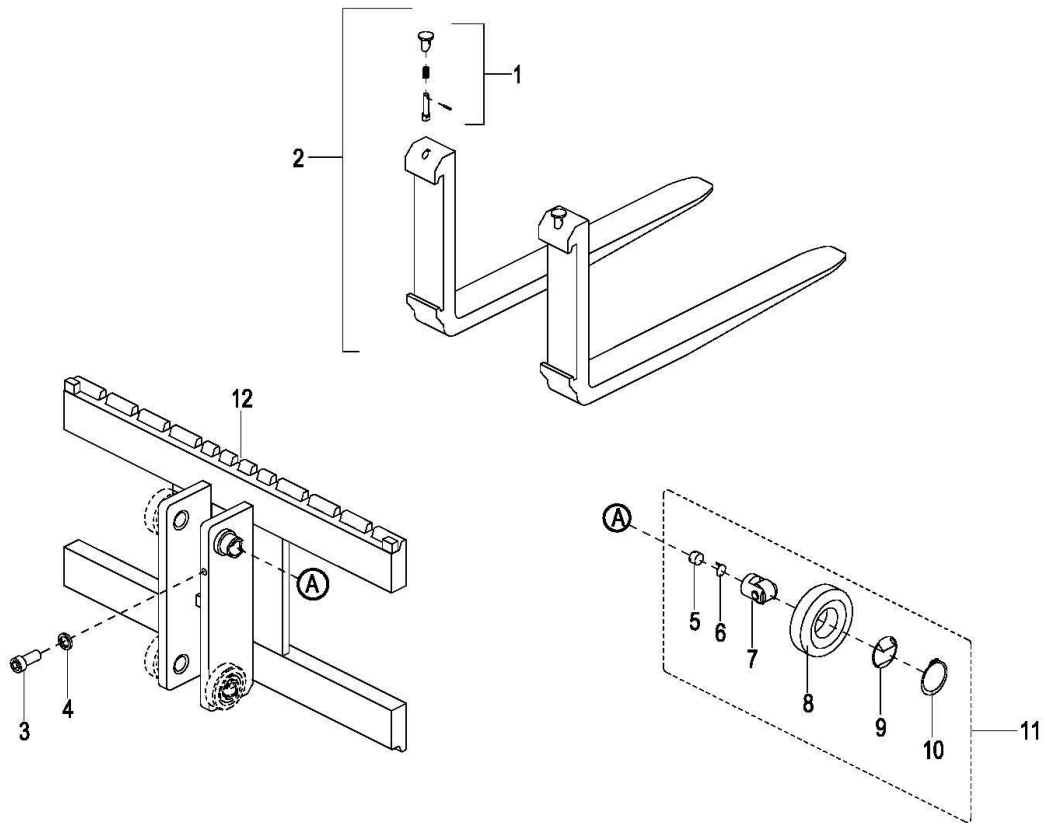
<b>Index</b>	<b>Part No.</b>	<b>Part Name</b>	<b>No.</b>	<b>Applied Date</b>	<b>Remark</b>
序号	零件编号	零件名称	数量	适用日期	备注
KIT	2125-ZZG-2A	Seal Kit for Cylinder (include item1,2,3)	1		油缸修理包 (包含序号 1, 2, 3)

**Form 6.1**

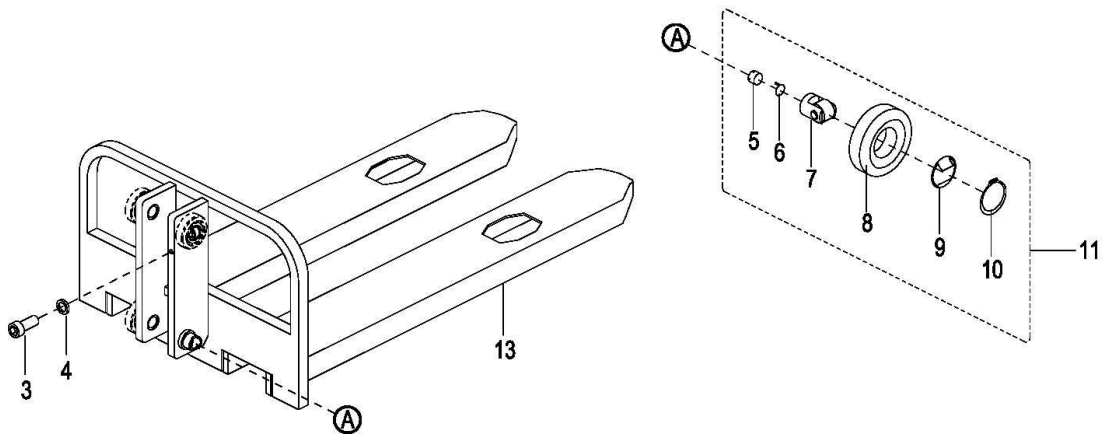
<b>Lifting Height</b> 起升高度		<b>Cylinder Part No.</b> 油缸零件编号
<b>mm</b>	<b>in</b>	
1200	47	2111-410000-20-01
1400	55	2111-410000-20-02
1600	63	2111-410000-20-03
1700	67	2111-410000-20-04
1900	75	2111-410000-20-05

0603 Mono Mast Fork Frame,12MM/25MM

单级门架货叉架



Straddle



0603 Mono Mast Fork Frame,12MM/25MM

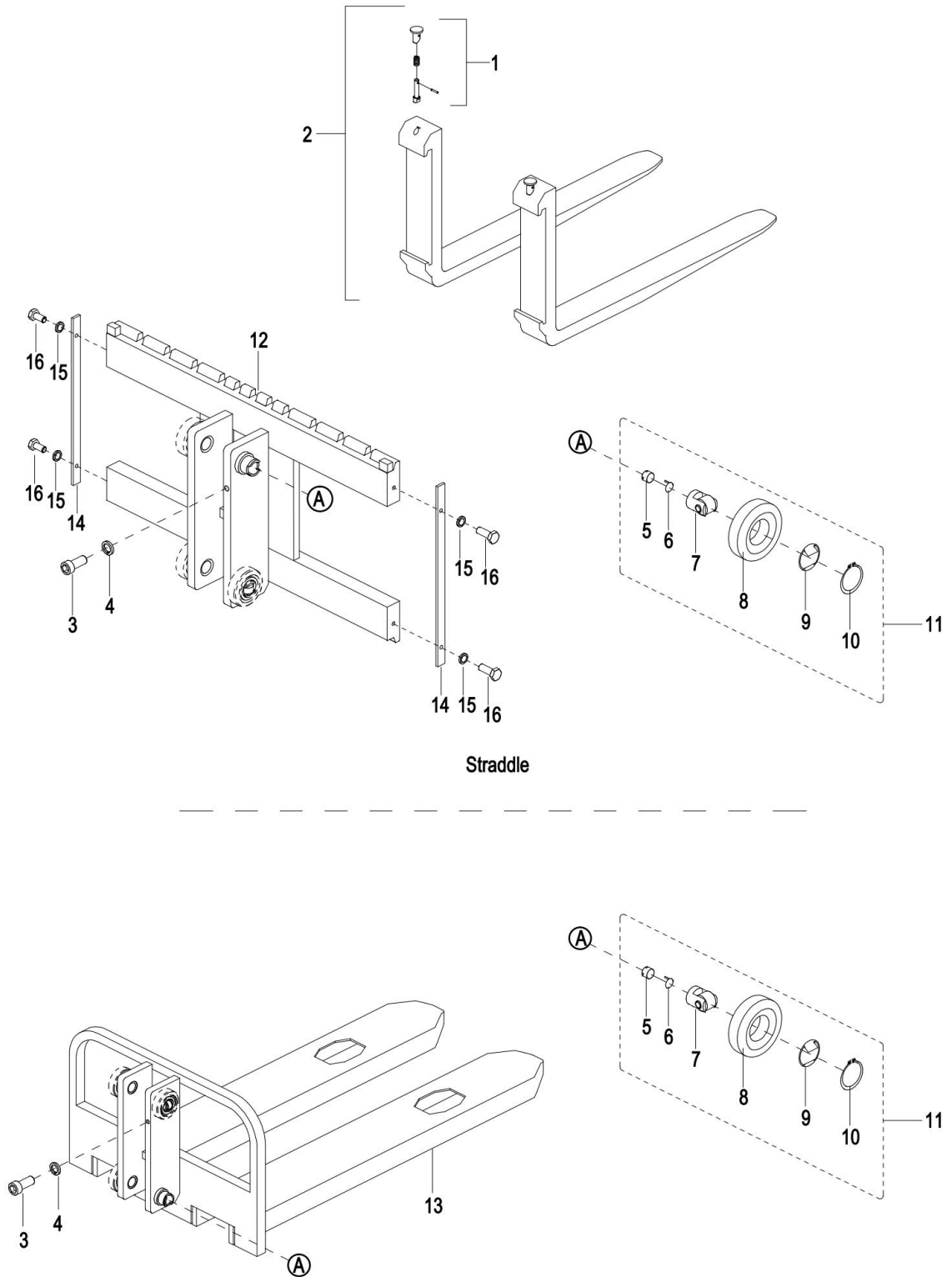
单级门架货叉架

Index 序号	Part No. 零件编号	Part Name 零件名称	No. 数量	Applied Date 适用时间	Remark 备注
1	2125-630001-10	Shaft	销轴	2	
2	01 2125-630001-00	Fork	货叉	2	Superseded by 2108-630001-10-01
	02 2108-630001-10-01	Fork	货叉	2	
3	0000-000008-00	Screw M10×20	螺钉	1	
4	0000-000063-00	Lockwasher ø10	弹垫	1	
5	2125-631104-00	Screw	调节螺钉	4	
6	2125-612007-00	Snap Ring	止松片	4	
7	2125-612002-00	Bracket Assembly	副滚轮	4	
8	2125-612001-00	Roller Assembly	主滚轮组	4	
9	2125-612005-00	Dust Snap	防尘片	4	
10	0000-000183-00	Retainer Ring ø35	轴用挡圈	4	
11	2125-631100-00	Roller Assembly	滚轮总成	4	
12	2108-631000-10	Fork Frame	货叉架	1	
13	2108-610000-00	Fork Frame	货叉架	1	

0603 Mono Mast Fork Frame,12MM/25MM

(S.N. before -4321200741)

单级门架货叉架



0603 Mono Mast Fork Frame,12MM/25MM

单级门架货叉架

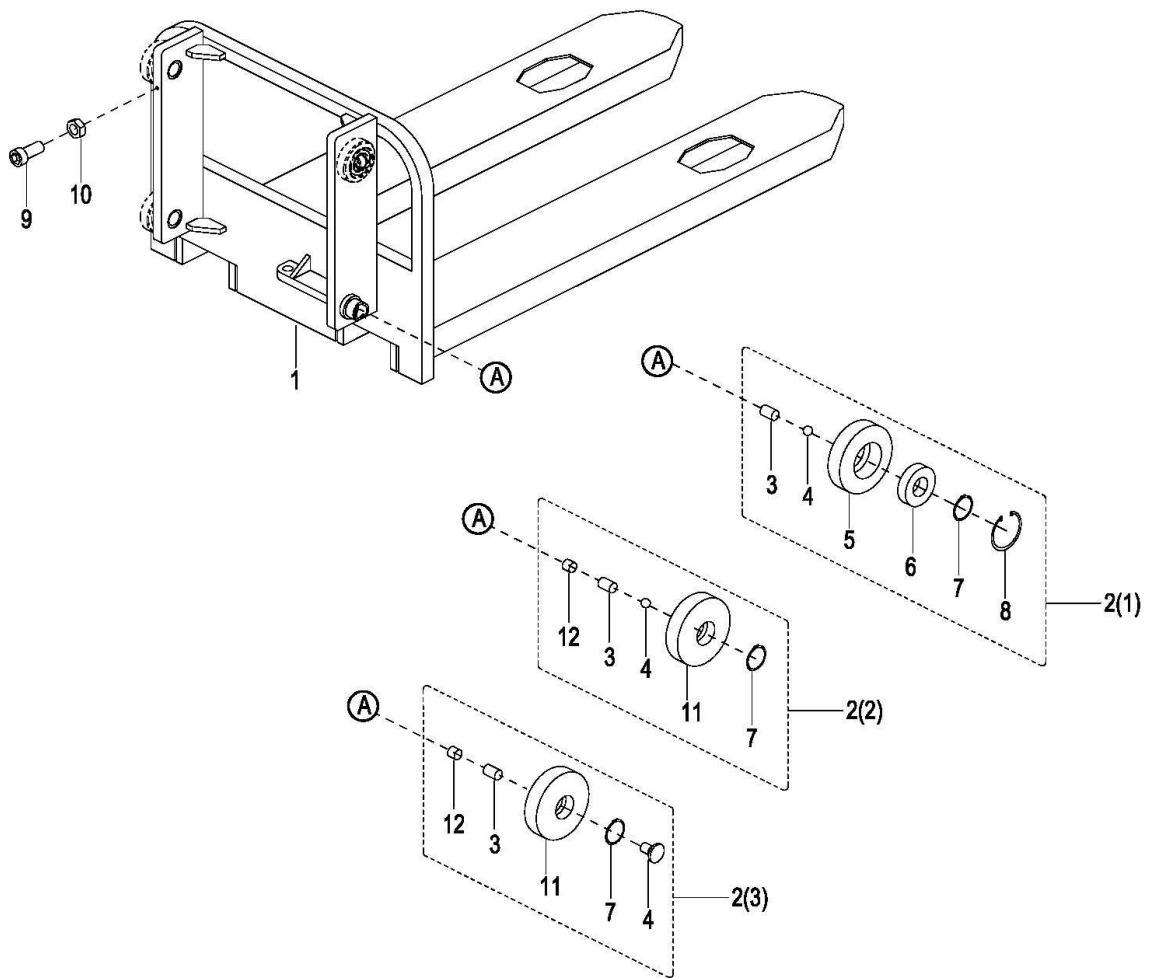
Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2125-630001-10	Shaft	销轴	2		
2	2108-630001-10-01	Fork	货叉	2		
3	0000-000008-00	Screw M10×20	螺钉	1		
4	0000-000063-00	Lockwasher ø10	弹垫	1		
5	2125-631104-00	Screw	调节螺钉	4		
6	2125-612007-00	Snap Ring	止松片	4		
7	2125-612002-00	Bracket Assembly	副滚轮	4		
8	2125-612001-00	Roller Assembly	主滚轮组	4		
9	2125-612005-00	Dust Snap	防尘片	4		
10	0000-000183-00	Retainer Ring ø35	轴用挡圈	4		
11	2125-631100-00	Roller Assembly	滚轮总成	4		
12	2108-631000-10	Fork Frame	货叉架	1		
13	2108-610000-00	Fork Frame	货叉架	1		
14	2108-632001-10	Plate	限位安装板	2		
15	304000000051	Lockwasher ø12	标准弹簧垫圈	4		
16	301002000037	Bolt M12×30	六角头螺栓全螺纹	4		



060301 Single Stage Mast Fork Frame,12ES

(S.N. after 4321200742-)

单级门架货叉架



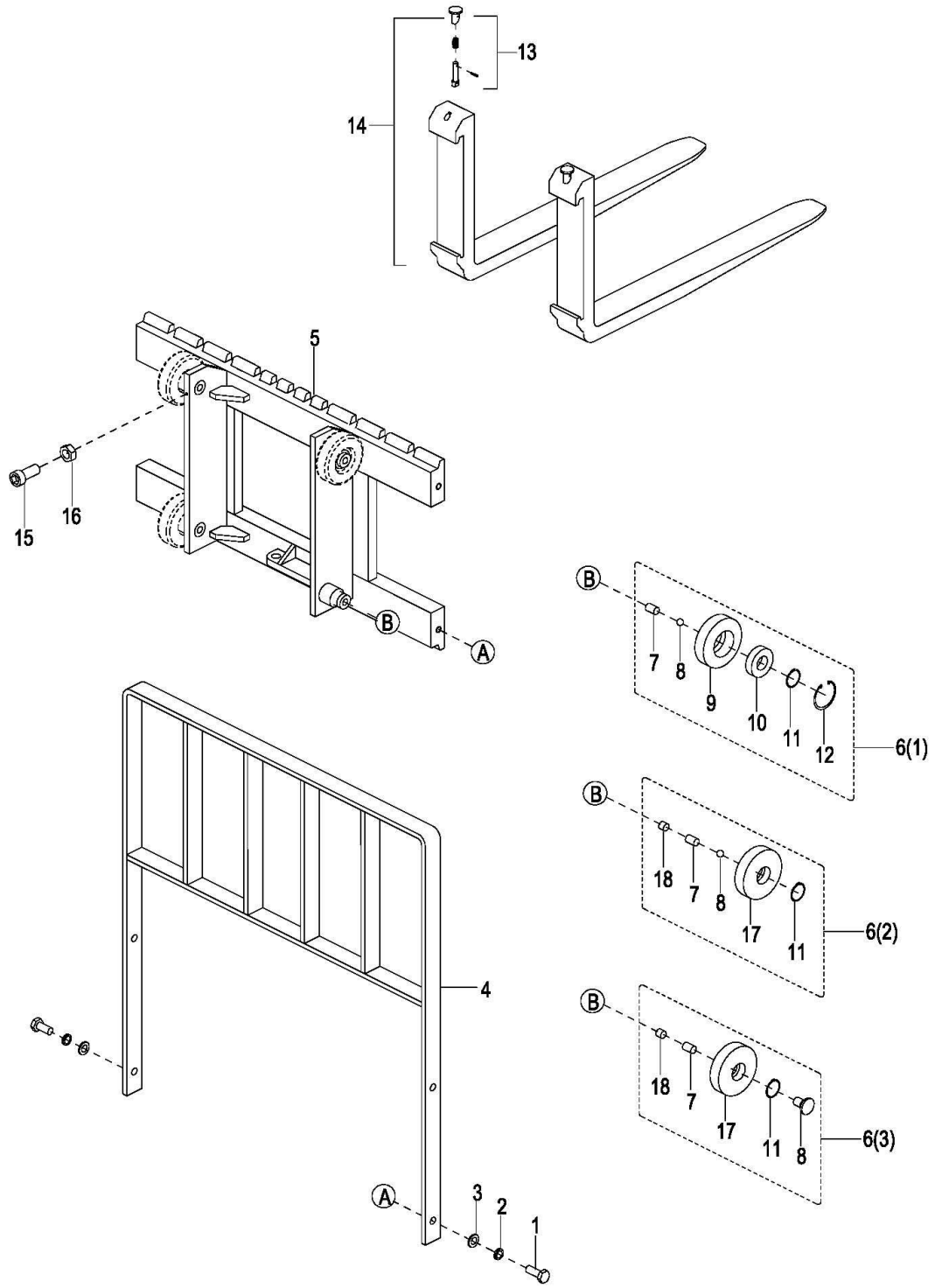
0603 Single Stage Mast Fork Frame,12ES

单级门架货叉架

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	2111-620000-20	Fork Frame	货叉架	1		W=570mm
2	2108-632000-60	Roller Assembly	滚轮总成	2	-424191220	With (1)
2	2108-632000-70	Roller Assembly	滚轮总成	2	424191221-427 100538	With (2)
2	2108-632000-6A	Roller Assembly	滚轮总成	2	427100539-	With (3)
3	0000-000761-00	Screw M12×20	螺钉	4		
4 01	0000-000777-00	Steel ball 12.0000 G100 b	钢球	4	-427100538	
02	2108-600012-60	Washer	调整垫片	4	427100539-	
5	2108-600007-60	Roller shell	滚轮壳	4	-424191220	With (1)
6	0000-000420-00	Bearing 6206	深沟球轴承	4	-424191220	With (1)
7	0000-000434-00	Retainer Ring ø30	轴用挡圈	4		
8	0000-000762-00	Elastic Collar Φ62	孔用挡圈	4	-424191220	With (1)
9	0000-000008-00	Screw M10×20	螺钉	1		
10	0000-000553-00	Nut M10	螺母	1		
11	2108-650000-60	Roller	复合滚轮	4	424191221-	With (2)
12	0000-001525-00	Screw M12×10	螺钉	4	424191221-	

0604 Single Stage Mast (Straddle) Fork Frame,25DM

单级门架（宽腿）货叉架



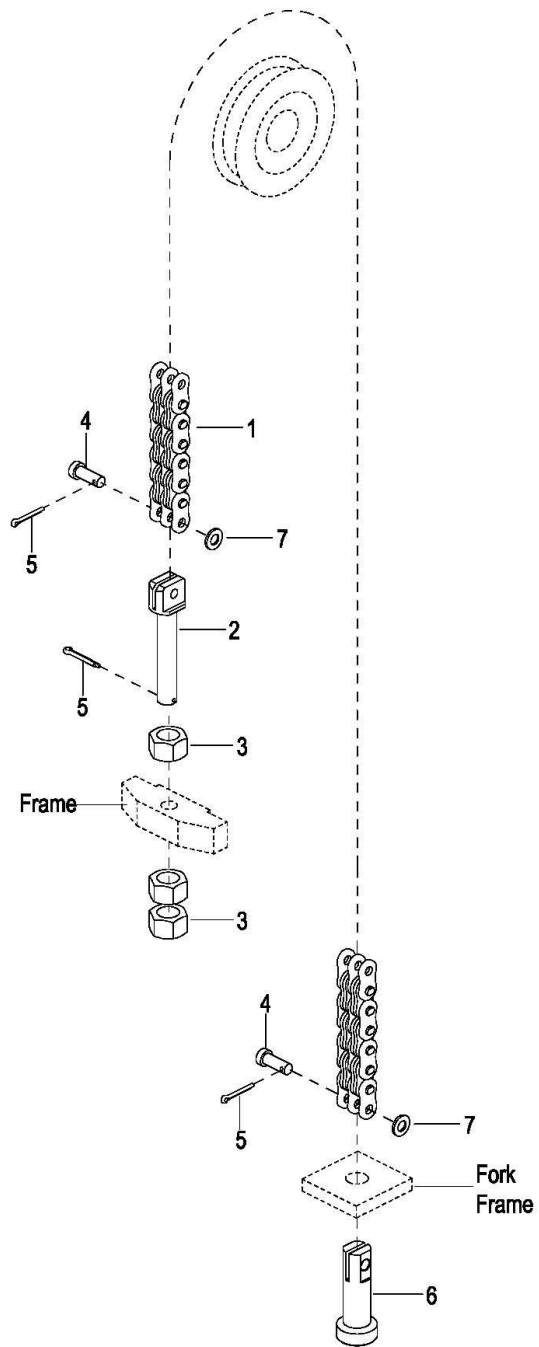
0604 Single Stage Mast (Straddle) Fork Frame,25DM

单级门架（宽腿）货叉架

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	0000-000284-00	Bolt M12×30	4		
2	0000-000060-00	Lockwasher ø12	4		
3	0000-000373-00	Flatwasher ø12	4		
4	2125-632000-00	Blocking Shelf	1		
5	2111-631000-30	Fork Frame	1		
6	01 2108-632000-60	Roller Assembly	2	-424191220	With (1)
	02 2108-632000-70	Roller Assembly	2	424191221-427100538	With (2)
	03 2108-632000-6A	Roller Assembly	2	427100539-	With (3)
7	0000-000761-00	Screw M12×20	4		
8	01 0000-000777-00	Steel ball 12.0000 G100 b	4	-427100538	
	02 2108-600012-60	Washer	4	427100539-	
9	2108-600007-60	Roller shell	4	-424191220	With (1)
10	0000-000420-00	Bearing 6206	4	-424191220	With (1)
11	0000-000434-00	Retainer Ring ø30	4		
12	0000-000762-00	Elastic Collar Φ62	4	-424191220	With (1)
13	2125-630001-10	Shaft	2		
14	2125-630001-00-01	Fork	2		L=1070mm
14	2125-630001-00-06	Fork	2		L=1150mm
14	2125-630001-00-02	Fork	2		L=1200mm
15	0000-000008-00	Screw M10×20	1		
16	0000-000553-00	Nut M10	1		
17	2108-650000-60	Roller	4	424191221-	With (2)
18	0000-001525-00	Screw M12×10	4	424191221-	

0605 Single Stage Mast Chain Assembly

单级门架链条总成



**0605 Single Stage Mast Chain Assembly**

单级门架链条总成

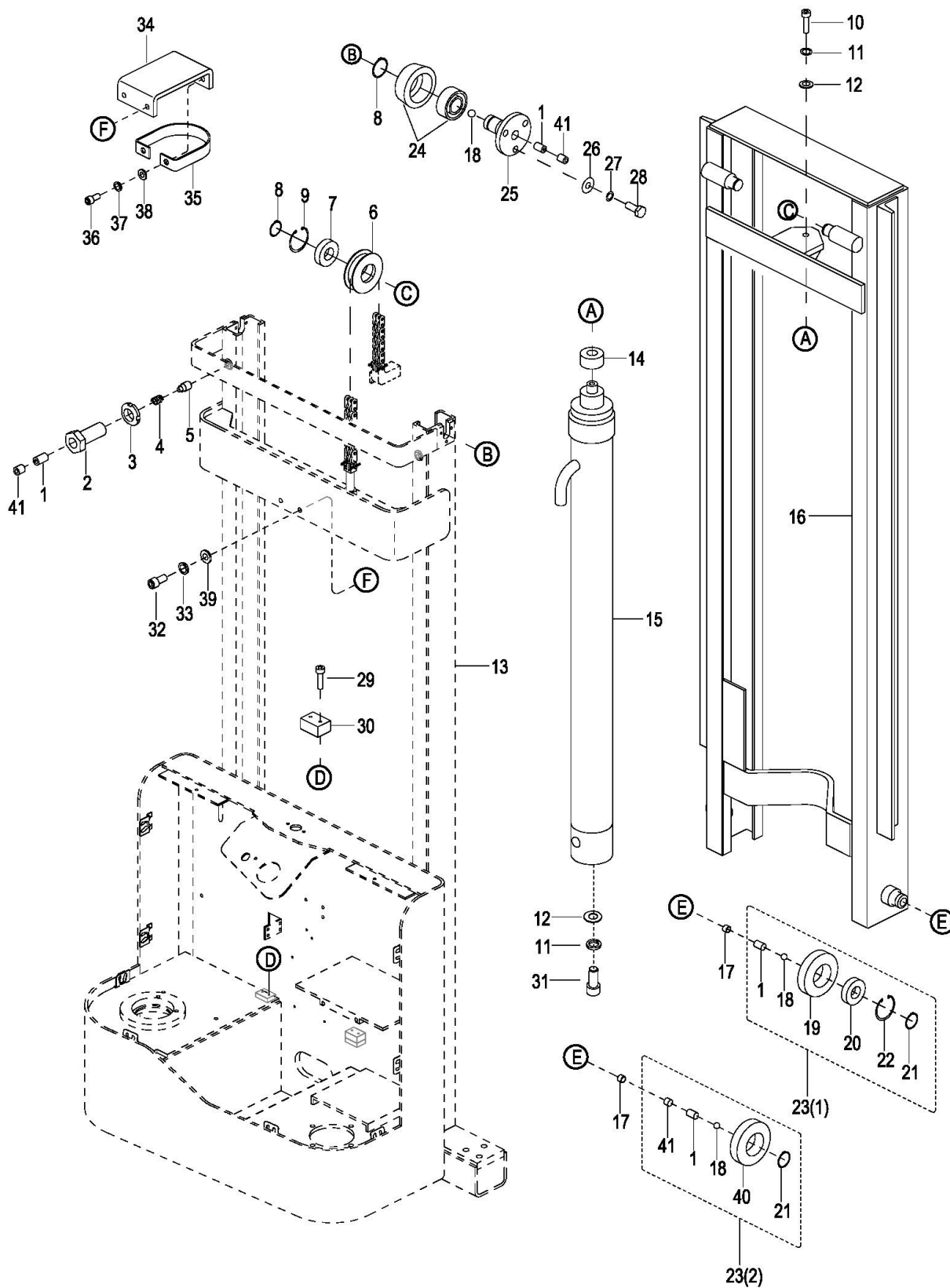
Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
0	2108-640000-0C-01	Chain Assembly	链条总成	1		H=1600mm
0	2108-640000-0C-02	Chain Assembly	链条总成	1		H=1950mm
1	See Form 6.2	Chain LH1234	链条 LH1234 见表 6.2	1		Parts being phased out
2	2108-640001-00	Bolt	链条螺栓	1		Parts being phased out
3	0000-000237-00	Nut M16×1.5	螺母	3		
4	2108-640002-00	Pin Shaft	销轴	2		Parts being phased out
5	0000-000188-00	Pin ø3.2×20	开口销	3		
6	2108-640003-00	Chain Anchor	链条接头	1		Parts being phased out
7	0000-000176-00	Flatwasher ø8	平垫	2		

**Form 6.2**

Mast 门架类型	Lifting Height(h <sub>3</sub> ) 起升高度 (mm) / (in)		Part No. Of Chain 链条编号
	mm	in	
Mono Mast 单级门架	1200	47	2108-640004-00-03
	1400	55	2108-640004-00-04
	1600	63	2108-640004-00-01
	1700	67	2108-640004-00-05
	1900	75	2108-640004-00-02

0606 Duplex Mast Lifting System

两级门架起升系统



0606 Duplex Mast Lifting System

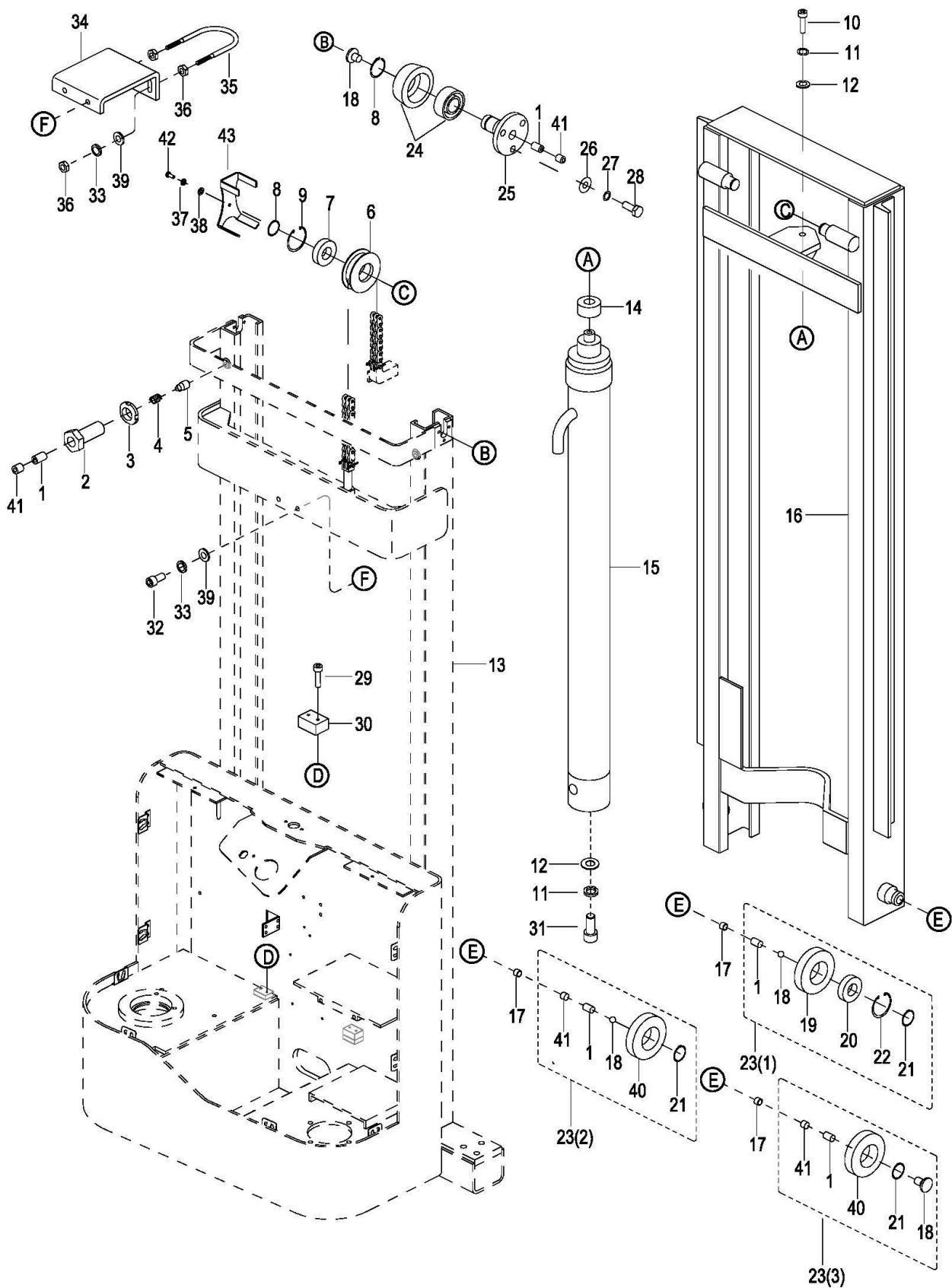
两级门架起升系统

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	0000-000761-00	Screw M12×20	6		
2	2108-600002-60	Bolt	2		
3	0000-000757-00	Nut M20X1.5	2		
4	2108-600003-60	Spring	2		
5	2108-600004-60	Positioning rod	2		
6	2108-600005-60	Chain roller ø84/ø52X33	2		
7	0000-000100-00	Bearing 6205	2		
8	0000-000294-00	Retainer Ring ø25	4		
9	0000-000758-00	Elastic Collar Φ52	2		
10	0000-000374-00	Screw M12×30	1		
11	0000-000060-00	Lockwasher ø12	2		
12	0000-000373-00	Flatwasher ø12	2		
13	2111-610000-00	Outside Mast	1		
14	2108-600001-60	Bushing	1		
15	See Form 6.3	Lifting Cylinder	1		See 0607
16	2111-620000-00	Inner Mast	1		
17	01 2108-600006-60	Column	2		Cancelled /取消
	02 2108-600010-60	Column	2		
18	0000-000777-00	Steel ball 12.0000 G100 b	4		
19	2108-600007-60	Roller shell ø170.2×32	2	-424191220	With (1)
20	0000-000420-00	Bearing 6206	2	-424191220	With (1)
21	0000-000434-00	Retainer Ring ø30	2		
22	0000-000762-00	Elastic Collar Φ62	2	-424191220	With (1)
23	01 2108-632000-60	Roller Assembly	2	-424191220	With (1)
	02 2108-632000-70	Roller Assembly	2	424191221-	With (2)
24	2108-600008-60	Roller shell ø72X30	2		
	0000-000759-00	Bearing 3205	2		
25	2108-600009-60	Bearing Block	2		
26	0000-000007-00	Flatwasher ø10	6		
27	0000-000063-00	Lockwasher ø10	6		
28	0000-000760-00	Bolt M10×30	6		
29	0000-000055-00	Screw M6×16	4		
30	2125-600005-00	Buffer Block	2		
31	0000-000325-00	Screw M12×20	1		
32	0000-000109-00	Screw M8×16	2		
33	0000-000159-00	Lockwasher ø8	2		
34	01 2108-600002-a0	Plate	1		Cancelled
	02 2108-600006-6A	Plate	1	-424171062	
35	01 2108-600001-a0	Cylinder Bracket	1		Cancelled
	02 2108-600003-6A	Cylinder Bracket	1	-424171062	
36	0000-000055-00	Screw M6×16	2	-424171062	
37	0000-000056-00	Lockwasher ø6	2		
38	0000-000380-00	Flatwasher ø6	2		
39	0000-000176-00	Flatwasher ø8	2		
40	2108-650000-60	Roller	2	424191221-	With (2)
41	0000-001525-00	Screw M12×10	6	424191221-	



060601 Duplex Mast Lifting System

两级门架起升系统



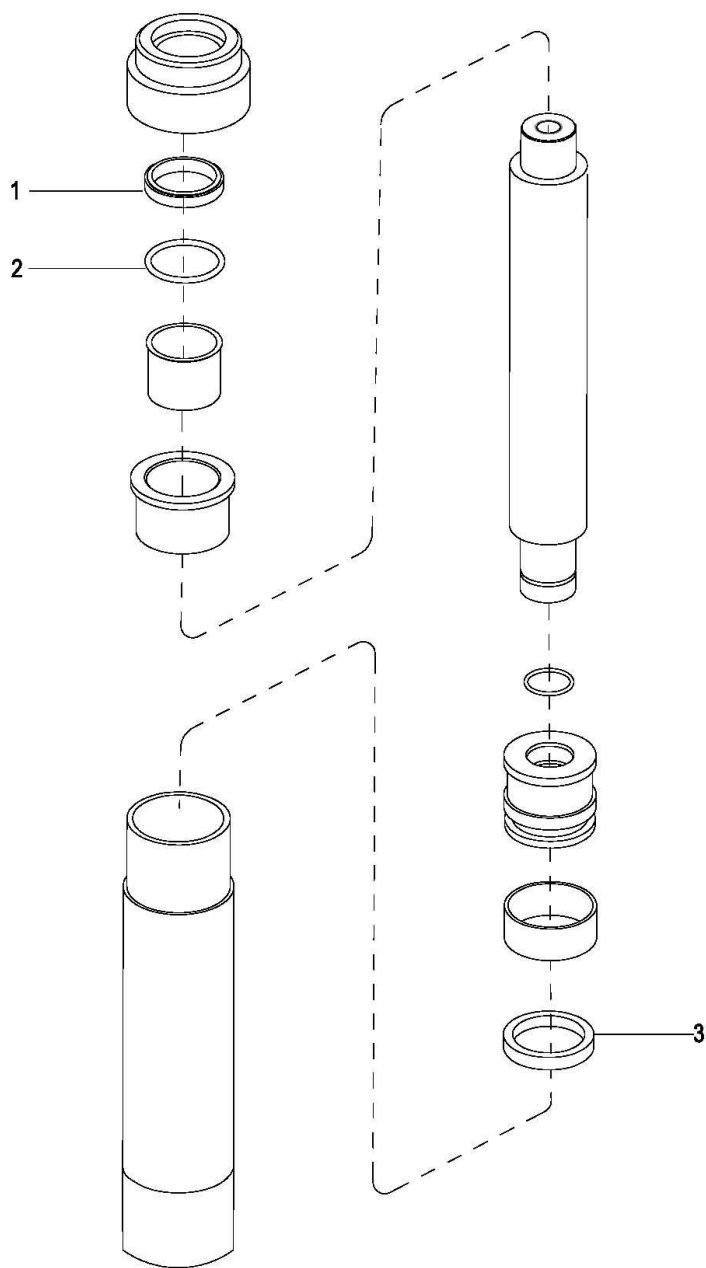
060601 Duplex Mast Lifting System

两级门架起升系统

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	0000-000761-00	Screw M12×20	6		
2	2108-600002-60	Bolt	2		
3	0000-000757-00	Nut M20X1.5	2		
4	2108-600003-60	Spring	2		
5	2108-600004-60	Positioning rod	2		
6	2108-600005-60	Chain roller ø84/ø52X33	2		
7	0000-000100-00	Bearing 6205	2		
8	0000-000294-00	Retainer Ring ø25	4		
9	0000-000758-00	Elastic Collar Φ52	2		
10	0000-000374-00	Screw M12×30	1		
11	0000-000060-00	Lockwasher ø12	2		
12	0000-000373-00	Flatwasher ø12	2		
13	2111-610000-00	Outside Mast	1		
14	2108-600001-60	Bushing	1		
15	See Form 6.3	Lifting Cylinder	1		See 0607
16	2111-620000-00	Inner Mast	1		
17	01 2108-600006-60	Column	2		Cancelled
	02 2108-600010-60	Column	2		
18	01 0000-000777-00	Steel ball 12.0000 G100 b	4	-427100538	
	02 2108-600012-60	Washer	4	427100539-	
19	2108-600007-60	Roller shell ø170.2×32	2	-424191220	With (1)
20	0000-000420-00	Bearing 6206	2	-424191220	With (1)
21	0000-000434-00	Retainer Ring ø30	2		
22	0000-000762-00	Elastic Collar Φ62	2	-424191220	With (1)
23	01 2108-632000-60	Roller Assembly	2	-424191220	With (1)
	02 2108-632000-70	Roller Assembly	2	424191221-427	With (2)
	03 2108-632000-6A	Roller Assembly	2	427100539-	With (3)
24	2108-600008-60	Roller shell ø72X30	2		
	0000-000759-00	Bearing 3205	2		
25	2108-600009-60	Bearing Block	2		
26	0000-000007-00	Flatwasher ø10	6		
27	0000-000063-00	Lockwasher ø10	6		
28	0000-000760-00	Bolt M10×30	6		
29	0000-000055-00	Screw M6×16	4		
30	2125-600005-00	Buffer Block	2		
31	0000-000325-00	Screw M12×20	1		
32	0000-000109-00	Screw M8×16	2		
33	0000-000159-00	Lockwasher ø8	4		
34	01 2108-600002-a0	Plate	1		Cancelled
	02 2108-600006-6A	Plate	1	-424171062	
	03 2108-600006-6B	Plate	1	424171063-427	
	04 2108-600006-6C	Plate	1	427100010-	EP20200724
35	01 2108-600001-a0	Cylinder Bracket	1		Cancelled
	02 2108-600003-6A	Cylinder Bracket	1	040913-424171	
	03 2108-600011-60	Bolt-U	1	424171063-427	
	04 2108-600011-6B	Bolt-U	1	427100010-	EP20200724
36	01 0000-000055-00	Screw M6×16	2	040913-424171	
	02 0000-000108-00	Nut M6	4	424171063-427	
	03 303000000116	Nut M8	4	427100010-	EP20200724
37	0000-000056-00	Lockwasher ø6	1	040913-	
38	0000-000380-00	Flatwasher ø6	1	040913-	

39	0000-000176-00	Flatwasher ø8	平垫	4	040913-	
40	2108-650000-60	Roller	复合滚轮	2	424191221-	With (2)
41	0000-001525-00	Screw M12×10	螺钉	6	424191221-	
42	0000-000274-00	Bolt M 6×25	螺栓	2	427162055-	EP20180829
43	2111-600001-A0	Retaining Plate	挡片	2	427162055-	EP20180829

0607 Lifting Cylinder  
起升油缸



**0607 Lifting Cylinder**

起升油缸

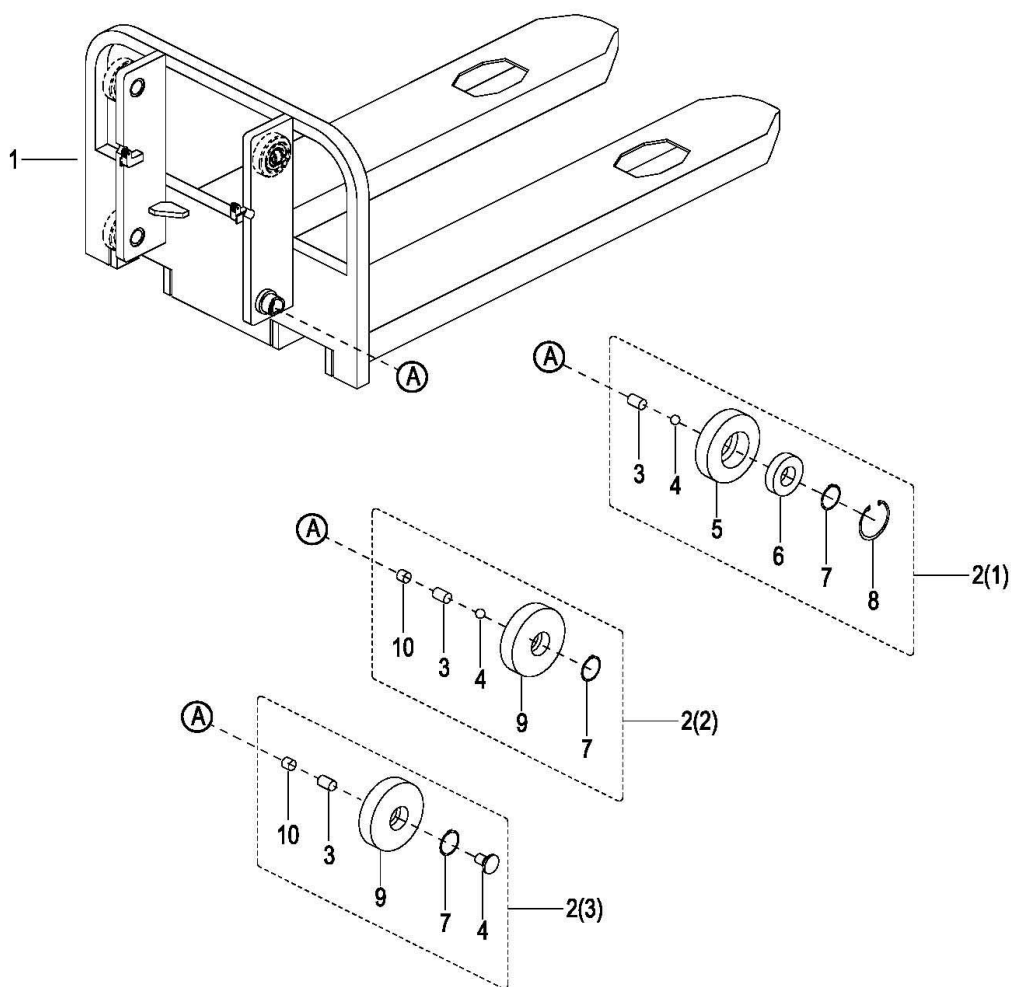
<b>Index</b> 序号	<b>Part No.</b> 零件编号	<b>Part Name</b> 零件名称		<b>No.</b> 数量	<b>Applied Date</b> 适用日期	<b>Remark</b> 备注
KIT	2125-ZZG-2A	Seal Kit for Cylinder (include item1,2,3 )	油缸修理包 (包含序号 1, 2, 3)	1		

**Form 6.3**

<b>Lifting Height</b> 起升高度		<b>Cylinder Part No.</b> 油缸零件编号
<b>mm</b>	<b>in</b>	
2700	106	2108-410000-60-01
3000	118	2108-410000-60-02
3300	130	2108-410000-60-03
2500	98	2108-410000-60-04
3600	142	2108-410000-60-05
3800	150	2108-410000-60-06
2300	90	2108-410000-60-07
2900	114	2108-410000-60-08

0608 Duplex Mast Fork Frame

两级门架货叉架



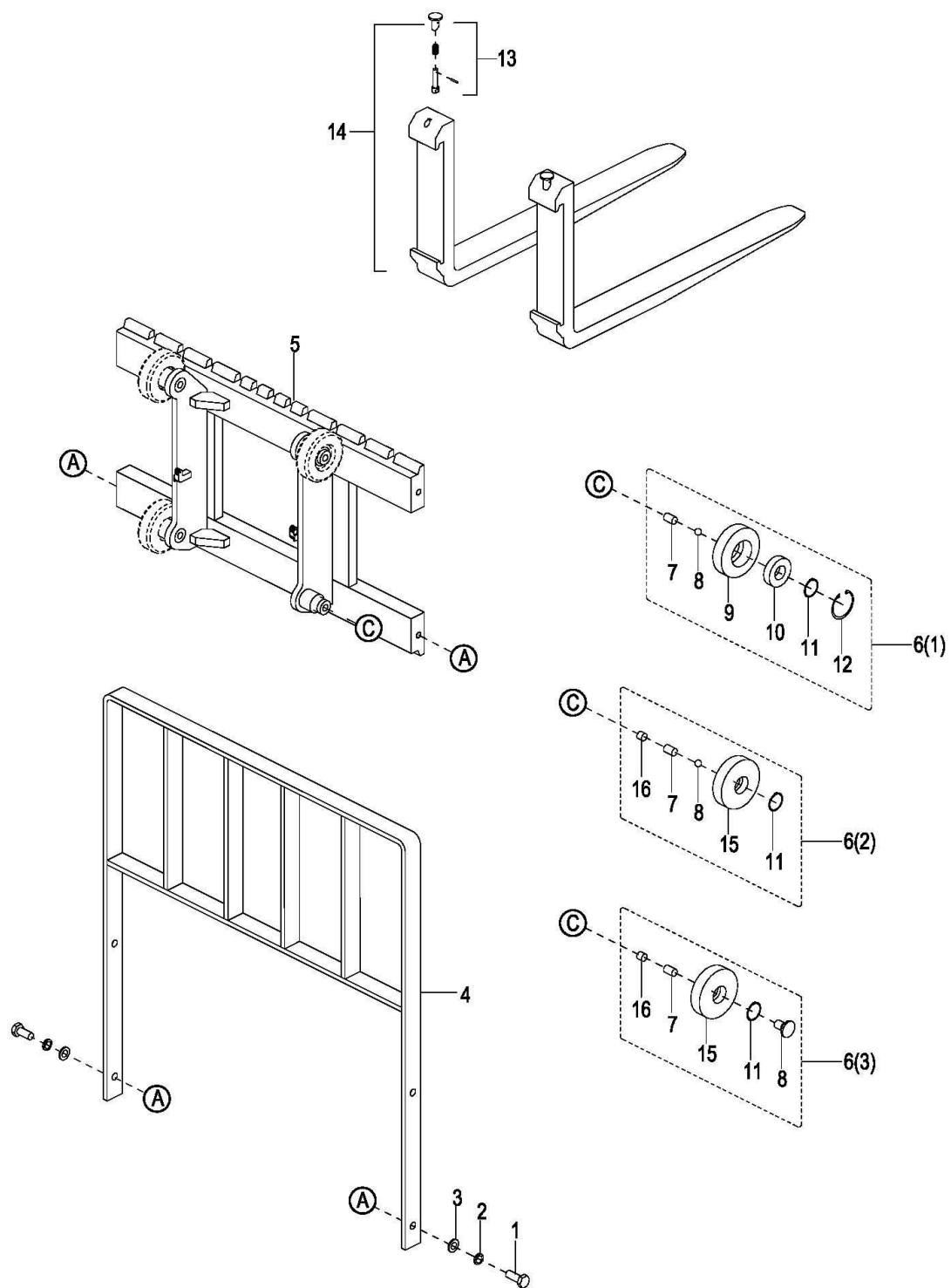
0608 Duplex Mast Fork Frame

两级门架货叉架

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1	2111-630000-00	Fork Frame	货叉架	1		
2	01 2108-632000-60	Roller Assembly	滚轮总成	2	-424191220	With (1)
	02 2108-632000-70	Roller Assembly	滚轮总成	2	424191221-427100538	With (2)
	03 2108-632000-6A	Roller Assembly	滚轮总成	2	427100539-	With (3)
3	0000-000761-00	Screw M12×20	螺钉	4		
4	01 0000-000777-00	Steel ball 12.0000 G100 b	钢球	4	-427100538	
	02 2108-600012-60	Washer	调整垫片	4	427100539-	
5	2108-600007-60	Roller shell	滚轮壳	4	-424191220	With (1)
6	0000-000420-00	Bearing 6206	深沟球轴承	4	-424191220	With (1)
7	0000-000434-00	Retainer Ring ø30	轴用挡圈	4		
8	0000-000762-00	Elastic Collar Φ62	孔用挡圈	4	-424191220	With (1)
9	2108-650000-60	Roller	复合滚轮	4	424191221-	With (2)
10	0000-001525-00	Screw M12×10	螺钉	4	424191221-	

0609 Duplex Mast (Straddle) Fork Frame

两级门架（宽腿）货叉架





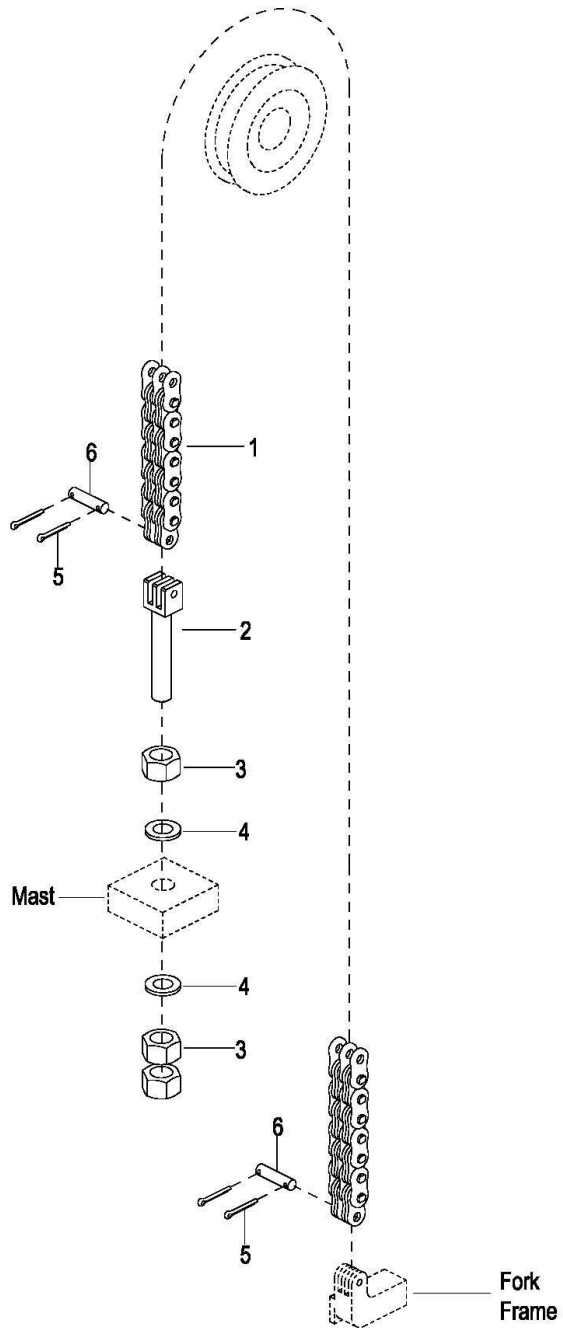
0609 Duplex Mast (Straddle) Fork Frame

两级门架（宽腿）货叉架

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用时间	备注
1	0000-000284-00	Bolt M12×30	4		
2	0000-000060-00	Lockwasher ø12	4		
3	0000-000373-00	Flatwasher ø12	4		
4	2125-632000-00	Blocking Shelf	1		
5	2111-631000-10	Fork Frame	1		
6	01 2108-632000-60	Roller Assembly	2	-424191220	With (1)
	02 2108-632000-70	Roller Assembly	2	424191221-427100538	With (2)
	03 2108-632000-6A	Roller Assembly	2	427100539-	With (3)
7	0000-000761-00	Screw M12×20	4		
8	01 0000-000777-00	Steel ball 12.0000 G100 b	4	-427100538	
	02 2108-600012-60	Washer	4	427100539-	
9	2108-600007-60	Roller shell	4	-424191220	With (1)
10	0000-000420-00	Bearing 6206	4	-424191220	With (1)
11	0000-000434-00	Retainer Ring ø30	4		
12	0000-000762-00	Elastic Collar Φ62	4	-424191220	With (1)
13	2125-630001-10	Shaft	2		
14	2125-630001-00-01	Fork	2		L=1070mm
14	2125-630001-00-06	Fork	2		L=1150mm
14	2125-630001-00-02	Fork	2		L=1200mm
15	2108-650000-60	Roller	4	424191221-	With (2)
16	0000-001525-00	Screw M12×10	4	424191221-	

0610 Duplex Mast Chain Assembly

两级门架链条总成



**0610 Duplex Mast Chain Assembly**

两级门架链条总成

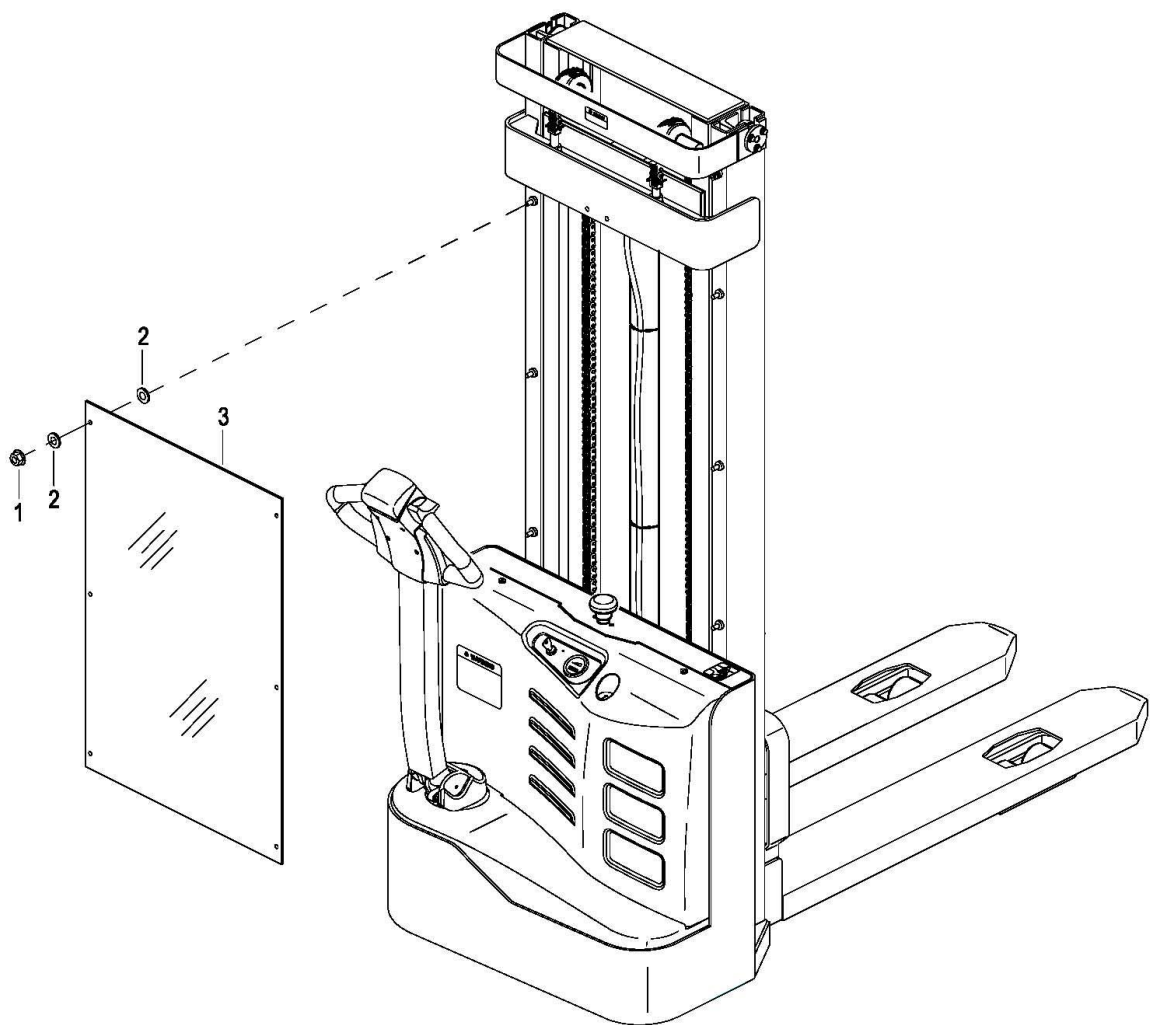
Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
0	2111-640000-7A-01	Chain Assembly	链条总成	1		H=2500mm
0	2111-640000-7A-02	Chain Assembly	链条总成	1		H=2700mm
0	2111-640000-7A-03	Chain Assembly	链条总成	1		H=3000mm
0	2111-640000-7A-04	Chain Assembly	链条总成	1		H=3300mm
0	2111-640000-7A-05	Chain Assembly	链条总成	1		H=3600mm
0	2111-640000-7A-07	Chain Assembly	链条总成	1		H=3800mm
1	See Form 6.4	Chain LH1644	链条 LH1644 见表6.4	2		Parts being phased out
2	2108-640002-60	Bolt	链条螺栓	2		Parts being phased out
3	0000-000237-00	Nut M16×1.5	螺母	6		
4	0000-000220-00	Washer ø16	垫片	4		
5	0000-000188-00	Pin ø3.2×20	开口销	8		
6	0000-000779-00	Pin ø6×30	销	4		Parts being phased out

**Form 6.4**

Mast 门架类型	Lifting Height(h <sub>3</sub> ) 起升高度 (mm) / (in)		Standard Of Chain 链条规格	Part No. Of Chain 链条编号
	mm	in		
Duplex Mast 两级门架	2700	106	66	2108-640001-60-01
	3000	118	72	2108-640001-60-02
	3300	130	78	2108-640001-60-03
	2500	98	62	2108-640001-60-04
	3600	142	84	2108-640001-60-05
	3800	150	88	2108-640001-60-06
	2300	90	58	2108-640001-60-07
	2900	114	70	2108-640001-60-08

0611 Windshield Assembly

安全挡板总成

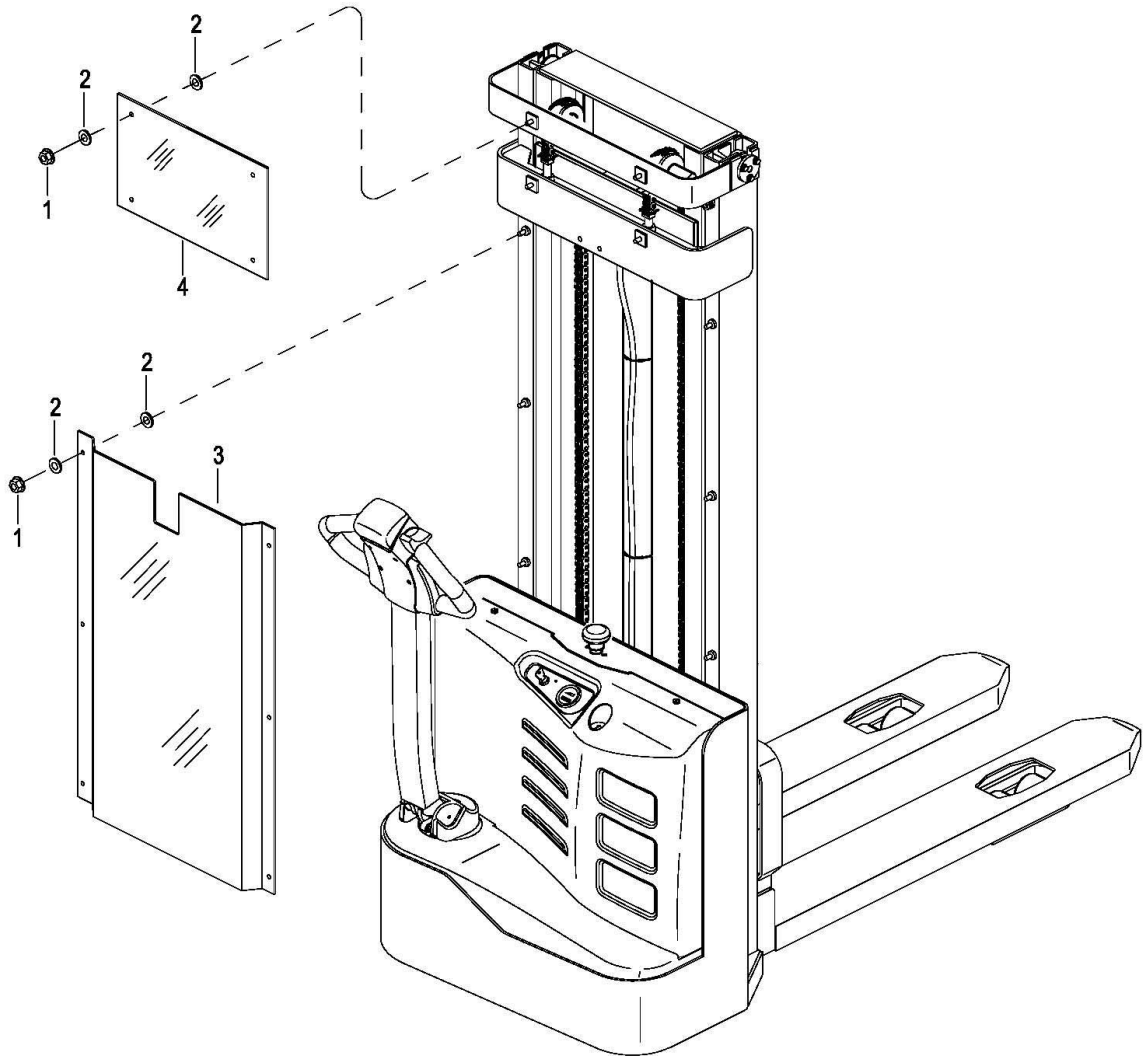


0611 Windshield Assembly

安全挡板总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用时间	备注
1 01	1220-150007-00	Screw M8x25	螺钉	6	-S2316069	
02	0000-001176-00	Nut M8	螺母	6	S2316070-	
2	2214-150002-00	Washer	垫片	12		
3	2111-110004-00-01	Windshield	安全挡板	1	-426203380	H =1200mm,superseded by 2111-110004-0A-01
3	2111-110004-00-02	Windshield	安全挡板	1	-426203380	H =1400mm,superseded by 2111-110004-0A-02
3	2111-110004-00-03	Windshield	安全挡板	1	-426203380	H =1600mm,superseded by 2111-110004-0A-16
3	2111-110004-00-04	Windshield	安全挡板	1	-426203380	H =1700mm,superseded by 2111-110004-0A-17
3	2111-110004-00-05	Windshield	安全挡板	1	-426203380	H =2300mm,superseded by 2111-110004-0A-05
3	2111-110004-00-06	Windshield	安全挡板	1	-426203380	H =2500mm,superseded by 2111-110004-0A-06
3	2111-110004-00-07	Windshield	安全挡板	1	-426203380	H =2700mm,superseded by 2111-110004-0A-07
3	2111-110004-00-08	Windshield	安全挡板	1	-426203380	H =2900mm,superseded by 2111-110004-0A-29
3	2111-110004-00-09	Windshield	安全挡板	1	-426203380	H =3000mm,superseded by 2111-110004-0A-08
3	2111-110004-00-10	Windshield	安全挡板	1	-426203380	H =3300mm,superseded by 2111-110004-0A-09
3	2111-110004-00-11	Windshield	安全挡板	1	-426203380	H =3600mm,superseded by 2111-110004-0A-10
3	2111-110004-00-12	Windshield	安全挡板	1	-426203380	H =3800mm,superseded by 2111-110004-0A-11

061101 Windshield Assembly  
安全挡板总成



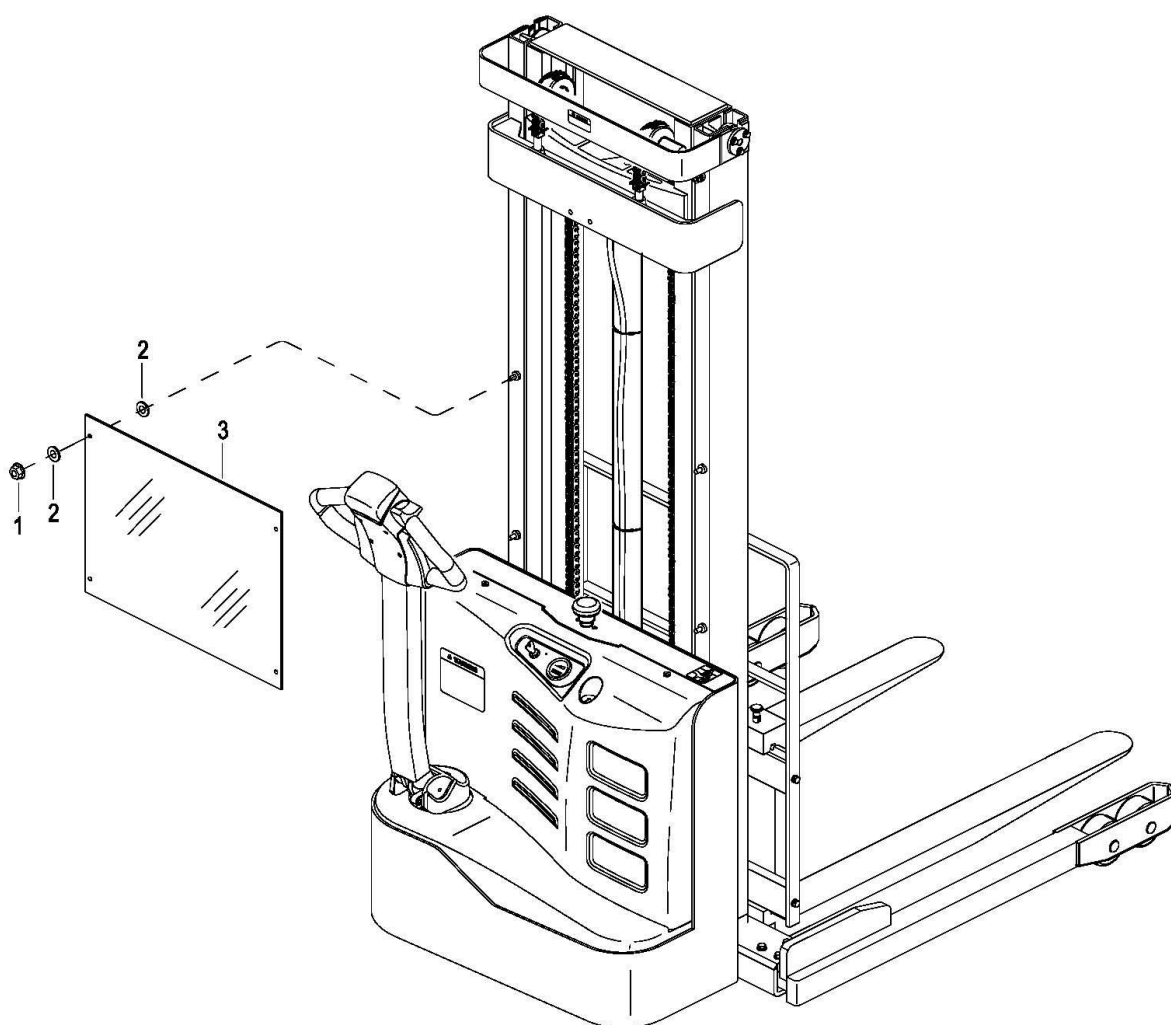
061101 Windshield Assembly

安全挡板总成

Index 序号	Part No. 零件编号	Part Name 零件名称		No. 数量	Applied Date 适用时间	Remark 备注
1	0000-001176-00	Nut M8	螺母	10		
2	2214-150002-00	Washer	垫片	20		
3	2111-110004-0A-01	Windshield	安全挡板	1	426203381-	Lifting Height =1200mm, EP20180901-01
3	2111-110004-0A-02	Windshield	安全挡板	1	426203381-	Lifting Height =1400mm, EP20180901-01
3	2111-110004-0A-16	Windshield	安全挡板	1	426203381-	Lifting Height =1600mm, EP20180901-01
3	2111-110004-0A-17	Windshield	安全挡板	1	426203381-	Lifting Height =1700mm, EP20180901-01
3	2111-110004-0A-05	Windshield	安全挡板	1	426203381-	Lifting Height =2300mm, EP20180901-01
3	2111-110004-0A-06	Windshield	安全挡板	1	426203381-	Lifting Height =2500mm, EP20180901-01
3	2111-110004-0A-07	Windshield	安全挡板	1	426203381-	Lifting Height =2700mm, EP20180901-01
3	2111-110004-0A-29	Windshield	安全挡板	1	426203381-	Lifting Height =2900mm, EP20180901-01
3	2111-110004-0A-08	Windshield	安全挡板	1	426203381-	Lifting Height =3000mm, EP20180901-01
3	2111-110004-0A-09	Windshield	安全挡板	1	426203381-	Lifting Height =3300mm, EP20180901-01
3	2111-110004-0A-10	Windshield	安全挡板	1	426203381-	Lifting Height =3600mm, EP20180901-01
3	2111-110004-0A-11	Windshield	安全挡板	1	426203381-	Lifting Height =3800mm, EP20180901-01
4	2111-110005-00	Windshield	安全挡板	1	427164625-	EP20180901-02

0612 Duplex Mast(Straddle) Windshield Assembly

两级门架（宽腿）安全挡板总成





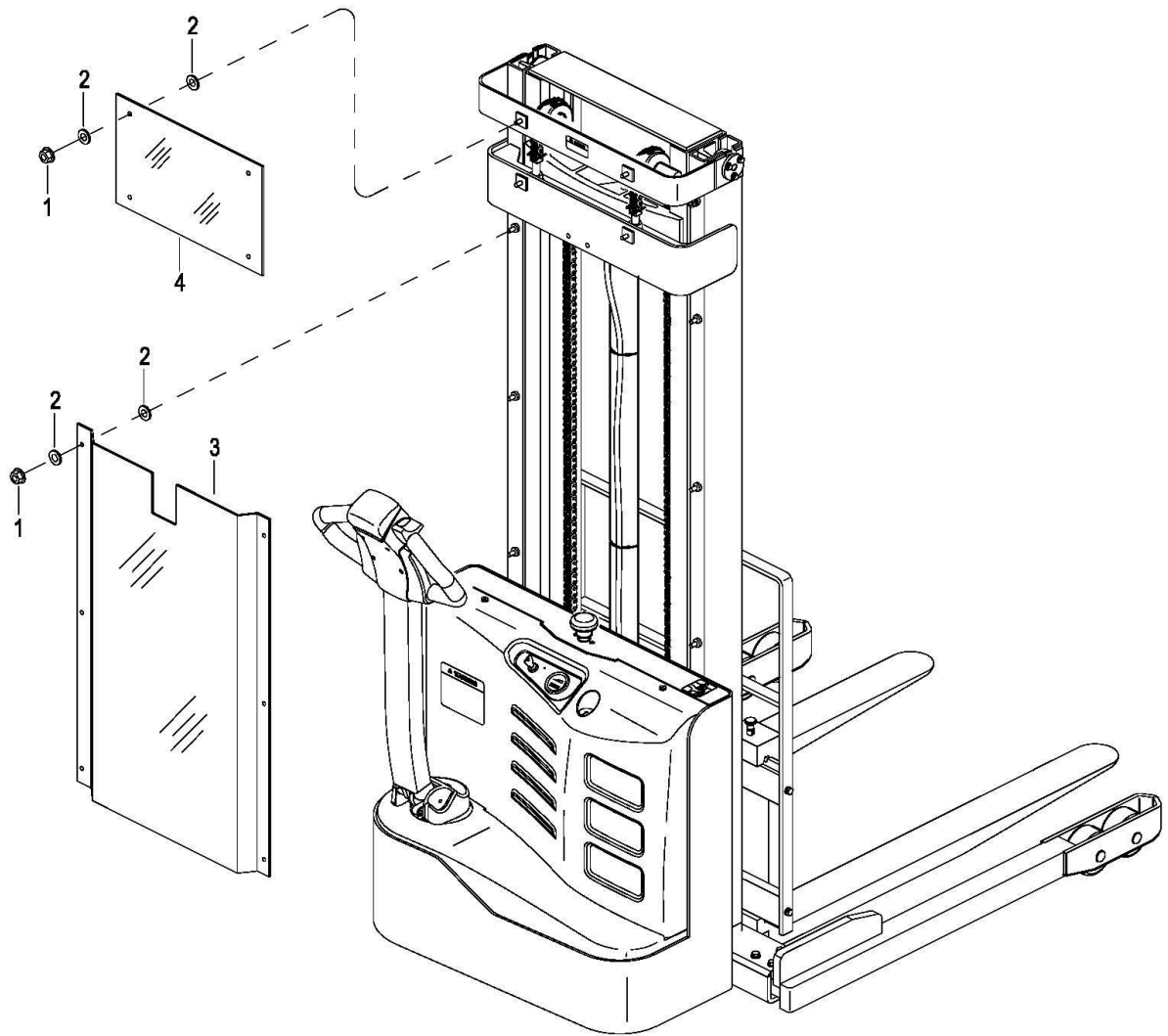
0612 Duplex Mast(Straddle) Windshield Assembly

两级门架（宽腿）安全挡板总成

Index	Part No.	Part Name	No.	Applied Date	Remark
序号	零件编号	零件名称	数量	适用日期	备注
1	01	1220-150007-00 Screw M8x25	4	-S2316069	
	02	0000-001176-00 Nut M8	4	S2316070-	
2		2214-150002-00 Washer	8		
3	01	2108-610004-60 Windshield	1		Cancelled
	02	2108-110004-60 Windshield	1	060512-426203380	

061201 Duplex Mast(Straddle) Windshield Assembly

两级门架（宽腿）安全挡板总成



061201 Duplex Mast(Straddle) Windshield Assembly

两级门架（宽腿）安全挡板总成

Index	Part No.	Part Name		No.	Applied Date	Remark
序号	零件编号	零件名称		数量	适用日期	备注
1	0000-001176-00	Nut M8	螺母	10		
2	2214-150002-00	Washer	垫片	20		
3	2111-110004-0A-06	Windshield	安全挡板	1	426203381-	Lifting Height =2500mm, EP20180901-01
3	2111-110004-0A-07	Windshield	安全挡板	1	426203381-	Lifting Height =2700mm, EP20180901-01
3	2111-110004-0A-08	Windshield	安全挡板	1	426203381-	Lifting Height =3000mm, EP20180901-01
3	2111-110004-0A-09	Windshield	安全挡板	1	426203381-	Lifting Height =3300mm, EP20180901-01
3	2111-110004-0A-10	Windshield	安全挡板	1	426203381-	Lifting Height =3600mm, EP20180901-01
4	2111-110005-00	Windshield	安全挡板	1	427164625-	EP20180901-02