



SHANDONG RIPPA MACHINERY GROUP CO., LTD.

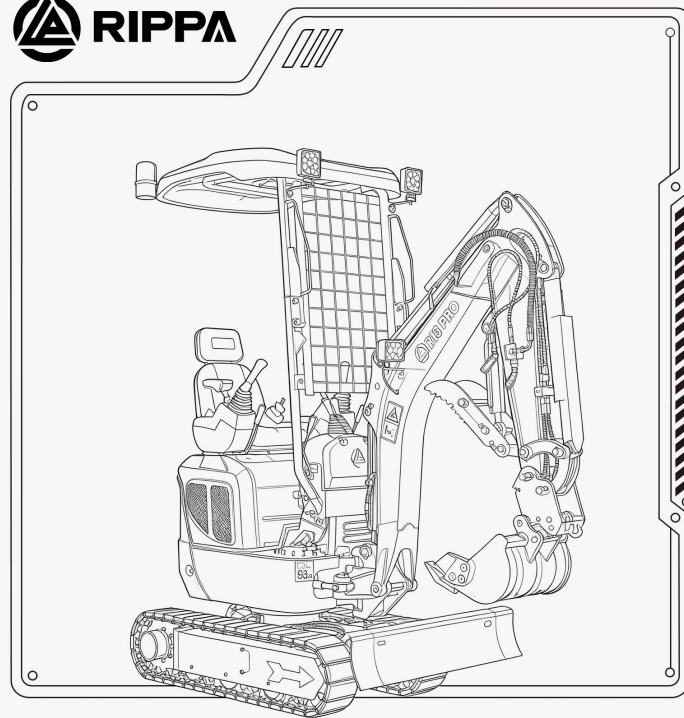
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## PARTS MANUAL

### R13 PRO Hydraulic excavator

This manual only shows parts. Please refer to the manual of this model for detailed operation steps.



### **注意事项**

使用本零件表时，请注意以下事项。

1. 订购零件时，请使用本零件表检查确认零件的数量和零件的名称。
2. 需要修理时，请参照本零件表中的插图。
3. 本零件表适用于R13-4 Pro车型。
4. 本零件表如有变更，恕不另行通知。

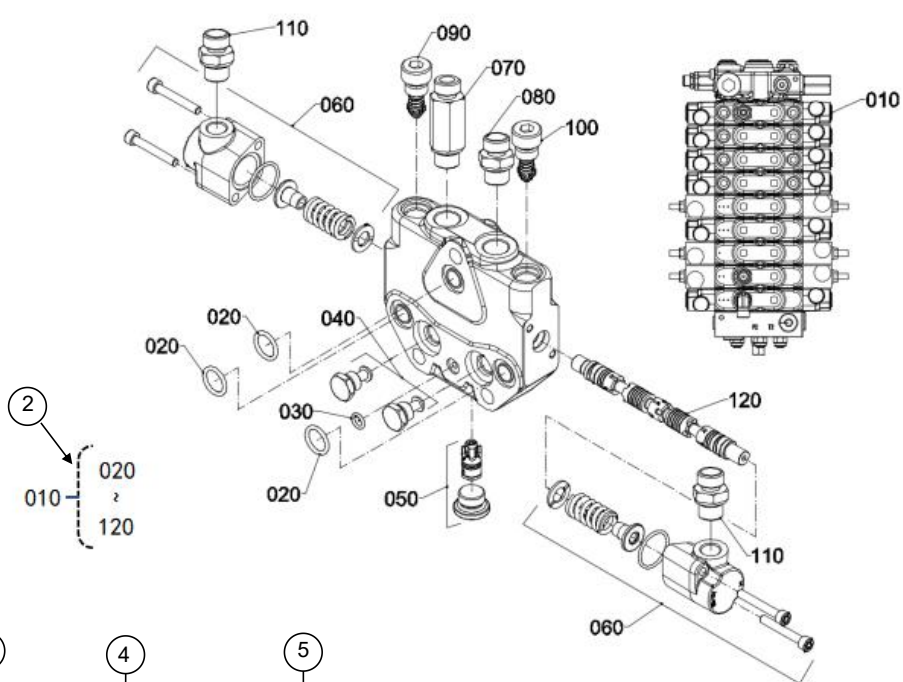
### **NOTICE**

This Parts List is for the following purposes.

1. When ordering parts, check with this Parts List to confirm the part number and the name of parts.
2. When making repairs, refer to the illustrations in this Parts List.
3. This Psryd List is applicable to the R13-4 Pro model.
4. This Parts List is subject to change without notice

使用说明  
INSTRUCTION

①  
**K002** 阀体部件(动臂)  
SPOOL SECTION (BOOM)



| ③<br>序号<br>REF. No. | ④<br>存货编码<br>INV. No. | ⑤<br>零件号<br>PART No. | 零件名称    | PART NAME          | 数量<br>Q'TY/S.N<br>o. | ⑥<br>互<br>换<br>性<br>I. C. | ⑦<br>备注<br>REMARKS |
|---------------------|-----------------------|----------------------|---------|--------------------|----------------------|---------------------------|--------------------|
| 010                 | LP1001030020-002      |                      | 动臂联阀体部件 | ASSY VALVE, BOOM   | 1                    |                           |                    |
| 020                 | LP1001030020-014      |                      | 密封      | SEAL               | 3                    |                           |                    |
| 030                 | LP1001030020-015      |                      | 密封      | SEAL               | 1                    |                           |                    |
| 040                 | LP1001030020-016      |                      | 单向阀部件   | CHECK VALVE        | 2                    |                           |                    |
| 050                 | LP1001030020-017      |                      | 补偿阀部件   | COMPENSATING VALVE | 1                    |                           |                    |
| 060                 | LP1001030020-018      |                      | 端盖部件    | END COVER          | 2                    |                           |                    |

- ① 图号-----代表与每一组名称相对应的数字。
- ② 组件-----供一个装配用的组件可以通过一组虚线识别。
- ③ 序号 (REF. No. ) -----参考数字是指在图解说明中特定的零部件由特定的数字代表。在图解中一个零部件的代号可以通过参考零部件目录上的同的参考数字而识别出来。
- ④ 存货编码-----每个零部件独一无二的识别代码，用于代表该部件。
- ⑤ 零件号-----零部件的规格型号或者该零部件的零件号。
- ⑥ 互换性-----表示由于设计上的变化部件的可互换型。
- 例  $\neq$  -----表示新老零部件之间不可以替换。
- 例  $\leftarrow$  -----表示一个新部件可以替换一个老部件，相反则不行。
- 例  $\rightarrow$  -----表示一个老部件可以替换一个新部件，相反则不行。
- ⑦ 备注-----补充信息，如油管方向等。
- 例 Z-Z · 14H-0-----表示油管接头两头都是直头，油管规格是14H，无特别说明。
- 例 Z-W90 · 14H-0-----表示油管接头一直一弯，油管规格是14H，无特别说明。
- 例 W90-W90 · 14H-Y-----表示油管接头两头都是90° 弯头，油管规格是14H，弯头方向是一上一右。
- 例 W90-W90 · 22H-F-----表示油管接头两头都是90° 弯头，油管规格是22H，F表示两个弯头方向相反，T表示两个弯头方向相同。

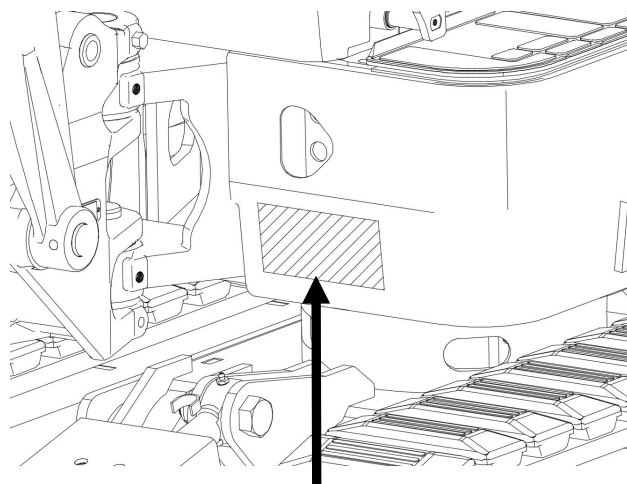


- ① Fig.No.-----Represents No. corresponding to each group name.
- ② Components-----The components of an assembly are identified by a bracket of dotted lines.
- ③ REF. No. -----Reference numbers assigned to parts in the illustration.The code number of a part in the illustration can be identified by referring to the same reference number in the parts list.
- ④ Inventory Code -----A unique identification code assigned to each part/component, used to represent that specific part component.
- ⑤ Part Number -----The specification/model of a component or the part number of that component.
- ⑥ I. C. -----Indicates the interchangeability of parts due to design change.  
 Example  $\neq$  -----Indicates that the new and old components cannot be replaced with each other.  
 Example  $\leftarrow$  -----Indicates that a new component can replace an old component, but not vice versa.  
 Example  $\rightarrow$  -----Indicates that an old component can replace a new component, but not vice versa.
- ⑦ Remarks -----Supplementary information, such as the direction of oil pipes,etc.  
 Example Z-Z·14H-0 -----Indicates that both ends of the hydraulic pipe fitting are straight ends, the hydraulic pipe specification is 14H, and there is no special instruction.  
 Example Z-W90·14H-0 -----Indicates that the hydraulic pipe fitting has one straight end and one 90° elbow end, the hydraulic pipe specification is 14H, and there is no special instruction.  
 Example W90-W90·14H-Y ----Indicates that both ends of the hydraulic pipe fitting are 90° elbow ends, the hydraulic pipe specification is 14H, and the directions of the elbows are one upward and one to the right.  
 Example W90-W90·22H-F ----Indicates that both ends of the hydraulic pipe fitting are 90° elbow ends, the hydraulic pipe specification is 22H; "F" means the two elbows are in opposite directions, and "T" means the two elbows are in the same direction.

# 序 列 号

如下所示，本产品的型号名称、机器号和发动机号在其相应的位置都有说明。请注意规格不同，它们的位置也不同。请检查产品的规格。

|                   | 型号    | 序列号   |
|-------------------|-------|-------|
| 挖掘机               | _____ | _____ |
| 发动机               | _____ | _____ |
| 购买日期              | _____ |       |
| 经销商名称<br>(由购买者填写) | _____ |       |



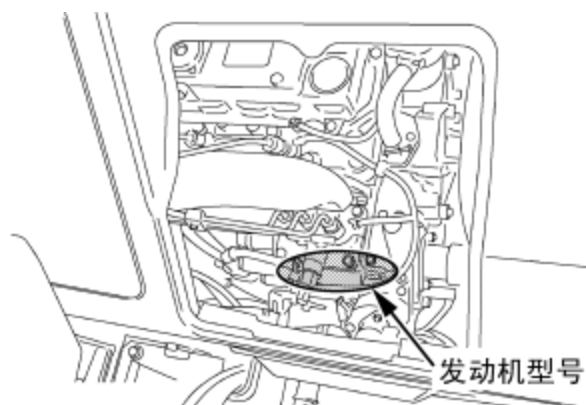
SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

|                  |                     |                    |        |
|------------------|---------------------|--------------------|--------|
| Product Name     | Hydraulic Excavator | Model              | R13    |
| Engine power(kw) | 10.2                | Operating Mass(kg) | 1218   |
| Serial Number    | >LPR25060809<       | Year               | 2025/6 |

The north of Guang'an Road and east of Gaoxin Avenue (Liaohe Road),  
High tech Zone, Jining City, Shandong, P.R. China.

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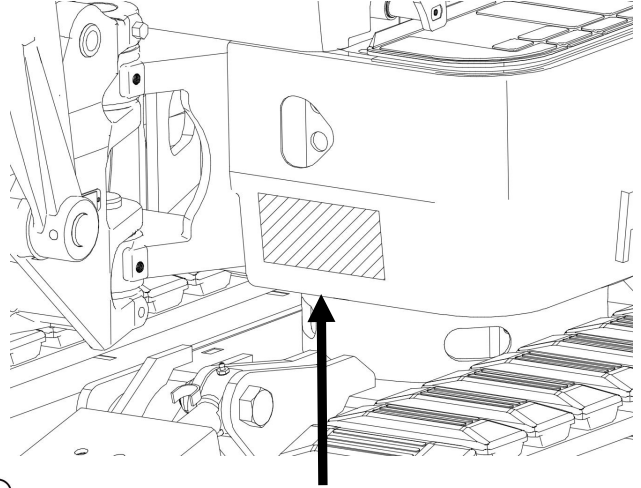
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# SERIAL NUMBER

The model name, machine number and engine number of this product are described in their respective positions, as shown below. Note that their positions may be different depending on the specifications. Check the specifications of the product.

|                                | Model | Serial No. |
|--------------------------------|-------|------------|
| Excavator                      | _____ | _____      |
| Engine                         | _____ | _____      |
| Date of Purchase               | _____ | _____      |
| Name of Dealer                 | _____ | _____      |
| (To be filled in by purchaser) |       |            |

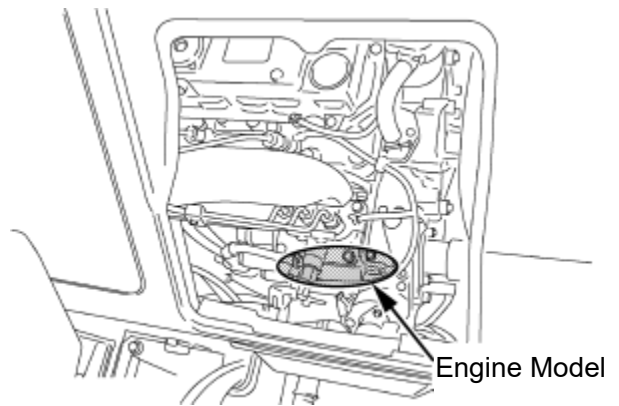


SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

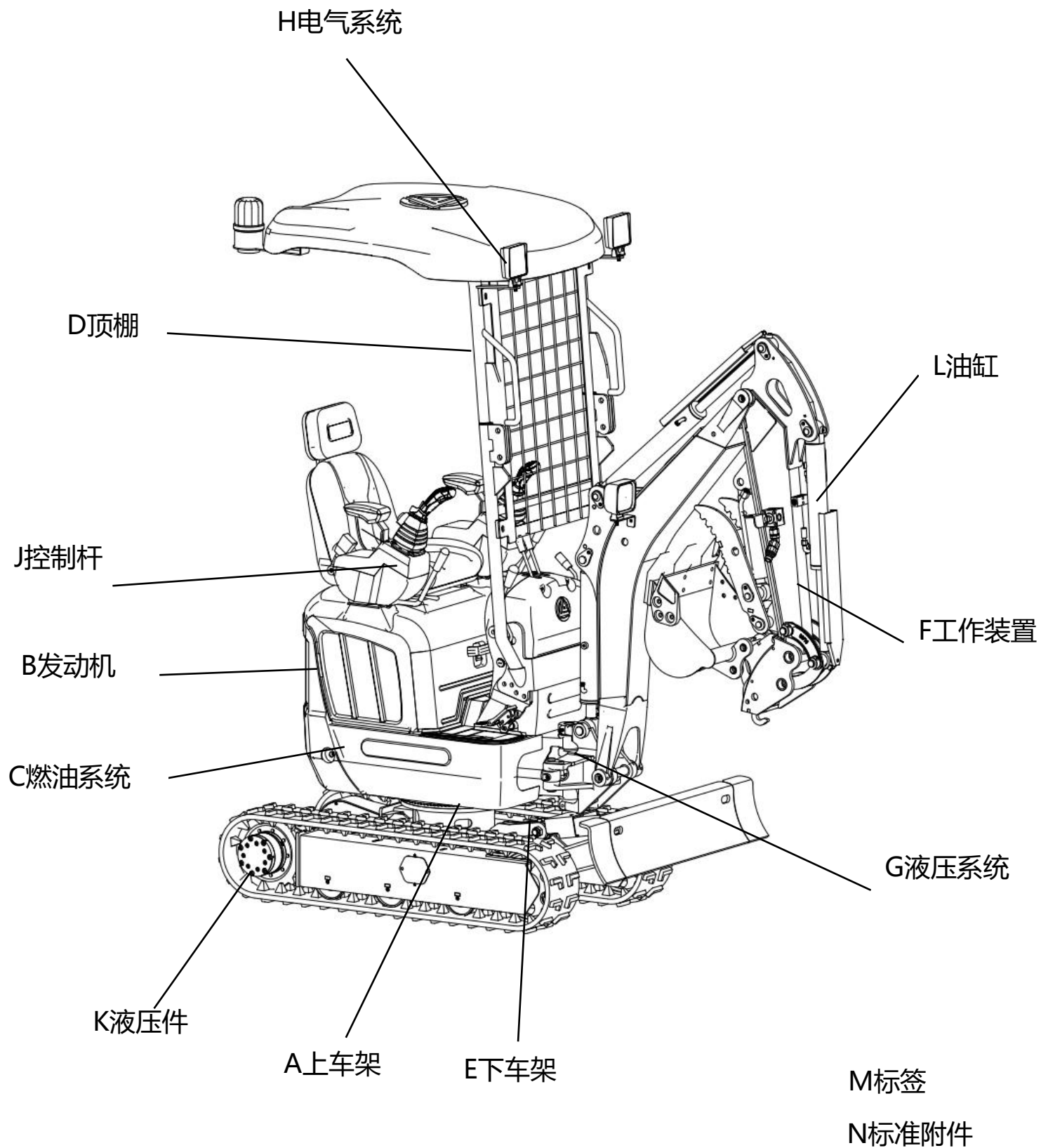
|                  |                     |                    |        |
|------------------|---------------------|--------------------|--------|
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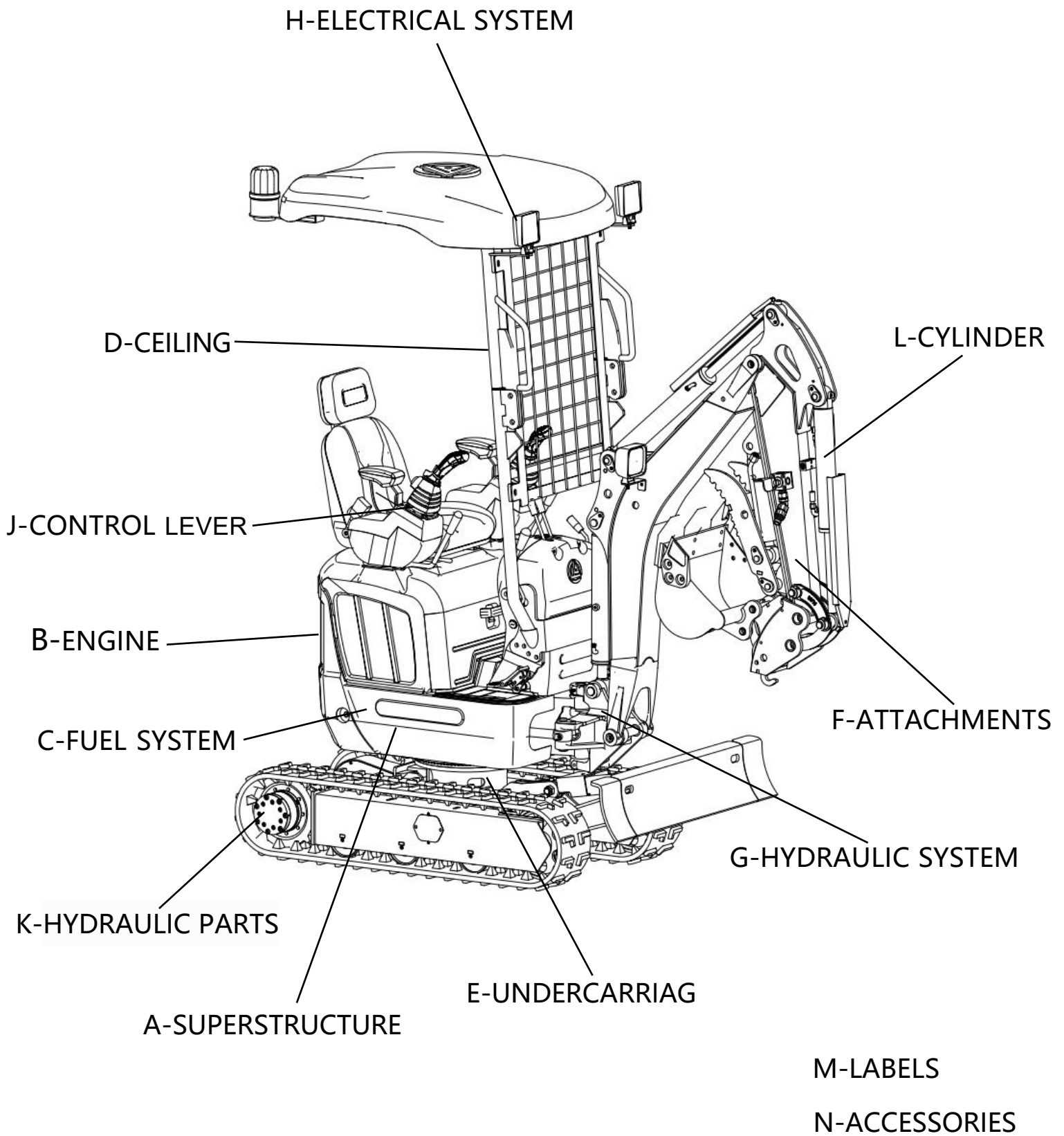
## 目录部分



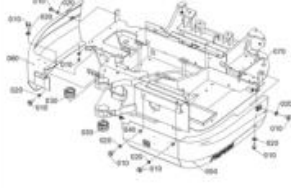
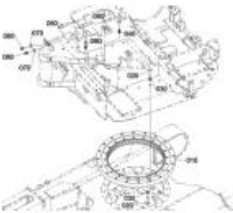
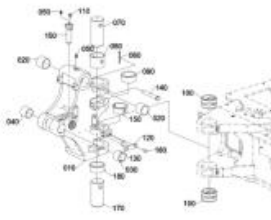
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## SECTION CONTENTS

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## [如何阅读带图解内容]

|                                                                                                                     |                                                                                                            |                                                                                                           |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>A上车架</b> ← <b>步骤1</b><br><b>SUPERSTRUCTURE</b>                                                                   |                                                                                                            |                                                                                                           |                                                                                                              |
| <b>Fig. No. A001</b> ← <b>步骤2</b>                                                                                   | <b>A002</b>                                                                                                | <b>Fig. No. A003</b> ← <b>步骤3</b>                                                                         |                                                                                                              |
| <b>下围护罩</b>                                                                                                         | <b>动臂支架</b>                                                                                                | <b>动臂支架</b>                                                                                               | <b>座椅支架</b>                                                                                                  |
| <b>CABIN (PARTITION PLATE)</b><br> | <b>SWIVEL BEARING</b><br> | <b>BOOM BRACKET</b><br> | <b>SESEAT SUPPORT</b><br> |

步骤 1: 该处指目录中列出的项目。

步骤 2: 这些为正文中给出的图号。(图号...0003)

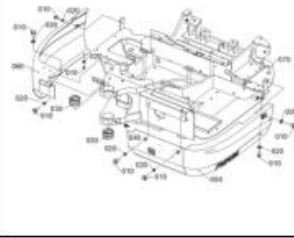
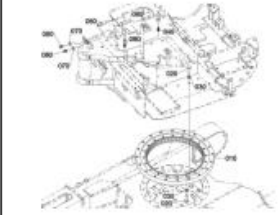
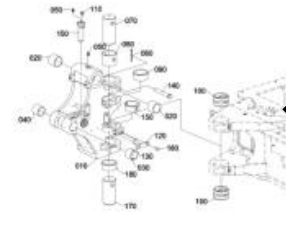
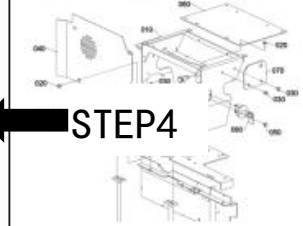
步骤 3: 为文本中的名称。

步骤 4: 指文本中组件的图解。

如何检索:

在目录部分选择您要查找的项目。在步骤 1 中找到相同的项目。在步骤 4 中找到要查找的件。  
在步骤 2 和步骤 3 中, 参阅组件的页码并检索相应的部件号。

## [How to Read Content with Illustrations]

|                                                                                   |                                                                                   |                                                                                    |                                                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>A上车架</b> ← <b>STEP1</b><br><b>SUPERSTRUCTURE</b>                               |                                                                                   |                                                                                    |                                                                                                    |
| Fig. No. <b>A001</b> ← <b>STEP2</b>                                               | <b>A002</b>                                                                       | Fig. No. <b>A003</b>                                                               | ← <b>STEP3</b>                                                                                     |
| 下围护罩                                                                              | 动臂叉架                                                                              | 动臂支架                                                                               | 座椅支...                                                                                             |
| CABIN (PARTITION PLATE)                                                           | SWIVEL BEARING                                                                    | BOOM BRACKET                                                                       | SESEAT SUPPORT                                                                                     |
|  |  |  |  ← <b>STEP4</b> |

Step 1: This refers to the items listed in the table of contents.

Step 2: These are the figure numbers given in the main text.  
(Figure No....0003)

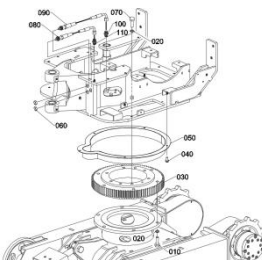
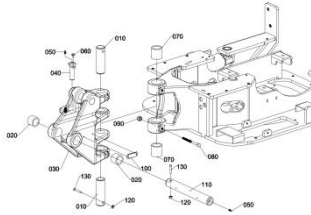
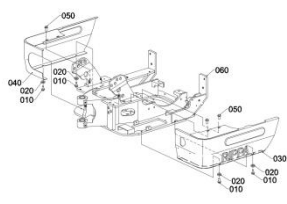
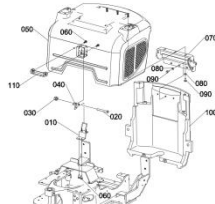
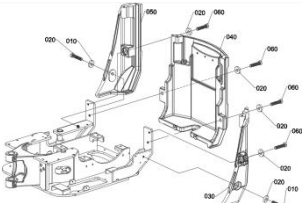
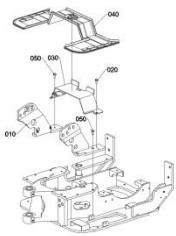
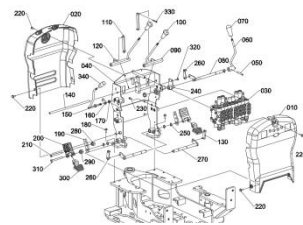
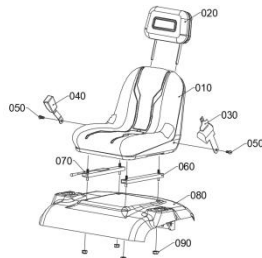
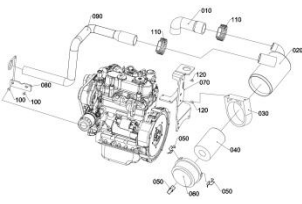
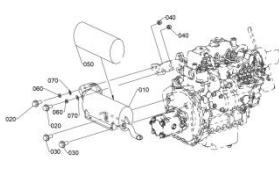
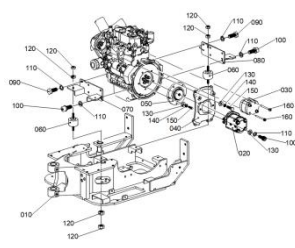
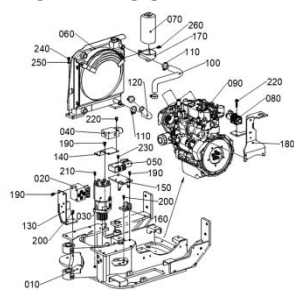
Step 3: These are the names in the text.

Step 4: This refers to the diagrams of the components in the text.

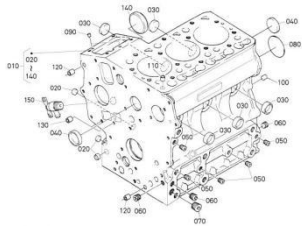
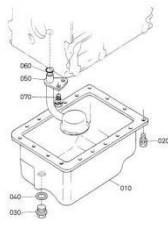
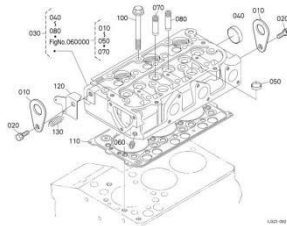
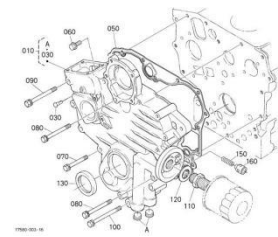
How to search: Select the item you want to find in the table of contents. Locate the same item in Step 1. Find the part you are looking for in Step 4. In Steps 2 and 3, refer to the page number of the assembly and retrieve the corresponding part number.



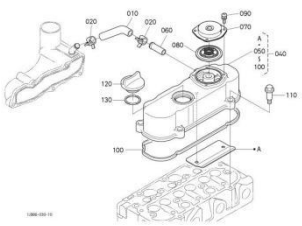
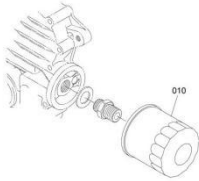
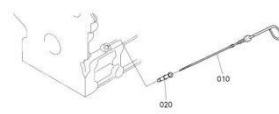
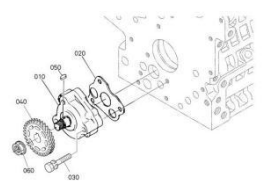
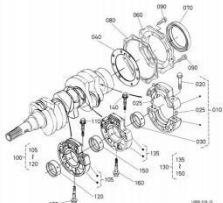
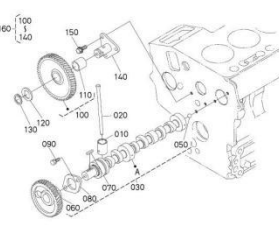
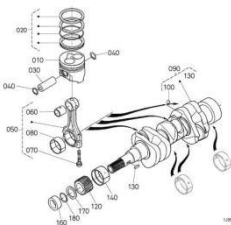
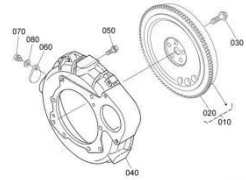
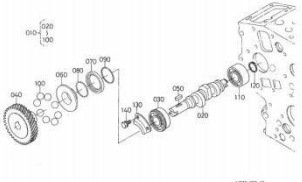
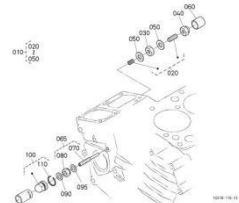
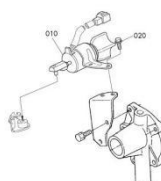
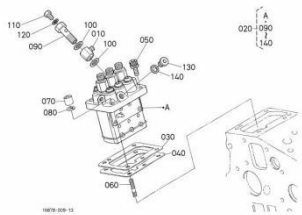
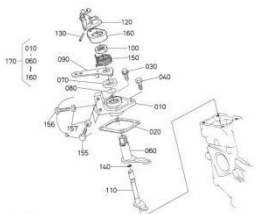
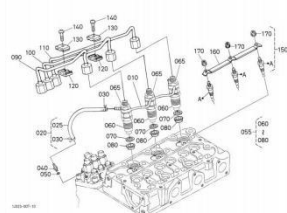
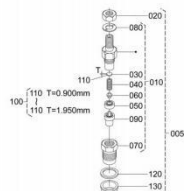
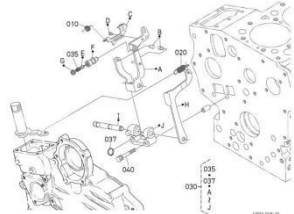
## A上车架 SUPERSTRUCTURE

|                                                                                                                                           |                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Fig.No. <b>A001</b><br/>回转支撑<br/>SWIVEL BEARING</p>   | <p>Fig.No. <b>A002</b><br/>动臂支架<br/>B00M BRACKET</p>      | <p>Fig.No. <b>A003</b><br/>下围护罩<br/>LOWER PERIMETER COVER</p>                                            | <p>Fig.No. <b>A004</b><br/>座椅护罩<br/>BOLT SHIELD</p>   |
| <p>Fig.No. <b>A005</b><br/>配重<br/>COUNTERWEIGHT</p>     | <p>Fig.No. <b>A006</b><br/>脚踏板<br/>FOOT PEDAL</p>        | <p>Fig.No. <b>A007</b><br/>多路阀支架, 多路阀护罩<br/>MULTI-WAY VALVE<br/>BRECKET, MULTI-WAY<br/>VALVE COVER</p>  | <p>Fig.No. <b>A008</b><br/>座椅<br/>SEAT</p>           |
| <p>Fig.No. <b>A009</b><br/>进气系统<br/>INTIKE SYSTEM</p>  | <p>Fig.No. <b>A010</b><br/>排气系统<br/>EXHAUST SYSTEM</p>  | <p>Fig.No. <b>A011</b><br/>发动机支座<br/>ENGINE MOUN</p>                                                   | <p>Fig.No. <b>A012</b><br/>液压件<br/>ENGINE MOUN</p>  |

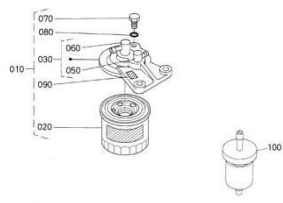
## B发动机 ENGINE

|                                                                                                                                      |                                                                                                                                   |                                                                                                                                           |                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <p>Fig.No. <b>B001</b><br/>曲轴箱<br/>CRANKCASE</p>  | <p>Fig.No. <b>B002</b><br/>油盘<br/>OIL PAN</p>  | <p>Fig.No. <b>B003</b><br/>油缸头<br/>CYLINDER HEAD</p>  | <p>Fig.No. <b>B004</b><br/>齿轮箱<br/>GEARBOX</p>  |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                       |                                                                                                                                                                         |                                                                                                                                                                 |                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Fig.No. <b>B005</b></p> <p>顶盖<br/>TOP COVER</p>                                   | <p>Fig.No. <b>B006</b></p> <p>机油滤清器<br/>OIL FILTER</p>                                 | <p>Fig.No. <b>B007</b></p> <p>油量计<br/>OIL LEVEL GAUGE</p>                     | <p>Fig.No. <b>B008</b></p> <p>油泵<br/>OIL PUMP</p>                      |
| <p>Fig.No. <b>B009</b></p> <p>主轴承箱<br/>MAIN BEARING HOUSING</p>                     | <p>Fig.No. <b>B010</b></p> <p>凸轮轴和中间齿轮轴<br/>CAMSHAFT AND INTERMEDIATE GEAR SHAFT</p>  | <p>Fig.No. <b>B011</b></p> <p>活塞/曲柄轴<br/>PISTON/CRANKSHAFT</p>               | <p>Fig.No. <b>B012</b></p> <p>飞轮<br/>FLYWHEEL</p>                     |
| <p>Fig.No. <b>B013</b></p> <p>燃油凸轮轴和调速器轴<br/>FUEL CAMSHAFT AND GOVERNOR SHAFT</p>  | <p>Fig.No. <b>B014</b></p> <p>怠速限制装置<br/>IDLE LIMIT VALVE</p>                        | <p>Fig.No. <b>B015</b></p> <p>熄火电磁阀<br/>FLAMEOUT SOLENOID VALVE</p>         | <p>Fig.No. <b>B016</b></p> <p>喷射泵<br/>INJECTION PUMP</p>             |
| <p>Fig.No. <b>B017</b></p> <p>调速板<br/>SPEED GOVERNING PLATE</p>                    | <p>Fig.No. <b>B018</b></p> <p>喷嘴座和电热塞<br/>NOZZLE HOLDER GLOW PLUG</p>                | <p>Fig.No. <b>B019</b></p> <p>喷嘴座(分解)<br/>NOZZLE HOLDER (DISASSEMBLED)</p>  | <p>Fig.No. <b>B020</b></p> <p>叉杆(调速器)<br/>FORK LEVER (GOVERNOR)</p>  |

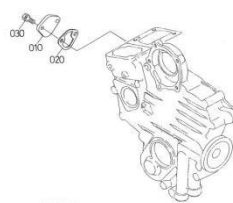
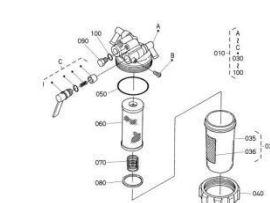
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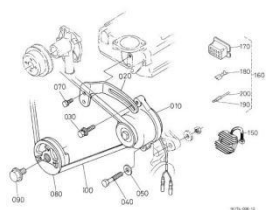
FUEL PUMP  
(ELECTROMAGNETIC TYPE)



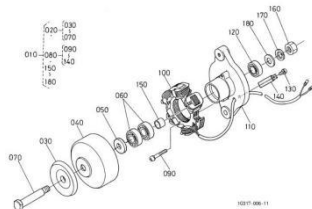
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OIL-WATER  
SEPARATOR[CONSTITUENTP  
ARTS]

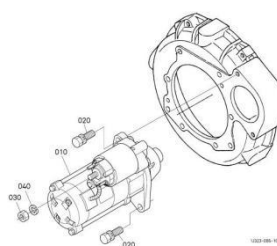
ALTERNATOR/BELT PULLEY



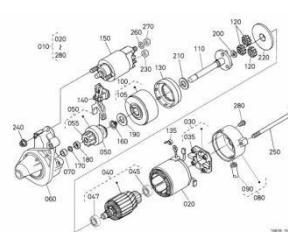
GENERATOR  
(DISASSEMBLED)



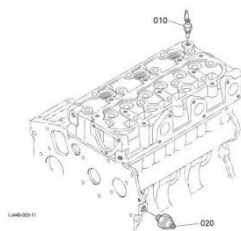
STARTER



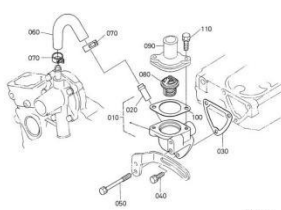
STARTER (COMPONENTS)



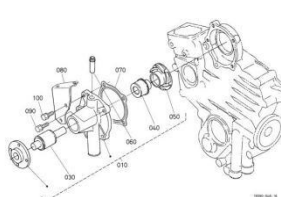
## OIL SWITCH • TEMPERATURE AND PLUG



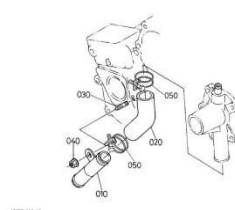
WATER INLET/OUTLET  
FLANGE AND  
THERMOSTAT



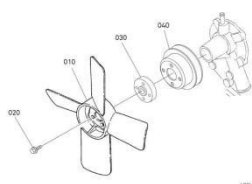
## Water Pump



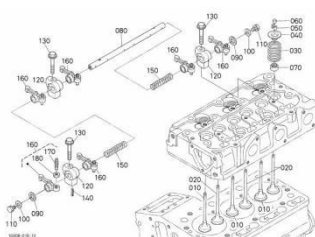
## WATER PIPE



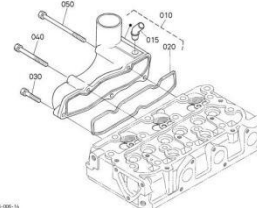
FAN



## VALVE AND ROCKER ARM



## INTAKE MANIFOLD



## EXHAUST MANIFOLD

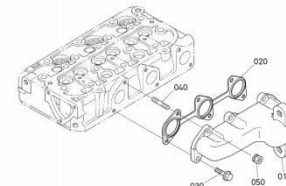
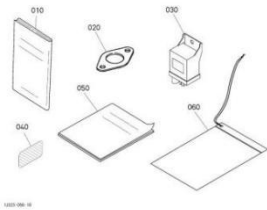


Fig.No. B037  
标签和使用说明书和附件和服务部品

TAGS, OPERATION MANUALS,  
ACCESSORIES AND SERVICE  
PARTS



C燃油系统  
FUEL SYSTEM

Fig.No. C001  
燃油箱  
FUEL TANK

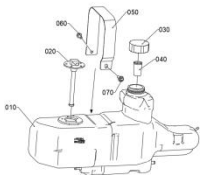
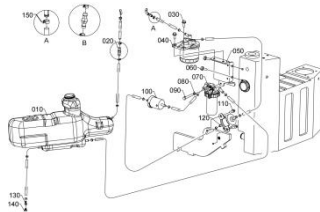
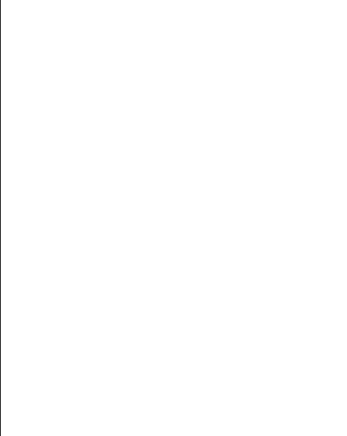
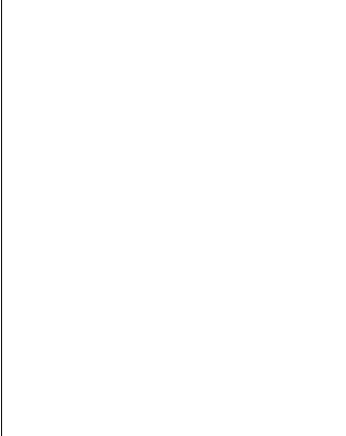
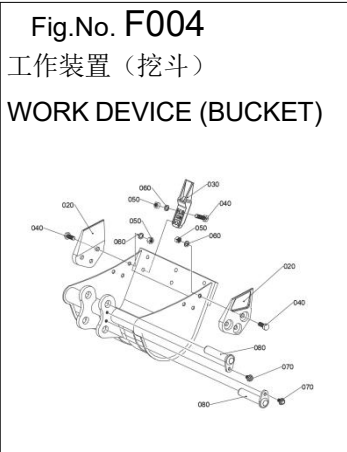
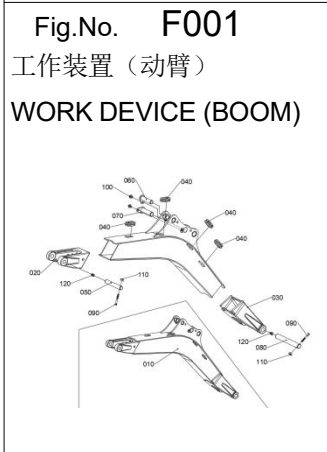


Fig.No. C002  
燃油系统  
FUEL SYSTEM





F工作装置  
ATTACHMENTS



G液压系统  
HYDRAULIC SYSTEM

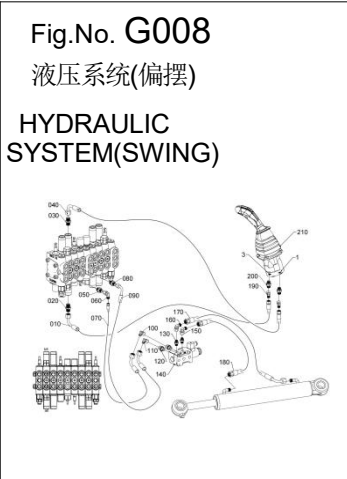
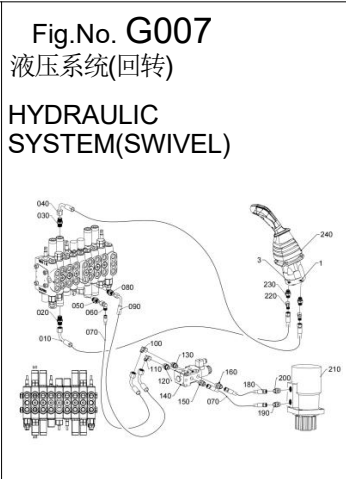
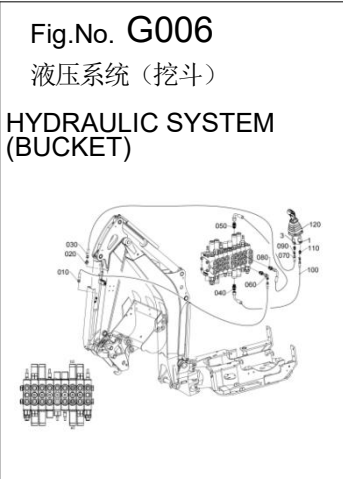
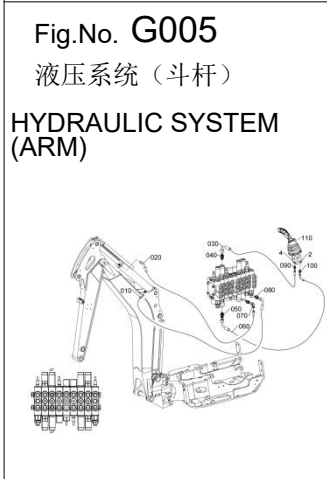
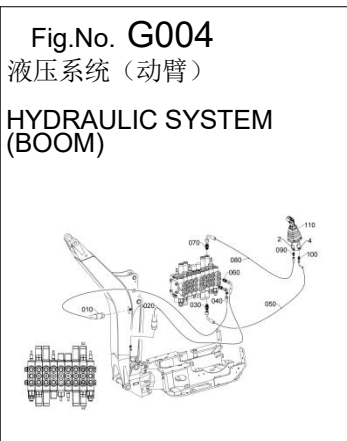


Fig.No. G009  
液压系统(右行走)  
HYDRAULIC  
SYSTEM(TRAVEL RH)

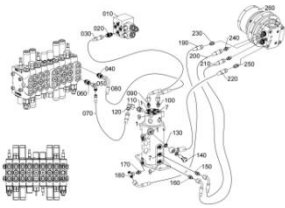


Fig.No. G010  
液压系统(左行走)  
HYDRAULIC  
SYSTEM(TRAVEL LH)

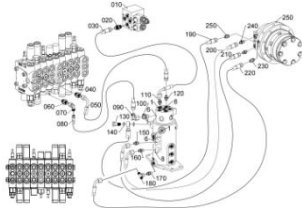


Fig.No. G011  
液压系统(推土)  
HYDRAULIC  
SYSTEM(BULLDOZE)

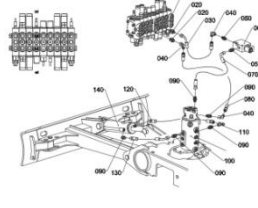


Fig.No. G012  
液压系统(伸缩)  
HYDRAULIC  
SYSTEM(QUICK CHANGE)

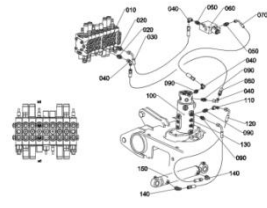


Fig.No. G013  
液压系统(破碎)  
HYDRAULIC SYSTEM(ADD)

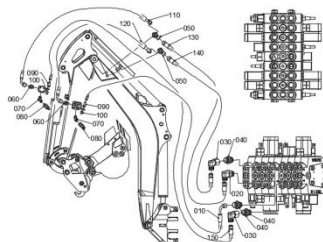
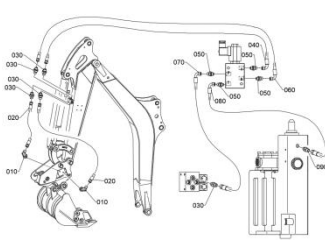


Fig.No. G014  
液压系统(快换)  
HYDRAULIC  
SYSTEM(QUICK CHANGE)



## H电气系统 ELECTRICAL SYSTEM

Fig.No. H001  
电气系统 (电瓶)  
ELECTRICAL SYSTEM  
(BATTERY)

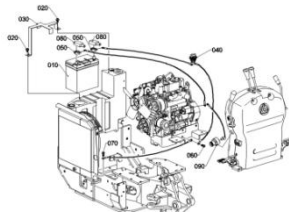


Fig.No. H002  
电气系统 (喇叭和继电器)  
ELECTRICAL SYSTEM  
(HORN AND RELAY)

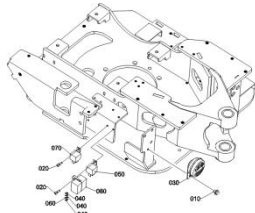


Fig.No. H003  
电气系统 (灯)  
ELECTRICAL SYSTEM  
(LIGHT)

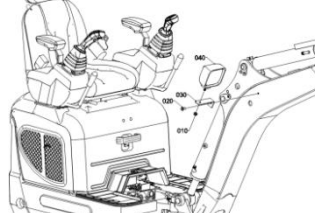


Fig.No. H004  
电气系统 (扶手箱)  
ELECTRICAL SYSTEM  
(ARMREST BOX)

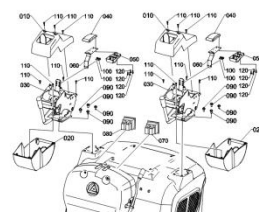
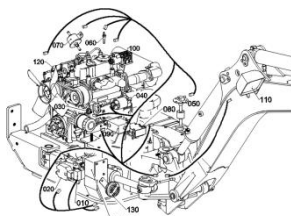
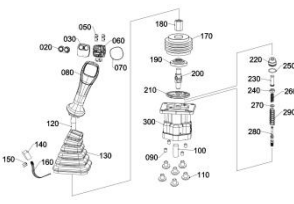
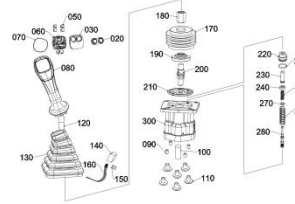


Fig.No. H005  
电气系统 (电气元件)  
ELECTRICAL SYSTEM  
(ELECTRICAL  
COMPONENT)



J操作杆

CONTROL LEVER

|                                                                                                                                                           |                                                                                                                                                            |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Fig.No.J001</p> <p>先导手柄（左手柄）</p> <p>CONTROL LEVER<br/>(LEVER LH)</p>  | <p>Fig.No. J002</p> <p>先导手柄（右手柄）</p> <p>CONTROL LEVER<br/>(LEVER RH)</p>  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

K液压件

HYDRAULIC COMPONENTS

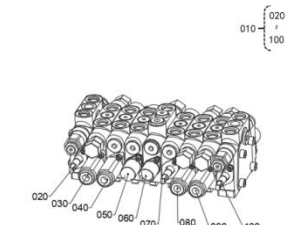
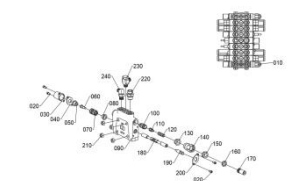
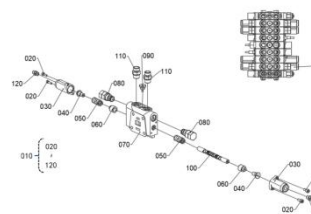
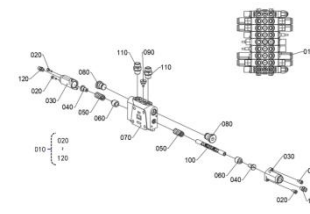
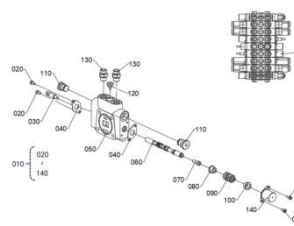
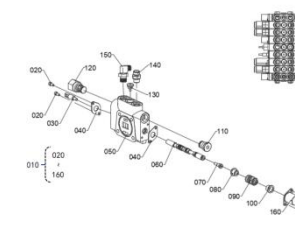
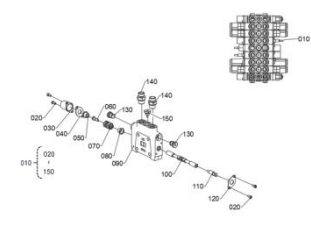
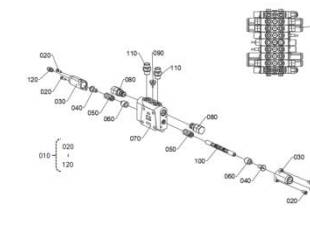
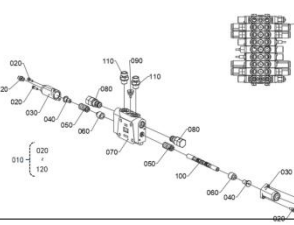
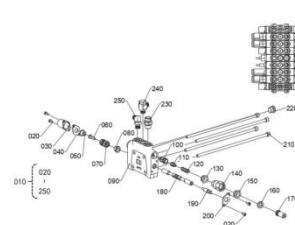
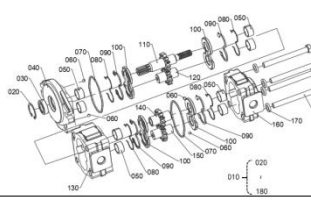
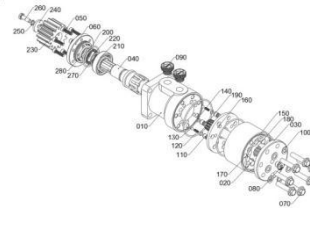
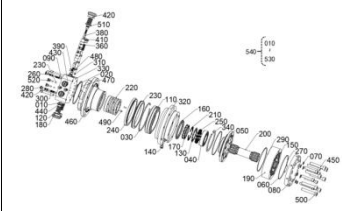
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| <p>Fig.No. K000</p> <p>多路阀</p> <p>SPMULTI-WAY VALVE</p>                        | <p>Fig.No. K001</p> <p>阀体部件(右行走)</p> <p>SPOOL SECTION(DRIVE<br/>RH)</p>               | <p>Fig.No. K002</p> <p>阀体部件(动臂)</p> <p>SPOOL SECTION(BOOM)</p>                             | <p>Fig.No. K003</p> <p>阀体部件(铲斗)</p> <p>SPOOL SECTION(BUCKET)</p>  |
| <p>Fig.No. K004</p> <p>阀体部件(破碎)</p> <p>SPOOL<br/>SECTION(CRUSHING)</p>        | <p>Fig.No. K005</p> <p>阀体部件(破碎拇指夹)</p> <p>SPOOL SECTION(BROKEN<br/>THUMB CLAMP)</p>  | <p>Fig.No. K006</p> <p>阀体部件(推土伸缩)</p> <p>SPOOL<br/>SECTION(TELESCOPIC<br/>BULLDOZER)</p>  | <p>Fig.No.K007</p> <p>阀体部件(斗杆)</p> <p>SPOOL SECTION(ARM)</p>     |
| <p>Fig.No. K008</p> <p>阀体部件(回转偏摆)</p> <p>SPOOL SECTION(ROTARY<br/>SWING)</p>  | <p>Fig.No. K009</p> <p>阀体部件(左行走)</p> <p>SPOOL SECTION(DRIVE<br/>LH)</p>              | <p>Fig.No.K010</p> <p>齿轮泵和零件</p> <p>GEAR PUMP AND PARTS</p>                               | <p>Fig.No.K011</p> <p>回转马达</p> <p>ROYTARY MOTOR</p>              |



Fig.No. K012  
行走马达  
TRAVELING MOTOR



L油缸  
CYLINDER

Fig.No. L001  
油缸（动臂）  
BOOM CYLINDER

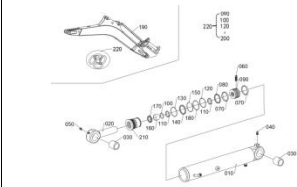


Fig.No. L002  
油缸（斗杆）  
ARM CYLINDER

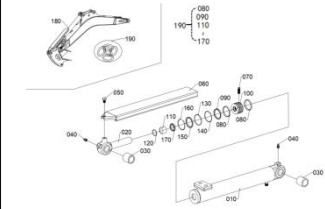


Fig.No. L003  
油缸（挖斗）  
BUCKET CYLINDER

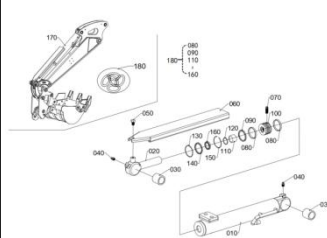


Fig.No. L004  
油缸（动臂侧摆）  
BOOM SWING CYLINDER

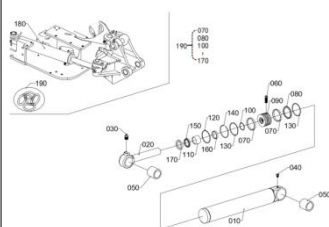


Fig.No. L005  
油缸（推土）  
BULLDOZER HYDRAULIC CYLINDER

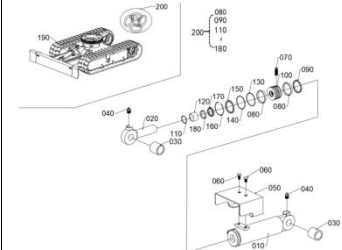
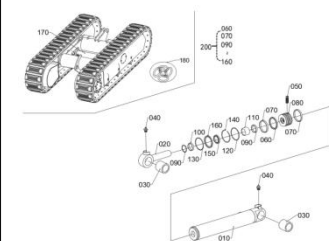


Fig.No. L006  
油缸（伸缩）  
TELESCOPIC HYDRAULIC CYLINDER



M标签  
LABELS

Fig.No. M001  
标签  
LABEL

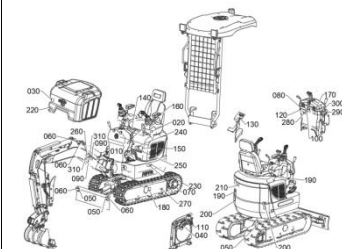
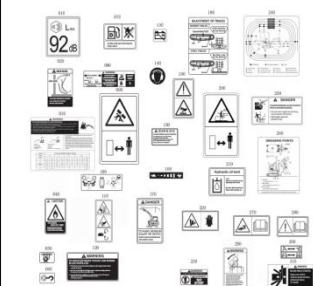
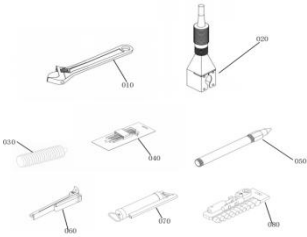


Fig.No. M002  
标签  
LABEL

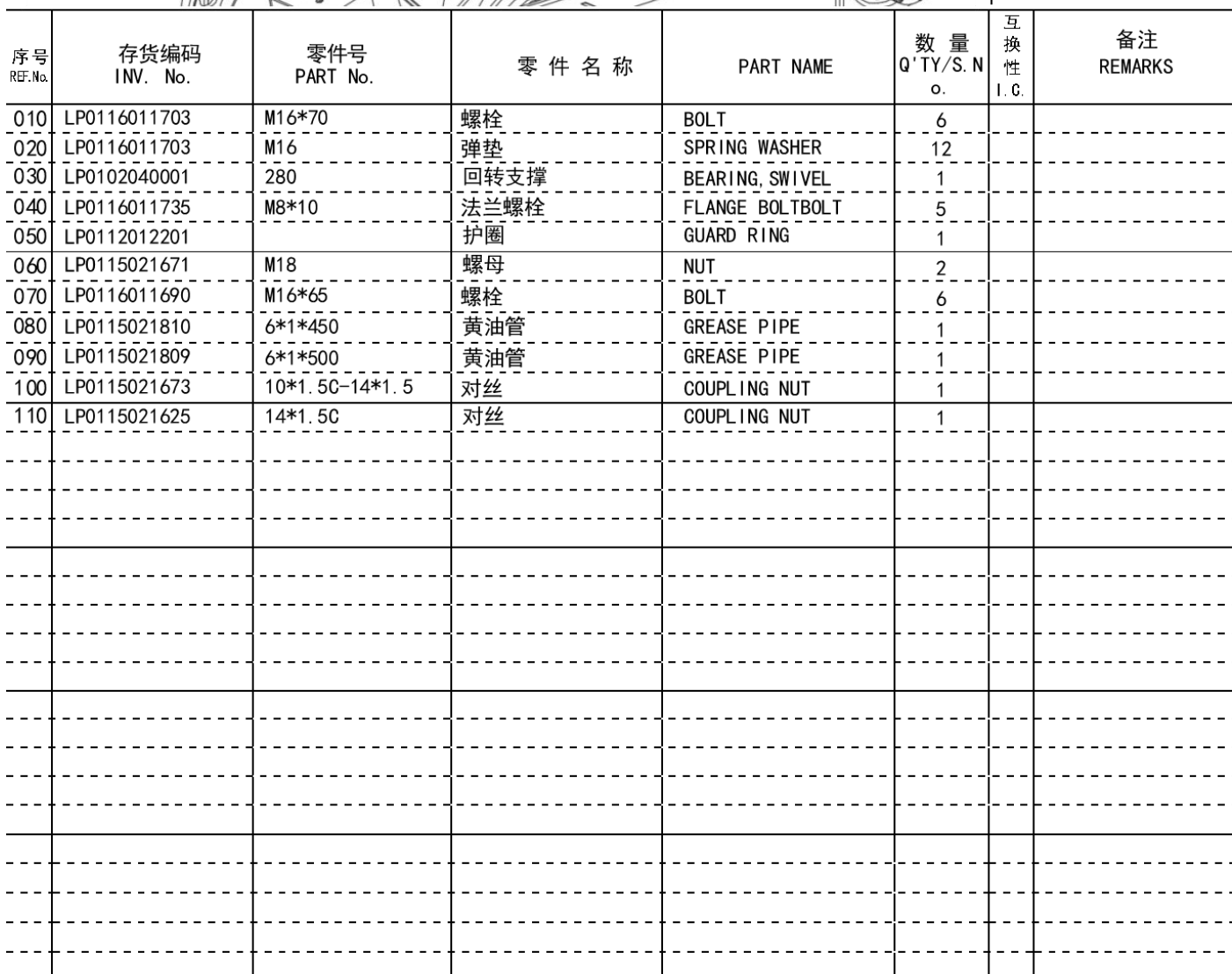


N标准附件  
ACCESSORIES

Fig.No.  
N001 标准附件  
ACCESSORIES

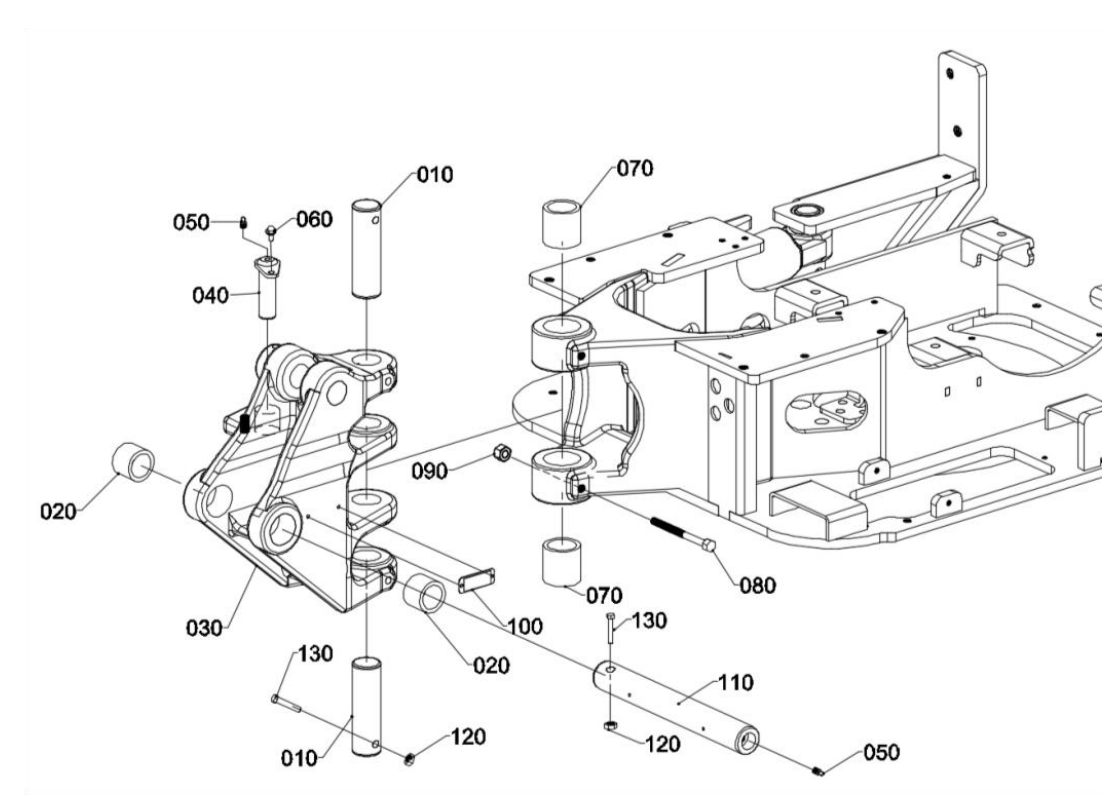




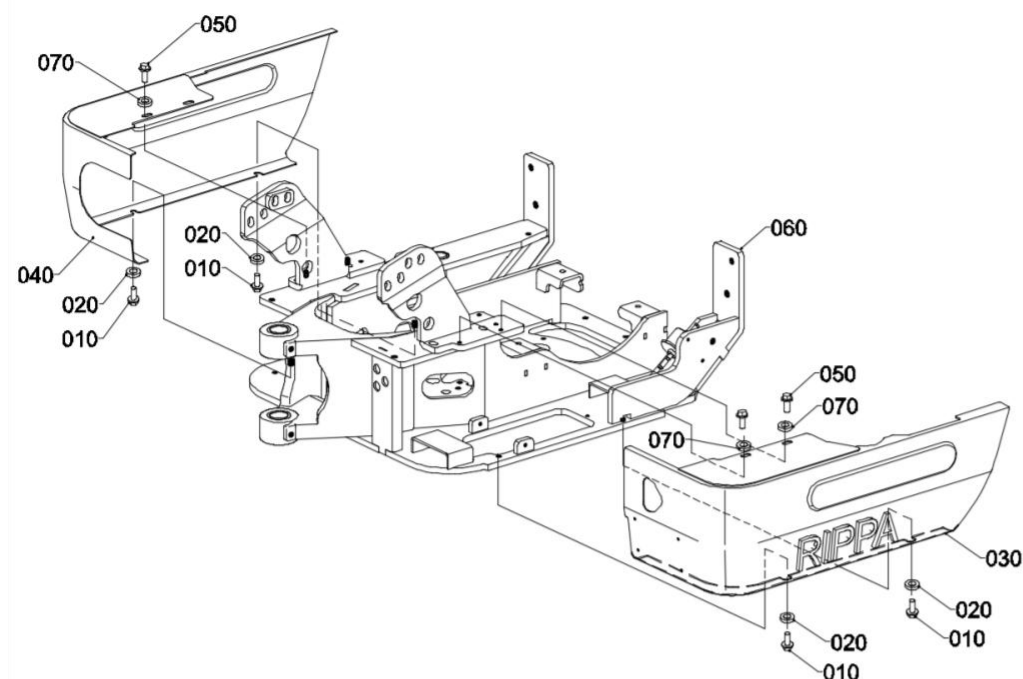


**A002**

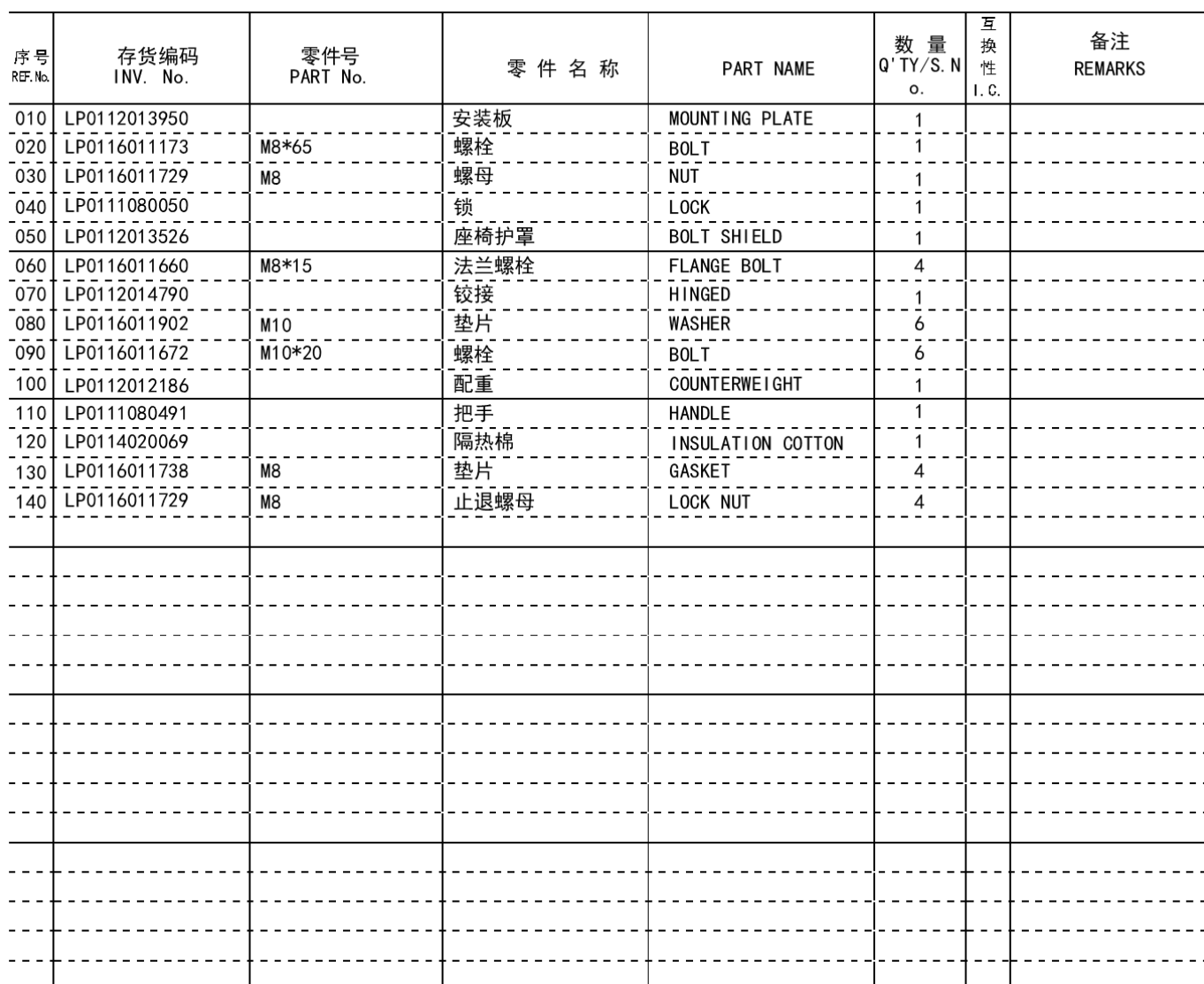
动臂支架  
BOOM BRACKET

[illegible]

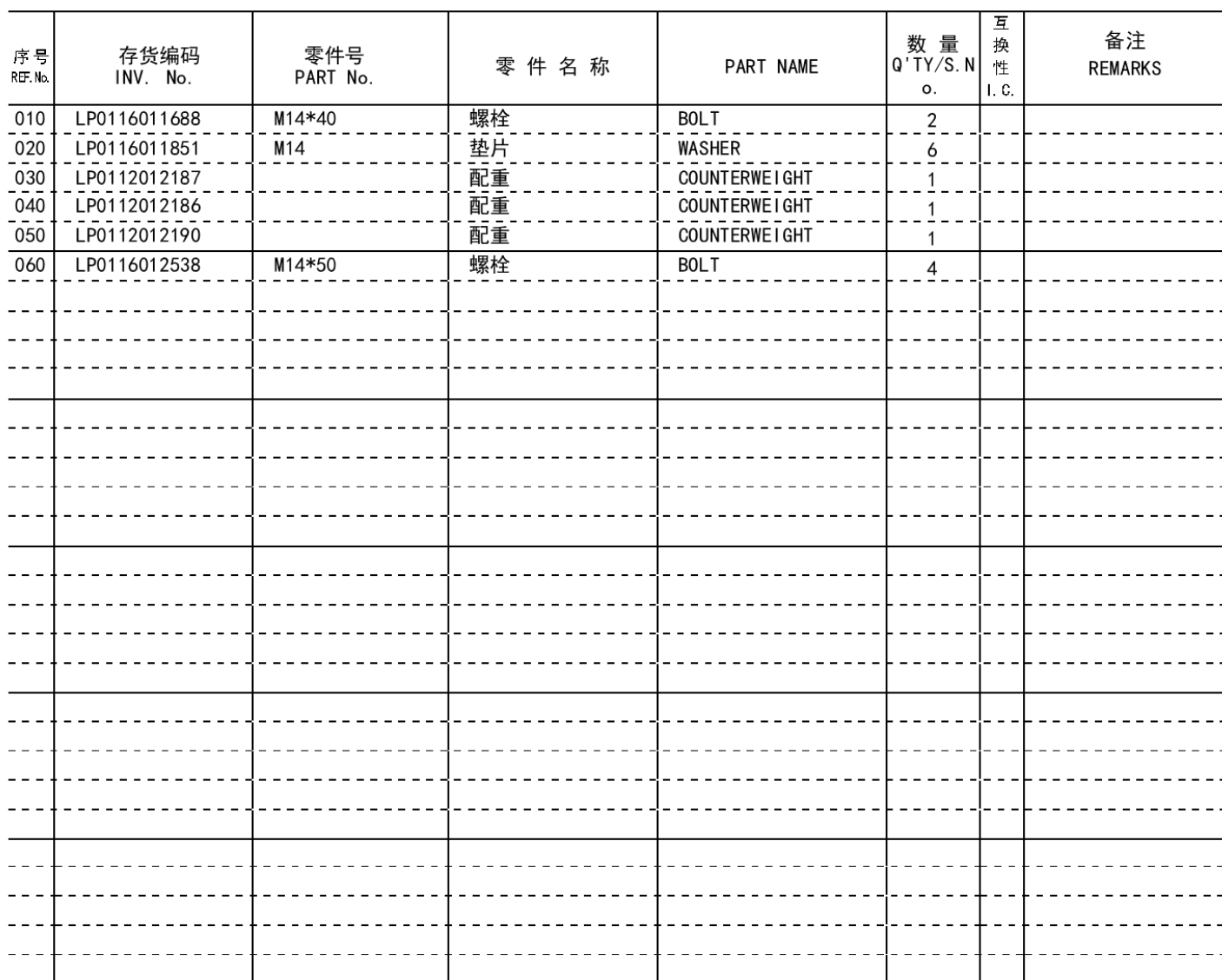
$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

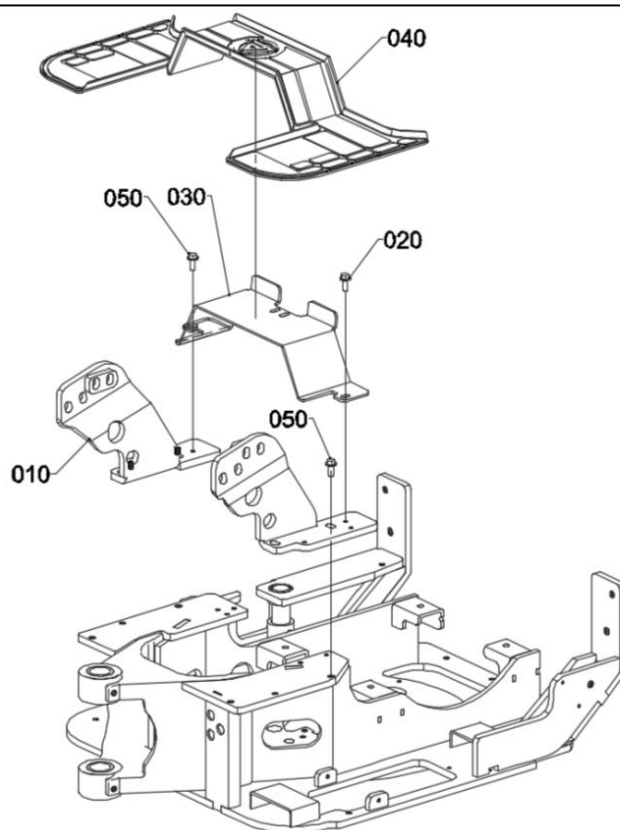
[illegible]

$\leftrightarrow$  可互换 ;  $\nleftrightarrow$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



4



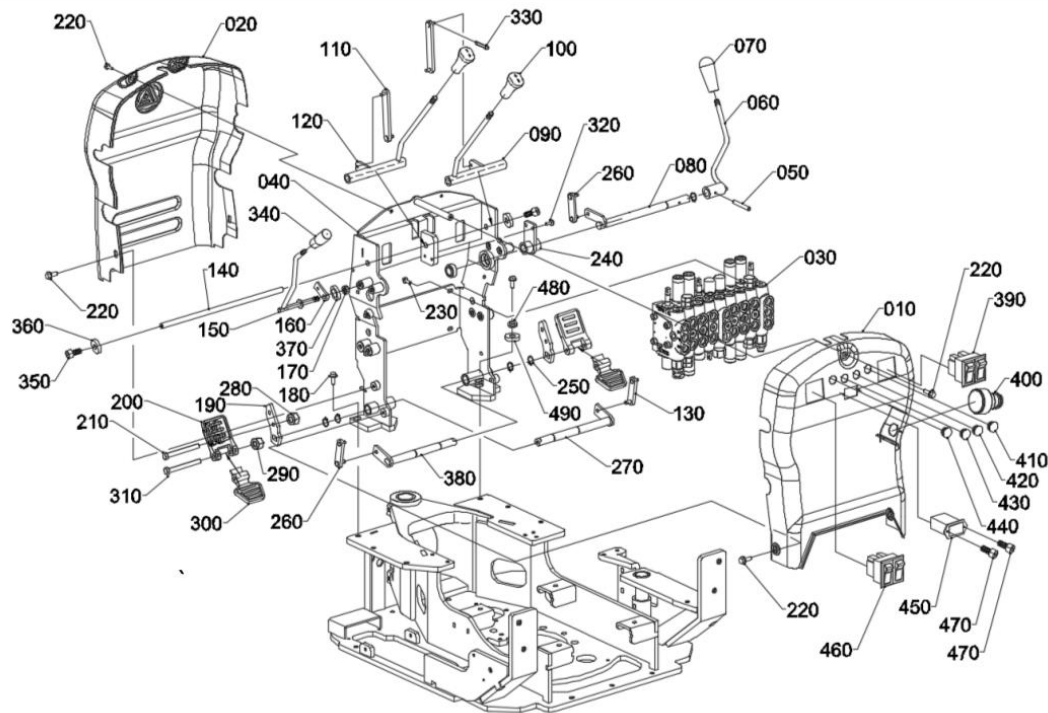
[illegible]

$\leftrightarrow$  可互换 ;  $\nleftrightarrow$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

A007

# 多路阀支架, 多路阀护罩

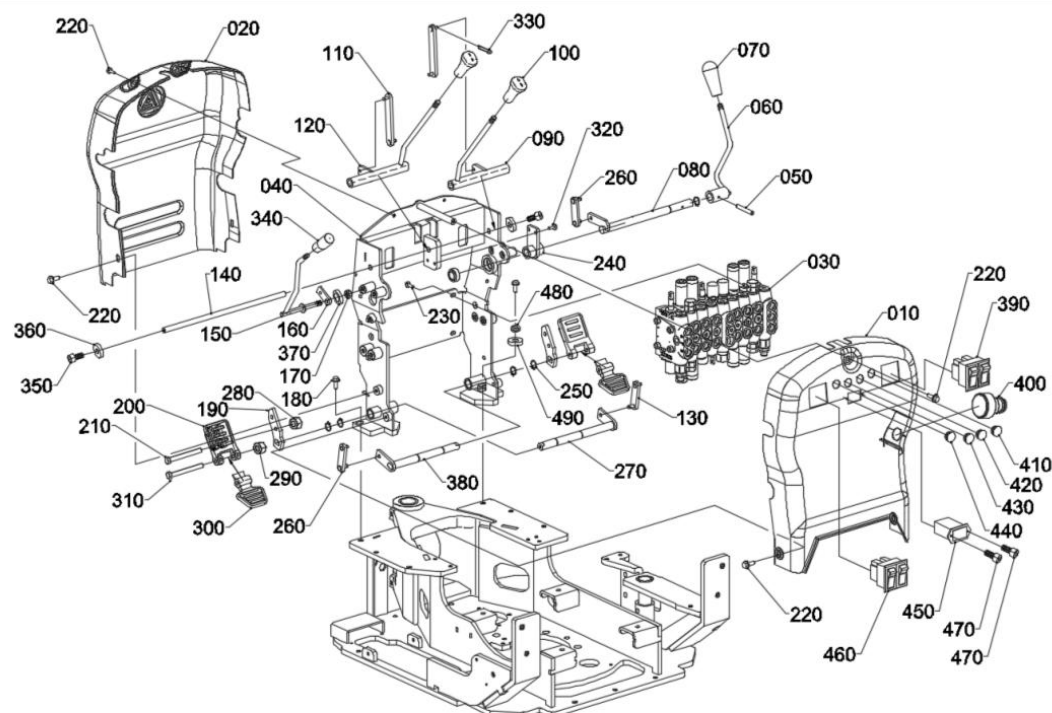
## MULTI-WAY VALVE BRECKET, MULTI-WAY VALVE COVER



| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME      | 数量<br>Q'TY/S.N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|----------|----------------|----------------------|----------------------|---------------|
| 010           | LP0105010028-001 |                 | 多路阀护罩(后) | PEDAL (R)      | 1                    |                      |               |
| 020           | LP0105010028-002 |                 | 多路阀护罩(前) | PEDAL (F)      | 1                    |                      |               |
| 030           | LP0101030058     |                 | 多路阀      | PEDAL          | 1                    |                      |               |
| 040           | LP0112012184     |                 | 多路阀支架    | SRENT          | 1                    |                      |               |
| 050           | LP0111080490     | M4*28C型         | 销        | SELL           | 1                    |                      |               |
| 060           | LP0107020119     |                 | 操作杆      | JOYSTICK       | 1                    |                      |               |
| 070           | LP0111080479     |                 | 护套       | SHEATH         | 1                    |                      |               |
| 080           | LP0107020123     |                 | 铰接杆      | HINGE ROD      | 1                    |                      |               |
| 090           | LP0107020120     |                 | 操作杆      | JOYSTICK       | 1                    |                      |               |
| 100           | LP0111080486     |                 | 护套       | SHEATH         | 2                    |                      |               |
| 110           | LP0107050134     |                 | 铰接杆      | HINGE ROD      | 2                    |                      |               |
| 120           | LP0107020125     |                 | 操作杆      | JOYSTICK       | 1                    |                      |               |
| 130           | LP0107020140     |                 | 安装板      | MOUNTING PLATE | 1                    |                      |               |
| 140           | LP0107020129     |                 | 铰接轴      | HINGE SHAFT    | 1                    |                      |               |
| 150           | LP0107020127     |                 | 操作杆      | JOYSTICK       | 1                    |                      |               |
| 160           | LP0107020131     |                 | 安装板      | MOUNTING PLATE | 1                    |                      |               |
| 170           | LP0116011705     | M10             | 螺母       | NUT            | 1                    |                      |               |
| 180           | LP0116011624     | M12*30          | 法兰螺栓     | BOLT           | 2                    |                      |               |
| 190           | LP0107020132     |                 | 安装板      | MOUNTING PLATE | 2                    |                      |               |
| 200           | LP0117020014-001 |                 | 脚踏板      | FOOTBOARD      | 2                    |                      |               |
| 210           | LP0116011928     | M8*50           | 螺栓       | BOLT           | 4                    |                      |               |
| 220           | LP0116011660     | M8*16           | 法兰螺栓     | FLANGE BOLT    | 7                    |                      |               |
| 230           | LP0116011660     | M8*16           | 法兰螺栓     | FLANGE BOLT    | 4                    |                      |               |
| 240           | LP0107020118     |                 | 安装板      | MOUNTING PLATE | 1                    |                      |               |
| 250           | LP0111080488     | 17MM            | 卡簧       | CIRCLIP        | 5                    |                      |               |
| 260           | LP0107020126     |                 | 安装板      | MOUNTING PLATE | 2                    |                      |               |
| 270           | LP0107020122     |                 | 铰接杆      | HINGE ROD      | 1                    |                      |               |
| 280           | LP0116011729     | M8              | 螺母       | NUT            | 4                    |                      |               |
| 290           | LP0116011729     | M8              | 螺母       | NUT            | 2                    |                      |               |
| 300           | LP0117020014-002 |                 | 脚踏板      | FOOTBOARD      | 2                    |                      |               |

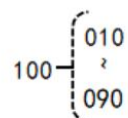
↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

多路阀支架，多路阀护罩  
MULTI-WAY VALVE BRACKET, MULTI-WAY VALVE COVER

[illegible]

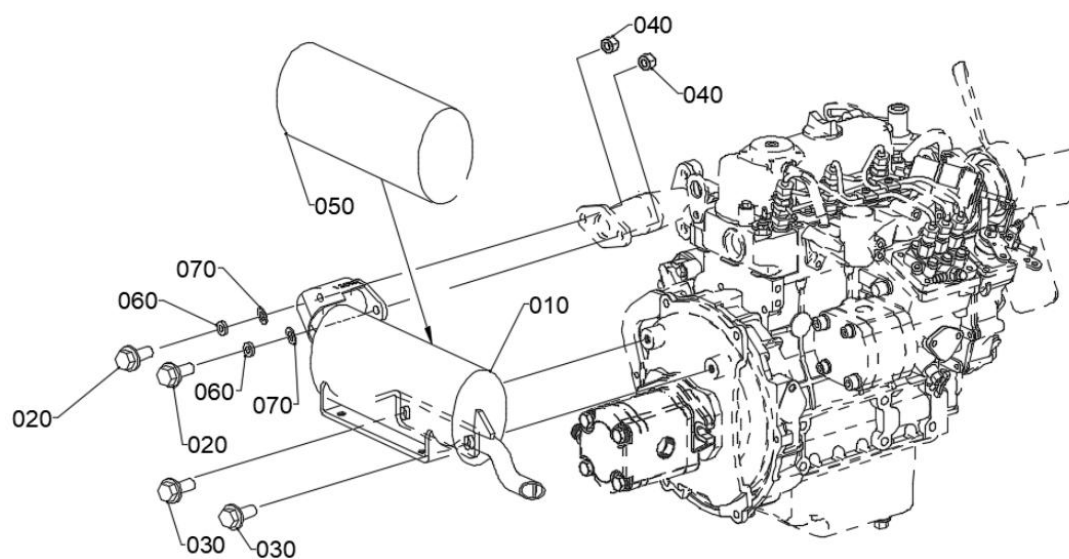
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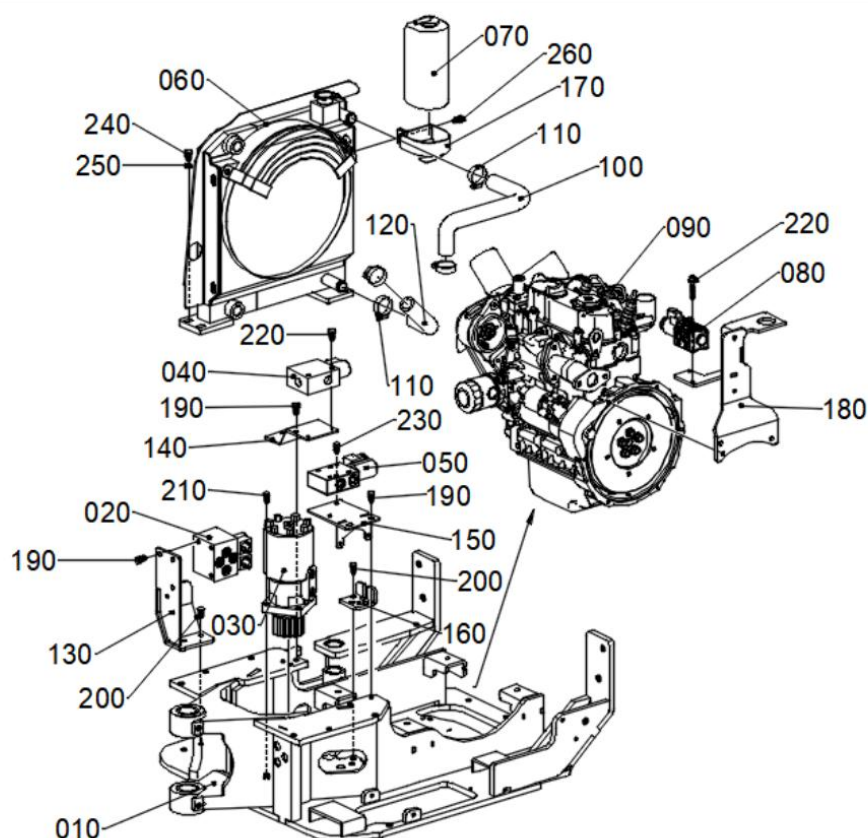
↔ 可互换; ≠ 不可互换; ← 以新换旧; → 以旧换新



[illegible]

$\leftrightarrow$  可互换;  $\neq$  不可互换;  $\leftarrow$  以新换旧;  $\rightarrow$  以旧换新



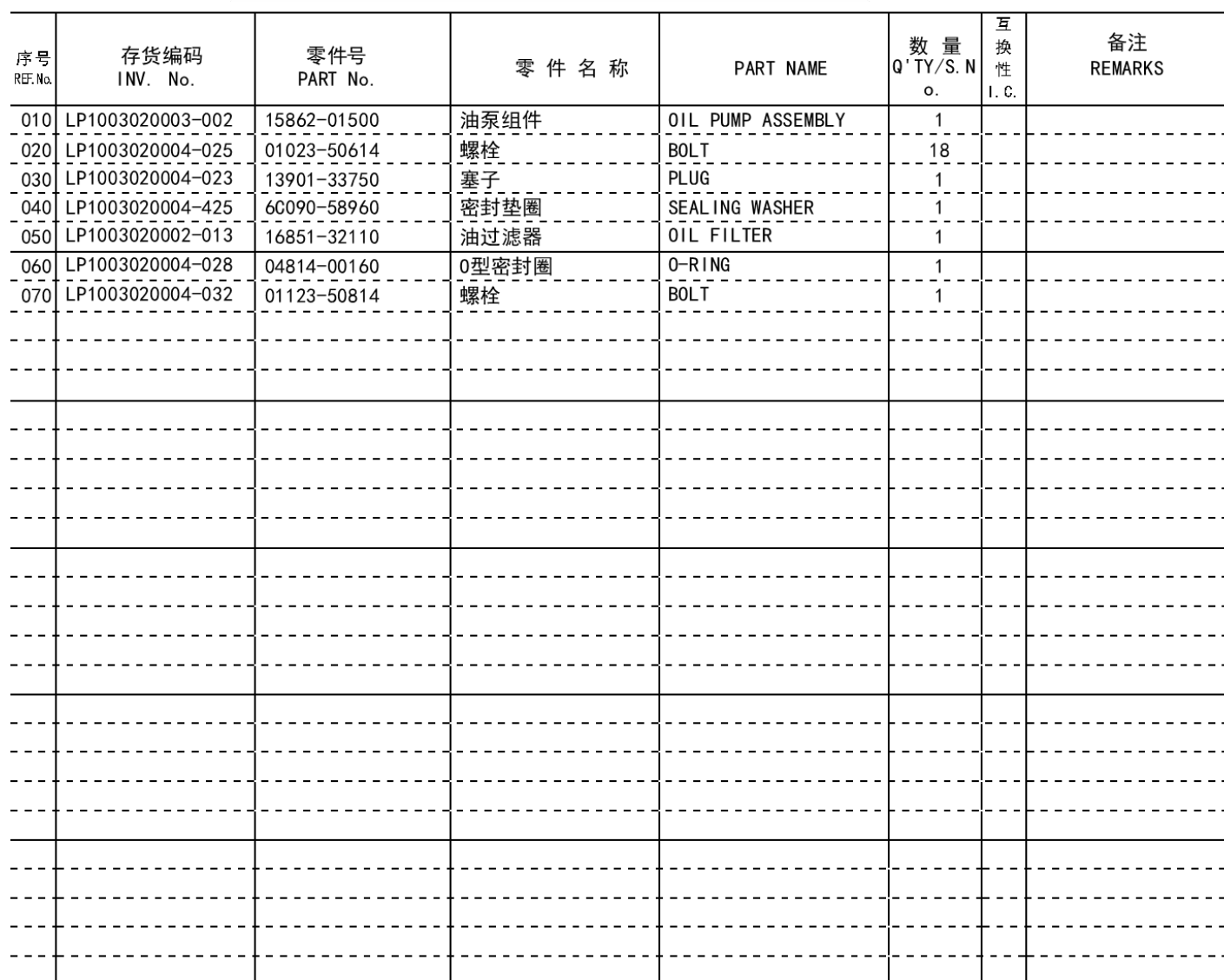


| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零 件 名 称 | PART NAME   | 数 量<br>Q'TY/S. N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|----------------|------------------|-----------------|---------|-------------|------------------------|----------------------|---------------|
| 010            | LP0112012191     |                 | 上盘      | UPPER CASE  | 1                      |                      |               |
| 020            | LP0115030062     |                 | 电磁阀     | RADIOTUBE   | 1                      |                      |               |
| 030            | LP0102030001     |                 | 回转马达    | GEAR PUMP   | 1                      |                      |               |
| 040            | LP0115030028     |                 | 电磁阀     | RADIOTUBE   | 1                      |                      |               |
| 050            | LP0104010883     |                 | 电磁阀     | RADIOTUBE   | 1                      |                      |               |
| 060            | LP0110020089     |                 | 散热器     | RADIATO     | 1                      |                      |               |
| 070            | LP0111080035     |                 | 水壶      | KETTLE      | 1                      |                      |               |
| 080            | LP0115030098     |                 | 电磁阀     | RADIOTUBE   | 1                      |                      |               |
| 090            | LP0103020003     |                 | 发动机     | ENGINE      | 1                      |                      |               |
| 100            | LP0113010064     |                 | 橡胶软管    | RUBBER HOSE | 1                      |                      |               |
| 110            | LP0116010688     |                 | 管卡      | PIPE STRAP  | 4                      |                      |               |
| 120            | LP0113010065     |                 | 橡胶软管    | RUBBER HOSE | 1                      |                      |               |
| 130            | LP0112012265     |                 | 安装座     | SOLEPLATE   | 1                      |                      |               |
| 140            | LP0112012209     |                 | 安装座     | SOLEPLATE   | 1                      |                      |               |
| 150            | LP0112012208     |                 | 安装座     | SOLEPLATE   | 1                      |                      |               |
| 160            | LP0112012988     |                 | 卡板      | CARD        | 1                      |                      |               |
| 170            | LP0112012200     |                 | 安装座     | SOLEPLATE   | 1                      |                      |               |
| 180            | LP0112012304     |                 | 安装座     | SOLEPLATE   | 1                      |                      |               |
| 190            | LP0116011708     | M8*16           | 螺栓      | BOLT        | 8                      |                      |               |
| 200            | LP0116012552     | M10*20          | 螺栓      | BOLT        | 4                      |                      |               |
| 210            | LP0116011179     | M10x30          | 螺栓      | BOLT        | 4                      |                      |               |
| 220            | LP0116011804     | M6*50           | 螺栓      | BOLT        | 4                      |                      |               |
| 230            | LP0116011781     | M6*40           | 螺栓      | BOLT        | 2                      |                      |               |
| 240            | LP0116011673     | M10*25          | 螺栓      | BOLT        | 3                      |                      |               |
| 250            | LP0116011715     | M10             | 垫片      | WASHER      | 3                      |                      |               |
| 260            | LP0116011709     | M8*20           | 螺栓      | BOLT        | 1                      |                      |               |
|                |                  |                 |         |             |                        |                      |               |
|                |                  |                 |         |             |                        |                      |               |
|                |                  |                 |         |             |                        |                      |               |
|                |                  |                 |         |             |                        |                      |               |
|                |                  |                 |         |             |                        |                      |               |

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



14

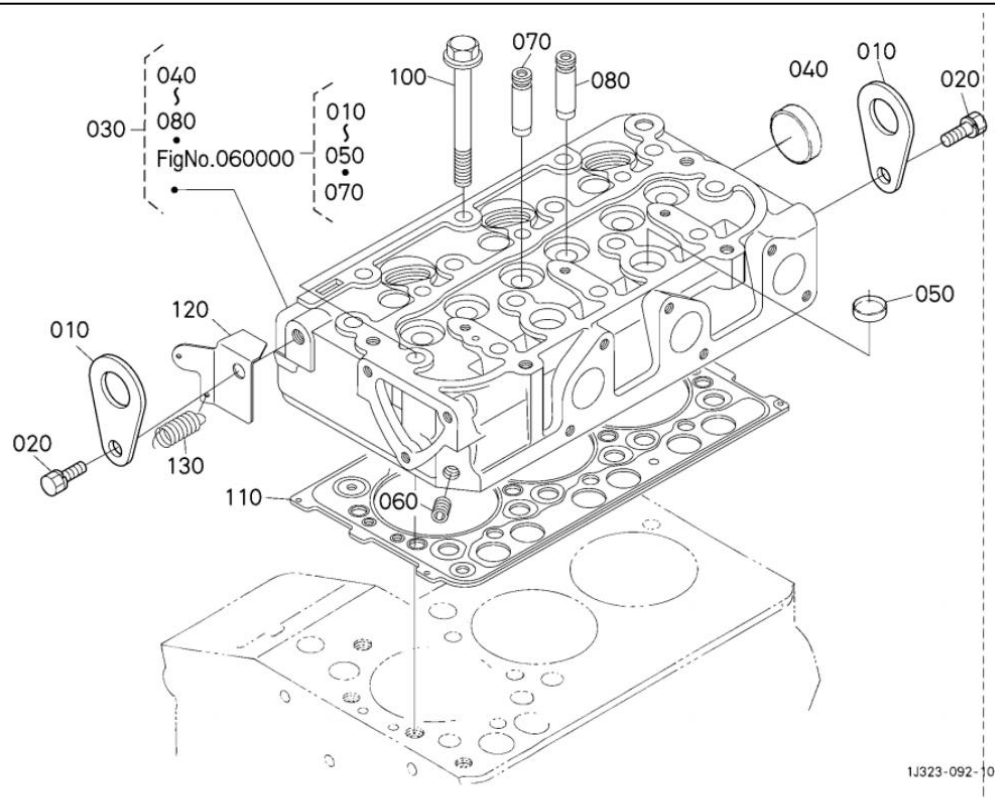


15



**B003**

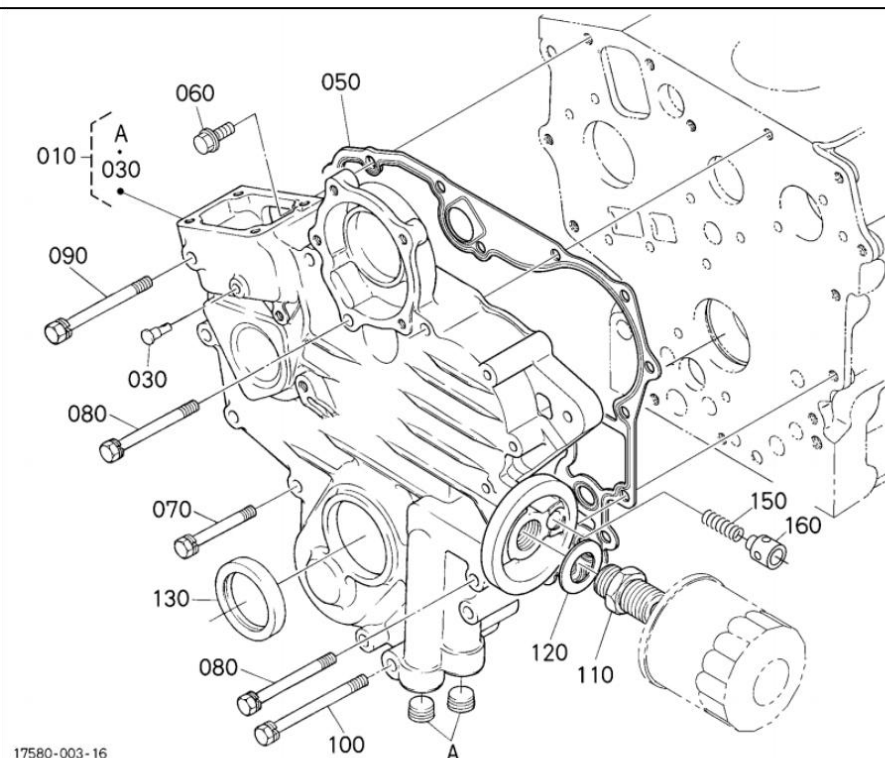
油缸头  
CYLINDER HEAD

[illegible]

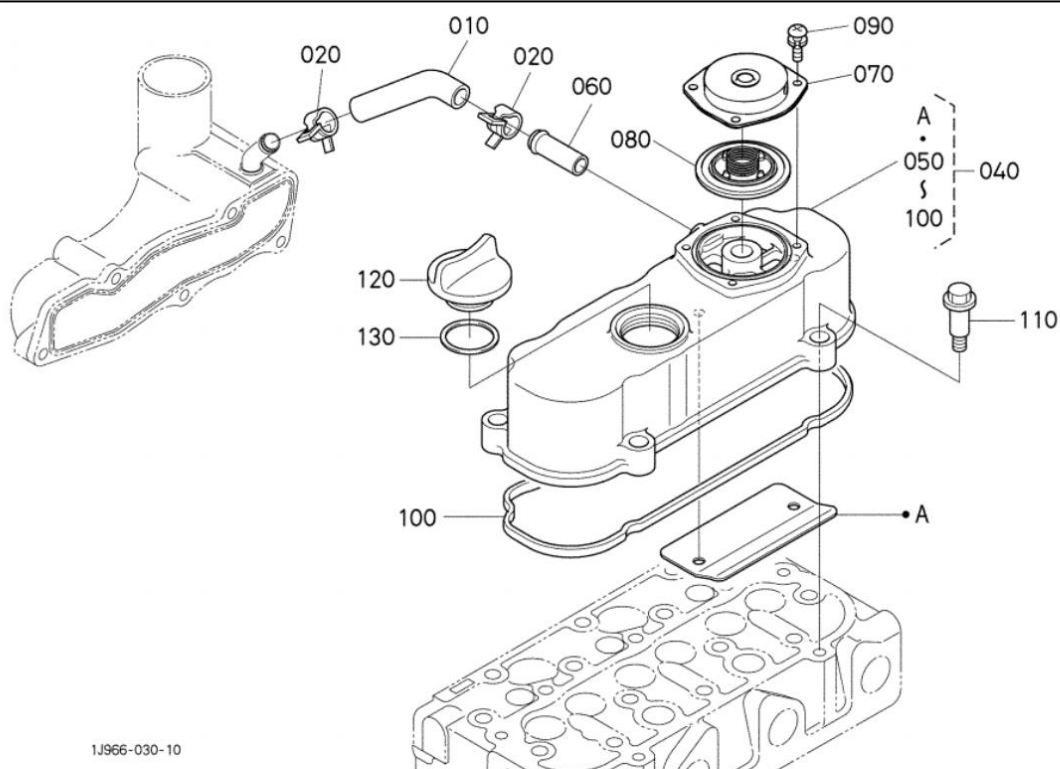
$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



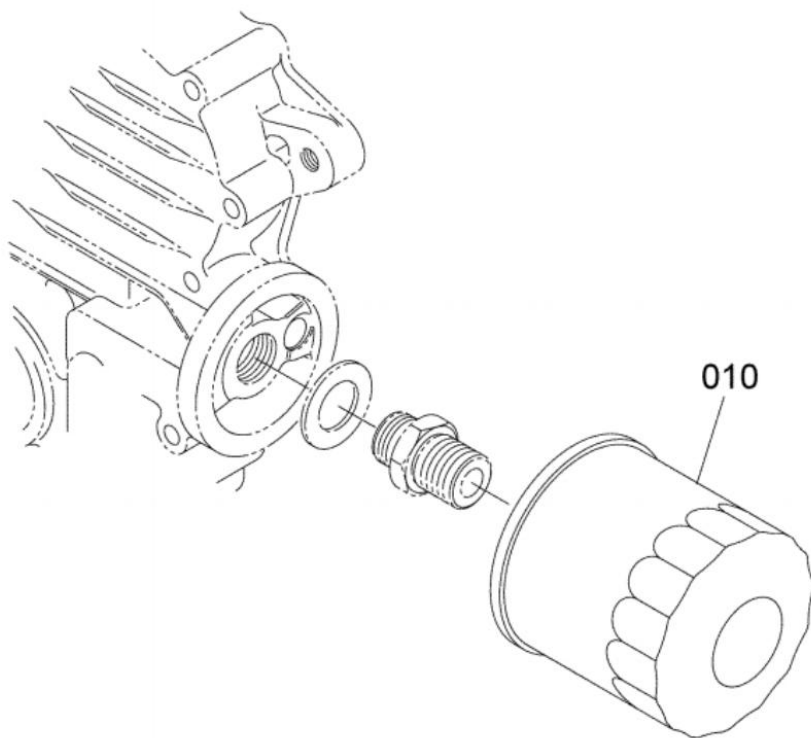
齿轮箱  
GEARBOX

[illegible]

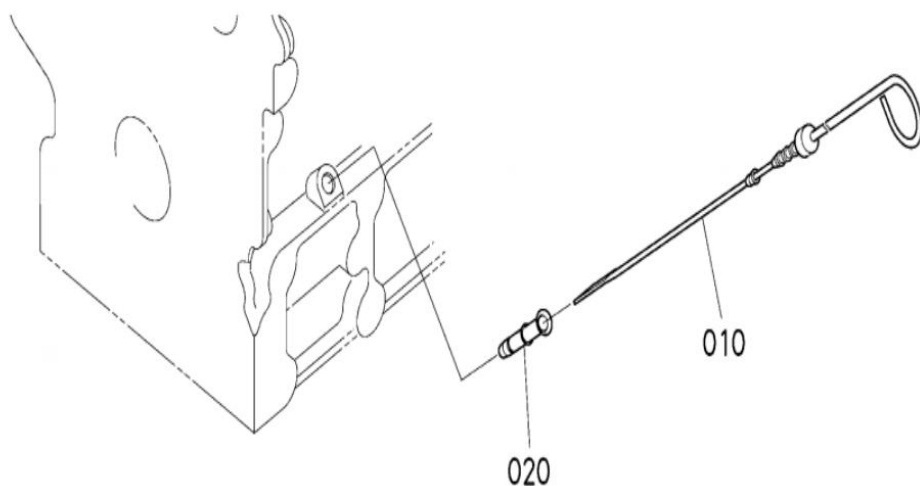
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[illegible]

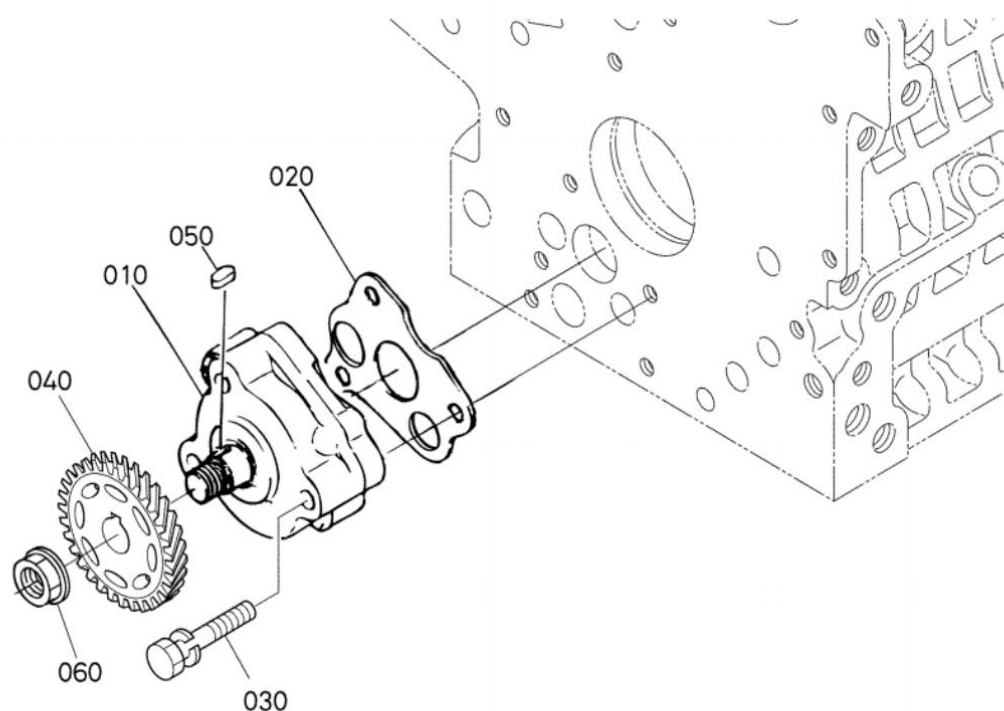
$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

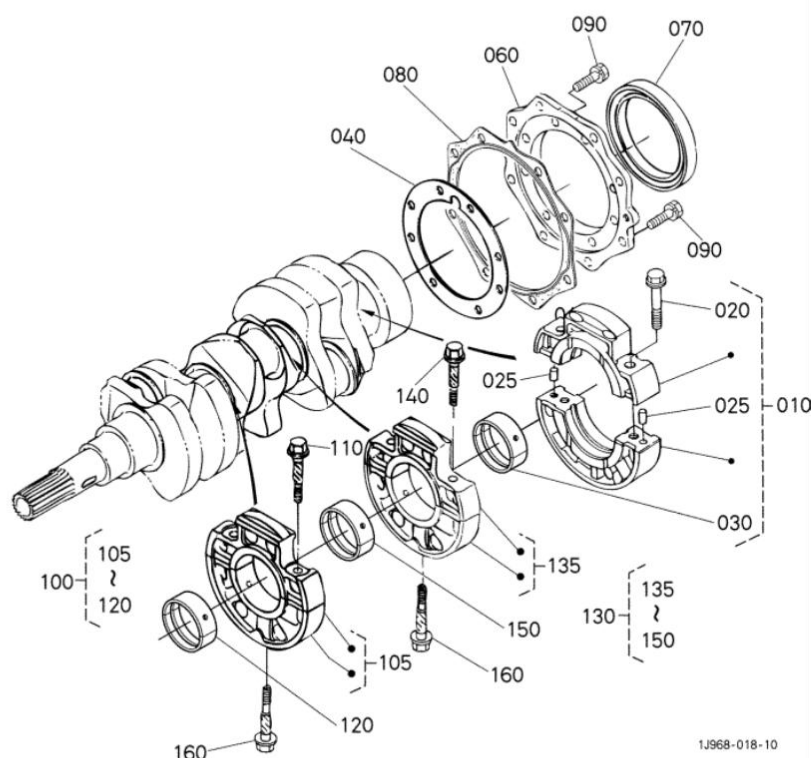
$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

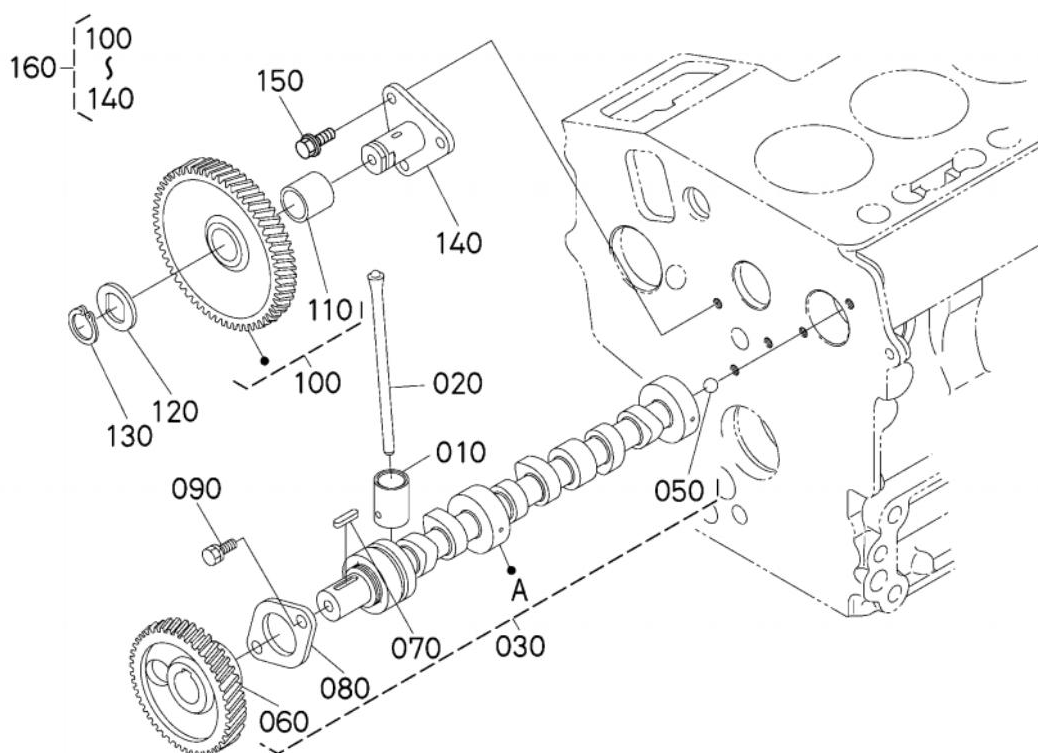
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**B010**

## 凸轮轴和中间齿轮轴

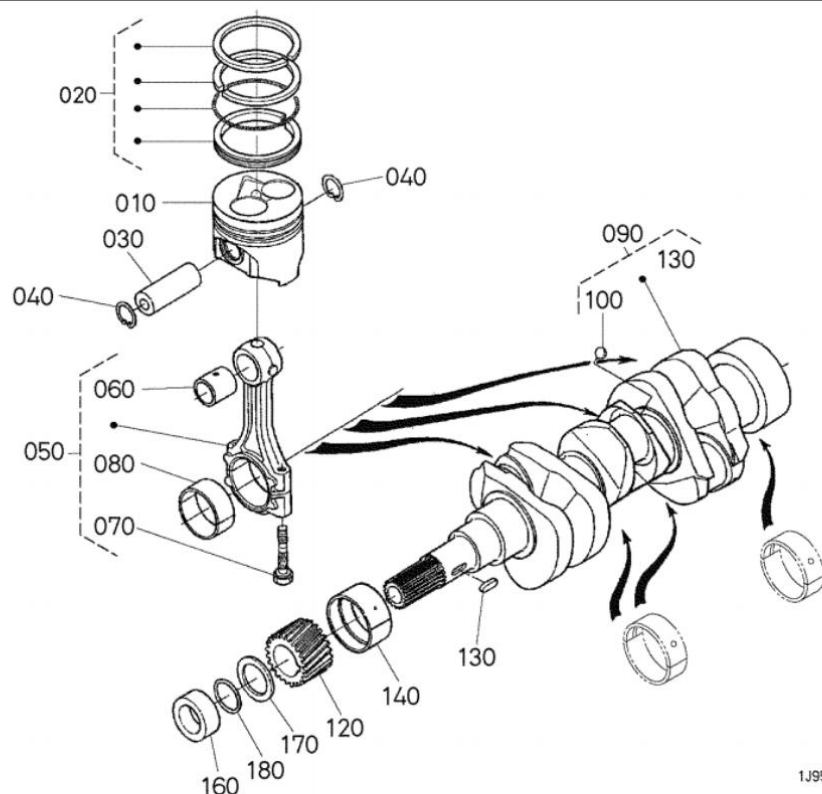
CAMSHAFT IDLER GEAR SHAFT

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**B011**

活塞 / 曲柄轴  
PISTON/CRANKSHAFT

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

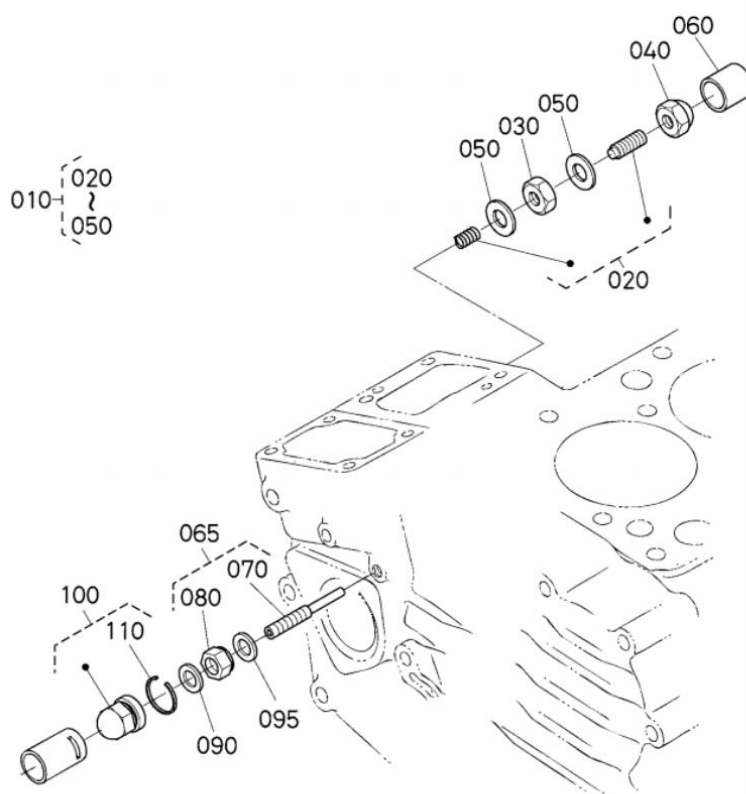






**B014**

怠速限制装置  
IDLE LIMIT VALVE

[illegible]

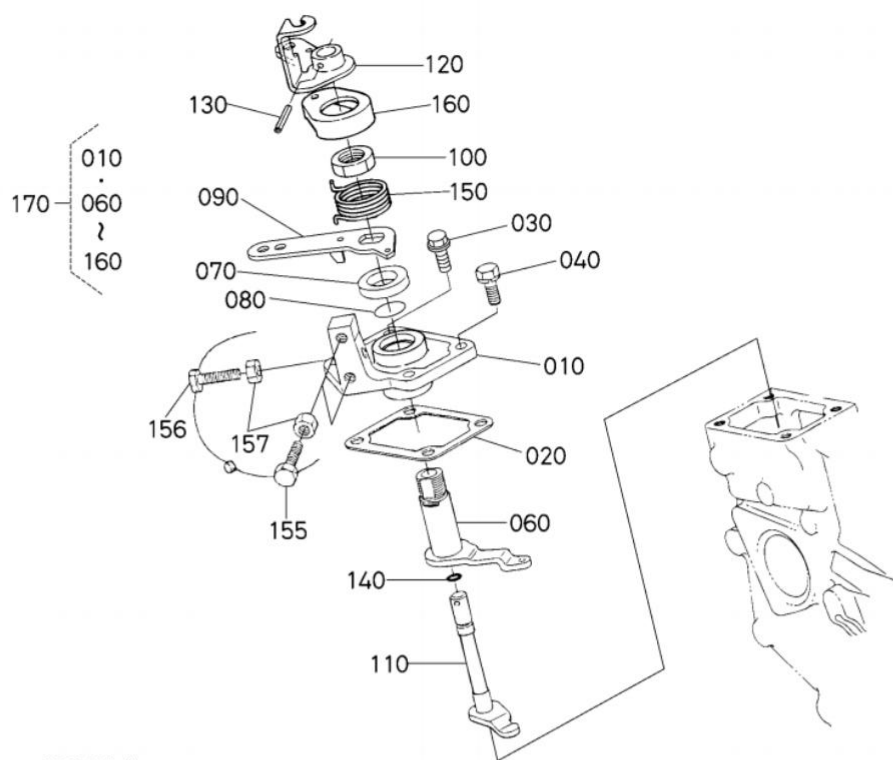
↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新





**B017**

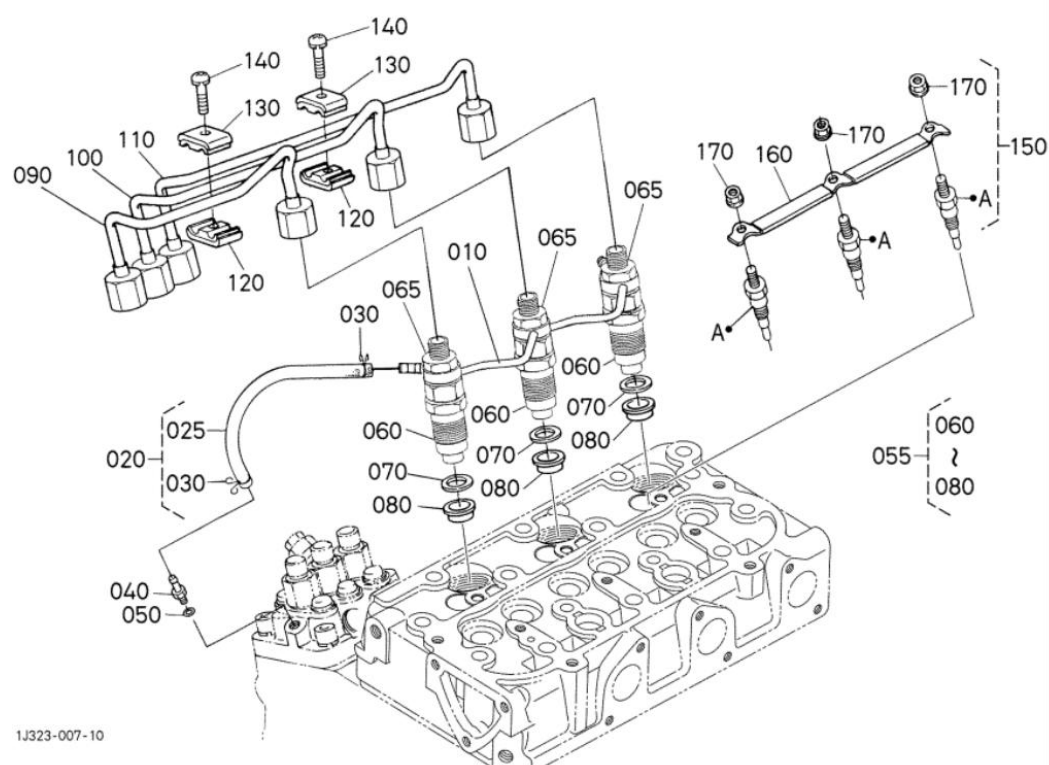
调速板  
SPEED GOVERNING PLATE



1J321-024-14

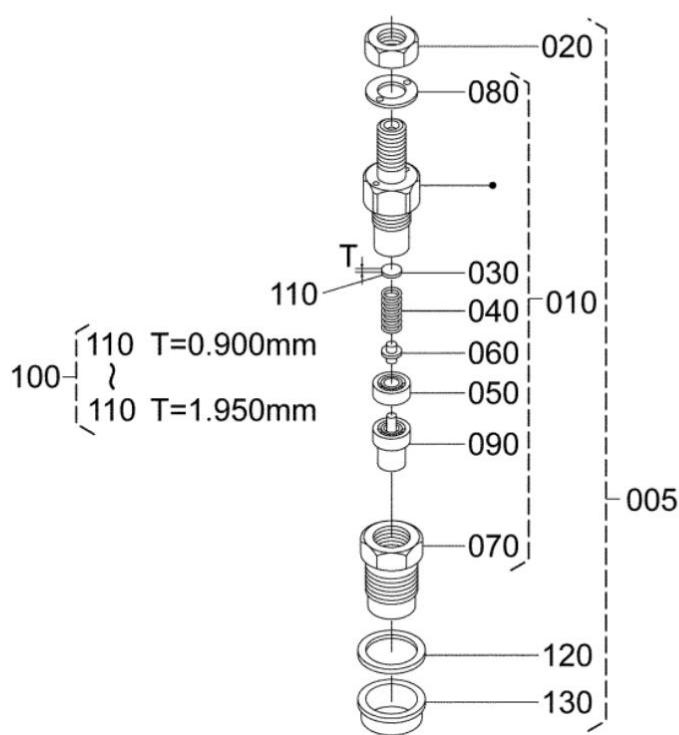
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

# B019 喷嘴座(分解) NOZZLE HOLDER (DISASSEMBLED)



| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称    | PART NAME         | 数量<br>Q'TY/S.No. | 互换性<br>I.C. | 备注<br>REMARKS |
|----------------|------------------|-----------------|---------|-------------------|------------------|-------------|---------------|
| 005            | LP1003020002-168 | 16871-53904     | 喷嘴套件固定器 | NOZZLE KIT HOLDER | 3                |             |               |
| 010            | LP1003020002-169 | 16871-53002     | 喷油器组件   | FUEL INJECTOR     | 3                |             |               |
| 020            | LP1003020004-198 | 1G826-92032     | 螺母      | NUT               | 3                |             |               |
| 030            | LP1003020004-199 | 16032-53230     | 调节垫圈    | ADJUSTING WASHER  | 3                |             |               |
| 040            | LP1003020004-200 | 16032-53170     | 喷嘴弹簧    | NOZZLE SPRING     | 3                |             |               |
| 050            | LP1003020004-201 | 16032-53350     | 隔片      | SPACER            | 3                |             |               |
| 060            | LP1003020004-202 | 16032-53160     | 推杆      | PUSH ROD          | 3                |             |               |
| 070            | LP1003020002-181 | 16871-53280     | 喷嘴螺母    | NOZZLE NUT        | 3                |             |               |
| 080            | LP1003020004-204 | 16032-94040     | 平垫圈     | FLAT WASHER       | 3                |             |               |
| 090            | LP1003020002-182 | 1G962-53610     | 喷嘴部件    | NOZZLE COMPONENT  | 3                |             |               |
| 100            | LP1003020002-183 | 15841-98100     | 调节垫圈组件  | ADJUSTING WASHER  | 3                |             |               |
| 110            | LP1003020002-184 | 15841-53230     | 调节垫片    | ADJUSTING SHIM    | 3                |             | 0.900mm       |
| 110            | LP1003020002-185 | 15841-98510     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 0.925mm       |
| 110            | LP1003020002-186 | 15841-98520     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 0.950mm       |
| 110            | LP1003020002-187 | 15841-98530     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 0.975mm       |
| 110            | LP1003020002-188 | 15841-98540     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.000mm       |
| 110            | LP1003020002-189 | 15841-98550     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.025mm       |
| 110            | LP1003020002-190 | 15841-98560     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.050mm       |
| 110            | LP1003020002-191 | 15841-98570     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.075mm       |
| 110            | LP1003020002-192 | 15841-98580     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.100mm       |
| 110            | LP1003020002-193 | 15841-98590     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.125mm       |
| 110            | LP1003020002-194 | 15841-98600     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.150mm       |
| 110            | LP1003020002-195 | 15841-98610     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.175mm       |
| 110            | LP1003020002-196 | 15841-98620     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.200mm       |
| 110            | LP1003020002-197 | 15841-98630     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.225mm       |
| 110            | LP1003020002-198 | 15841-98640     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.250mm       |
| 110            | LP1003020002-199 | 15841-98650     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.275mm       |
| 110            | LP1003020002-200 | 15841-98660     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.300mm       |
| 110            | LP1003020002-201 | 15841-98670     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.325mm       |
| 110            | LP1003020002-202 | 15841-98680     | 调整垫片    | ADJUSTING SHIM    | 3                |             | 1.350mm       |

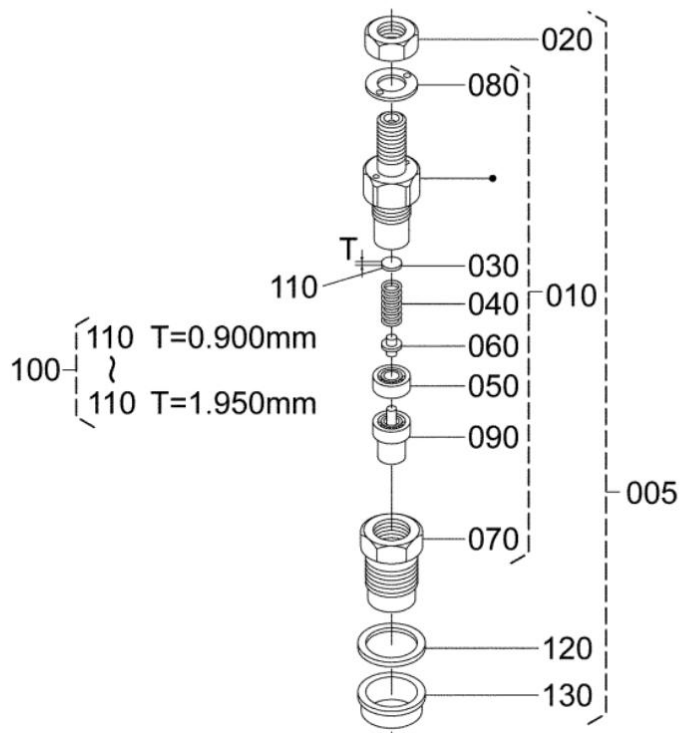
↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新



## B019

## 喷嘴座(分解)

## NOZZLE HOLDER (DISASSEMBLED)

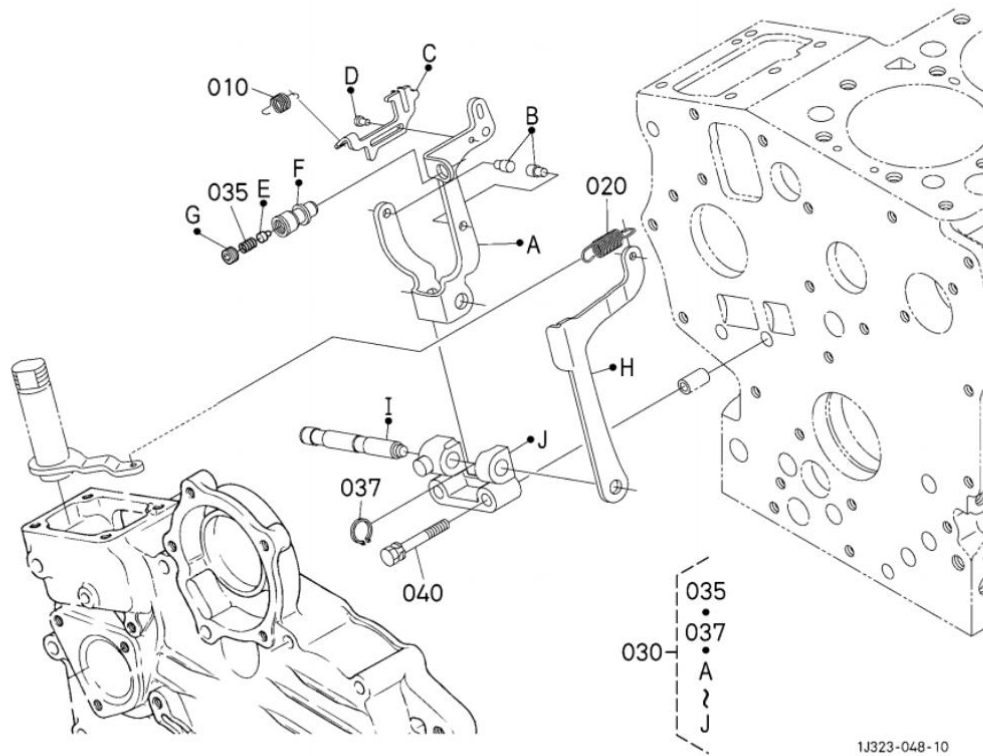


| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称 | PART NAME      | 数量<br>Q'TY/S.No. | 互换性<br>I.C. | 备注<br>REMARKS |
|----------------|------------------|-----------------|------|----------------|------------------|-------------|---------------|
| 110            | LP1003020002-203 | 15841-98690     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 375mm      |
| 110            | LP1003020002-204 | 15841-98700     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 400mm      |
| 110            | LP1003020002-205 | 15841-98710     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 425mm      |
| 110            | LP1003020002-206 | 15841-98720     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 450mm      |
| 110            | LP1003020002-207 | 15841-98730     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 475mm      |
| 110            | LP1003020002-208 | 15841-98740     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 500mm      |
| 110            | LP1003020002-209 | 15841-98750     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 525mm      |
| 110            | LP1003020002-210 | 15841-98760     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 550mm      |
| 110            | LP1003020002-211 | 15841-98770     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 575mm      |
| 110            | LP1003020002-212 | 15841-98780     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 600mm      |
| 110            | LP1003020002-213 | 15841-98790     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 625mm      |
| 110            | LP1003020002-214 | 15841-98800     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 650mm      |
| 110            | LP1003020002-215 | 15841-98810     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 675mm      |
| 110            | LP1003020002-216 | 15841-98820     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 700mm      |
| 110            | LP1003020002-217 | 15841-98830     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 725mm      |
| 110            | LP1003020002-218 | 15841-98840     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 750mm      |
| 110            | LP1003020002-219 | 15841-98850     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 775mm      |
| 110            | LP1003020002-220 | 15841-98860     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 800mm      |
| 110            | LP1003020002-221 | 15841-98870     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 825mm      |
| 110            | LP1003020002-222 | 15841-98880     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 850mm      |
| 110            | LP1003020002-223 | 15841-98890     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 875mm      |
| 110            | LP1003020002-224 | 15841-98900     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 900mm      |
| 110            | LP1003020002-225 | 15841-98910     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 925mm      |
| 110            | LP1003020002-226 | 15841-98920     | 调整垫片 | ADJUSTING SHIM | 3                |             | 1. 950mm      |
| 120            | LP1003020004-416 | 15841-53622     | 垫片   | GASKET         | 3                |             |               |
| 130            | LP1003020004-415 | 19077-53650     | 密封   | SEAL           | 3                |             |               |
|                |                  |                 |      |                |                  |             |               |
|                |                  |                 |      |                |                  |             |               |
|                |                  |                 |      |                |                  |             |               |
|                |                  |                 |      |                |                  |             |               |

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

**B020**

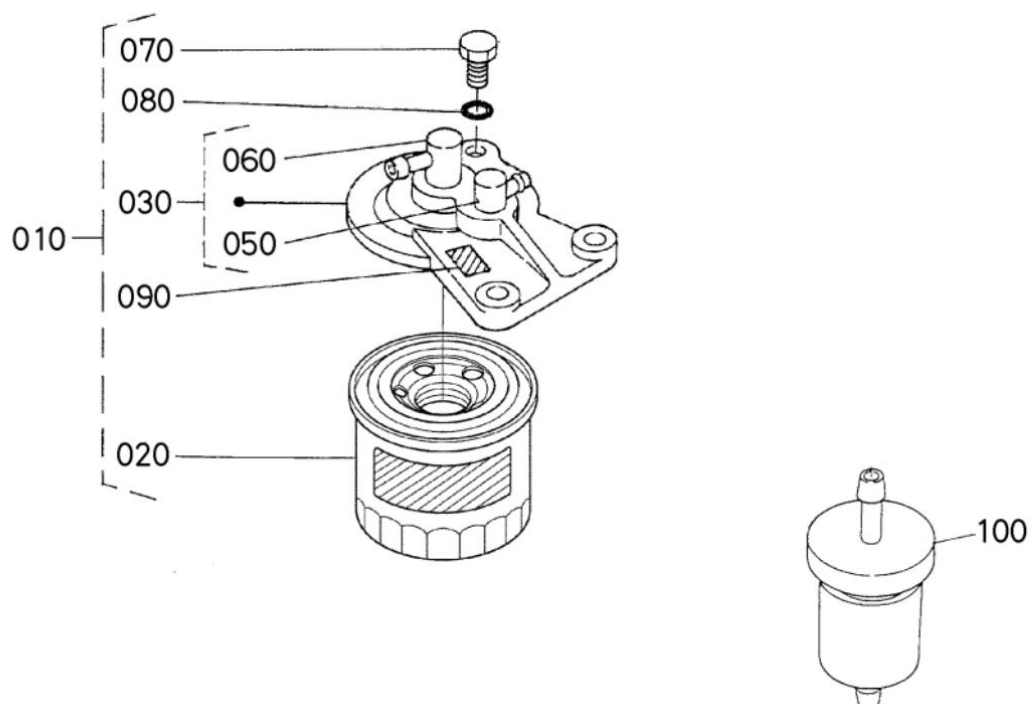
叉杆(调速器)  
FORK LEVER (GOVERNOR)

[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**B021**

燃油滤清器  
FUEL FILTER



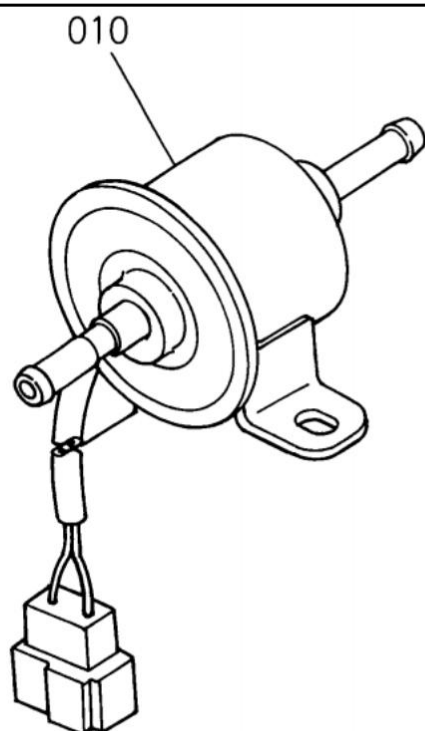
19099-179-14

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**B022**

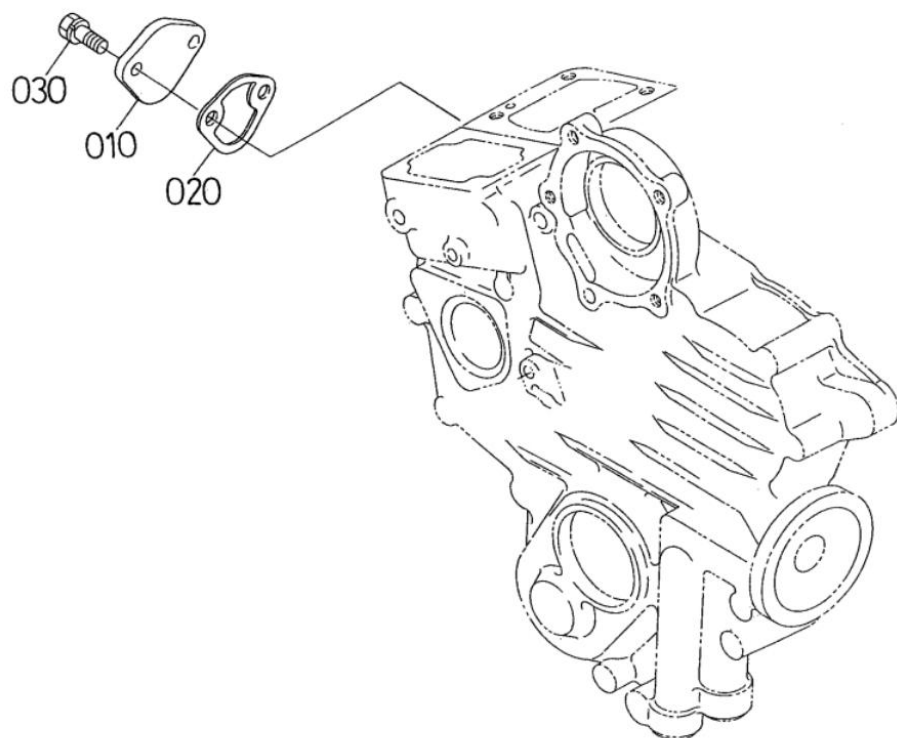
燃油泵（电磁式）  
FUEL PUMP (ELECTROMAGNETIC TYPE)

[illegible]

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**B023**

燃油泵盖  
FUEL PUMP COVER

[illegible]

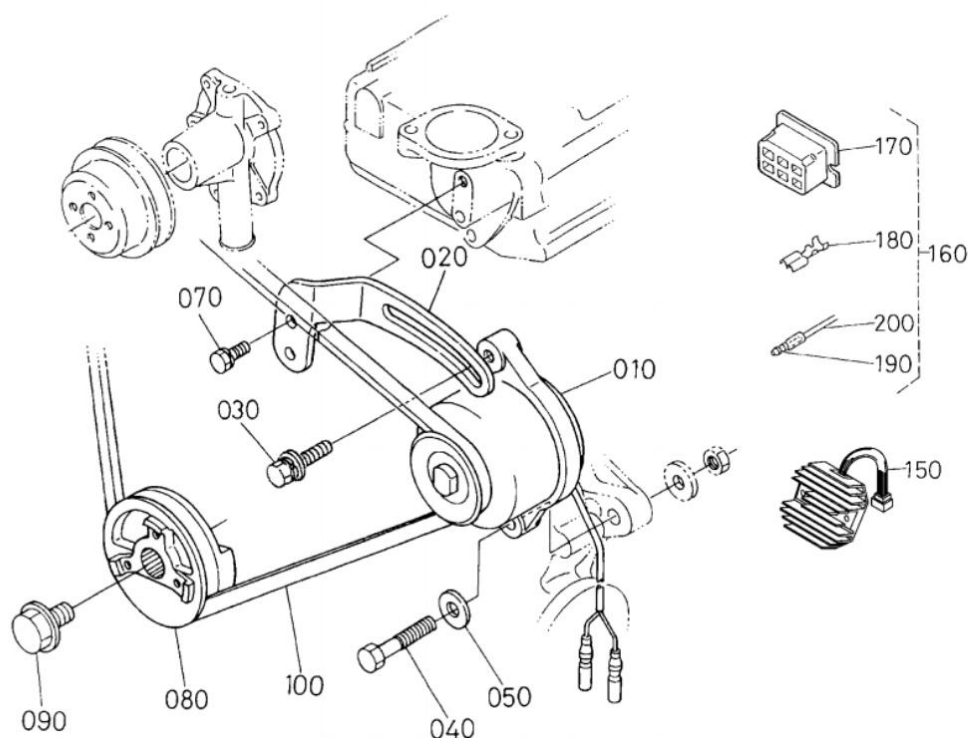
$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



**B025**

交流发电机/皮带轮

## OIL-WATER SEPARATOR [CONSTITUENT PARTS]

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

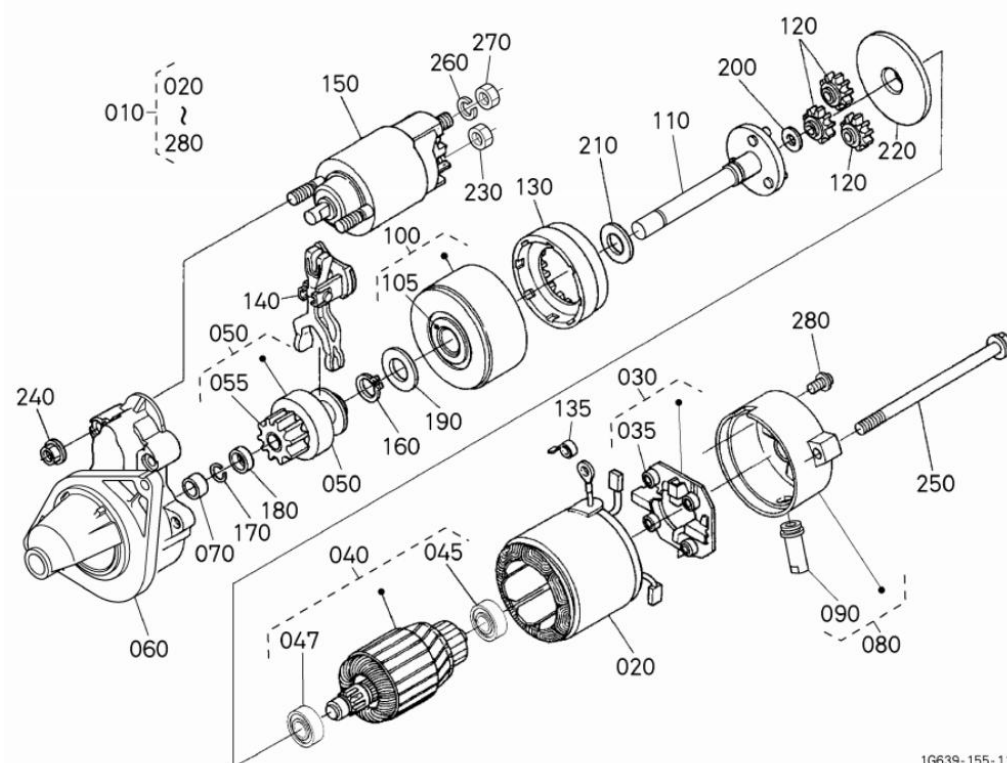




## B028

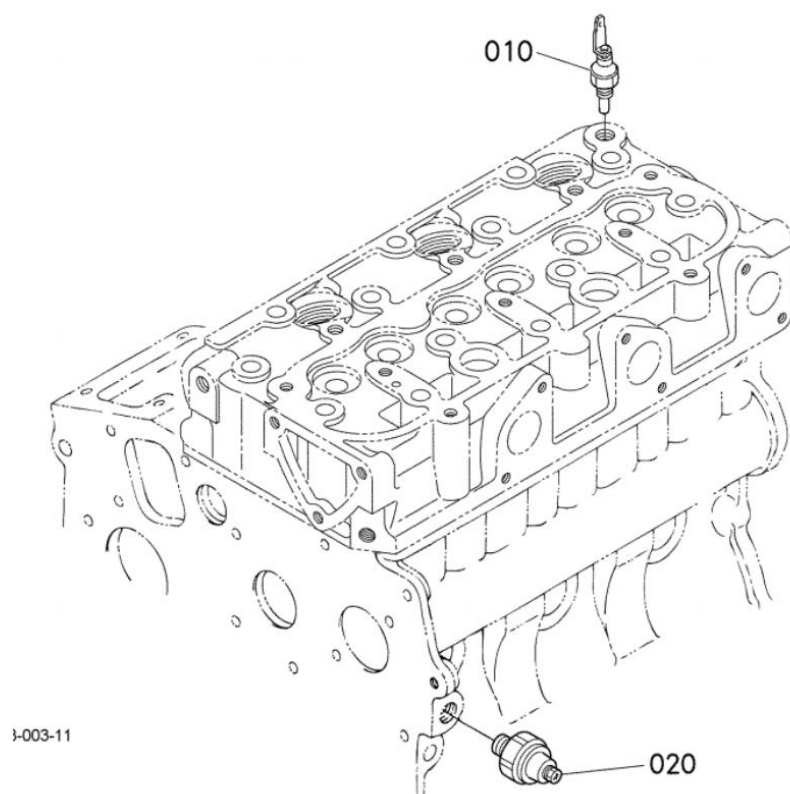
# 起动机 (组成部分)

## STARTER (COMPONENTS)



| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称      | PART NAME             | 数量<br>Q'TY/S.N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|-----------|-----------------------|----------------------|----------------------|---------------|
| 010           | LP1003020003-094 | 67980-31150     | 启动马达组件    | STARTER MOTOR         | 1                    |                      |               |
| 020           | LP1003020003-096 | 6A100-31160     | 起动装置总成轭   | STARTER ASSEMBLY YOKE | 1                    |                      |               |
| 030           | LP1003020003-097 | 14958-63380     | 固定器总成     | HOLDER ASSEMBLY       | 1                    |                      |               |
| 035           | LP1003020003-098 | 14958-63480     | 电刷弹簧      | BRUSH SPRING          | 4                    |                      |               |
| 040           | LP1003020003-099 | 6A100-31170     | 电机转子组件    | MOTOR ROTOR           | 1                    |                      |               |
| 045           | LP1003020003-100 | 15504-63530     | 球轴承       | BALL BEARING          | 1                    |                      |               |
| 047           | LP1003020003-101 | 15504-63500     | 球轴承       | BALL BEARING          | 1                    |                      |               |
| 050           | LP1003020003-102 | K3511-81430     | 起动装置总成离合器 | STARTER CLUTCH        | 1                    |                      |               |
| 055           | LP1003020003-103 | 17311-63280     | 小齿轮       | PINION                | 1                    |                      |               |
| 060           | LP1003020003-104 | 67980-31180     | 滑动壳总成     | SLIDING HOUSING       | 1                    |                      |               |
| 070           | LP1003020003-105 | 6A100-31190     | 轴承        | BEARING               | 1                    |                      |               |
| 080           | LP1003020003-106 | K3511-81450     | 框架组件      | FRAME ASSEMBLY        | 1                    |                      |               |
| 090           | LP1003020003-107 | 12182-63290     | 盖         | COVER                 | 1                    |                      |               |
| 100           | LP1003020003-108 | 14958-63530     | 轴承总成      | BEARING ASSEMBLY      | 1                    |                      |               |
| 105           | LP1003020003-109 | 14958-63060     | 轴承        | BEARING               | 1                    |                      |               |
| 110           | LP1003020003-110 | K3511-81460     | 起动装置总成轴   | STARTER SHAFT         | 1                    |                      |               |
| 120           | LP1003020003-111 | 14958-63260     | 齿轮        | GEAR                  | 3                    |                      |               |
| 130           | LP1003020003-112 | 14958-63270     | 齿轮        | GEAR                  | 1                    |                      |               |
| 135           | LP1003020004-319 | 15401-63390     | 炭刷弹簧      | CARBON BRUSH SPRING   | 4                    |                      |               |
| 140           | LP1003020003-113 | 14958-63050     | 操作杆       | OPERATING LEVER       | 1                    |                      |               |
| 150           | LP1003020003-114 | 12181-63080     | 开关组件      | SWITCH ASSEMBLY       | 1                    |                      |               |
| 160           | LP1003020003-115 | 14958-63170     | 按钮环       | KNOB RING             | 1                    |                      |               |
| 170           | LP1003020003-116 | 12181-63220     | 卡环        | RETAINING RING        | 1                    |                      |               |
| 180           | LP1003020003-117 | 13816-63460     | 轴环        | SHAFT COLLAR          | 1                    |                      |               |
| 190           | LP1003020003-118 | 14958-94010     | 平垫圈       | FLAT WASHER           | 1                    |                      |               |
| 200           | LP1003020003-119 | 14958-94020     | 平垫圈       | FLAT WASHER           | 1                    |                      |               |
| 210           | LP1003020003-120 | 14958-94030     | 平垫圈       | FLAT WASHER           | 1                    |                      |               |
| 220           | LP1003020003-121 | 14958-94040     | 板         | PLATE                 | 1                    |                      |               |
| 230           | LP1003020004-330 | 16611-92020     | 螺母        | NUT                   | 1                    |                      |               |
| 240           | LP1003020003-122 | 14278-92010     | 螺母        | NUT                   | 2                    |                      |               |

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

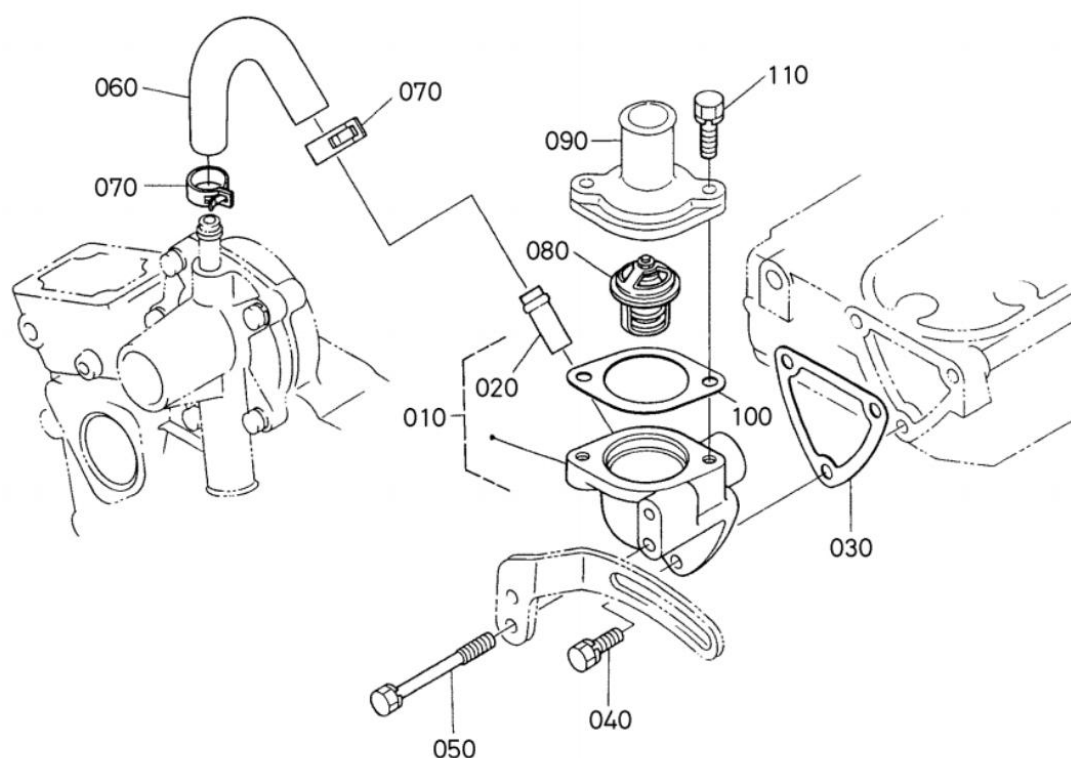
[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

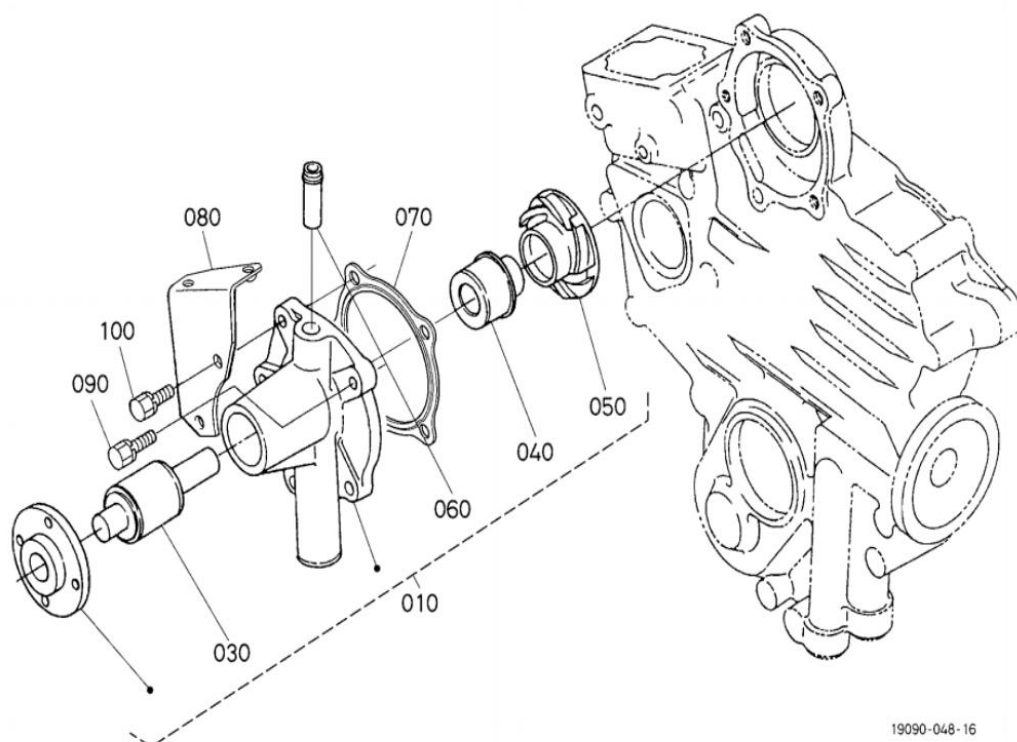
**B030**

### 进出水法兰和节温器

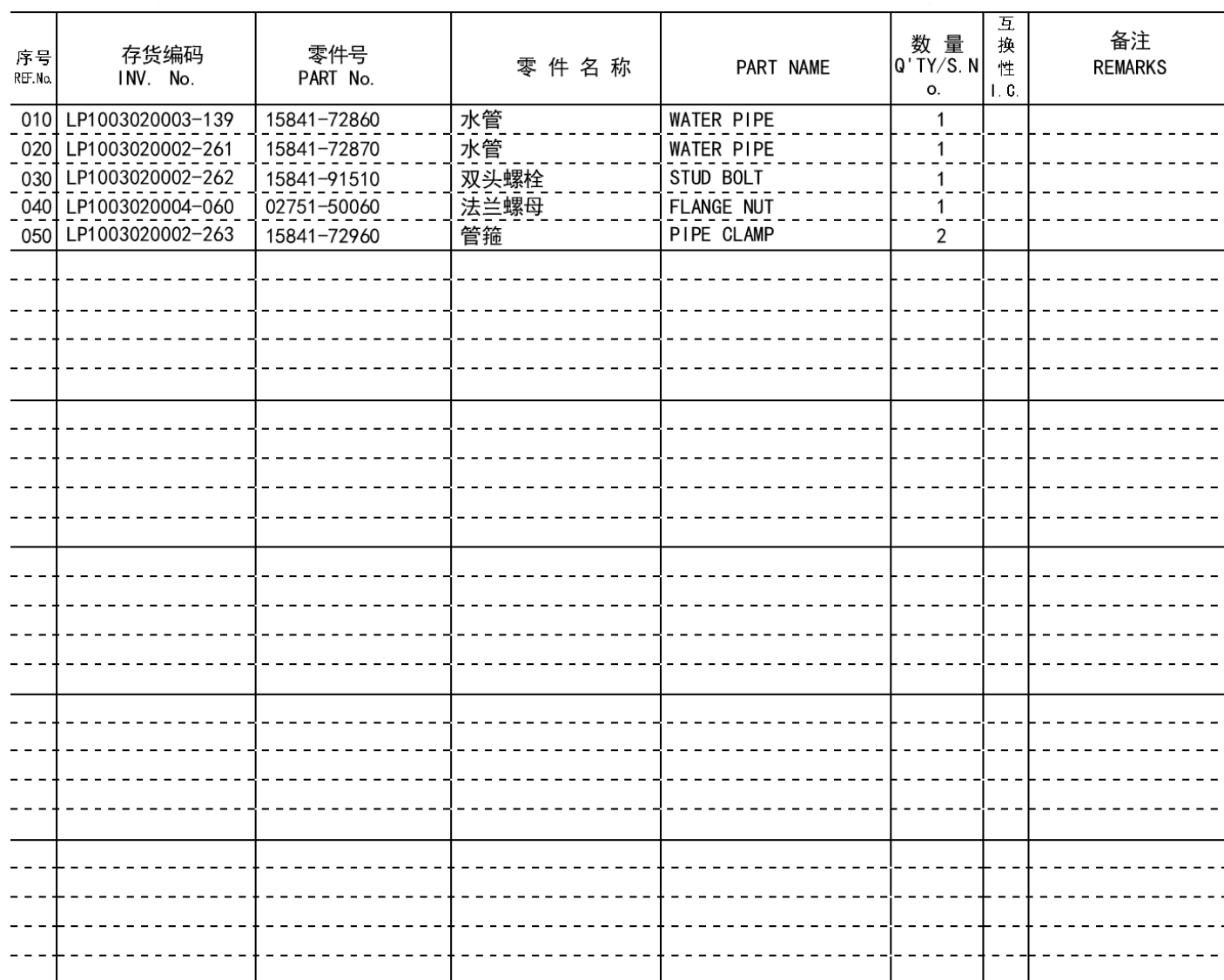
## WATER INLET/OUTLET FLANGE AND THERMOSTAT

[illegible]

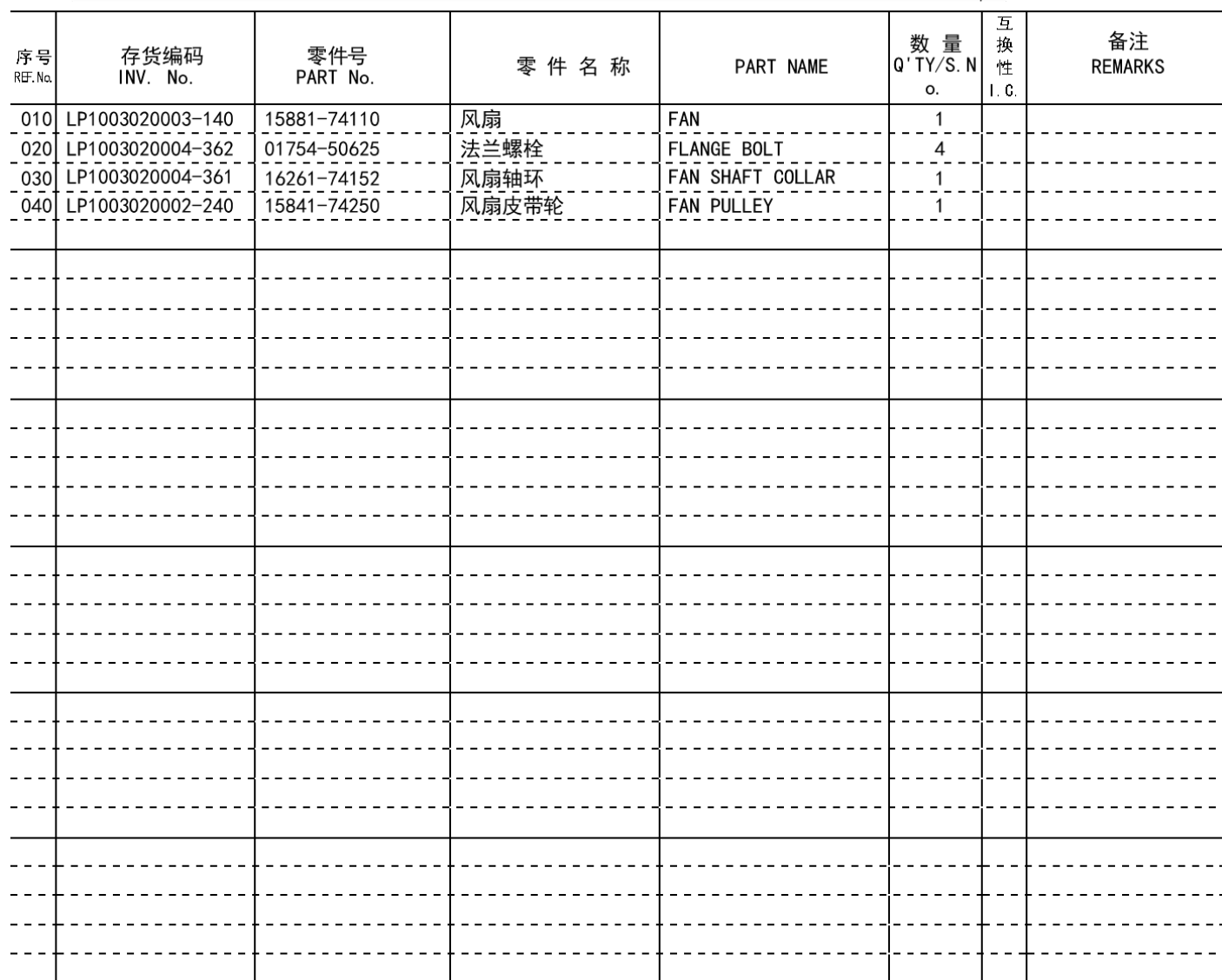
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[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



46

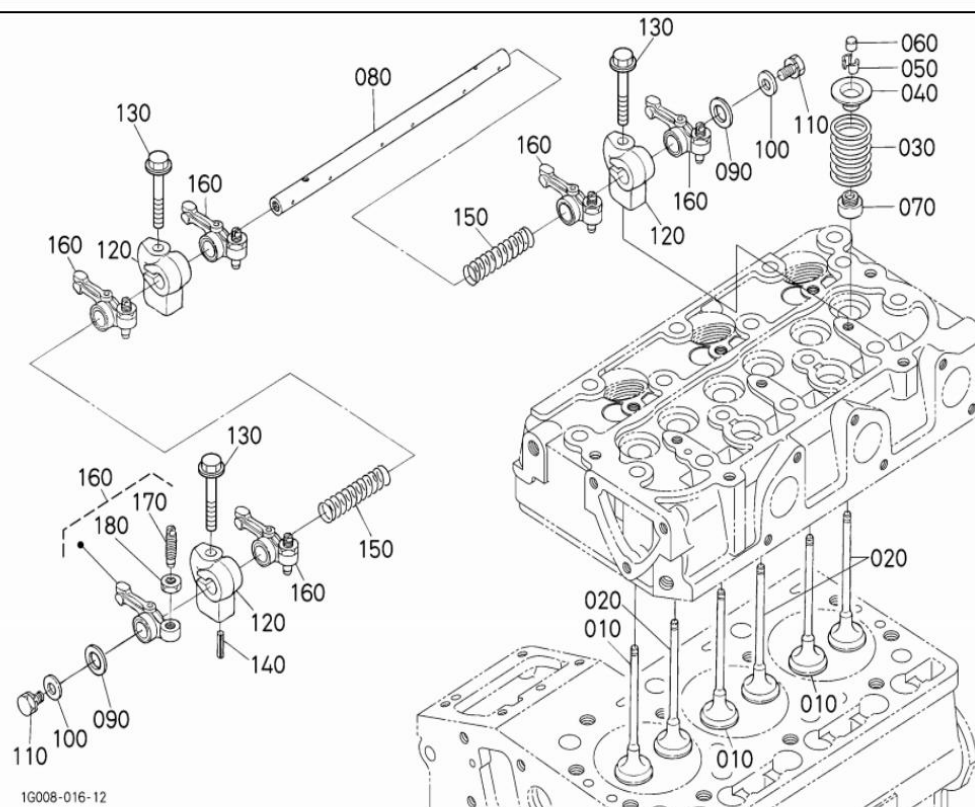


47

**B034**

## 气门和摇臂

## VALVE AND ROCKER ARM

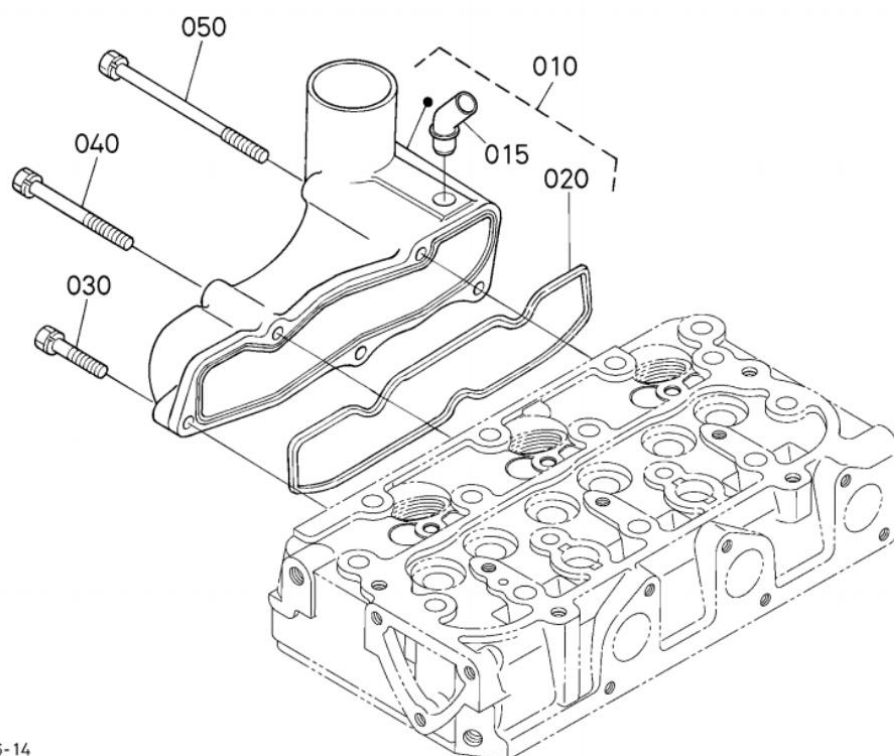
[illegible]

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



**B035**

进气歧管  
INTAKE MANIFOLD



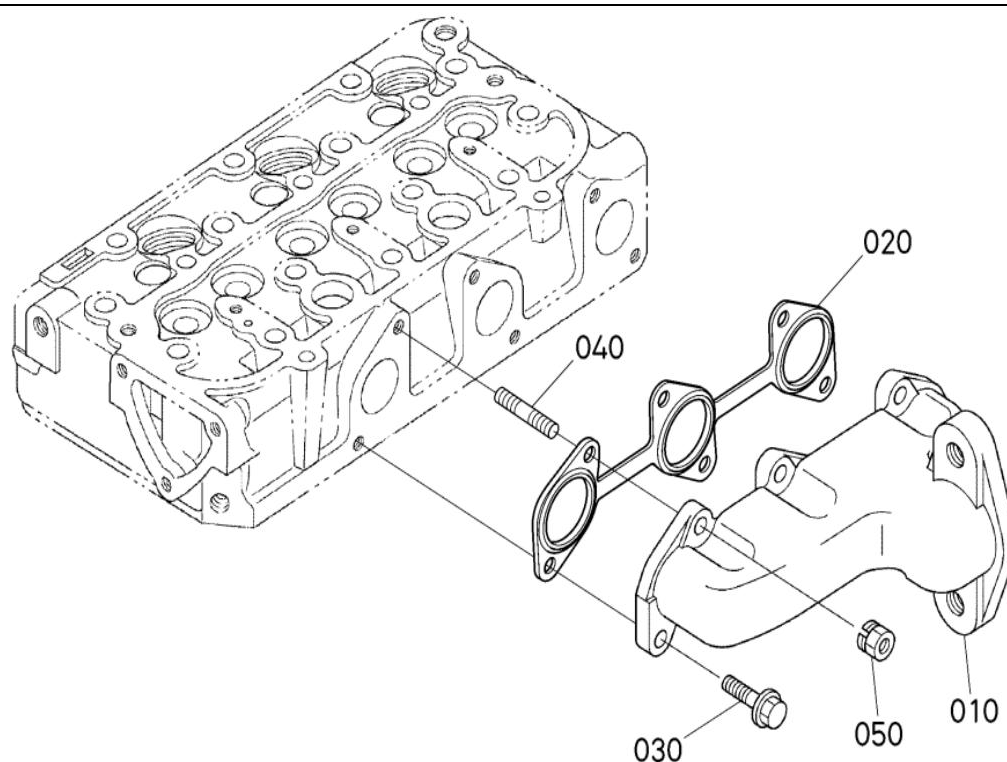
386-006-14

[illegible]

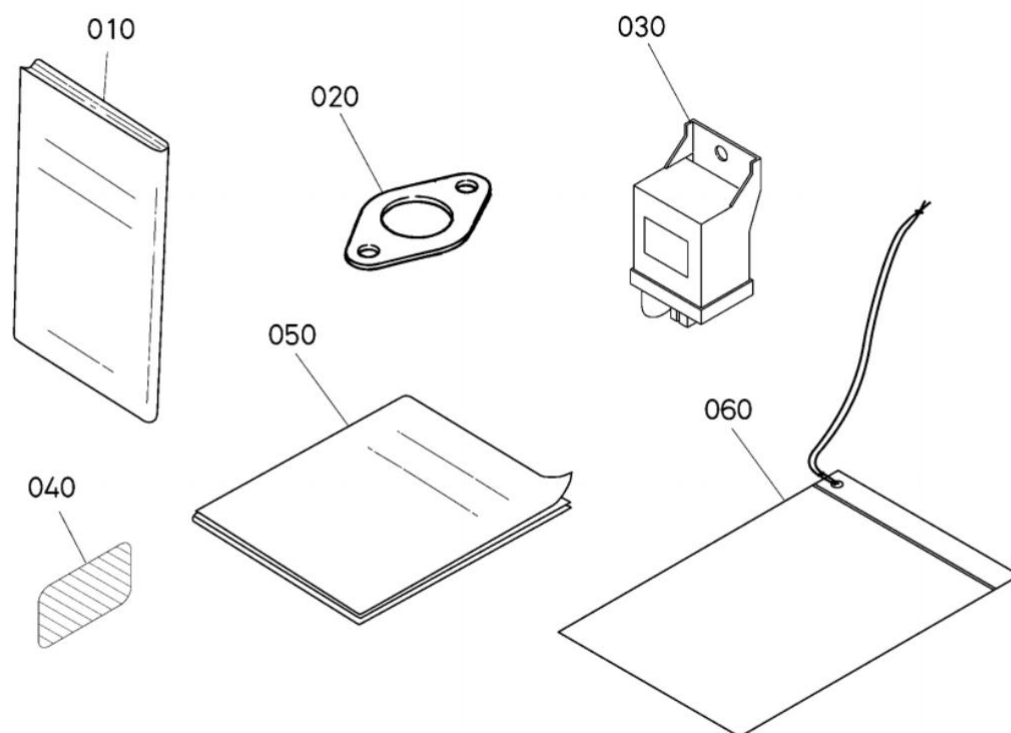
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**B036**

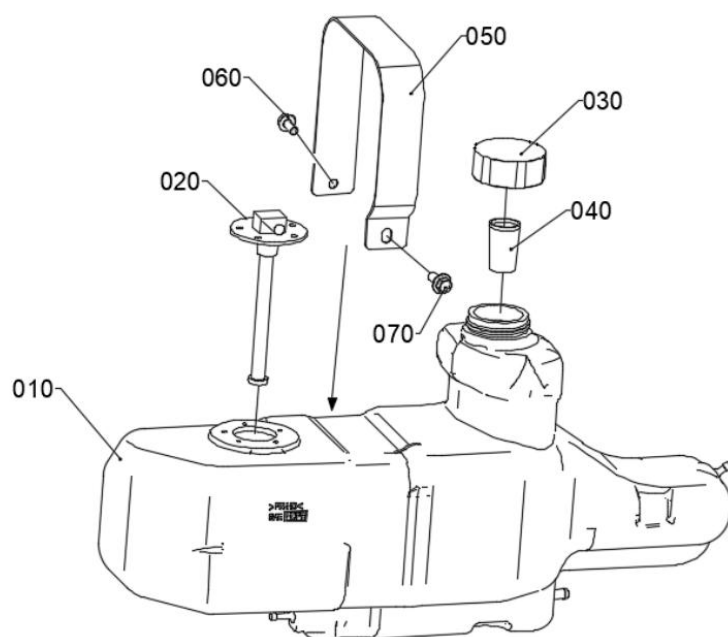
排气歧管  
EXHAUST MANIFOLD

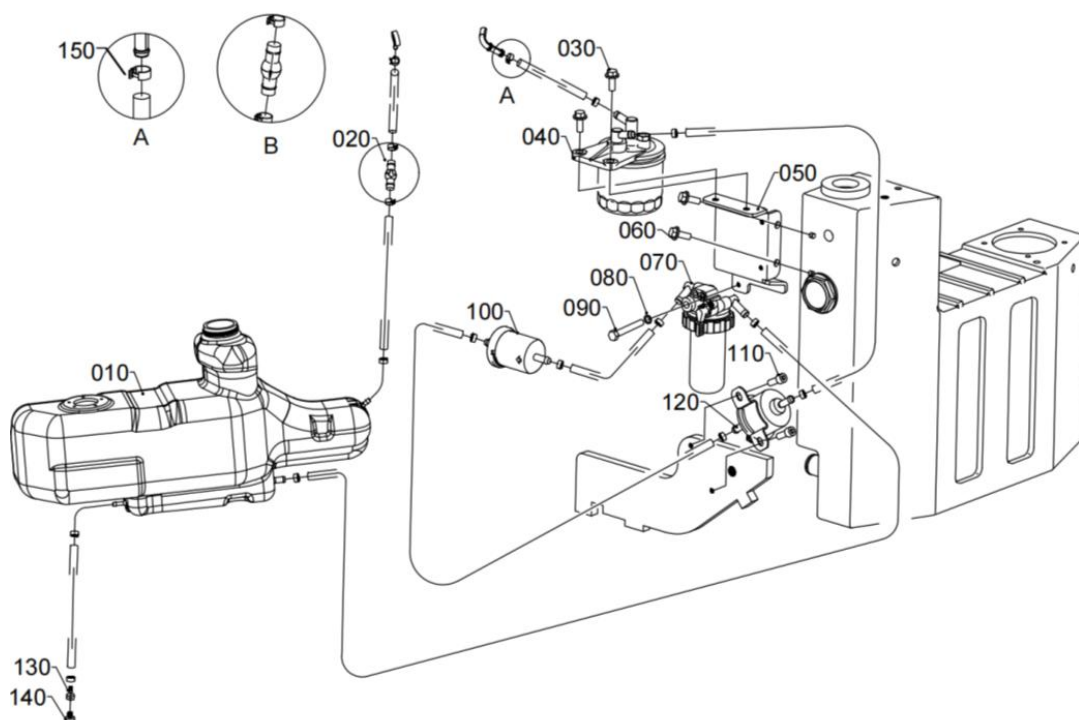
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

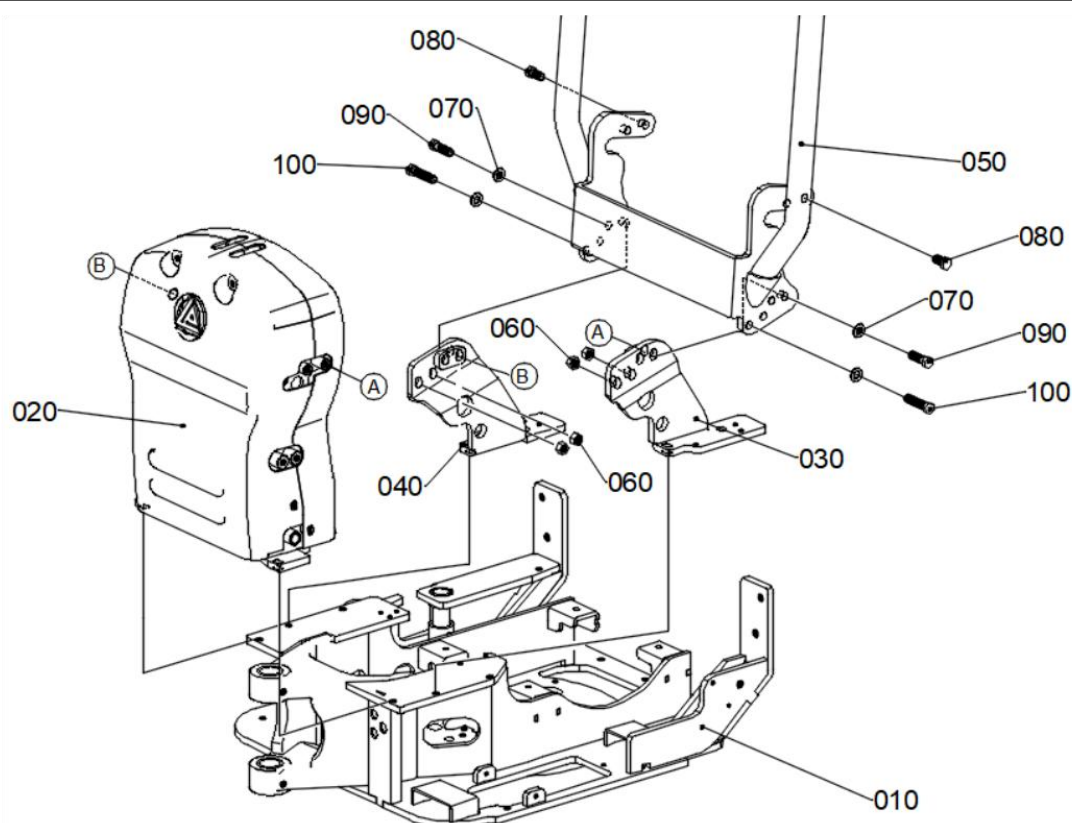
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

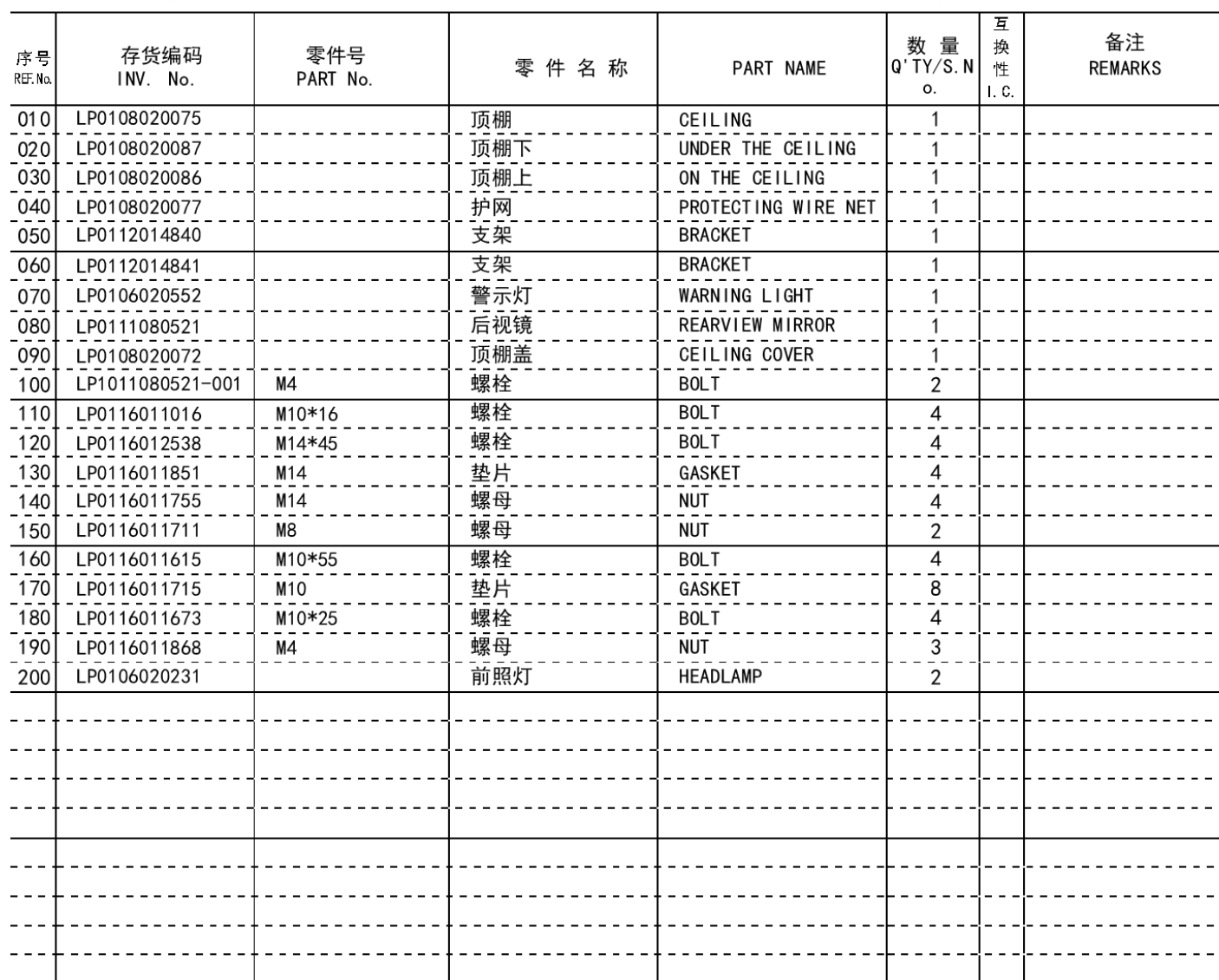
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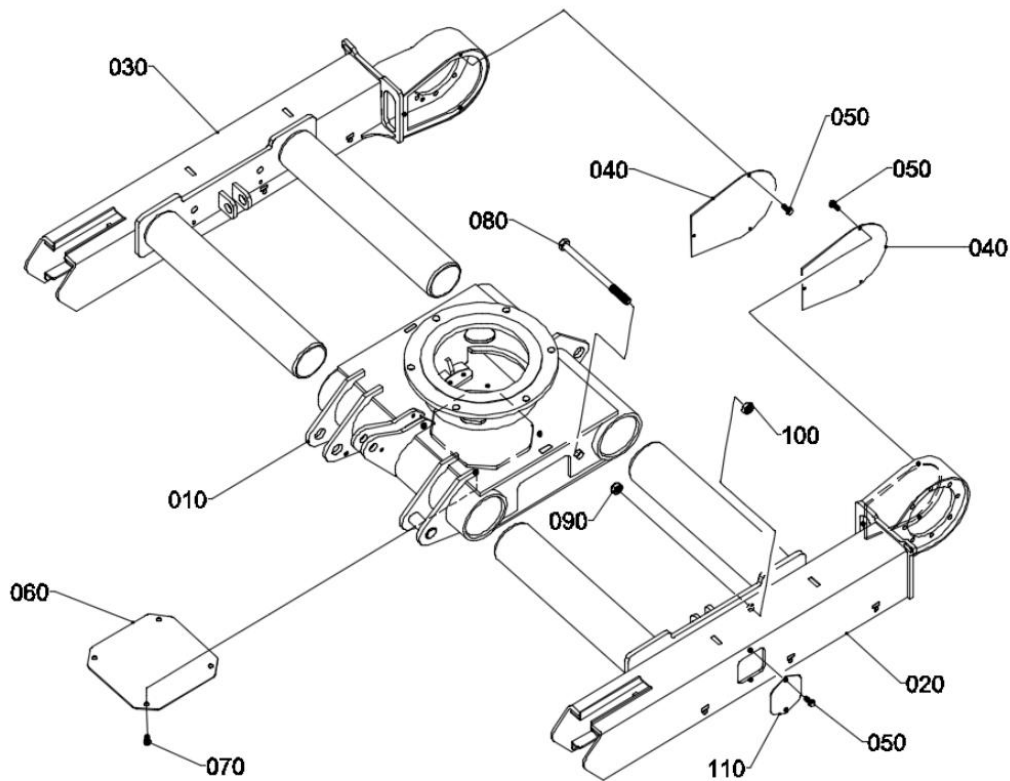
[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

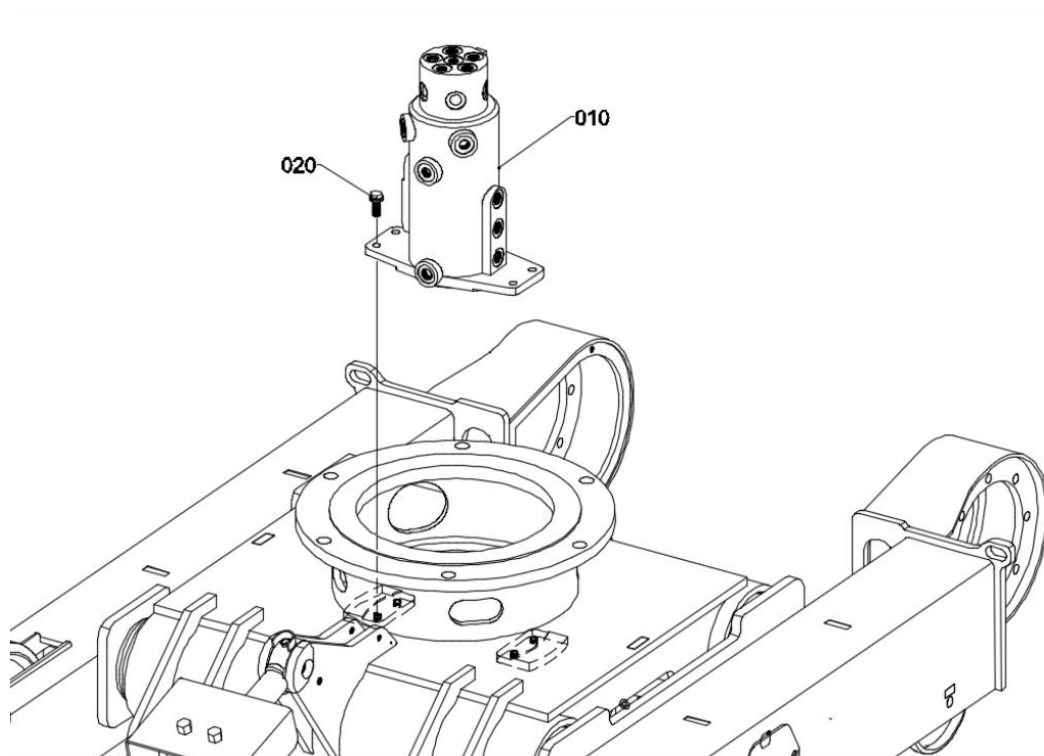
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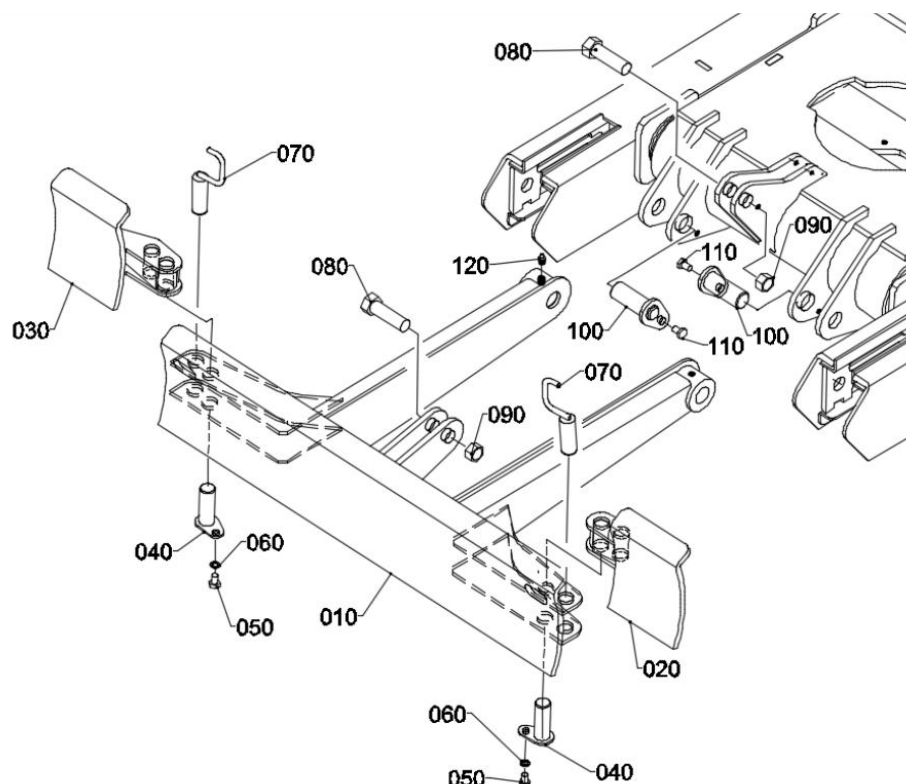


[illegible]

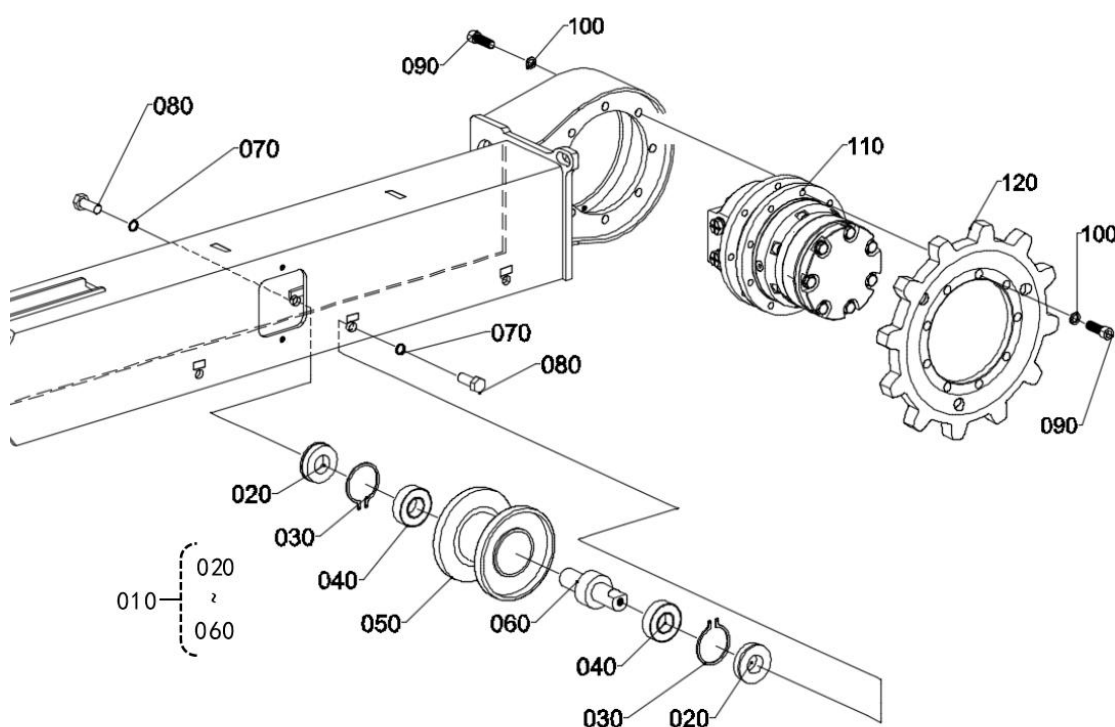
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[illegible]

[illegible]

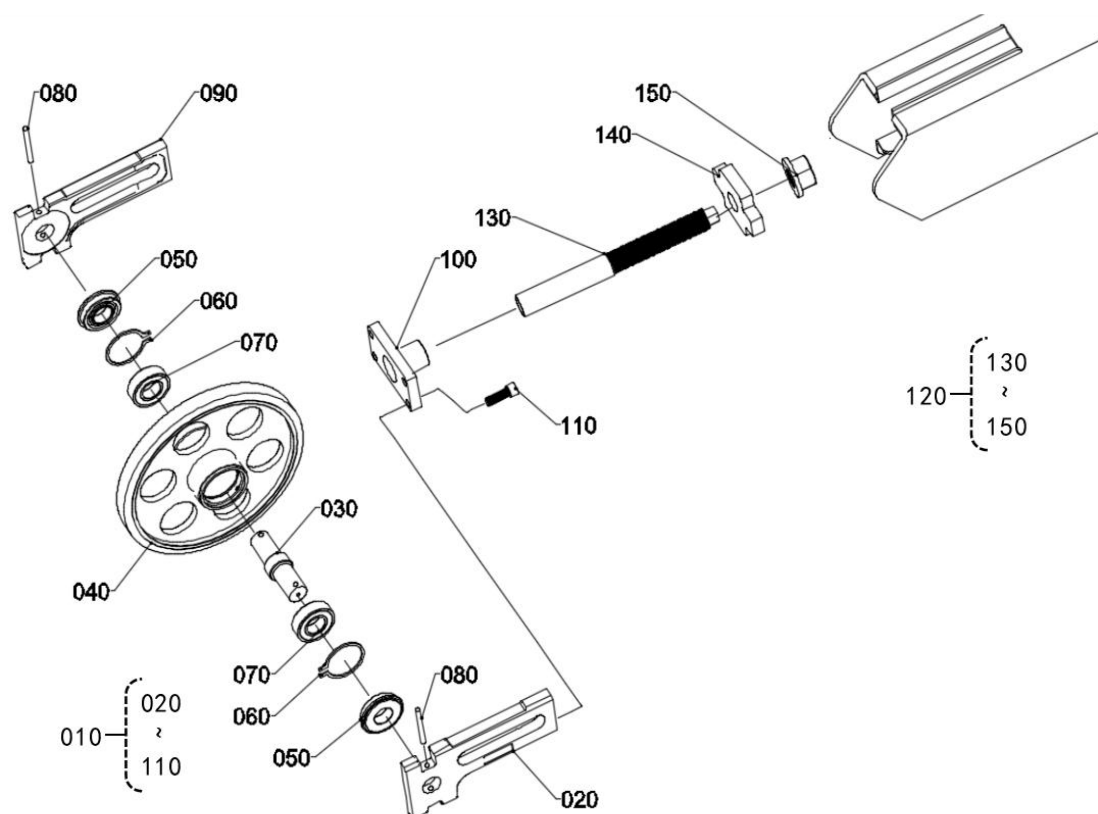
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[illegible]

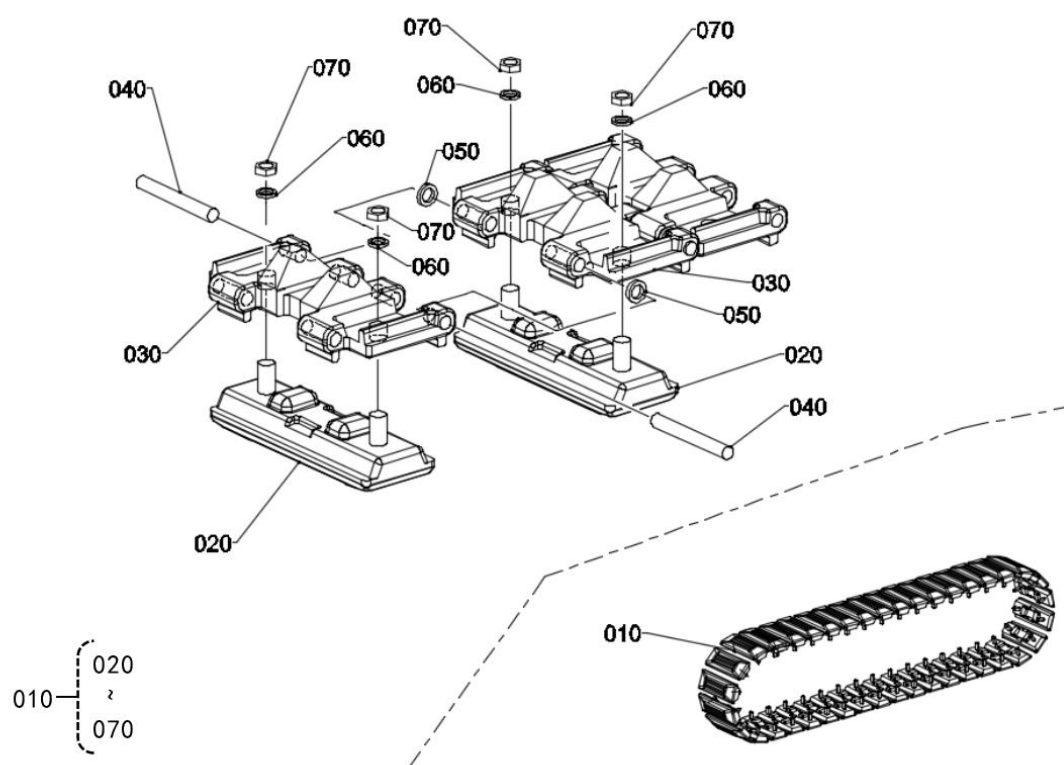
$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

## E005

引导轮  
IDLER WHEEL

[illegible]

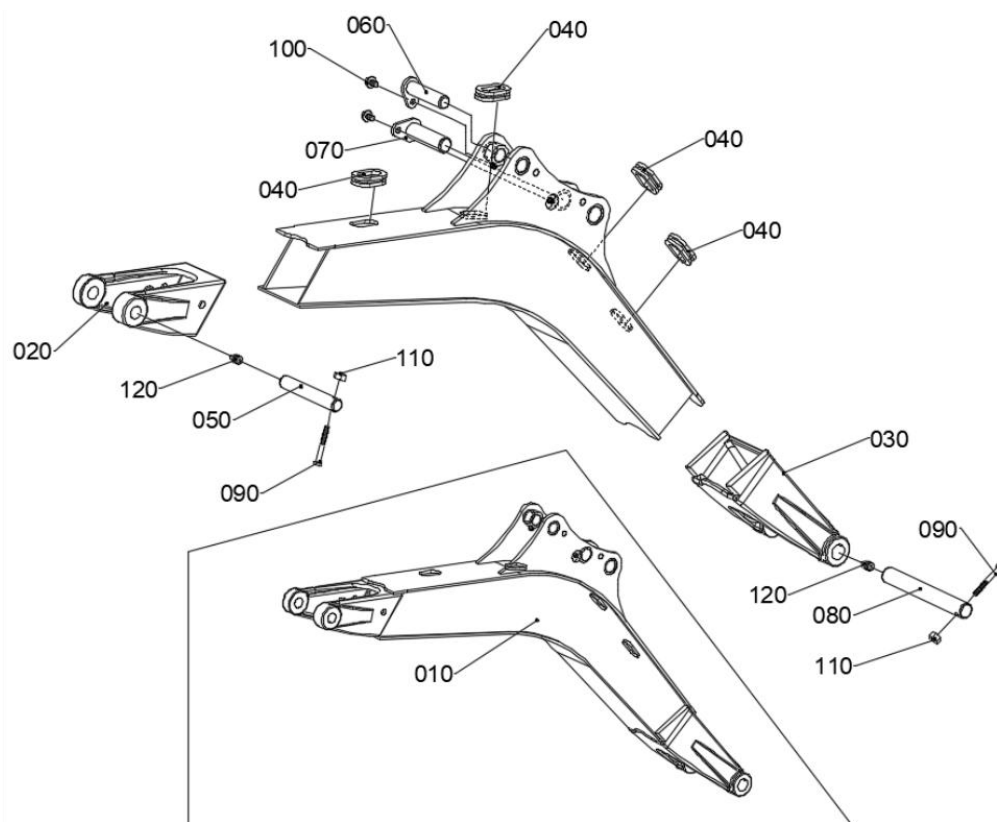
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[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

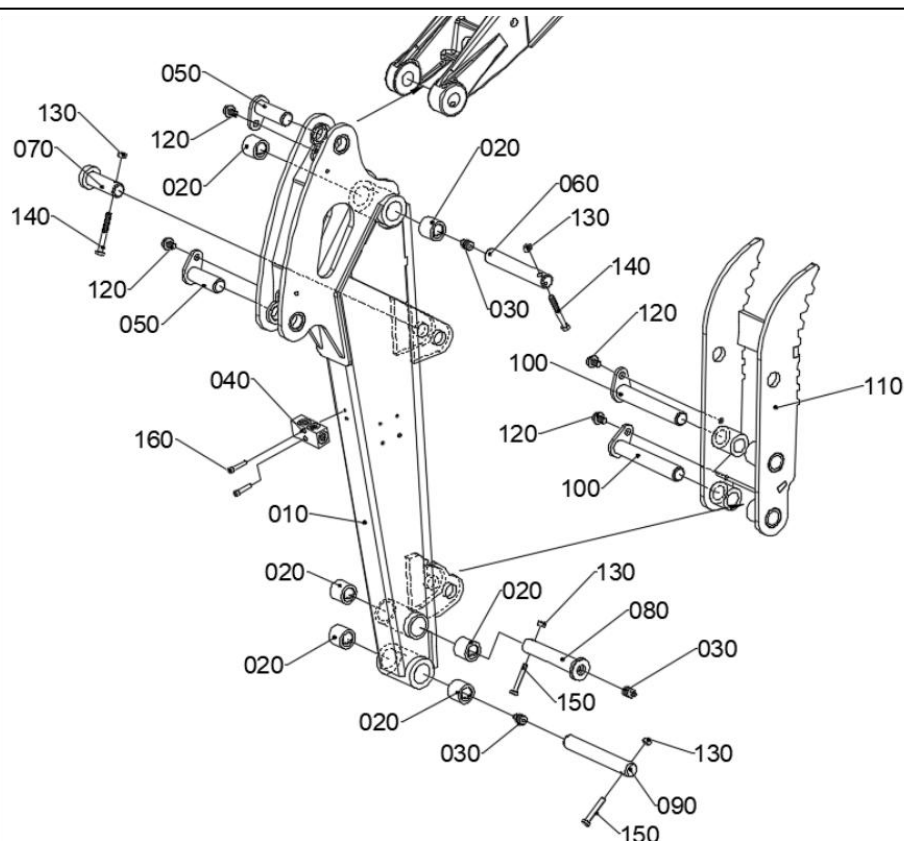
**F001**

工作装置（动臂）  
WORK DEVICE (BOOM)

[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

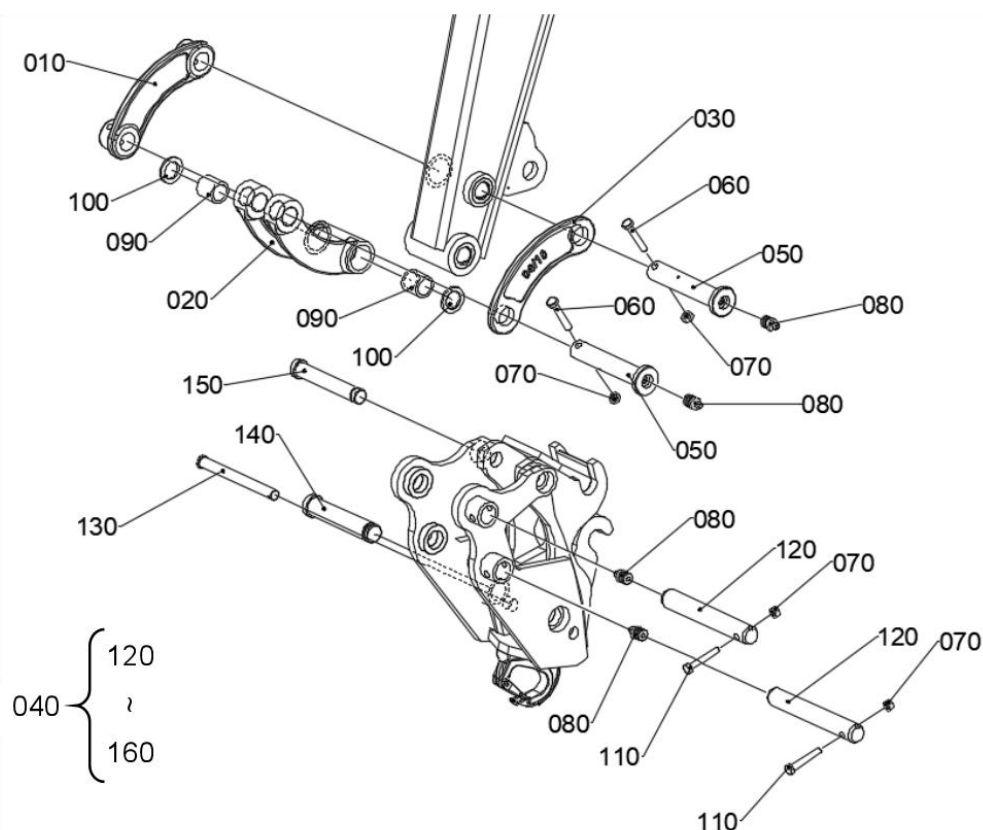
工作装置（斗杆）  
WORK DEVICE (BUCKET ROD)

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**F003**

工作装置（连遥杆和快换）  
WORK DEVICE (CONNECTING ROD & QUICK-CHANGE)

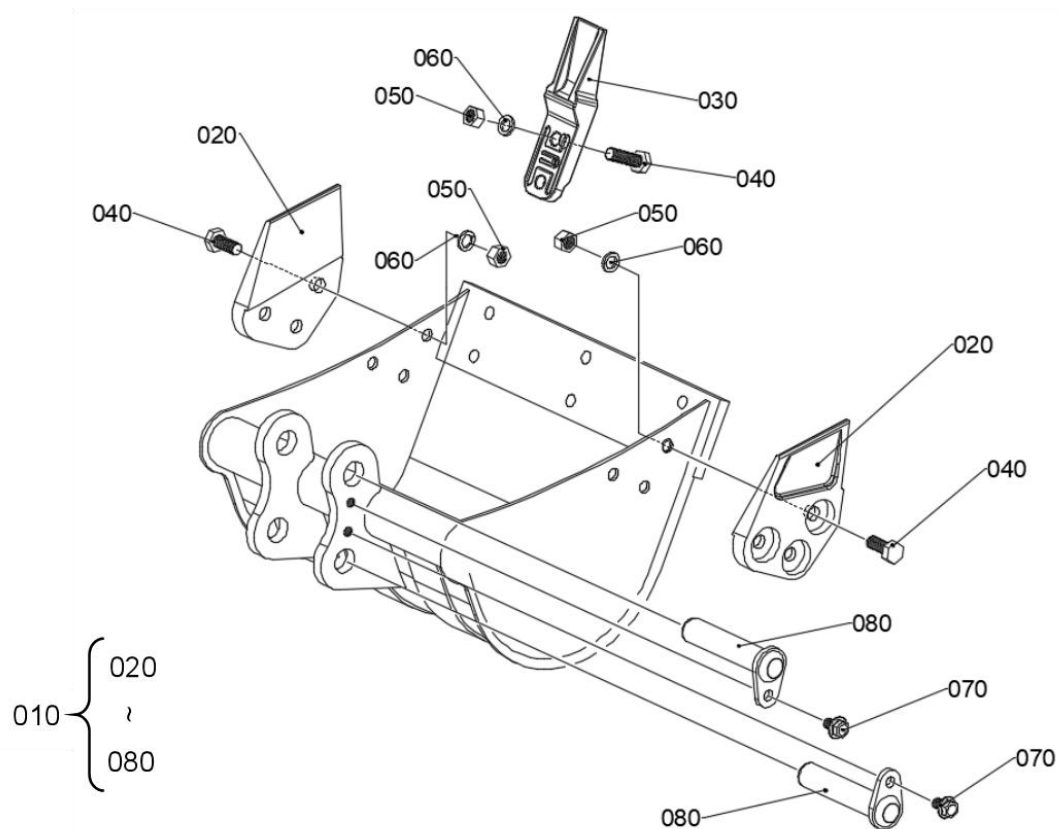
[illegible]

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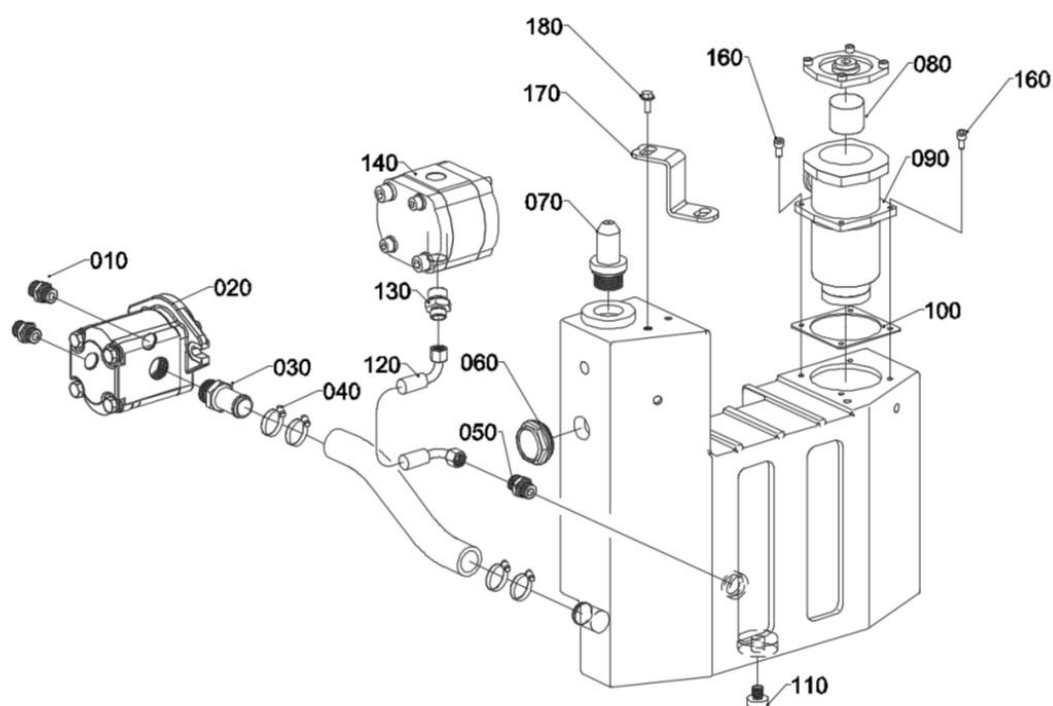


## F004

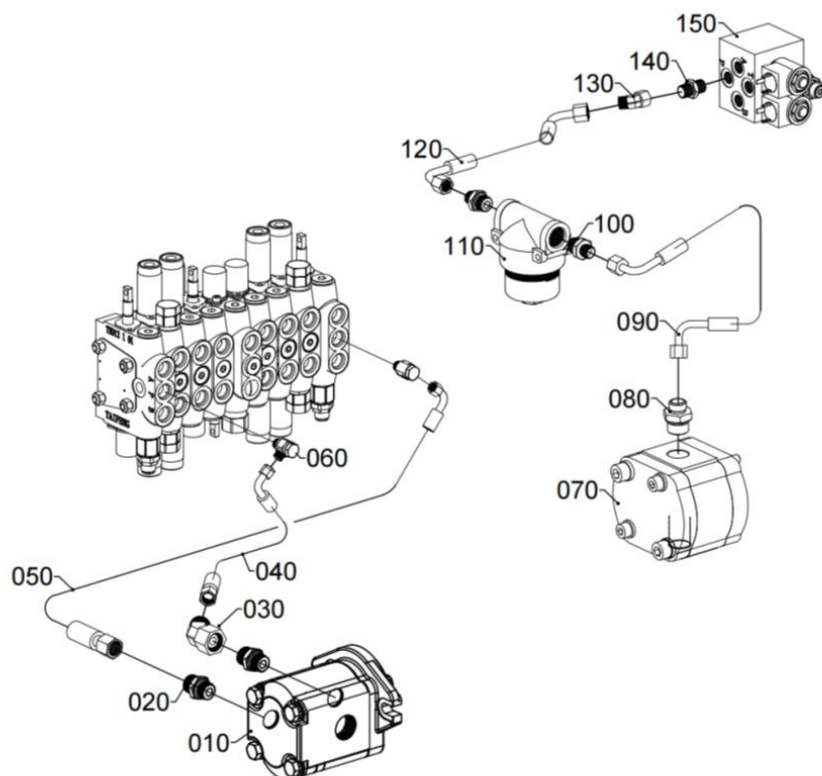
工作装置（挖斗）  
WORK DEVICE (BUCKET)

[illegible]

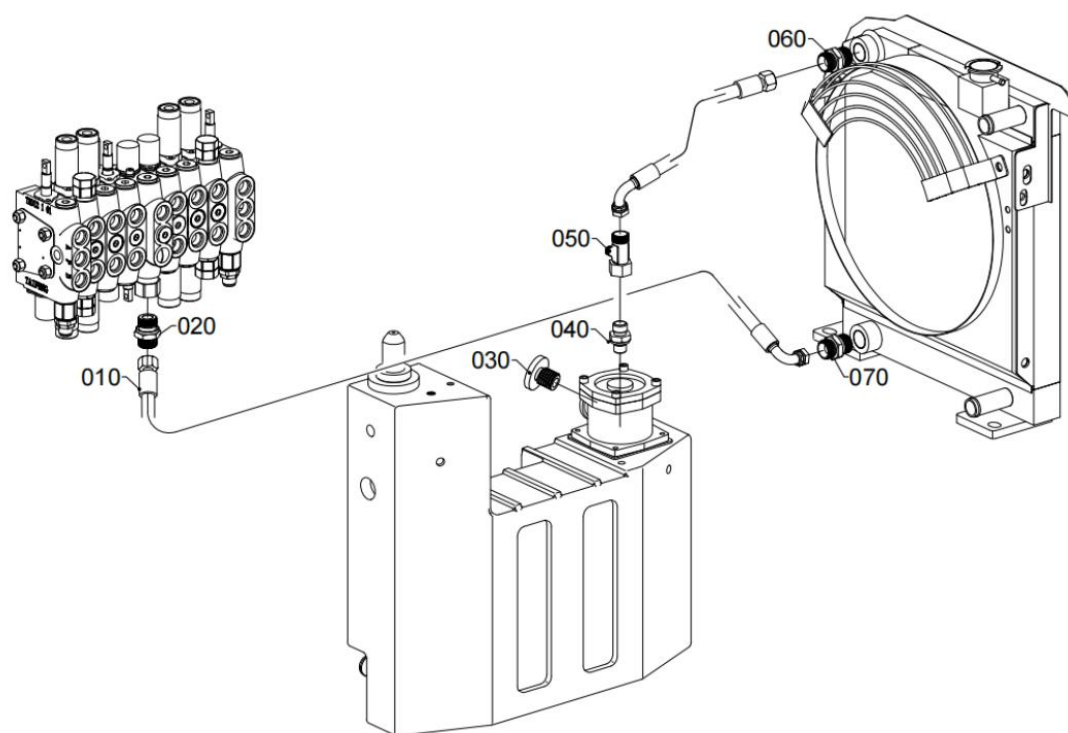
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[illegible]

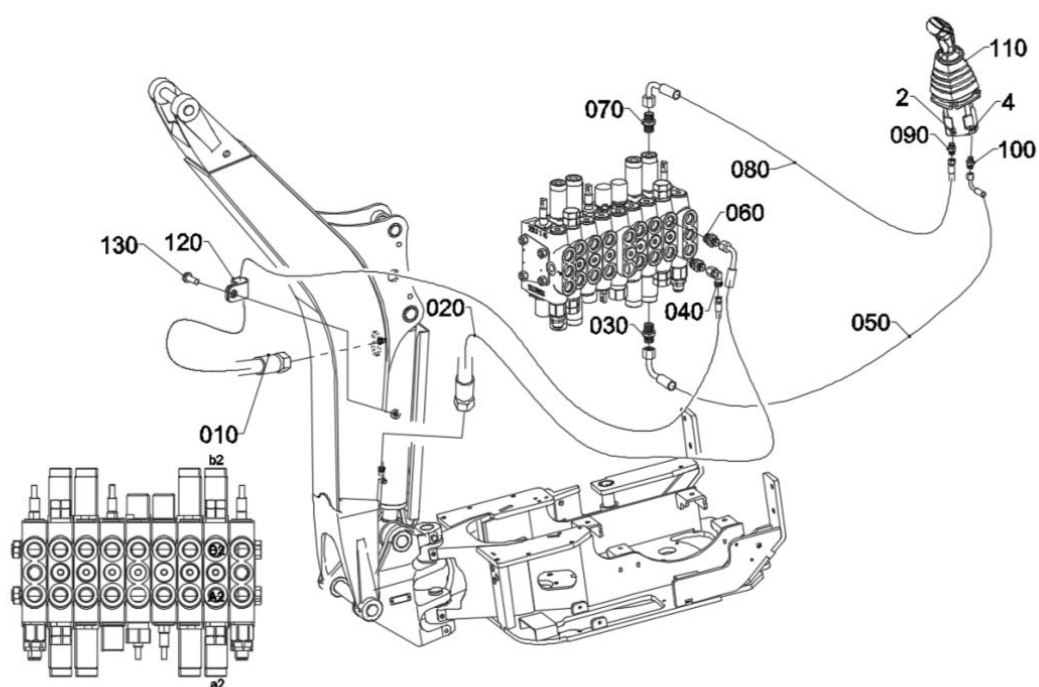
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[illegible]

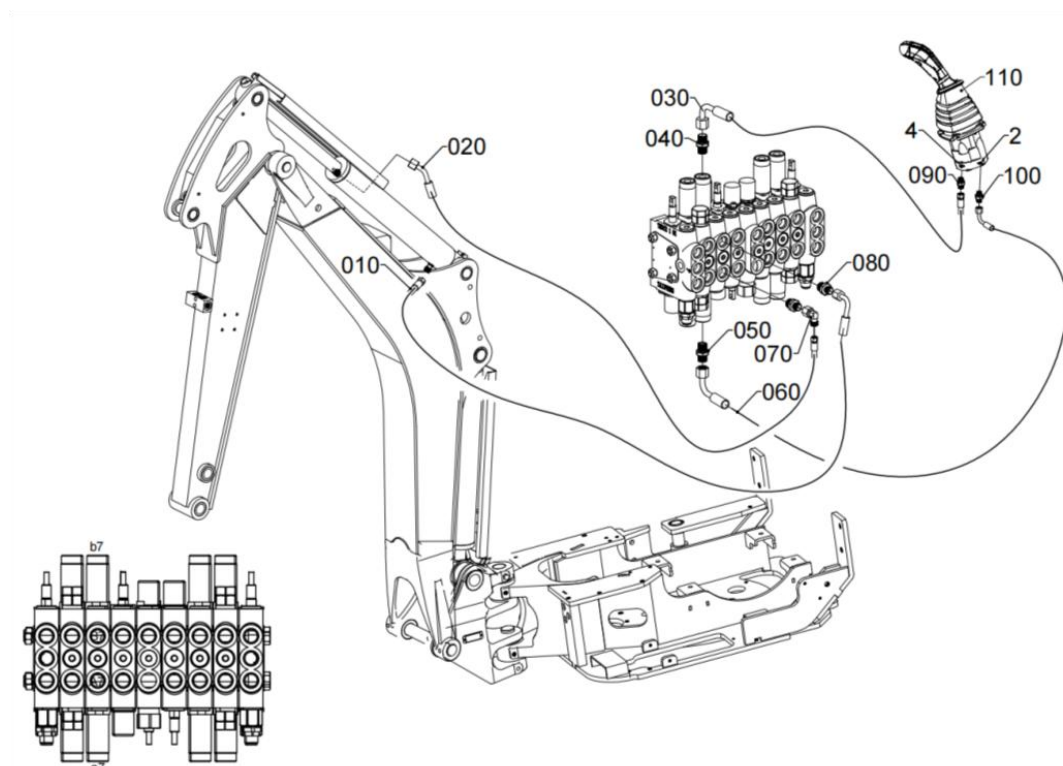
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[illegible]

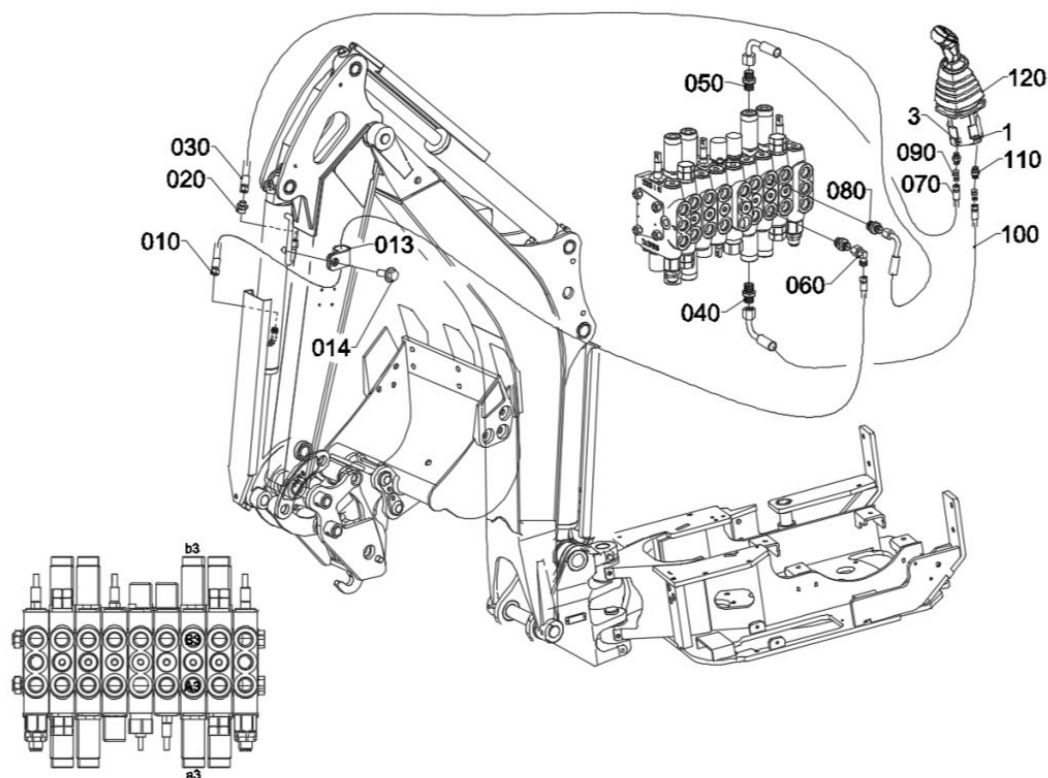
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[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

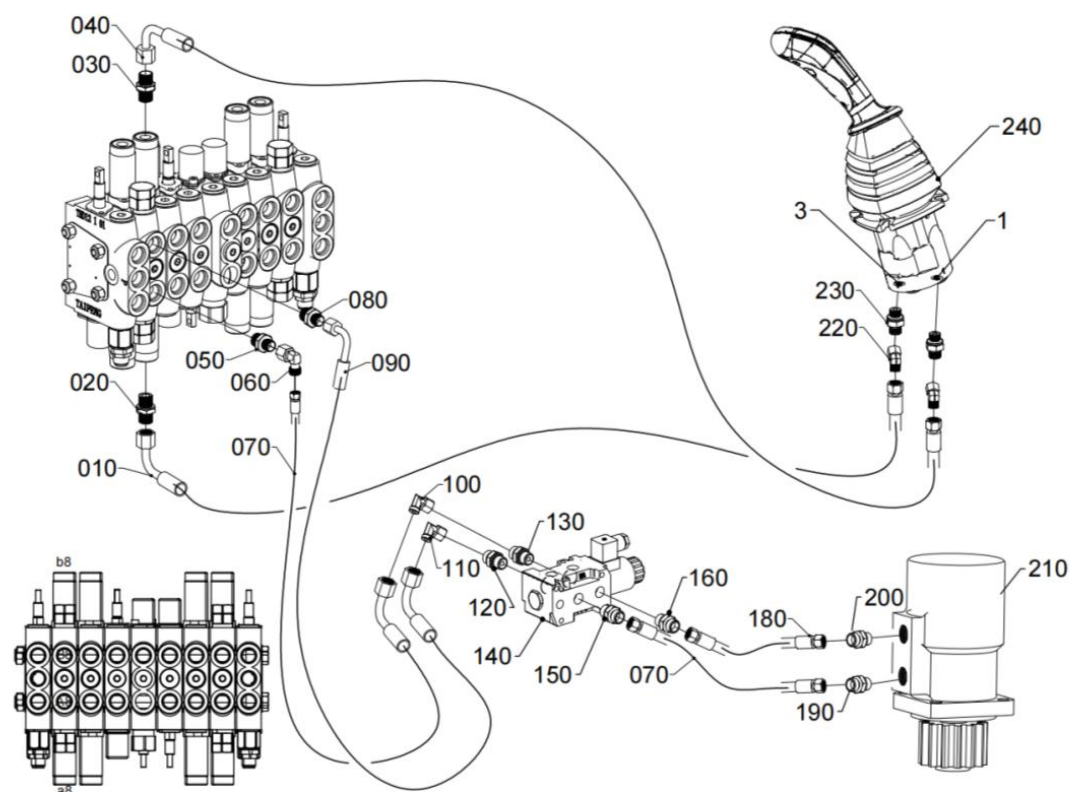
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

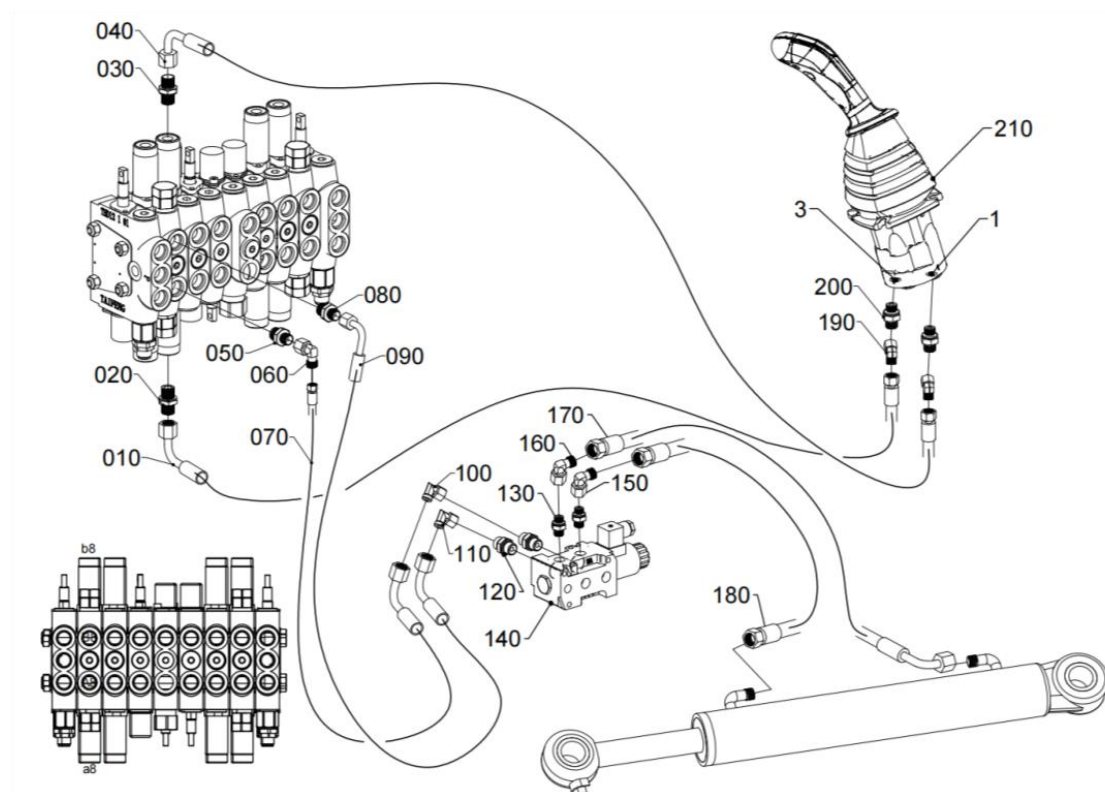
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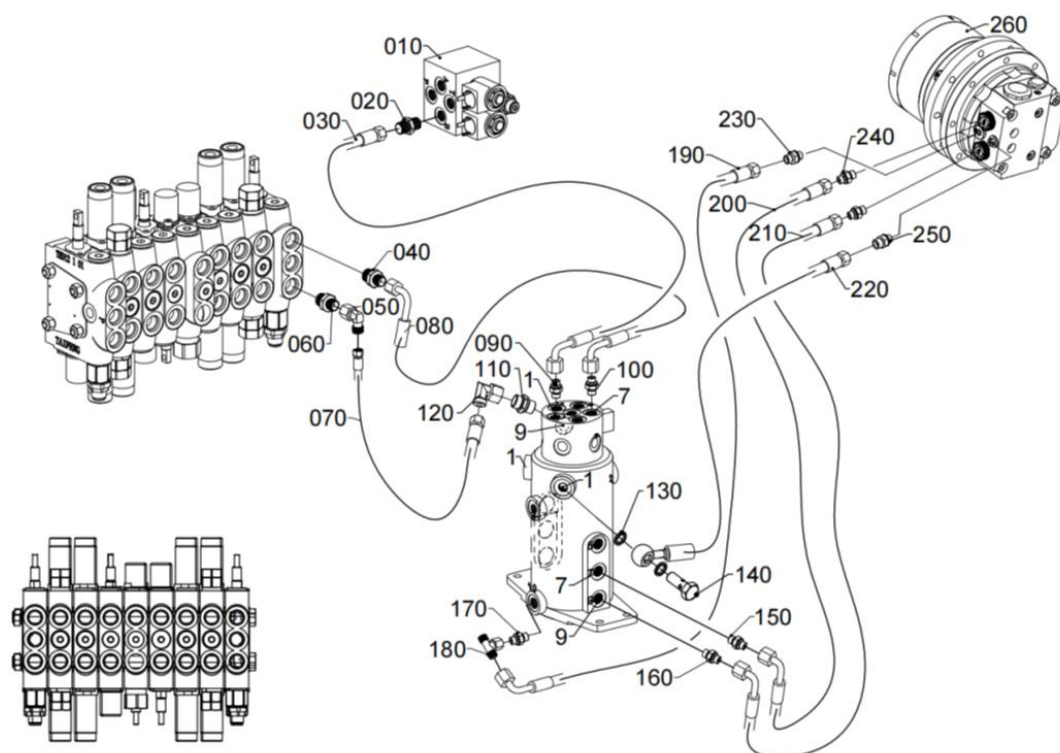
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

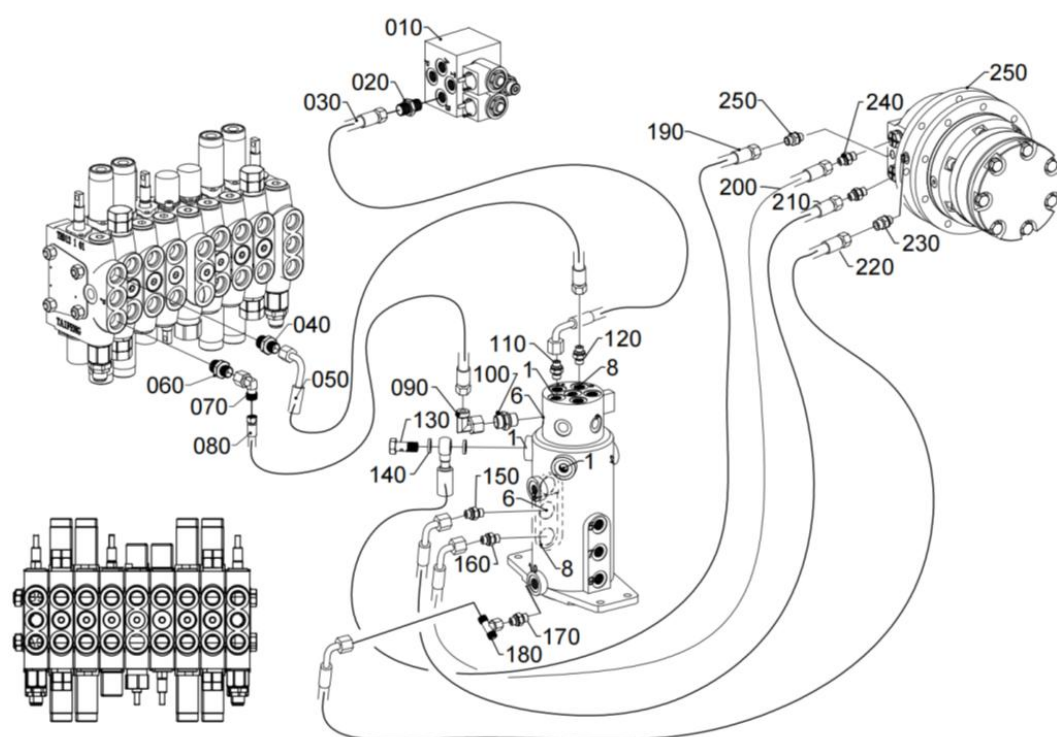


[illegible]

$\Leftrightarrow$  可互换 :  $\neq$  不可互换 :  $\leftarrow$  以新换旧 :  $\rightarrow$  以旧换新

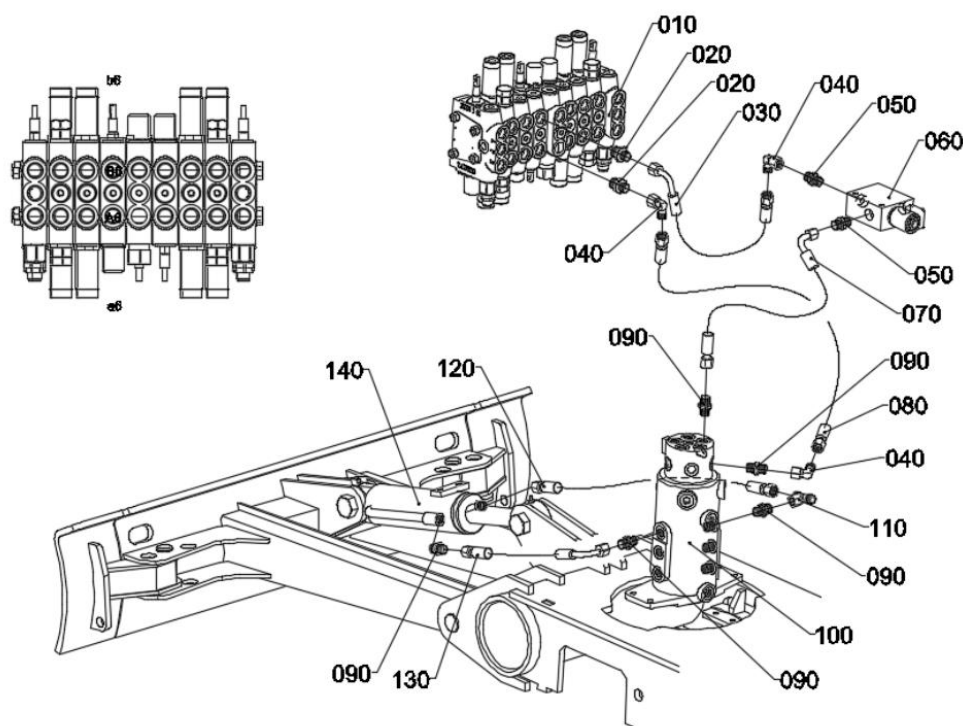
[illegible]

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



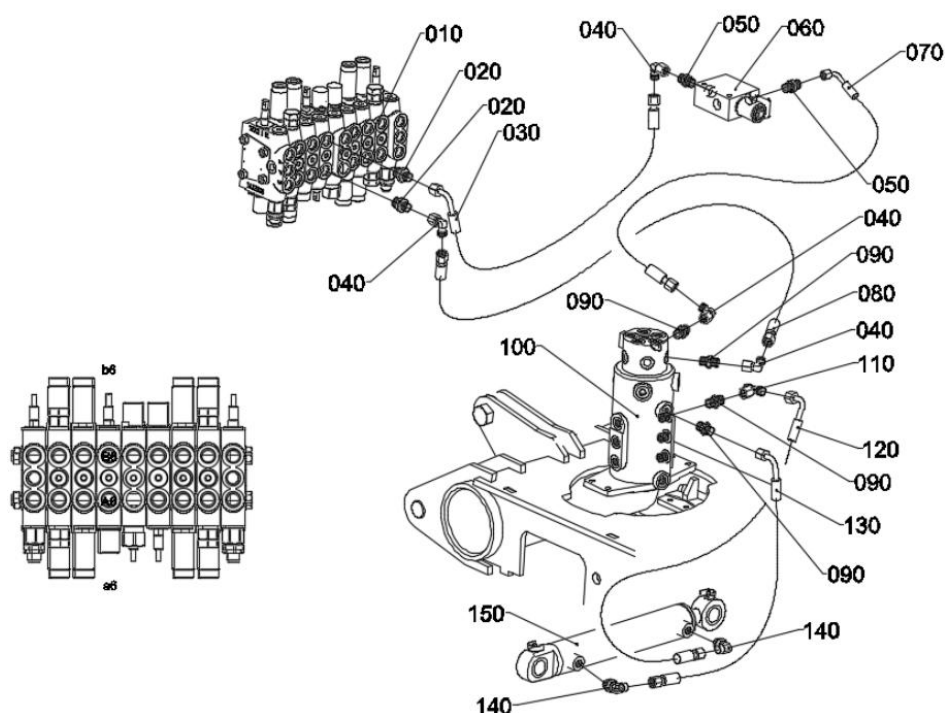
| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零 件 名 称 | PART NAME            | 数 量<br>Q'TY/S. N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS     |
|----------------|------------------|-----------------|---------|----------------------|------------------------|----------------------|-------------------|
| 010            | LP0115030062     |                 | 阀       | VALVE                | 1                      |                      |                   |
| 020            | LP0115020371     | 1/4ED*14H       | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 030            | LP0115022025     | 6*1*870         | 油管      | OIL PIPE             | 1                      |                      | Z-W90 · 14H-0     |
| 040            | LP0115021488     | 3/8*14H         | 对丝      | JOINT, PIPE          | 1                      |                      | RETAINING RING    |
| 050            | LP0115021971     | 6*2*550         | 油管      | OIL PIPE             | 1                      |                      | Z-W90 · 14H-0     |
| 060            | LP0115021488     | 3/8*14H         | 对丝      | JOINT, PIPE          | 1                      |                      | RETAINING RING    |
| 070            | LP0115020844     | 14H             | 直角活螺母   | RIGHT-ANGLE NUT      | 1                      |                      |                   |
| 080            | LP0115022026     | 6*2*600         | 油管      | OIL PIPE             | 1                      |                      | Z-W45 · 14H-0     |
| 090            | LP0115020374     | 14ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 100            | LP0115020844     | 14H             | 直角活螺母   | RIGHT-ANGLE NUT      | 1                      |                      |                   |
| 110            | LP0115021546     | 12ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 120            | LP0115020374     | 14ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 130            | LP0115020705     | M12             | 空心螺丝    | HOLLOW BOLT          | 1                      |                      |                   |
| 140            | LP0116011120     | 12              | 组合垫     | COMBINATION GASKET   | 2                      |                      |                   |
| 150            | LP0115020374     | 14ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 160            | LP0115020374     | 14ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 170            | LP0115020374     | 14ED*14H        | 对丝      | JOINT, PIPE          | 1                      |                      |                   |
| 180            | LP0115021568     | M14             | 三通      | THREE-WAY CONNECTION | 1                      |                      | MIDDLE MOTHER     |
| 190            | LP0115022027     | 6*1*780         | 油管      | OIL PIPE             | 1                      |                      | Z · 14H-Q · 12Q-0 |
| 200            | LP0115022028     | 6*2*750         | 油管      | OIL PIPE             | 1                      |                      | Z-W90 · 14H-0     |
| 210            | LP0115022028     | 6*2*750         | 油管      | OIL PIPE             | 1                      |                      | Z-W90 · 14H-0     |
| 220            | LP0115022029     | 6*2*730         | 油管      | OIL PIPE             | 1                      |                      | Z-W90 · 14H-0     |
| 230            | LP0115021484     | 1/4*14H         | 对丝      | JOINT, PIPE          | 1                      |                      | RETAINING RING    |
| 240            | LP0115021487     | 1/8*14H         | 对丝      | JOINT, PIPE          | 1                      |                      | RETAINING RING    |
| 250            | LP0102020020     |                 | 马达      | MOTOR                | 1                      |                      |                   |
|                |                  |                 |         |                      |                        |                      |                   |
|                |                  |                 |         |                      |                        |                      |                   |
|                |                  |                 |         |                      |                        |                      |                   |
|                |                  |                 |         |                      |                        |                      |                   |
|                |                  |                 |         |                      |                        |                      |                   |

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

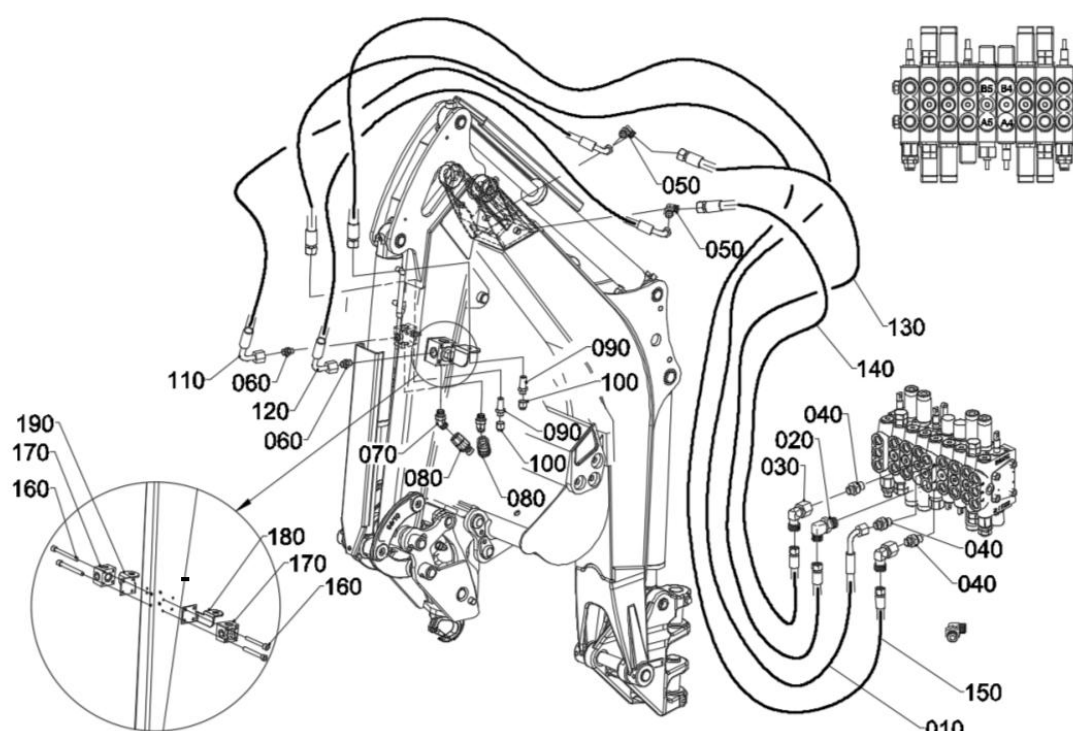
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

**液压系统(伸缩)**  
**HYDRAULIC SYSTEM(QUICK CHANGE)**

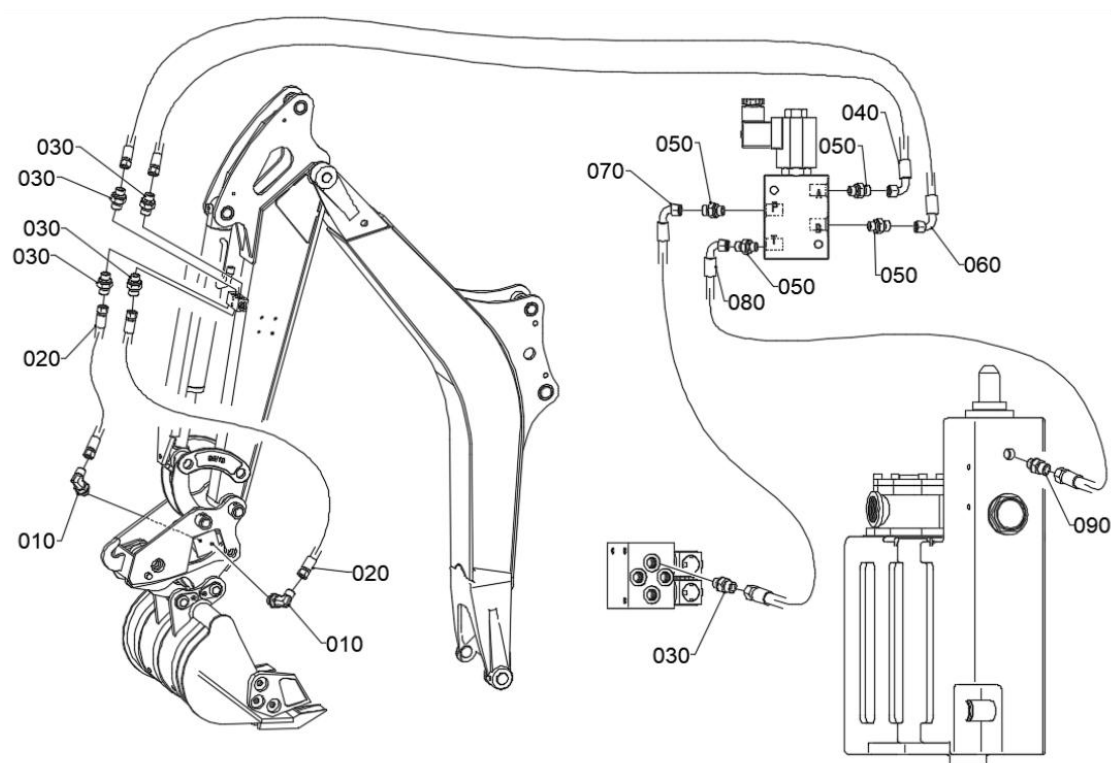
[illegible]

$\rightleftharpoons$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\leftrightarrow$  可互换 ;  $\nleftrightarrow$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

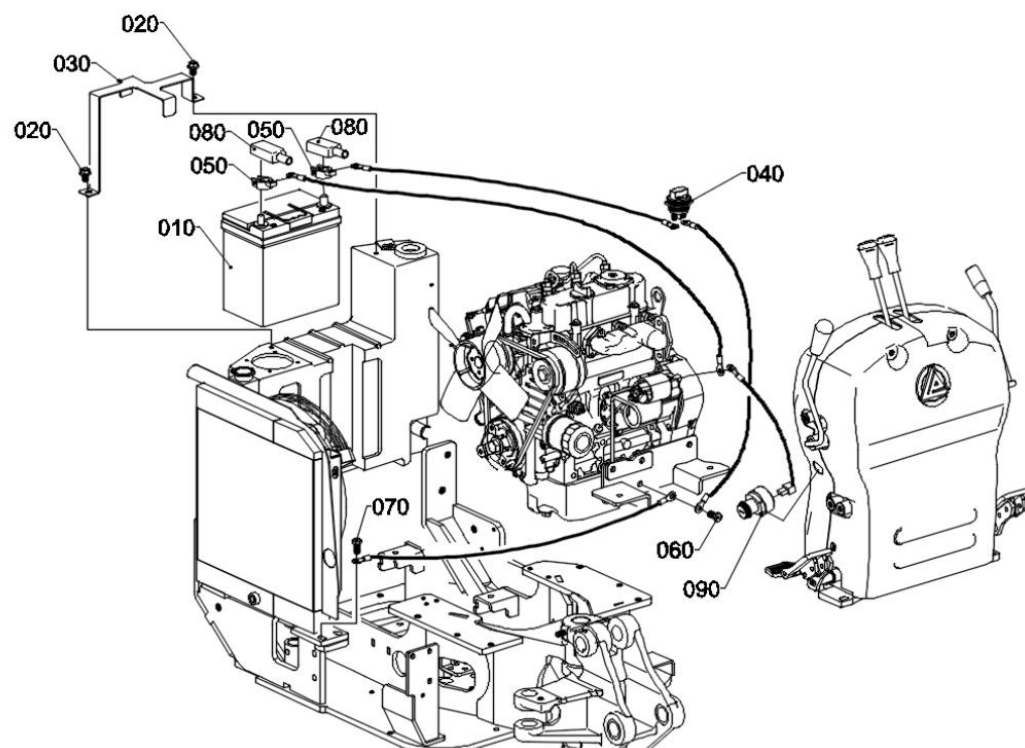


[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

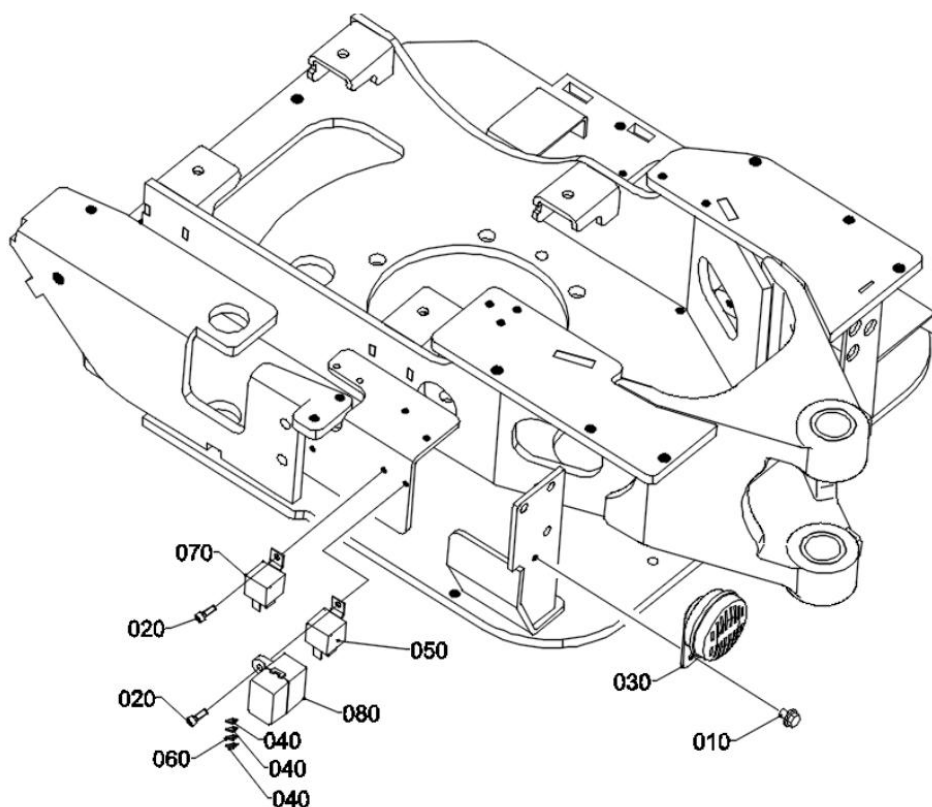
## H001

电气系统 (电瓶)  
ELECTRICAL SYSTEM (BATTERY)

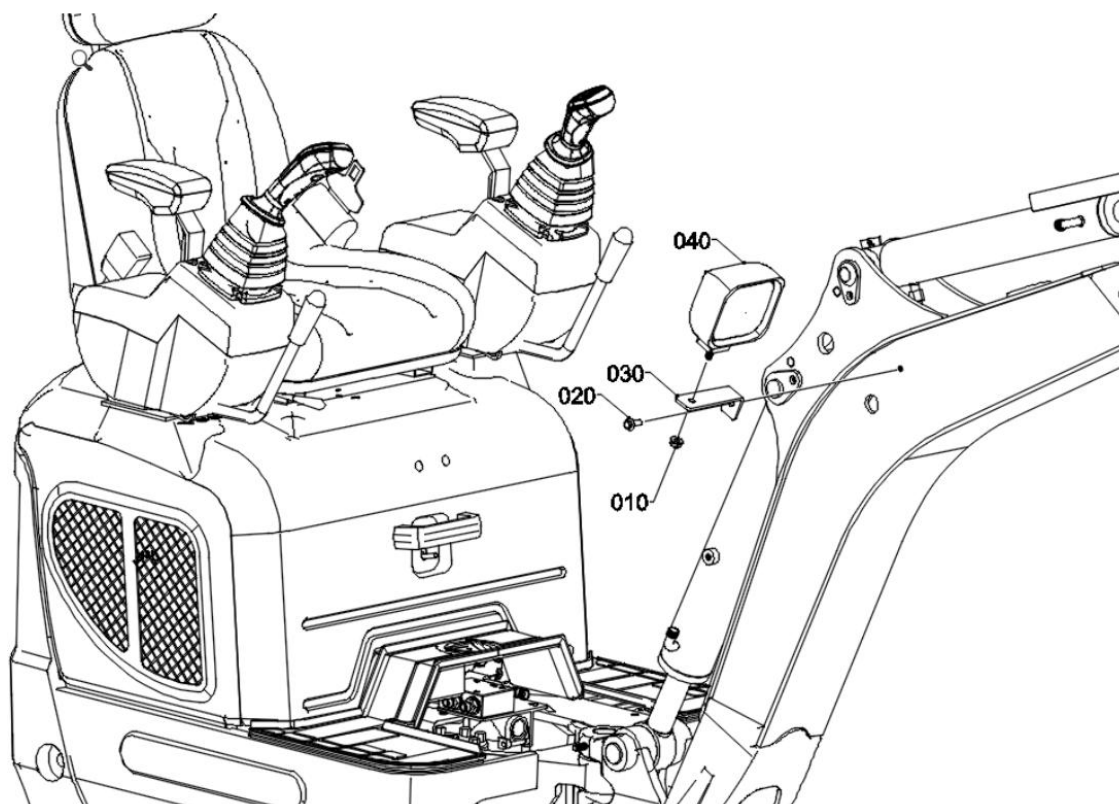
[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

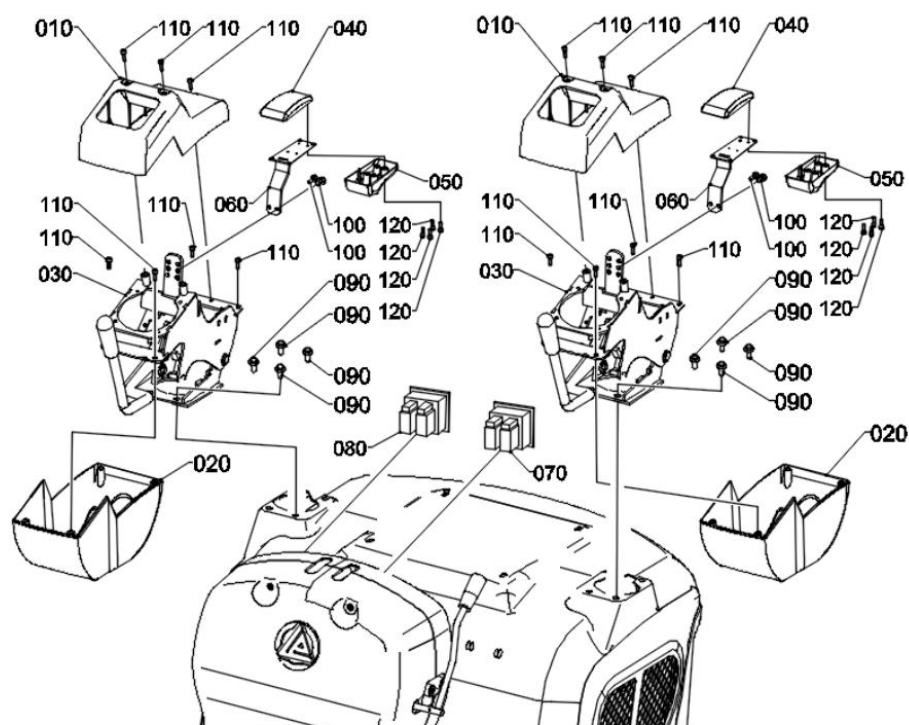


[illegible]

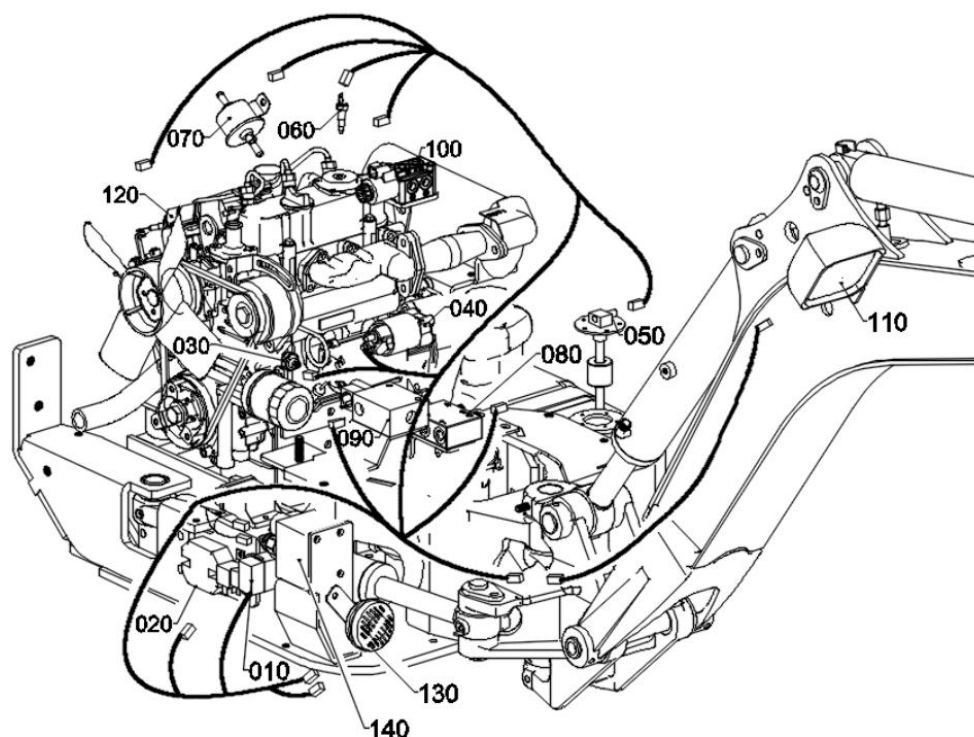
$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

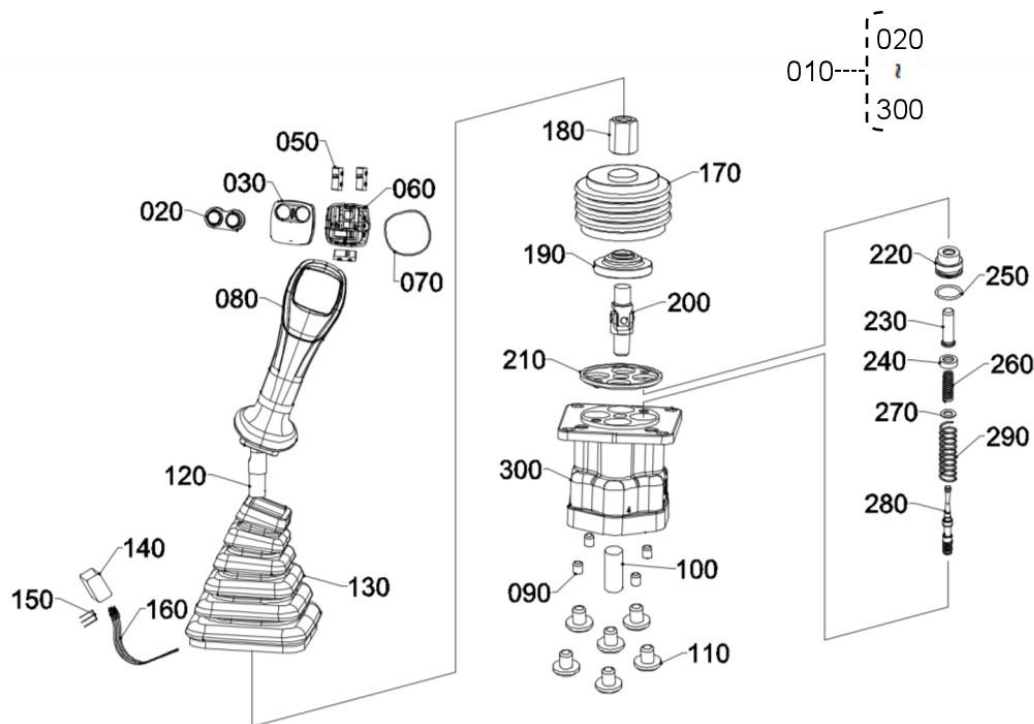
$\leftrightarrow$  可互换 ;  $\nleftrightarrow$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

J001

# 先导手柄（左手柄） CONTROL LEVER (LEVER LH)

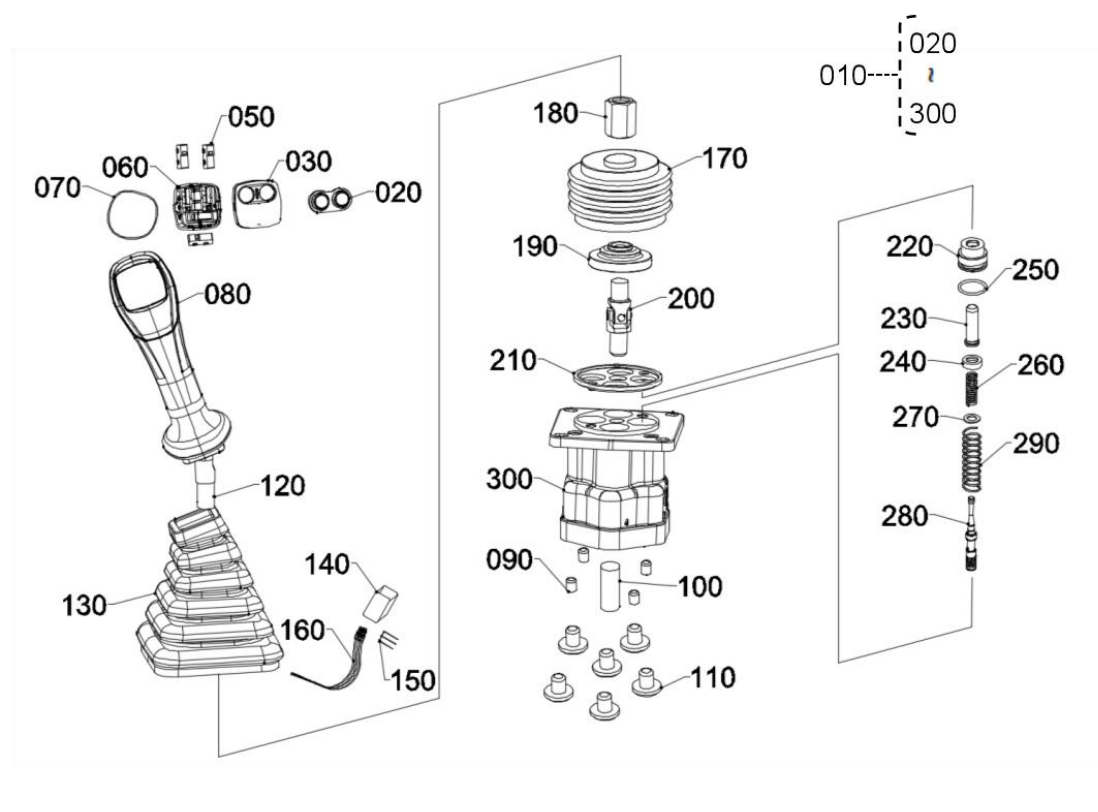


| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称  | PART NAME         | 数量<br>Q'TY/S. No. | 互换性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|-------|-------------------|-------------------|--------------|---------------|
| 010           | LP0115030080     |                 | 先导左手柄 | PILOT LEFT HANDLE | 1                 |              |               |
| 020           | LP1015030080-001 |                 | 大按键   | LARGE BUTTON      | 1                 |              |               |
| 030           | LP1015030080-002 |                 | 固定板   | FIXING PLATE      | 1                 |              |               |
| 040           |                  |                 | 空白    | BLANK             |                   |              |               |
| 050           | LP1015030080-003 |                 | 开关    | SWITCH            | 3                 |              |               |
| 060           | LP1015030080-004 |                 | 开关支架  | SWITCH BRACKET    | 1                 |              |               |
| 070           | LP1015030080-005 |                 | 密封圈   | SEALING RING      | 1                 |              |               |
| 080           | LP1015030080-006 |                 | 手柄    | HANDLE            | 1                 |              |               |
| 090           | LP1015030080-007 |                 | 堵头    | PLUG              | 4                 |              |               |
| 100           | LP1015030080-008 |                 | 衬套    | BUSHING           | 1                 |              |               |
| 110           | LP1015030080-009 |                 | 防尘塞   | DUST-PROOF PLUG   | 4                 |              |               |
| 120           | LP1015030080-010 |                 | 弯杆    | BENT ROD          | 1                 |              |               |
| 130           | LP1015030080-011 |                 | 大护套   | PROTECTIVE SLEEVE | 1                 |              |               |
| 140           | LP1015030080-012 |                 | 端子插头  | TERMINAL PLUG     | 1                 |              |               |
| 150           | LP1015030080-013 |                 | 卡扣    | BUCKLE            | 1                 |              |               |
| 160           | LP1015030080-014 |                 | 线束    | WIRE HARNESS      | 1                 |              |               |
| 170           | LP1015030080-015 |                 | 防尘套   | DUST-PROOF SLEEVE | 1                 |              |               |
| 180           | LP1015030080-016 |                 | 连接螺母  | CONNECTING NUT    | 1                 |              |               |
| 190           | LP1015030080-017 |                 | 斜盘    | SWASH PLATE       | 1                 |              |               |
| 200           | LP1015030080-018 |                 | 万向节   | UNIVERSAL JOINT   | 1                 |              |               |
| 210           | LP1015030080-019 |                 | 压盘    | PRESSURE PLATE    | 1                 |              |               |
| 220           | LP1015030080-020 |                 | 铜套    | COPPER SLEEVE     | 4                 |              |               |
| 230           | LP1015030080-021 |                 | 柱塞    | PLUNGER           | 4                 |              |               |
| 240           | LP1015030080-022 |                 | 油封    | OIL SEAL          | 4                 |              |               |
| 250           | LP1015030080-023 |                 | 密封圈   | SEALING RING      | 4                 |              |               |
| 260           | LP1015030080-024 |                 | 弹簧    | SPRING            | 4                 |              |               |
| 270           | LP1015030080-025 |                 | 垫片    | GASKET            | 4                 |              |               |
| 280           | LP1015030080-026 |                 | 阀芯    | VALVE CORE        | 4                 |              |               |
| 290           | LP1015030080-027 |                 | 弹簧    | SPRING            | 4                 |              |               |
| 300           | LP1015030080-028 |                 | 阀体    | VALVE BODY        | 1                 |              |               |

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧

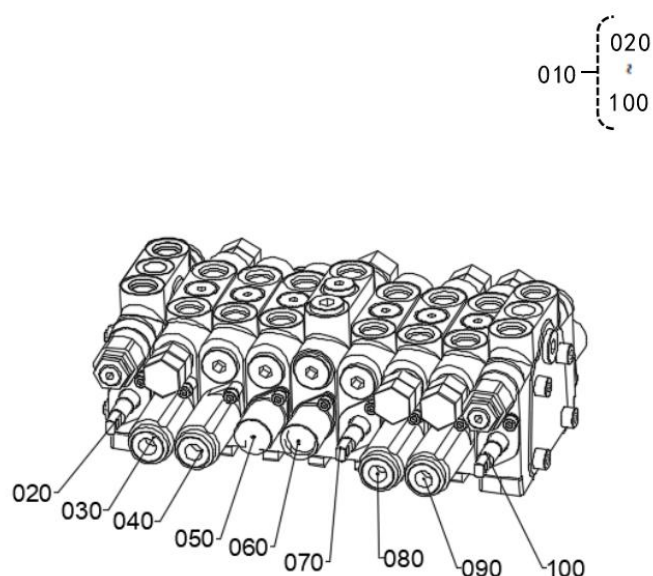
J002

# 先导手柄（右手柄） CONTROL LEVER (LEVER RH)



| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称  | PART NAME         | 数量<br>Q'TY/S.N<br>o. | 互换性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|-------|-------------------|----------------------|--------------|---------------|
| 010           | LP1015030079     |                 | 先导右手柄 | PILOT LEFT HANDLE | 1                    |              |               |
| 020           | LP1015030080-001 |                 | 大按键   | LARGE BUTTON      | 1                    |              |               |
| 030           | LP1015030080-002 |                 | 固定板   | FIXING PLATE      | 1                    |              |               |
| 040           |                  |                 | 空白    | BLANK             |                      |              |               |
| 050           | LP1015030080-003 |                 | 开关    | SWITCH            | 3                    |              |               |
| 060           | LP1015030080-004 |                 | 开关支架  | SWITCH BRACKET    | 1                    |              |               |
| 070           | LP1015030080-005 |                 | 密封圈   | SEALING RING      | 1                    |              |               |
| 080           | LP1015030079-001 |                 | 手柄    | HANDLE            | 1                    |              |               |
| 090           | LP1015030080-007 |                 | 堵头    | PLUG              | 4                    |              |               |
| 100           | LP1015030080-008 |                 | 衬套    | BUSHING           | 1                    |              |               |
| 110           | LP1015030080-009 |                 | 防尘塞   | DUST-PROOF PLUG   | 4                    |              |               |
| 120           | LP1015030079-002 |                 | 弯杆    | BENT ROD          | 1                    |              |               |
| 130           | LP1015030079-003 |                 | 大护套   | PROTECTIVE SLEEVE | 1                    |              |               |
| 140           | LP1015030080-012 |                 | 端子插头  | TERMINAL PLUG     | 1                    |              |               |
| 150           | LP1015030080-013 |                 | 卡扣    | BUCKLE            | 1                    |              |               |
| 160           | LP1015030080-014 |                 | 线束    | WIRE HARNESS      | 1                    |              |               |
| 170           | LP1015030080-015 |                 | 防尘套   | DUST-PROOF SLEEVE | 1                    |              |               |
| 180           | LP1015030080-016 |                 | 连接螺母  | CONNECTING NUT    | 1                    |              |               |
| 190           | LP1015030080-017 |                 | 斜盘    | SWASH PLATE       | 1                    |              |               |
| 200           | LP1015030080-018 |                 | 万向节   | UNIVERSAL JOINT   | 1                    |              |               |
| 210           | LP1015030080-019 |                 | 压盘    | PRESSURE PLATE    | 1                    |              |               |
| 220           | LP1015030080-020 |                 | 铜套    | COPPER SLEEVE     | 4                    |              |               |
| 230           | LP1015030080-021 |                 | 柱塞    | PLUNGER           | 4                    |              |               |
| 240           | LP1015030080-022 |                 | 油封    | OIL SEAL          | 4                    |              |               |
| 250           | LP1015030080-023 |                 | 密封圈   | SEALING RING      | 4                    |              |               |
| 260           | LP1015030080-024 |                 | 弹簧    | SPRING            | 4                    |              |               |
| 270           | LP1015030080-025 |                 | 垫片    | GASKET            | 4                    |              |               |
| 280           | LP1015030080-026 |                 | 阀芯    | VALVE CORE        | 4                    |              |               |
| 290           | LP1015030080-027 |                 | 弹簧    | SPRING            | 4                    |              |               |
| 300           | LP1015030080-028 |                 | 阀体    | VALVE BODY        | 1                    |              |               |

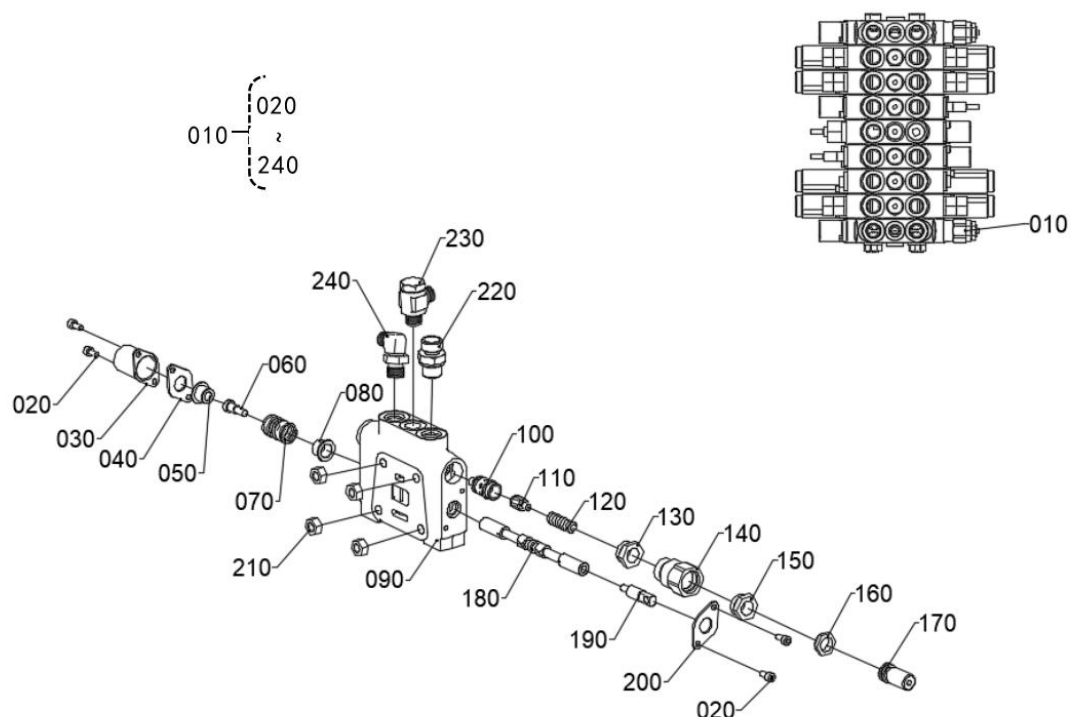
↔ 可互换；≠ 不可互换；← 以新换旧；→ 以旧

[illegible]



**K001**

SP00L SECTION (DRIVE RH)

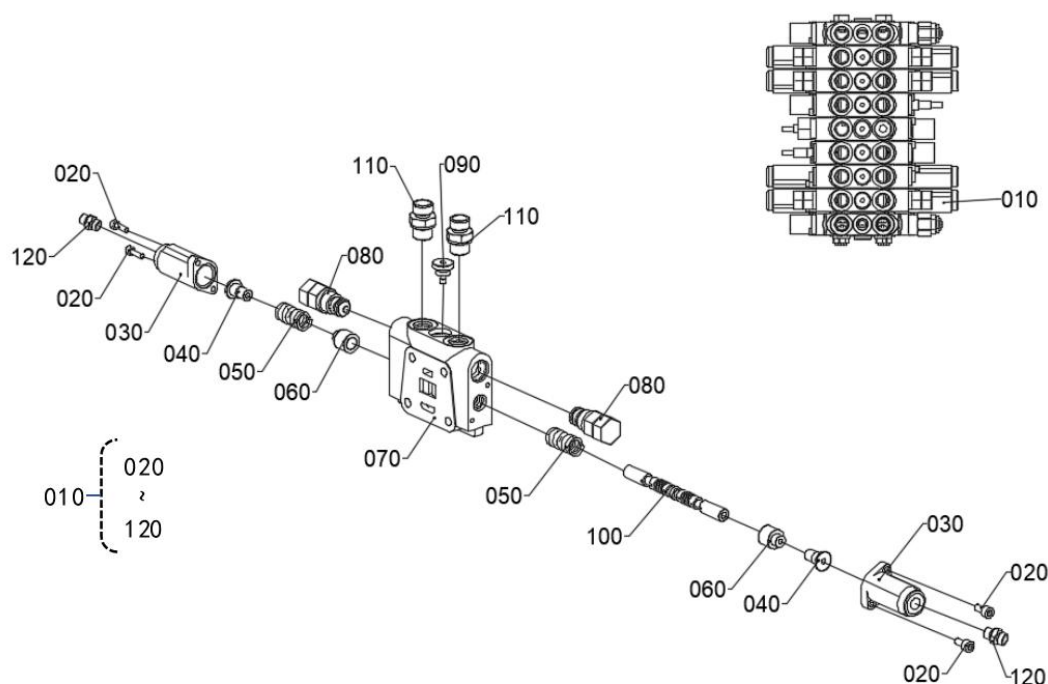
[illegible]

$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



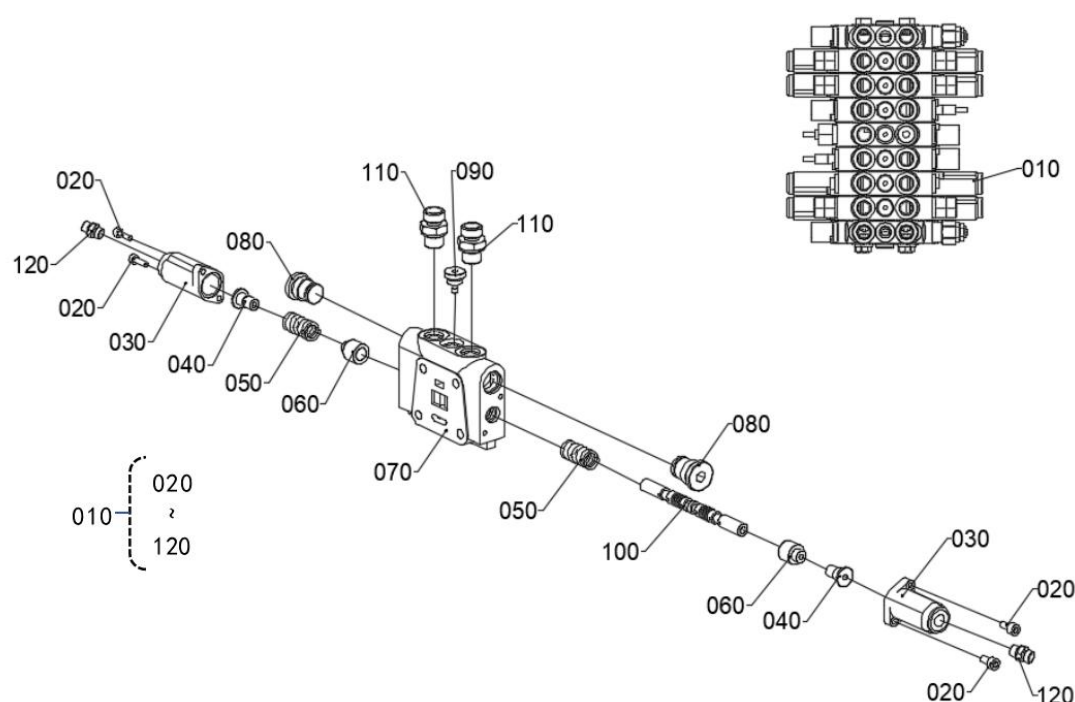
## K002

阀体部件(动臂)  
SPOOL SECTION (BOOM)

[illegible]

**K003**

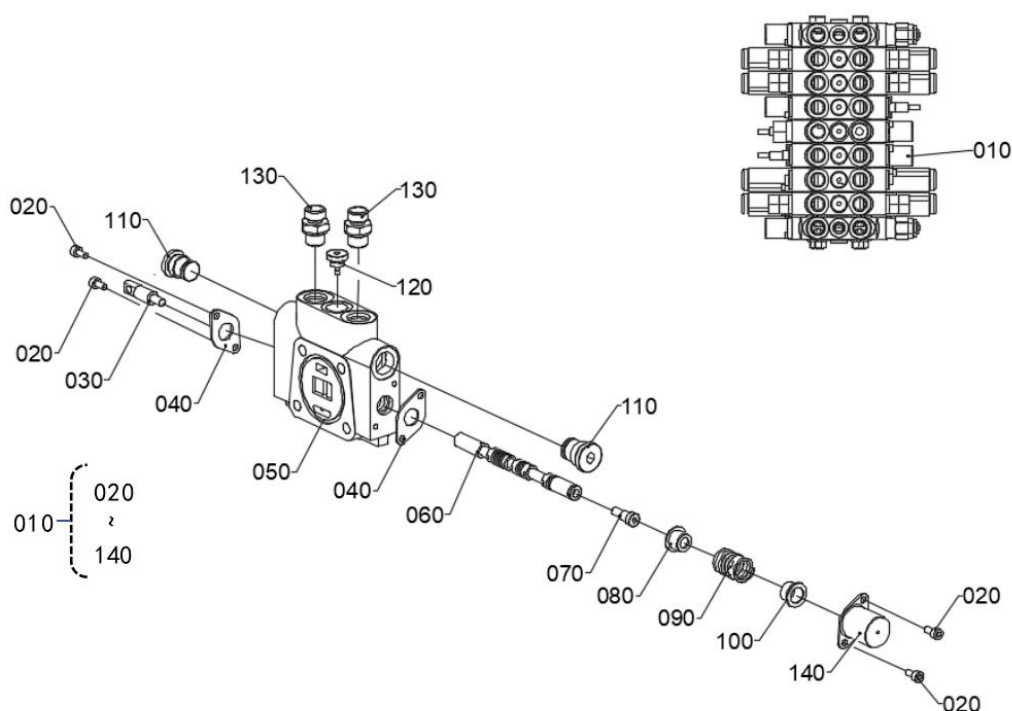
阀体部件(铲斗)  
SPOOL SECTION (BUCKET)

[illegible]

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

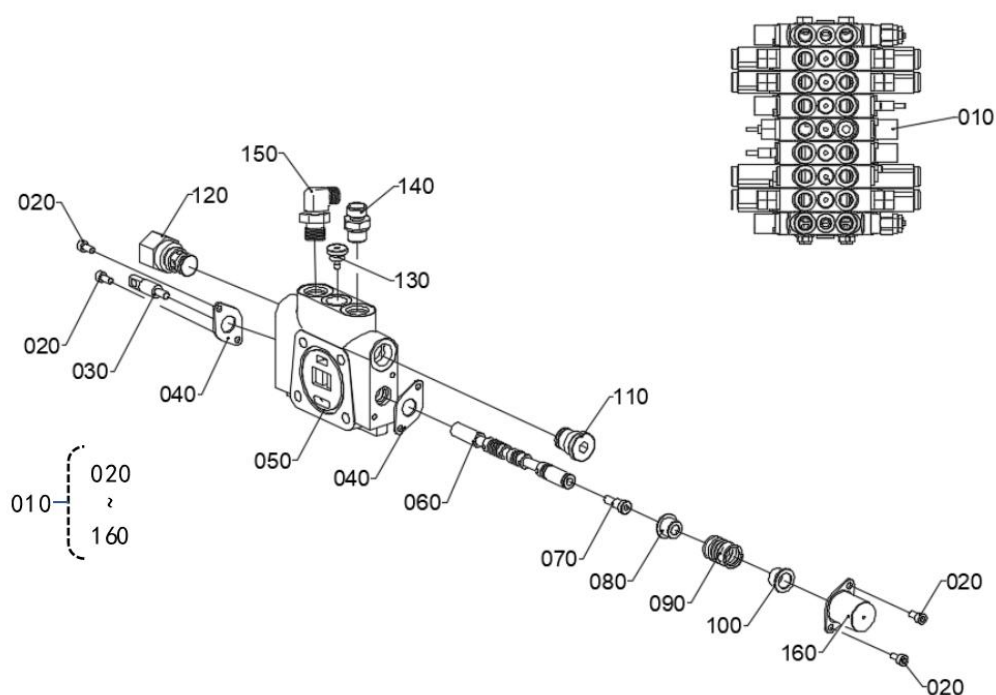
## K004

閥体部件(破碎)  
SPOOL SECTION (CRUSHING)

[illegible]

$\leftrightarrow$  可互换;  $\neq$  不可互换;  $\leftarrow$  以新换旧;  $\rightarrow$  以旧换新

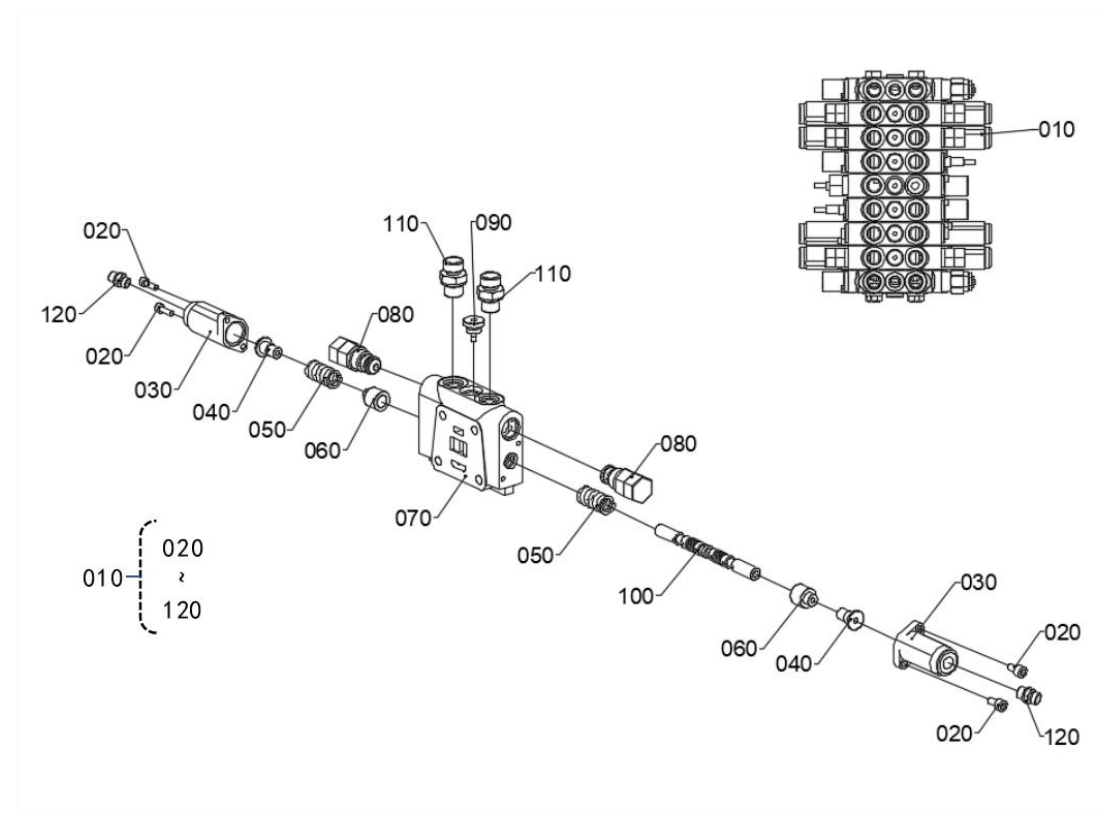
阀体部件(破碎拇指夹)  
SPOOL SECTION (BROKEN THUMB CLAMP)

[illegible]



## K007

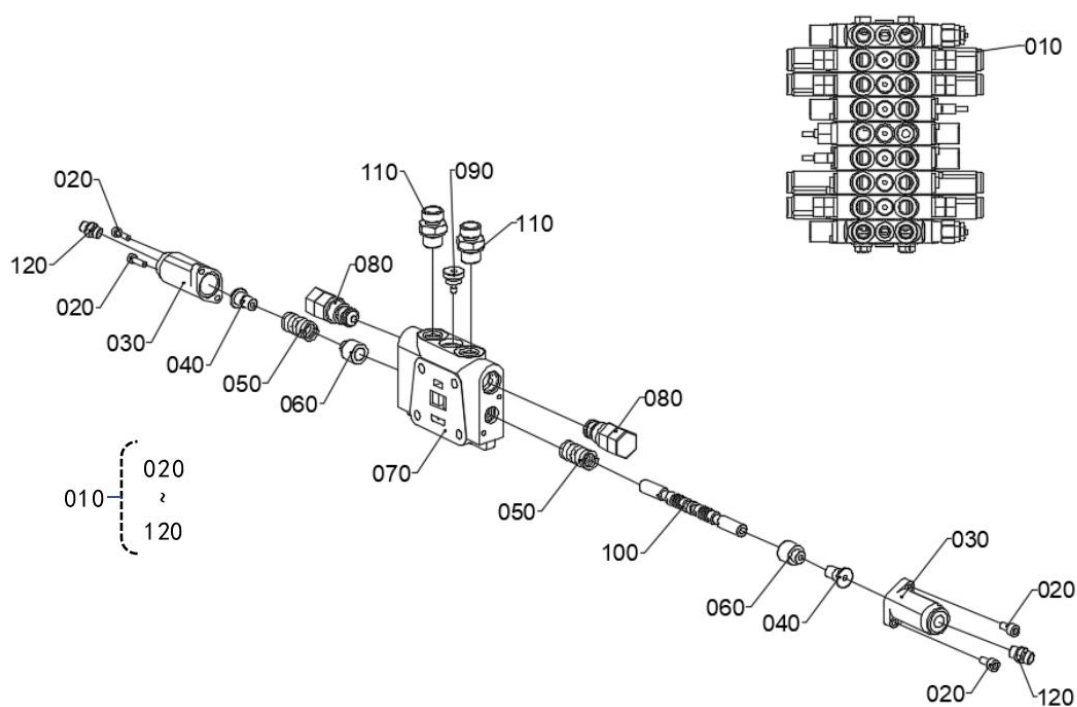
阀体部件(斗杆)  
SPOOL SECTION (ARM)

[illegible]

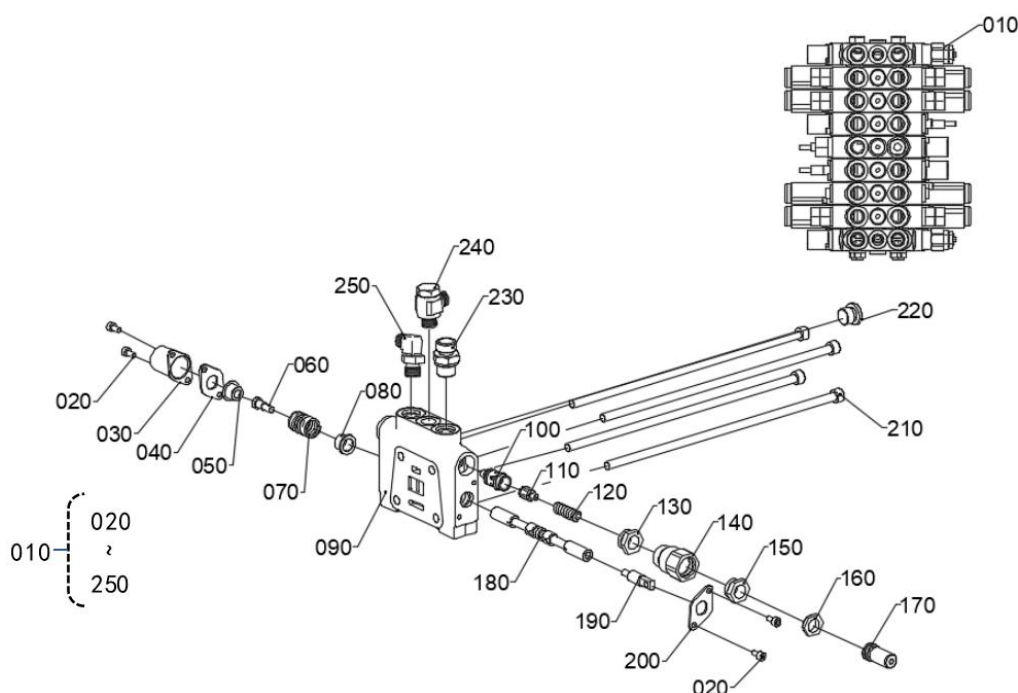
$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



阀体部件(回转偏摆)  
SPOOL SECTION (ROTARY SWING)

[illegible]

$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新



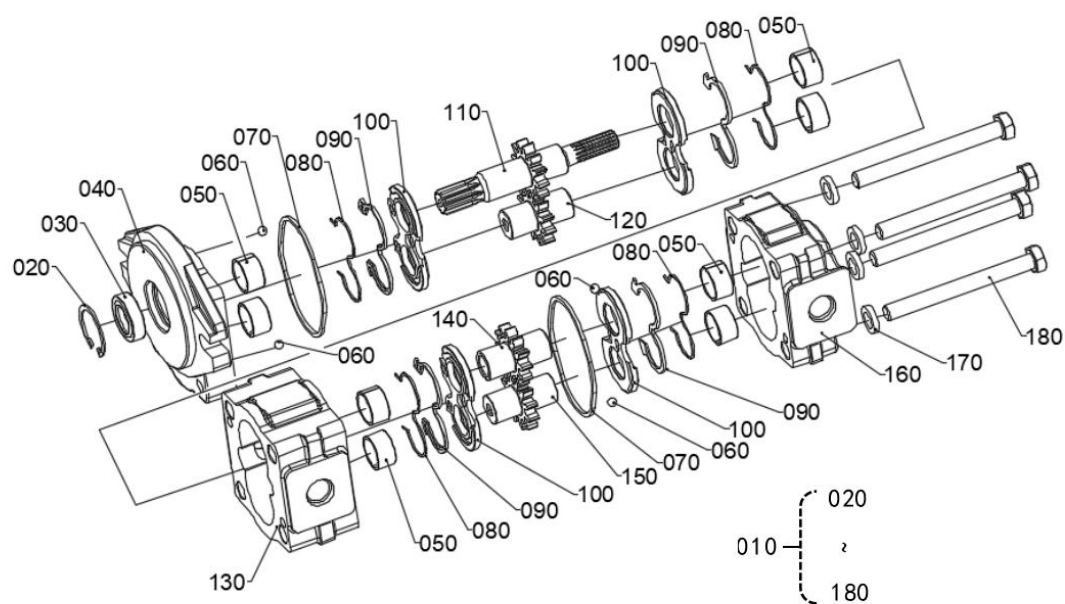
| 序 号<br>REF.No. | 存 货 编 码<br>INV. No. | 零 件 号<br>PART No.  | 零 件 名 称  | PART NAME             | 数 量<br>Q'TY/S.<br>No. | 互<br>换<br>性<br>I. C. | 备 注<br>REMARKS |
|----------------|---------------------|--------------------|----------|-----------------------|-----------------------|----------------------|----------------|
| 010            | LP1001030058-009    |                    | 左行走联阀体部件 | ASSY VALVE, DRIVE LH  | 1                     |                      |                |
| 020            | LP1001030058-010    | M5*10              | T盖螺丝     | T COVER SCREW         | 4                     |                      |                |
| 030            | LP1001030058-011    |                    | T盖       | T COVER               | 1                     |                      |                |
| 040            | LP1001030058-012    |                    | T盖底板     | T COVER BOTTOM PLATE  | 1                     |                      |                |
| 050            | LP1001030058-013    |                    | 弹簧卡板     | SPRING CLIP           | 2                     |                      |                |
| 060            | LP1001030058-014    |                    | 紧簧螺钉     | S T SCREW             | 1                     |                      |                |
| 070            | LP1001030058-015    | 1. 8*19. 4*54*8. 5 | 复位簧      | RETURN SPRING         | 1                     |                      |                |
| 080            | LP1001030058-016    | 11. 6*2. 4         | O型圈座     | O-RING SEAT           | 1                     |                      |                |
| 090            | LP1001030058-017    |                    | 进油片      | OIL INLET PLATE       | 1                     |                      |                |
| 100            | LP1001030058-018    |                    | 安全阀阀座    | SAFETY VALVE SEAT     | 1                     |                      |                |
| 110            | LP1001030058-019    |                    | 调压弹簧座    | P R SPRING SEAT       | 1                     |                      |                |
| 120            | LP1001030058-020    | 2. 6*29*8          | 调压弹簧     | P R SPRING            | 1                     |                      |                |
| 130            | LP1001030058-021    | 12. 3*1. 9         | O型圈座     | O-RING SEAT           | 1                     |                      |                |
| 140            | LP1001030058-022    |                    | 壳体       | SHELL                 | 1                     |                      |                |
| 150            | LP1001030058-023    |                    | 弹簧座      | SPRING SEAT           | 1                     |                      |                |
| 160            | LP1001030058-024    |                    | 调压螺母     | P R NUT               | 1                     |                      |                |
| 170            | LP1001030058-025    |                    | 调压丝杆     | P R SCREW ROD         | 1                     |                      |                |
| 180            | LP1001030058-026    |                    | 左行走阀芯    | TRAVEL VALVE SPOOL LH | 1                     |                      |                |
| 190            | LP1001030058-027    |                    | 接杆       | CONNECTING ROD        | 1                     |                      |                |
| 200            | LP1001030058-028    |                    | 底板       | BOTTOM PLATE          | 1                     |                      |                |
| 210            | LP1001030058-029    | M8*390             | 螺栓       | BOLT                  | 4                     |                      |                |
| 220            | LP1001030058-030    |                    | 油堵       | OIL PLUG              | 1                     |                      |                |
| 230            | LP0115021488        | 3/8*14H            | 对丝       | UNION                 | 1                     |                      |                |
| 240            | LP0115021942        | 3/8*16H            | 空芯对丝     | HOLLOW CORE UNION     | 1                     |                      |                |
| 250            | LP0115020902        | 3/8*14H            | 调向对丝     | TURN DIRECTION UNION  | 1                     |                      |                |
|                |                     |                    |          |                       |                       |                      |                |
|                |                     |                    |          |                       |                       |                      |                |
|                |                     |                    |          |                       |                       |                      |                |
|                |                     |                    |          |                       |                       |                      |                |

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新



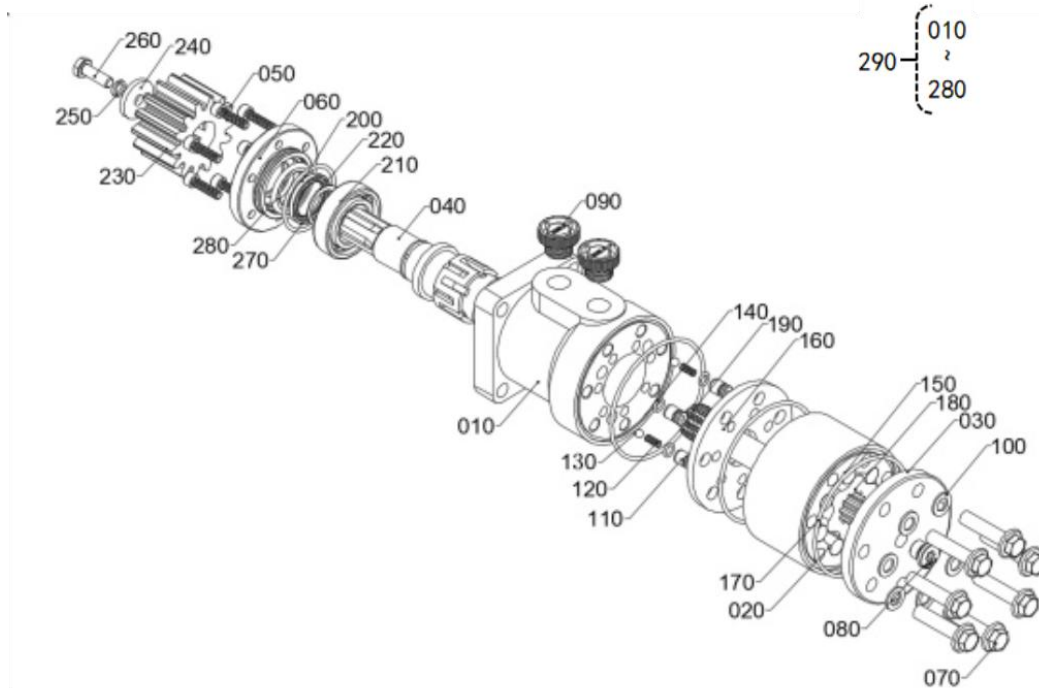
**K010**

齿轮泵和零件  
GEAR PUMP AND PARTS

[illegible]

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

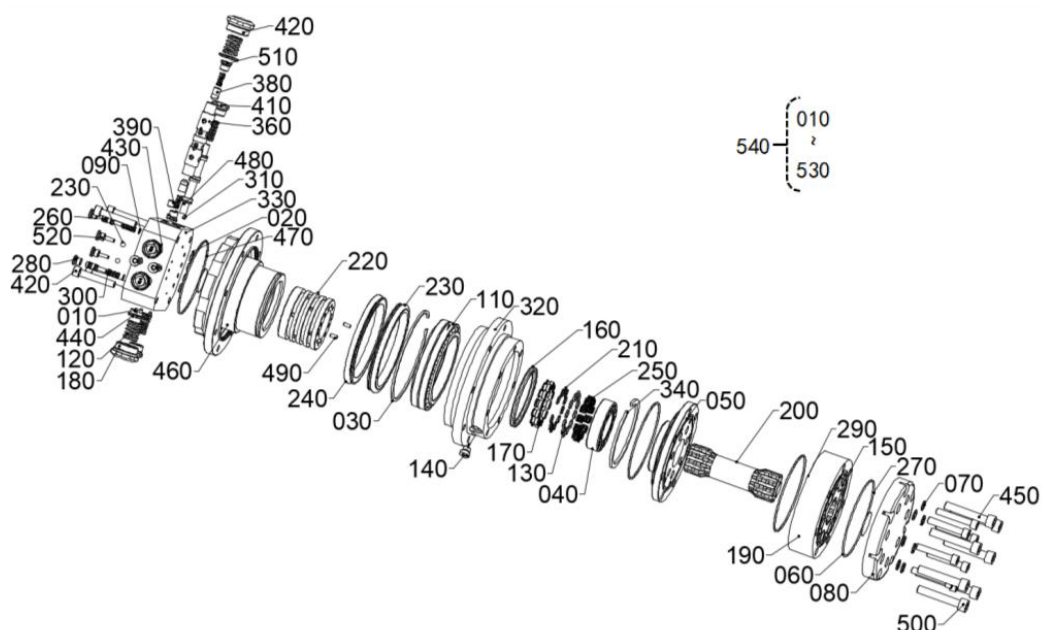
# K011 回转马达 ROYTARY MOTOR



| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME         | 数量<br>Q'TY/S.N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|----------------|------------------|-----------------|----------|-------------------|----------------------|----------------------|---------------|
| 010            | LP1002030001-001 | 2022            | 壳体       | SHELL             | 1                    |                      |               |
| 020            | LP1002030001-002 | 6021-315        | 定子       | STATOR            | 1                    |                      |               |
| 030            | LP1002030001-003 | 3022-03         | 后盖       | BACK COVER        | 1                    |                      |               |
| 040            | LP1002030001-004 | 1021P-01        | 输出轴      | OUTPUT SHAFT      | 1                    |                      |               |
| 050            | LP1002030001-005 | M6*25           | 内六角圆柱头螺钉 | SCREW             | 6                    |                      |               |
| 060            | LP1002030001-006 | 9021P-01        | 前盖       | FRONT COVER       | 1                    |                      |               |
| 070            | LP1002030001-007 | M10*45          | 六角头法兰面螺栓 | SCREW             | 7                    |                      |               |
| 080            | LP1002030001-008 | M14*1.5         | 螺堵       | SCREW PLUG        | 1                    |                      |               |
| 090            | LP1002030001-009 | M18*1.5         | 塑料油堵     | OIL BLOCKAGE      | 2                    |                      |               |
| 100            | LP1002030001-010 | 10*1.6          | 垫圈       | WASHER            | 7                    |                      |               |
| 110            | LP1002030001-011 | 5024            | 单向阀体     | VAVLE BADCY       | 3                    |                      |               |
| 120            | LP1002030001-012 | 0.5*5*12        | 弹簧       | SPRING            | 2                    |                      |               |
| 130            | LP1002030001-013 | 6               | 钢球       | STEEL BALL        | 2                    |                      |               |
| 140            | LP1002030001-014 | 6.9*1.8         | O型橡胶密封圈  | O-RING            | 3                    |                      |               |
| 150            | LP1002030001-015 | 90*2.65         | O型橡胶密封圈  | O-RING            | 3                    |                      |               |
| 160            | LP1002030001-016 | 3021            | 隔板       | PARTITION         | 1                    |                      |               |
| 170            | LP1002030001-017 | 5021-02 (315)   | 针齿       | NEEDLE TOOTH      | 7                    |                      |               |
| 180            | LP1002030001-018 | 4021-02 (315)   | 转子       | ROTOR             | 1                    |                      |               |
| 190            | LP1002030001-019 | 8021-02         | 联动轴      | LINKAGE SHAFT     | 1                    |                      |               |
| 200            | LP1002030001-020 | 47.29*2.65      | O型橡胶密封圈  | O-RING            | 1                    |                      |               |
| 210            | LP1002030001-021 | 60006           | 深沟球轴承    | BEARING           | 1                    |                      |               |
| 220            | LP1002030001-022 | GB894.2         | 轴用弹性挡圈   | RETAINING RING    | 1                    |                      |               |
| 230            | LP1002030001-023 | W504-01         | 齿轮       | GEAR              | 1                    |                      |               |
| 240            | LP1002030001-024 | 30              | 平垫       | FLAT GASKET       | 1                    |                      |               |
| 250            | LP1002030001-025 | 8*2.1           | 弹性垫圈     | ELASTIC WASHER    | 1                    |                      |               |
| 260            | LP1002030001-026 | M8*25           | 六角头螺栓    | SCREW             | 1                    |                      |               |
| 270            | LP1002030001-027 | 7021-01         | 骨架油封     | SKELETAL OIL SEAL | 1                    |                      |               |
| 280            | LP1002030001-028 | 7029-01         | 格莱圈      | GLAY CIRCLE       | 1                    |                      |               |
| 290            | LP0102030001     | BM2-315 SPLINE  | 回转马达     | ROYTARY MOTOR     | 1                    |                      |               |

↔ 可互换；↗ 不可互换；↖ 以新换旧；→ 以旧换新

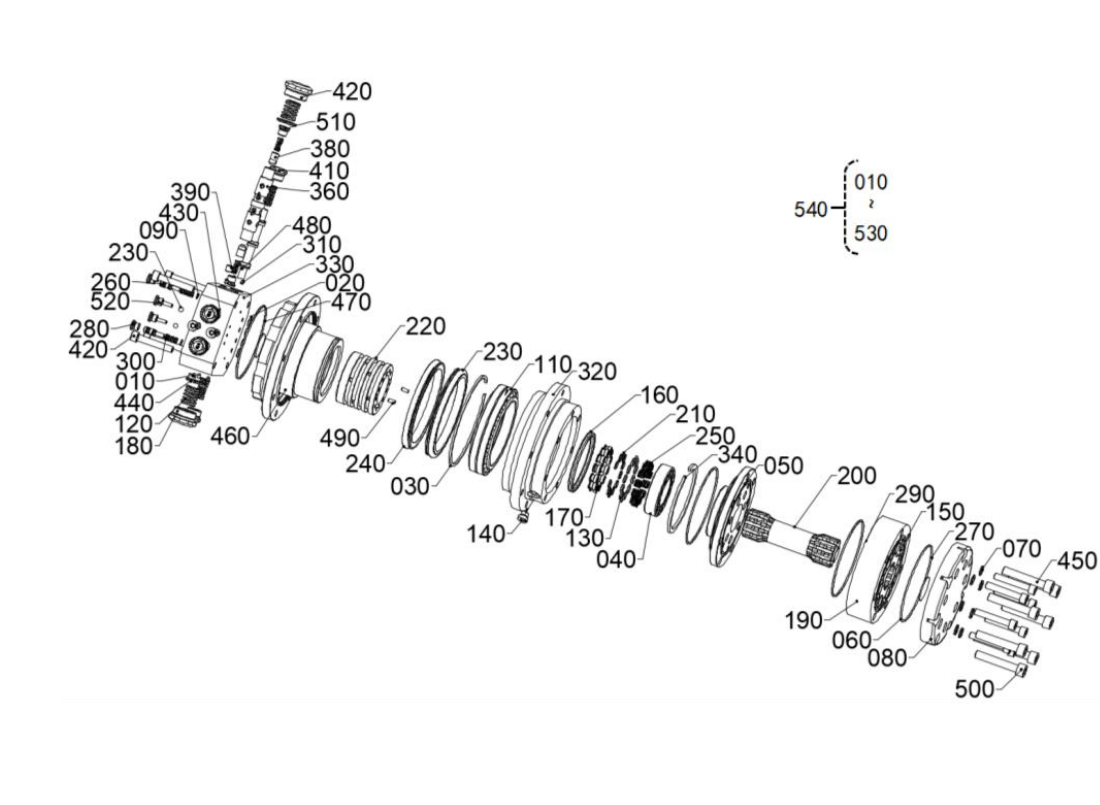
# K012 行走马达 TRAVELING MOTOR



| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME          | 数量<br>Q'TY/S.No. | 互换性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|----------|--------------------|------------------|--------------|---------------|
| 010           | LP1002020020-001 | B112-13         | 壳体       | SHELL              | 1                |              |               |
| 020           | LP1002020020-002 | B112-20         | 阀体       | VALVE BODY         | 1                |              |               |
| 030           | LP1002020020-003 | B112-05         | 壳体       | SHELL              | 1                |              |               |
| 040           | LP1002020020-004 | E112-01         | 隔板       | PARTITION          | 1                |              |               |
| 050           | LP1002020020-005 | H112 (350)      | 定子       | STATOR             | 1                |              |               |
| 060           | LP1002020020-006 | E112-02         | 后盖       | BACK COVER         | 1                |              |               |
| 070           | LP1002020020-007 | M8*60           | 内六角圆柱头螺钉 | SCREW              | 7                |              |               |
| 080           | LP1002020020-008 | M10*65          | 内六角圆柱头螺钉 | SCREW              | 7                |              |               |
| 090           | LP1002020020-009 | F112-11         | 螺堵       | SCREW PLUG         | 2                |              |               |
| 100           | LP1002020020-010 | G4/1            | 顶丝       | SET SCREW          | 2                |              |               |
| 110           | LP1002020020-011 | G8/1            | 螺堵       | SCREW PLUG         | 3                |              |               |
| 120           | LP1002020020-012 | H112-02         | 配油盘      | OIL PAN            | 1                |              |               |
| 130           | LP1002020020-013 | H112-03         | 配油盘2     | OIL PAN TWO        | 1                |              |               |
| 140           | LP1002020020-014 | F112-05         | 活塞       | PISTON             | 12               |              |               |
| 150           | LP1002020020-015 | Y112-02         | 平垫       | FLAT GASKET        | 2                |              |               |
| 160           | LP1002020020-016 | K112-07         | 密封垫      | GASKET             | 12               |              |               |
| 170           | LP1002020020-017 | 7.7*1.9         | O型橡胶密封圈  | O-RING             | 12               |              |               |
| 180           | LP1002020020-018 | K112-05         | 浮封环      | FLOATING SEAL RING | 2                |              |               |
| 190           | LP1002020020-019 | 4061 (350)      | 轴承限位套    | LIMIT SLEEVE       | 1                |              |               |
| 200           | LP1002020020-020 | 5061 (350)      | 针齿       | NEEDLE TOOTH       | 7                |              |               |
| 210           | LP1002020020-021 | 1.5*9*8         | 压缩弹簧     | COMPRESSION SPRING | 12               |              |               |
| 220           | LP1002020020-022 | 109*7           | O型橡胶密封圈  | O-RING             | 2                |              |               |
| 230           | LP1002020020-023 | DAC90121        | DAC90121 | DAC90121           | 1                |              |               |
| 240           | LP1002020020-024 | N112-01         | 止动环      | RETAINING RING     | 1                |              |               |
| 250           | LP1002020020-025 | N112-02         | 止动环      | RETAINING RING     | 1                |              |               |
| 260           | LP1002020020-026 | 8*2             | O型橡胶密封圈  | O-RING             | 4                |              |               |
| 270           | LP1002020020-027 | 8*1.6           | 平垫圈      | FLAT WASHER        | 7                |              |               |
| 280           | LP1002020020-028 | 99.5*1.9        | O型橡胶密封圈  | O-RING             | 1                |              |               |
| 290           | LP1002020020-029 | 104*2           | O型橡胶密封圈  | O-RING             | 3                |              |               |
| 300           | LP1002020020-030 | 4*10            | 圆锥销      | TAPER PIN          | 2                |              |               |

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# K012 行走马达 TRAVELING MOTOR

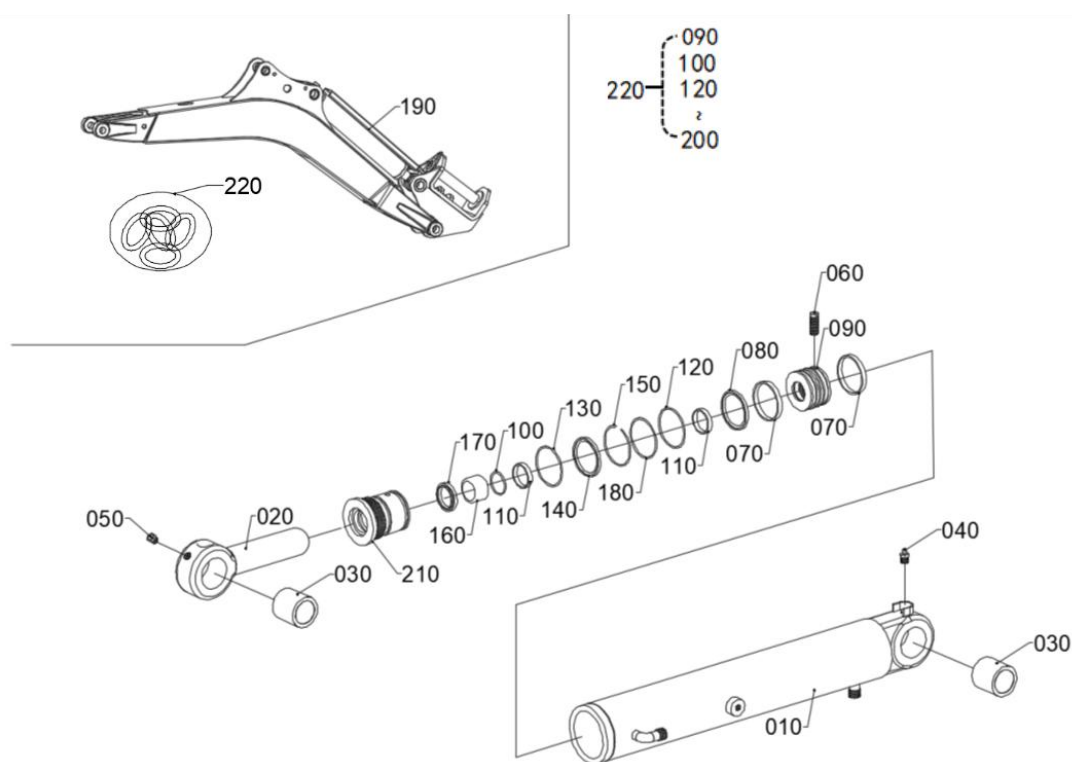


| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME          | 数量<br>Q'TY/S.No. | 互换性<br>I.C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|----------|--------------------|------------------|-------------|---------------|
| 310           | LP1002020020-031 | 6. 33           | 钢球       | STEEL BALL         | 2                |             |               |
| 320           | LP1002020020-032 | X53307239       | 星型圈      | STAR-SHAPED RING   | 1                |             |               |
| 330           | LP1002020020-033 | G8/3            | 塑料油堵     | PLASTIC FUEL CLOG  | 2                |             |               |
| 340           | LP1002020020-034 | H112-14         | 联动轴      | LINKAGE SHAFT      | 1                |             |               |
| 350           | LP1002020020-035 | F112-13         | 阻尼螺堵     | DAMPING SCREW PLUG | 6                |             |               |
| 360           | LP1002020020-036 | F112-01         | 阀杆       | VALVE STEM         | 1                |             |               |
| 370           | LP1002020020-037 | F112-02         | 阀杆       | VALVE STEM         | 1                |             |               |
| 380           | LP1002020020-038 | F112-03         | 单向阀芯     | CHECK VALVE CORE   | 2                |             |               |
| 390           | LP1002020020-039 | F112-04         | 螺塞       | SCREW PLUG         | 2                |             |               |
| 400           | LP1002020020-040 | F112-05         | 弹簧       | SPRING             | 2                |             |               |
| 410           | LP1002020020-041 | F112-09         | 螺堵       | SCREW PLUG         | 2                |             |               |
| 420           | LP1002020020-042 | M8*50           | 内六角圆柱头螺钉 | SCREW              | 4                |             |               |
| 430           | LP1002020020-043 | Y112-01         | 平垫       | FLAT GASKET        | 2                |             |               |
| 440           | LP1002020020-044 | L112-01         | 弹簧       | SPRING             | 2                |             |               |
| 450           | LP1002020020-045 | F112-07         | 螺堵       | SCREW PLUG         | 2                |             |               |
| 460           | LP1002020020-046 | BA6201-1        | 深沟球轴承    | BEARING            | 1                |             |               |
| 470           | LP1002020020-047 | G8/1            | 顶丝       | SET SCREW          | 2                |             |               |
| 480           | LP1002020020-048 | F112-06         | 阻尼片      | DAMPING SHEET      | 2                |             |               |
| 490           | LP1002020020-049 | L112-02         | 弹簧       | SPRING             | 2                |             |               |
| 500           | LP1002020020-050 | F112-08         | 螺堵       | SCREW PLUG         | 2                |             |               |
| 510           | LP1002020020-051 | Y112-03         | 垫片       | GASKET0            | 2                |             |               |
| 520           | LP1002020020-052 | L112-03         | 弹簧       | SPRING             | 2                |             |               |
| 530           | LP1002020020-053 | F112-10         | 螺堵       | SCREW PLUG         | 2                |             |               |
| 540           | LP0102020020     | WDM-390-D2-B    | 行走马达     | TRAVELING MOTOR    | 1                |             |               |
|               |                  |                 |          |                    |                  |             |               |
|               |                  |                 |          |                    |                  |             |               |
|               |                  |                 |          |                    |                  |             |               |
|               |                  |                 |          |                    |                  |             |               |
|               |                  |                 |          |                    |                  |             |               |
|               |                  |                 |          |                    |                  |             |               |

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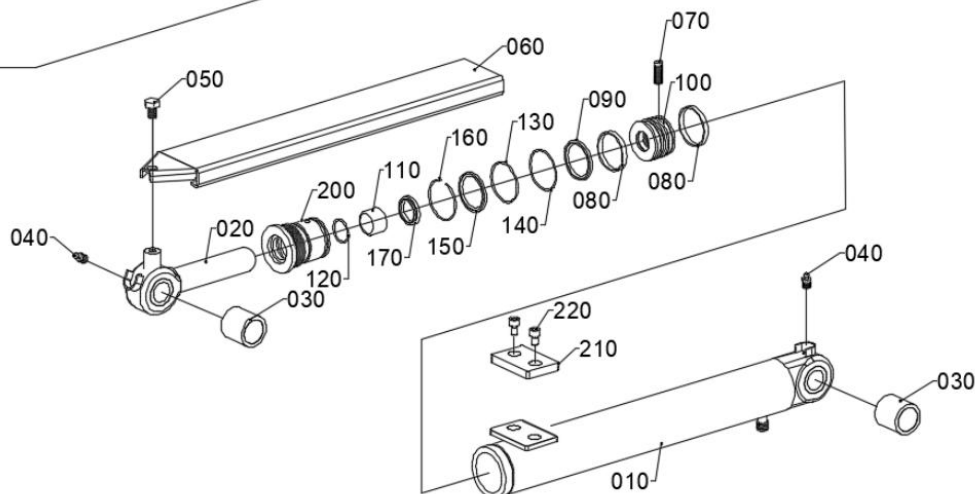
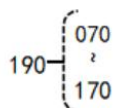
**L001**

油缸 (动臂)  
BOOM CYLINDER

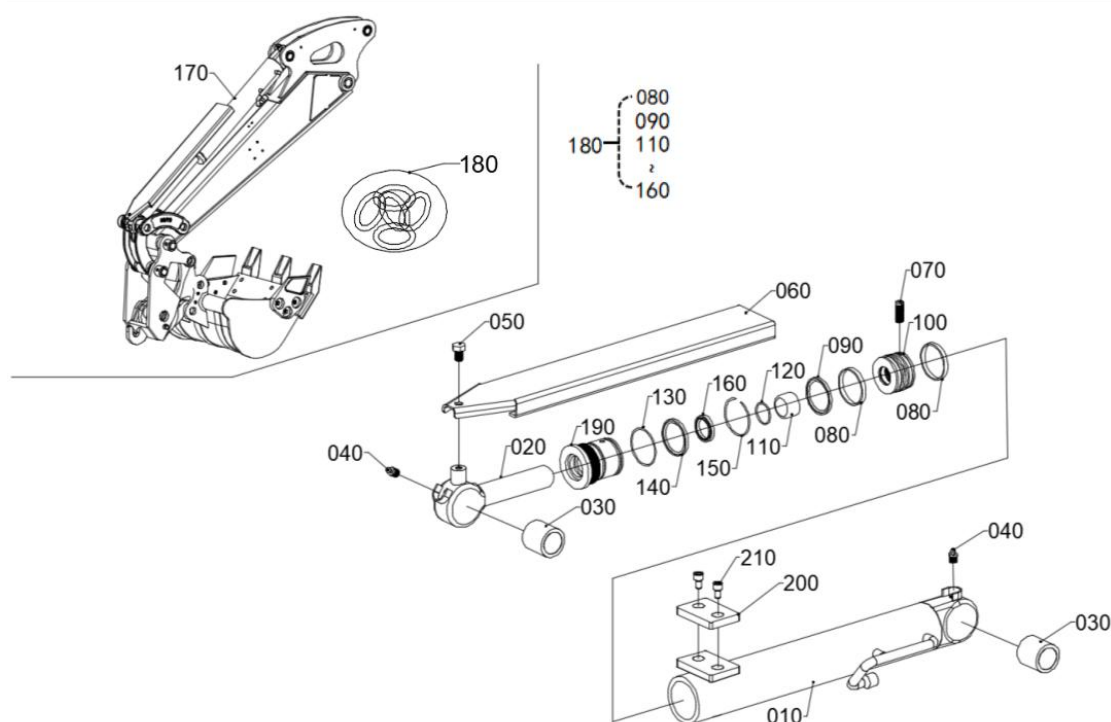
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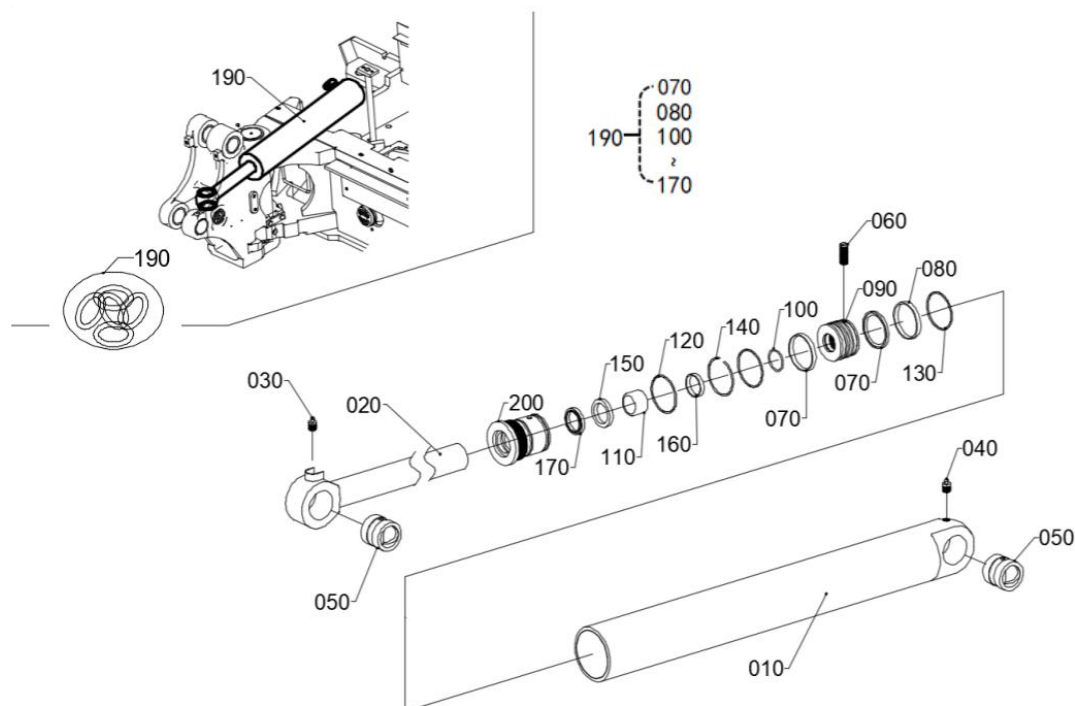




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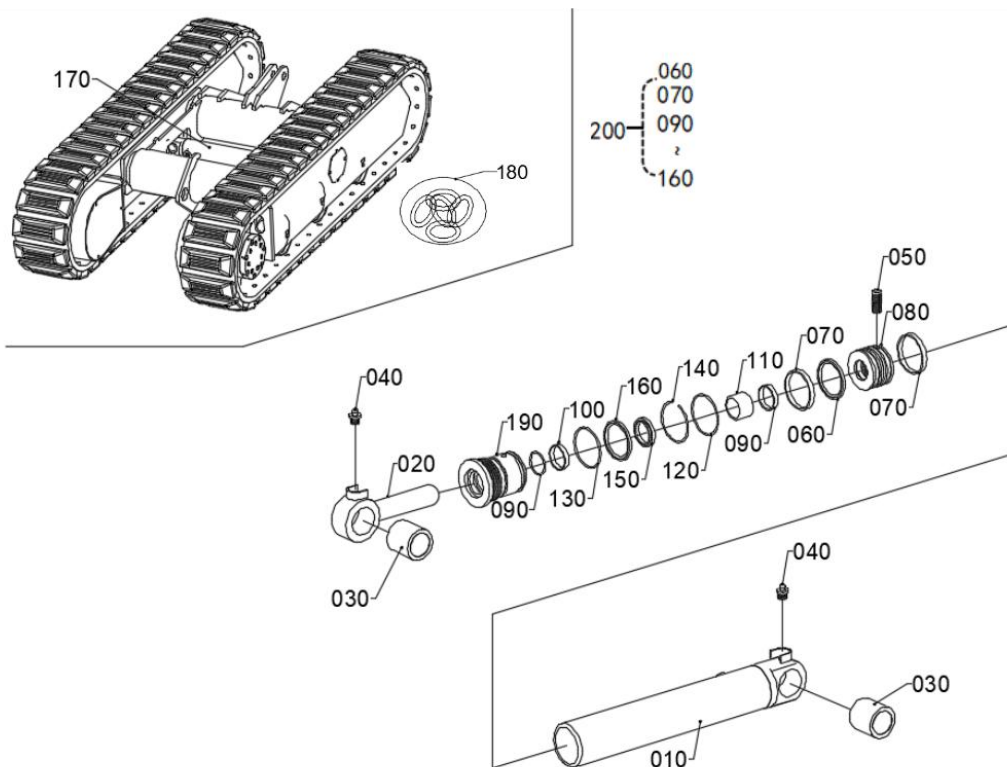
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$\Leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

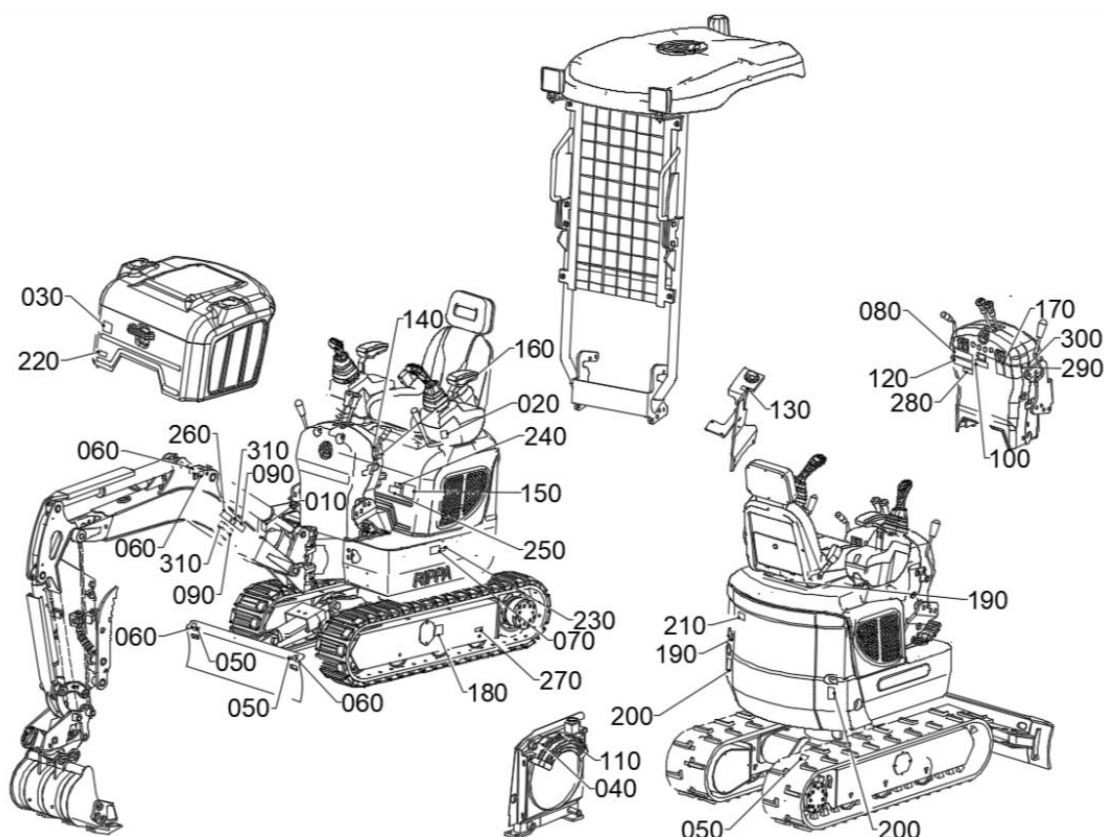




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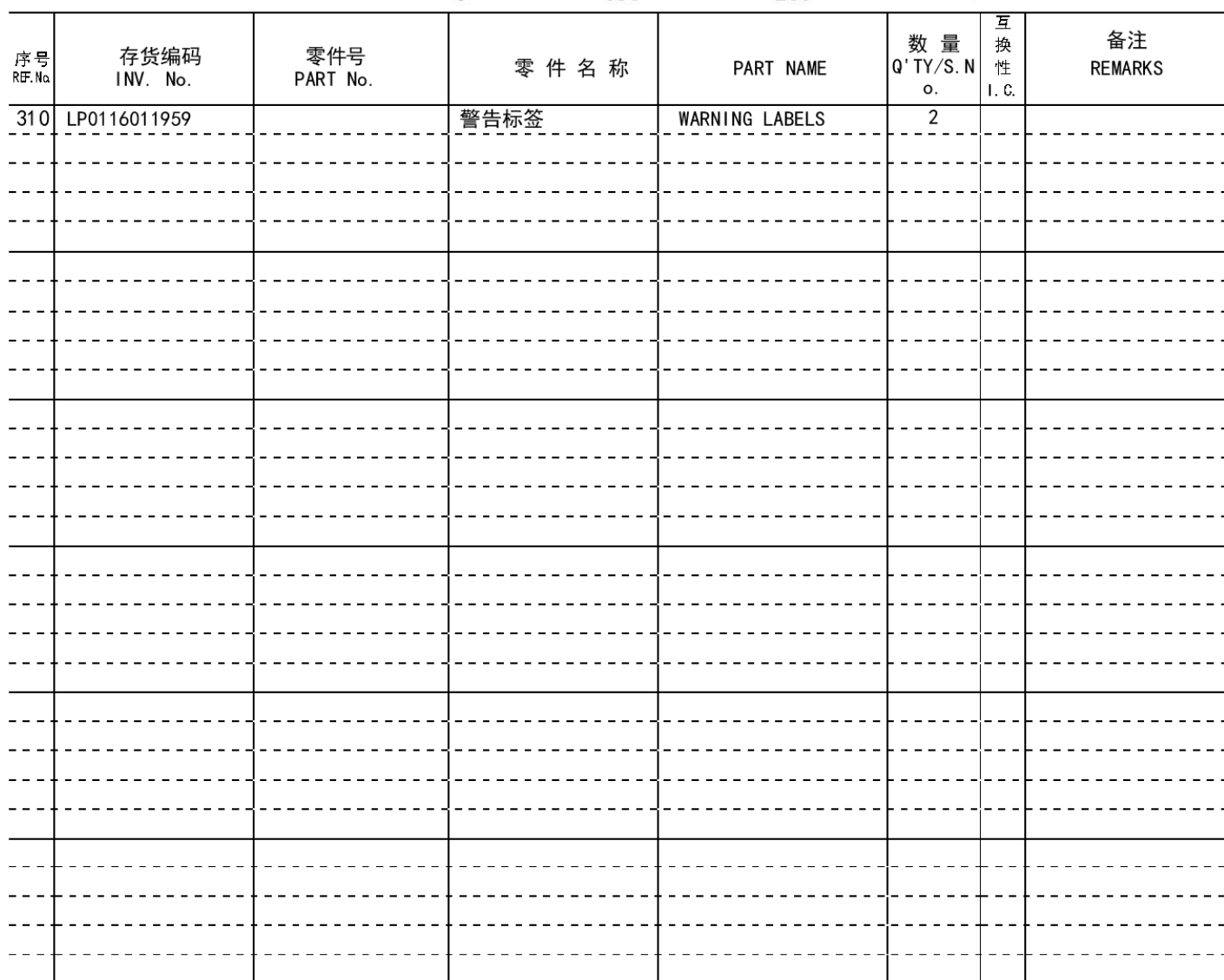
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M001

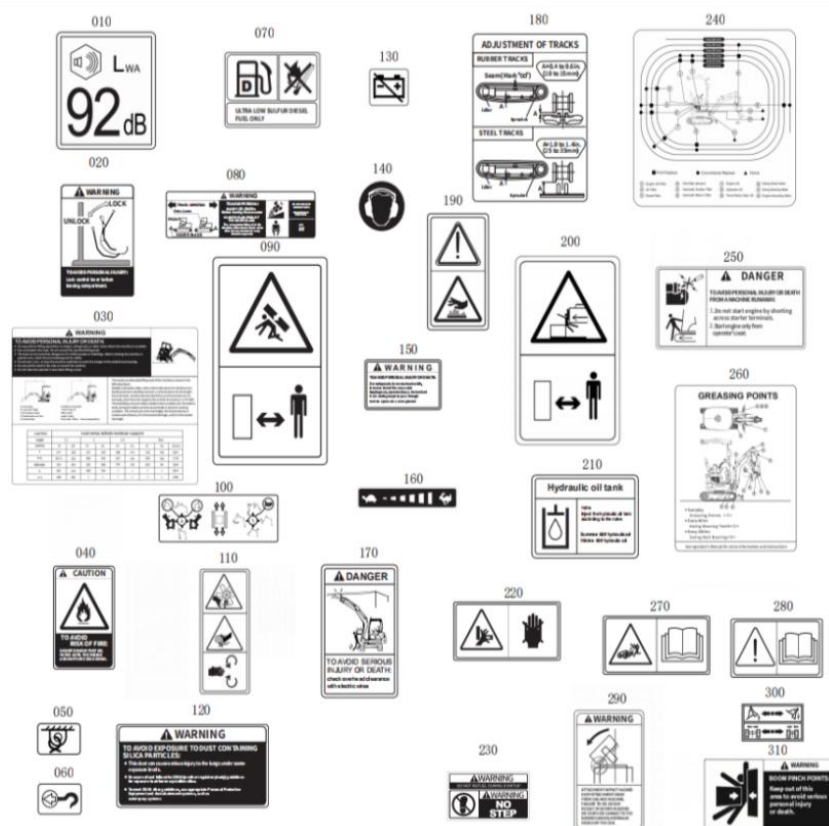
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LABEL

| 序号<br>REF. No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME          | 数量<br>Q'TY/S. N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|----------------|------------------|-----------------|----------|--------------------|-----------------------|----------------------|---------------|
| 010            | LP0116011957     |                 | 标签       | LABEL              | 1                     |                      |               |
| 020            | LP0116011958     |                 | 安全锁标签    | SAFETY LOCK LABELS | 1                     |                      |               |
| 030            | LP0116012008     |                 | 计算标签     | LABEL              | 1                     |                      |               |
| 040            | LP0116011987     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 050            | LP0116011962     |                 | 标签       | LABEL              | 3                     |                      |               |
| 060            | LP0116011963     |                 | 标签       | LABEL              | 4                     |                      |               |
| 070            | LP0116011970     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 080            | LP0116011965     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 090            | LP0116011960     |                 | 注意标签     | LABEL, CAUTION     | 2                     |                      |               |
| 100            | LP0116011973     |                 | 操作标签     | OPERATION LABELS   | 1                     |                      |               |
| 110            | LP0116011988     |                 | 风扇警告标签   | LABEL, FAN WARNING | 1                     |                      |               |
| 120            | LP0116011989     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 130            | LP0116011972     |                 | 标签       | LABEL              | 1                     |                      |               |
| 140            | LP0116011971     |                 | 标签       | LABEL              | 1                     |                      |               |
| 150            | LP0116011966     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 160            | LP0116012001     |                 | 标签       | LABEL              | 1                     |                      |               |
| 170            | LP0116011975     |                 | “小心触电”标签 | LABEL              | 1                     |                      |               |
| 180            | LP0116011977     |                 | 标签       | LABEL              | 1                     |                      |               |
| 190            | LP0116011978     |                 | 警告标签     | WARNING LABELS     | 2                     |                      |               |
| 200            | LP0116011979     |                 | 注意标签     | LABEL, CAUTION     | 2                     |                      |               |
| 210            | LP0116011974     |                 | 标签       | LABEL              | 1                     |                      |               |
| 220            | LP0116011981     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 230            | LP0116011968     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 240            | LP0116012009     |                 | 标签       | LABEL              | 1                     |                      |               |
| 250            | LP0116011980     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 260            | LP0116012010     |                 | 标签       | LABEL              | 1                     |                      |               |
| 270            | LP0116011982     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 280            | LP0116011984     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 290            | LP0116011969     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 300            | LP0116012004     |                 | 操作标签     | OPERATION LABELS   | 1                     |                      |               |

↔ 可互换； ≠ 不可互换； ← 以新换旧； → 以旧换新

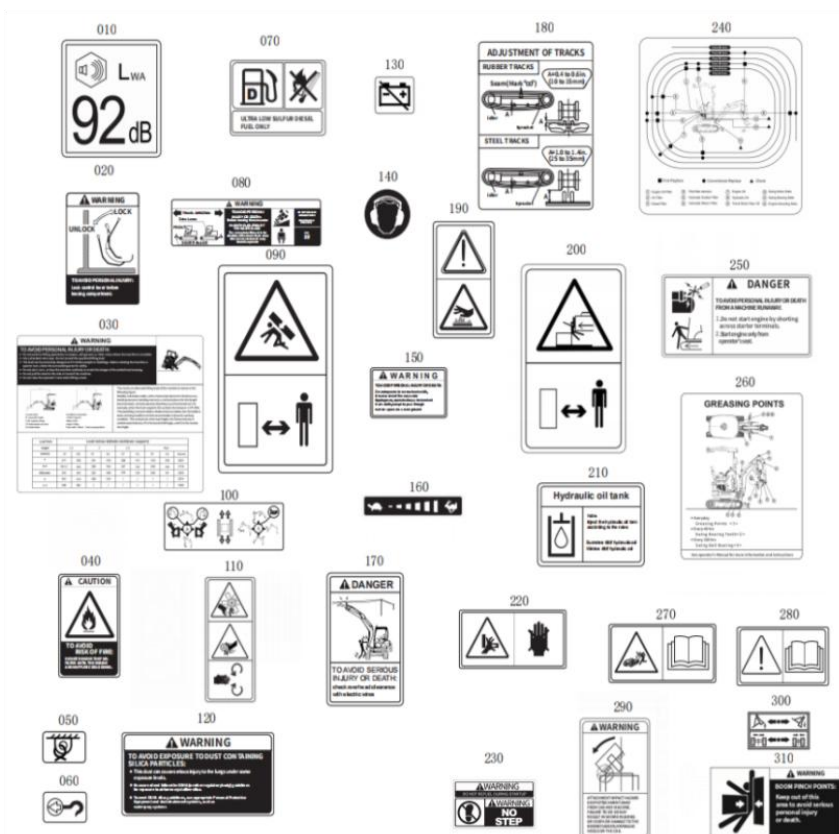


M002

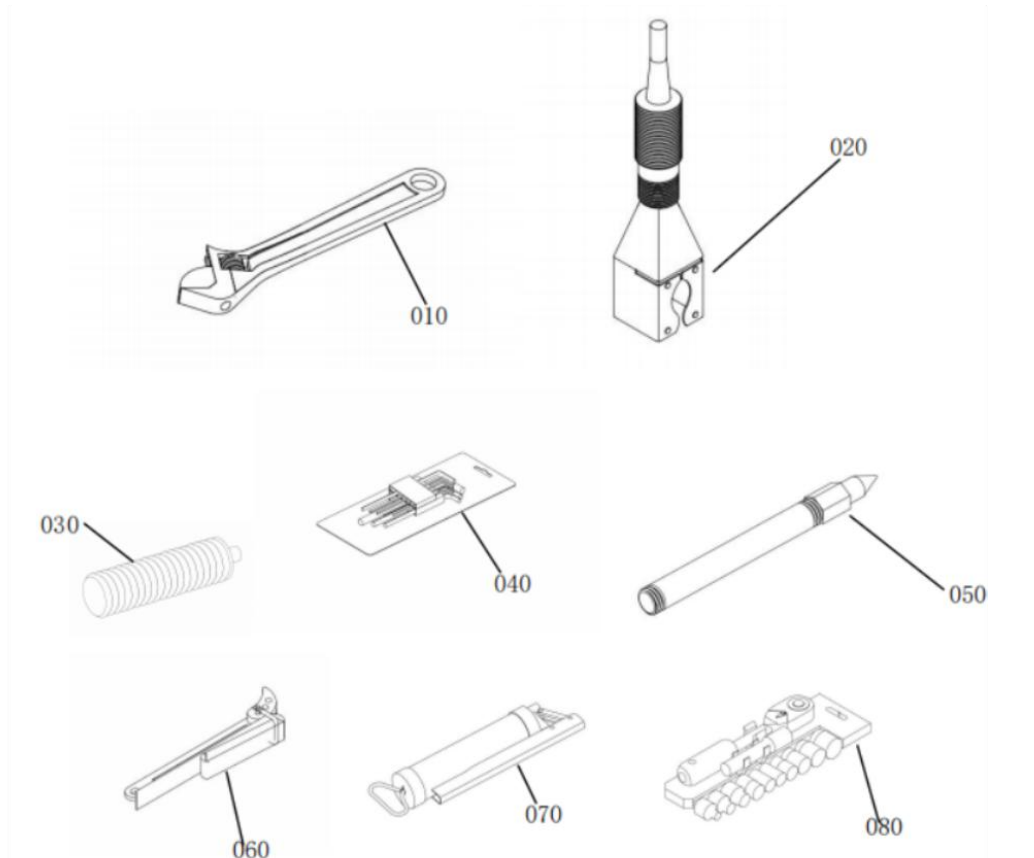
标签  
LABEL

| 序号<br>REF.No. | 存货编码<br>INV. No. | 零件号<br>PART No. | 零件名称     | PART NAME          | 数量<br>Q'TY/S. N<br>o. | 互<br>换<br>性<br>I. C. | 备注<br>REMARKS |
|---------------|------------------|-----------------|----------|--------------------|-----------------------|----------------------|---------------|
| 010           | LP0116011957     |                 | 标签       | LABEL              | 1                     |                      |               |
| 020           | LP0116011958     |                 | 安全锁标签    | SAFETY LOCK LABELS | 1                     |                      |               |
| 030           | LP0116012008     |                 | 计算标签     | LABEL              | 1                     |                      |               |
| 040           | LP0116011987     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 050           | LP0116011962     |                 | 标签       | LABEL              | 3                     |                      |               |
| 060           | LP0116011963     |                 | 标签       | LABEL              | 4                     |                      |               |
| 070           | LP0116011970     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 080           | LP0116011965     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 090           | LP0116011960     |                 | 注意标签     | LABEL, CAUTION     | 2                     |                      |               |
| 100           | LP0116011973     |                 | 操作标签     | OPERATION LABELS   | 1                     |                      |               |
| 110           | LP0116011988     |                 | 风扇警告标签   | LABEL, FAN WARNING | 1                     |                      |               |
| 120           | LP0116011989     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 130           | LP0116011972     |                 | 标签       | LABEL              | 1                     |                      |               |
| 140           | LP0116011971     |                 | 标签       | LABEL              | 1                     |                      |               |
| 150           | LP0116011966     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 160           | LP0116012001     |                 | 标签       | LABEL              | 1                     |                      |               |
| 170           | LP0116011975     |                 | “小心触电”标签 | LABEL              | 1                     |                      |               |
| 180           | LP0116011977     |                 | 标签       | LABEL              | 1                     |                      |               |
| 190           | LP0116011978     |                 | 警告标签     | WARNING LABELS     | 2                     |                      |               |
| 200           | LP0116011979     |                 | 注意标签     | LABEL, CAUTION     | 2                     |                      |               |
| 210           | LP0116011974     |                 | 标签       | LABEL              | 1                     |                      |               |
| 220           | LP0116011981     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 230           | LP0116011968     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 240           | LP0116012009     |                 | 标签       | LABEL              | 1                     |                      |               |
| 250           | LP0116011980     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 260           | LP0116012010     |                 | 标签       | LABEL              | 1                     |                      |               |
| 270           | LP0116011982     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 280           | LP0116011984     |                 | 注意标签     | LABEL, CAUTION     | 1                     |                      |               |
| 290           | LP0116011969     |                 | 警告标签     | WARNING LABELS     | 1                     |                      |               |
| 300           | LP0116012004     |                 | 操作标签     | OPERATION LABELS   | 1                     |                      |               |

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

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$\leftrightarrow$  可互换 ;  $\neq$  不可互换 ;  $\leftarrow$  以新换旧 ;  $\rightarrow$  以旧换新

