



SHANDONG RIPPA MACHINERY GROUP CO., LTD.

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PARTS MANUAL

R22 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R22-3 Pro车型。
4. 本零件表如有变更，恕不另行通知。

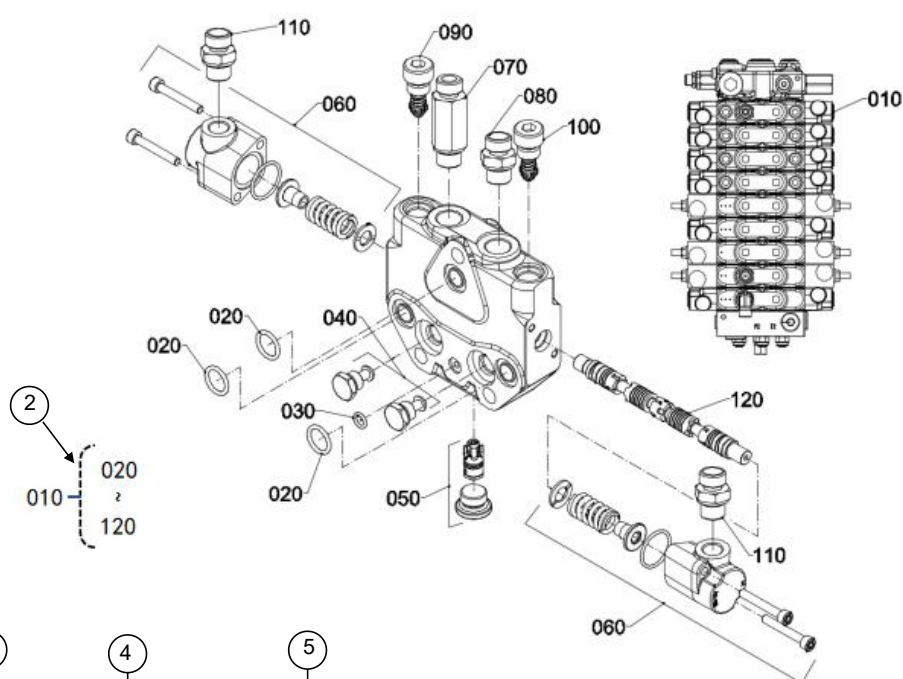
NOTICE

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 Parts List is applicable to the R22-3 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 序号 REF. No.	④ 存货编码 INV. No.	⑤ 零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. No.	⑥ 互 换 性 I. C.	⑦ 备注 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		

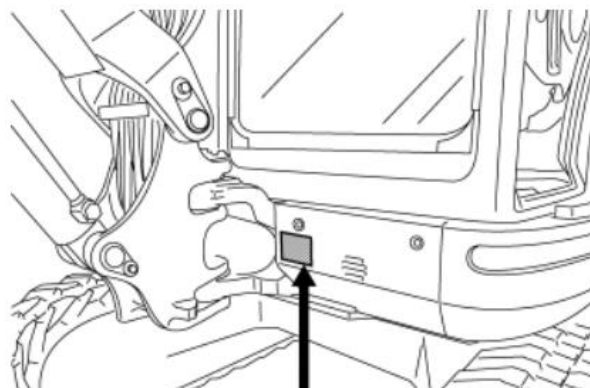
- ① 图号-----代表与每一组名称相对应的数字。
- ② 组件-----供一个装配用的组件可以通过一组虚线识别。
- ③ 序号 (REF. No.) -----参考数字是指在图解说明中特定的零部件由特定的数字代表。在图解中一个零部件的代号可以通过参考零部件目录上的同的参考数字而识别出来。
- ④ 存货编码-----每个零部件独一无二的识别代码，用于代表该部件。
- ⑤ 零件号-----零部件的规格型号或者该零部件的零件号。
- ⑥ 互换性-----表示由于设计上的变化部件的可互换型。
- 例 ≠ -----表示新老零部件之间不可以替换。
- 例 ← -----表示一个新部件可以替换一个老部件，相反则不行。
- 例 → -----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 (由购买者填写)	_____	_____

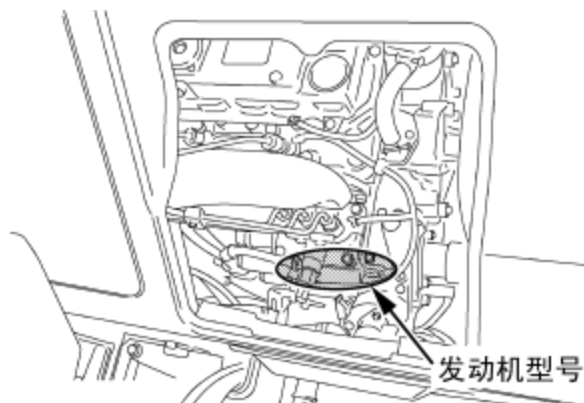


SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

Product Name	Hydraulic Excavator	Model	R22
Engine power(kw)	18.2	Operating Mass(kg)	2023
Serial Number	>LPR25060304<	Year	2025/6

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

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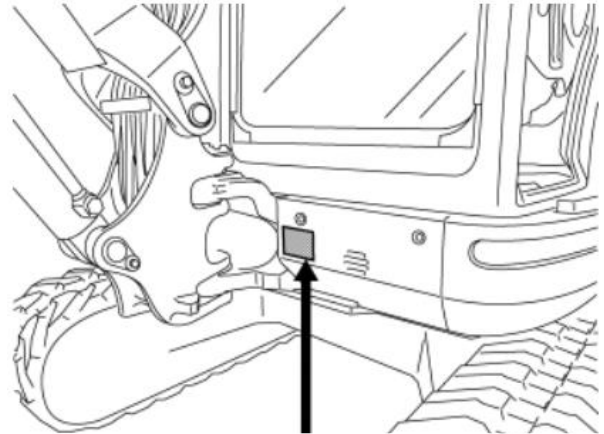


SERIAL NUMBER

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)

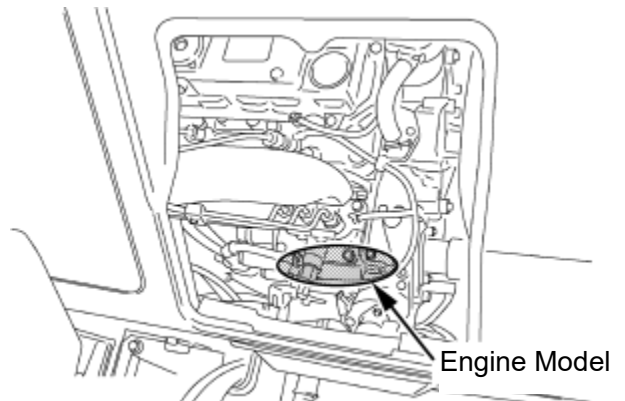


SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

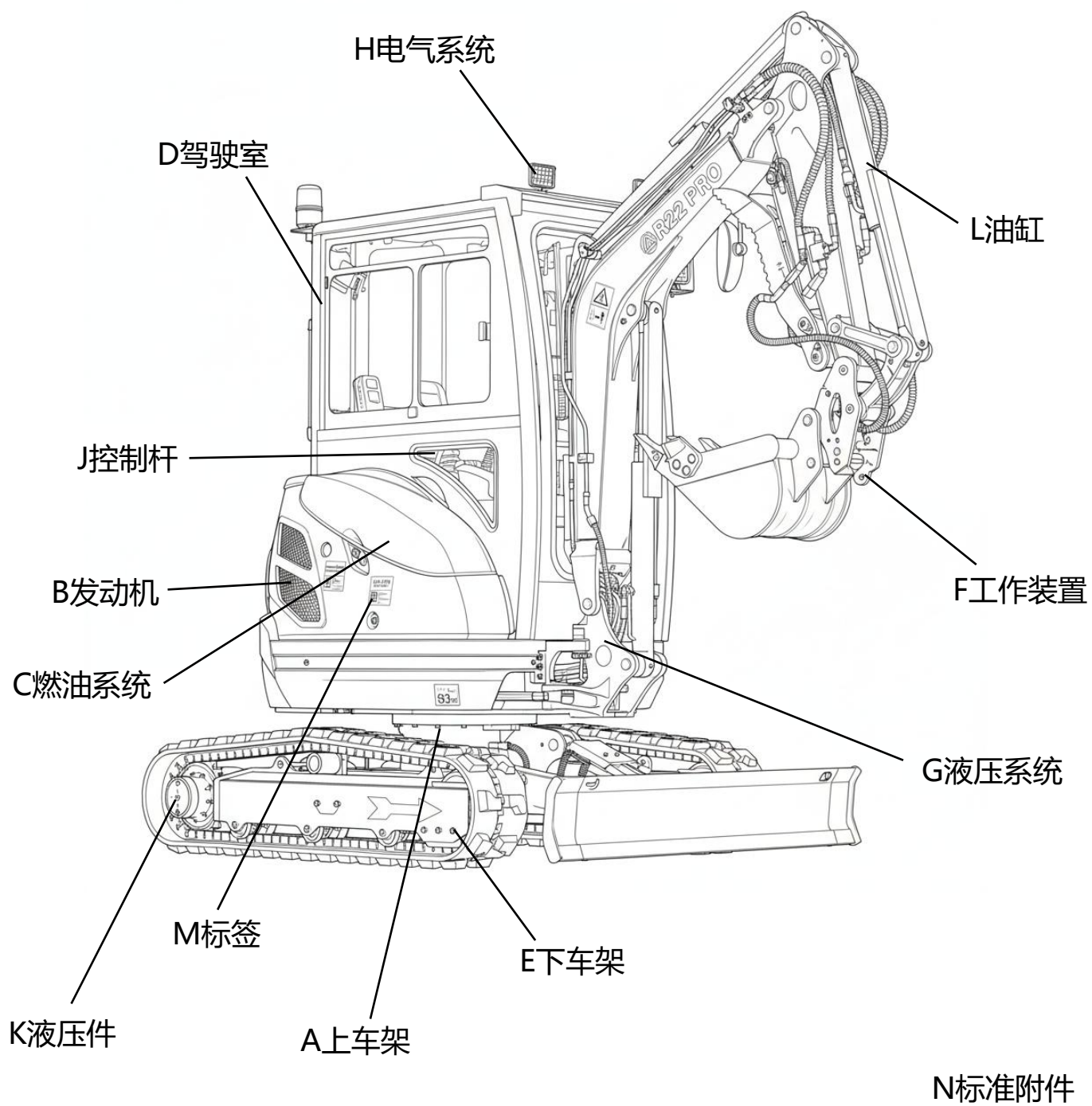
Product Name	Hydraulic Excavator	Model	R22
Engine power(kw)	18.2	Operating Mass(kg)	2023
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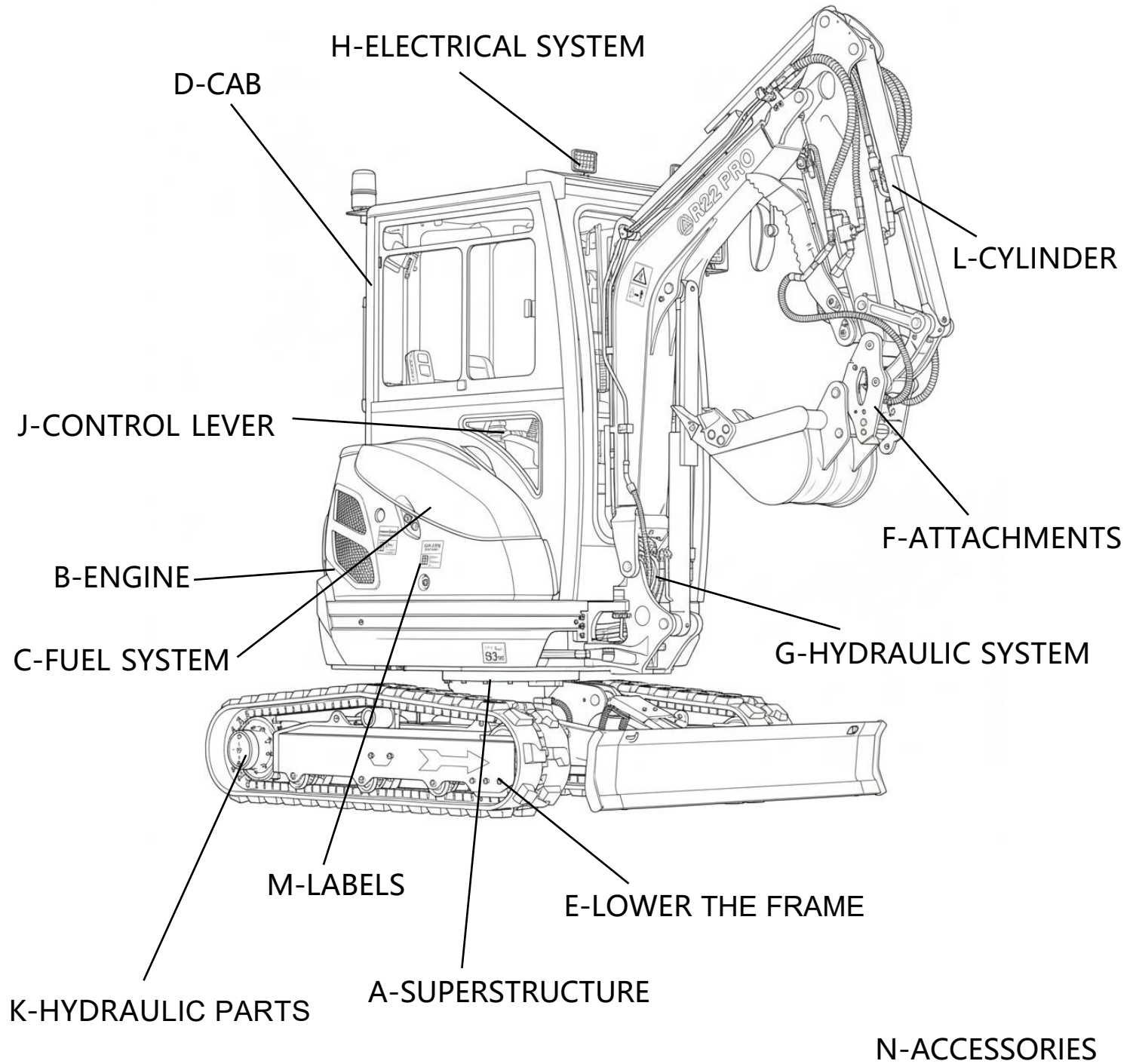
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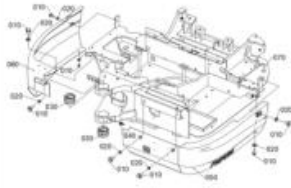
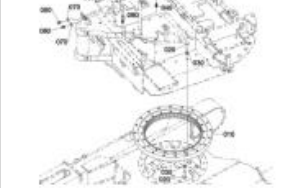
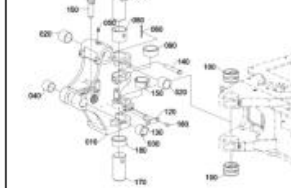
目录部分



SECTION CONTENTS



[如何阅读带图解内容]

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

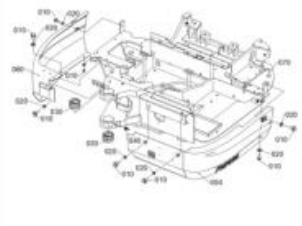
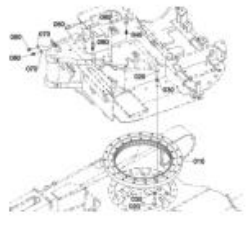
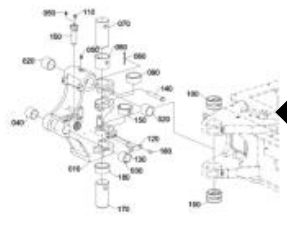
- 步骤 1：该处指目录中列出的项目。
- 步骤 2：这些为正文中给出的图号。（图号...0003）
- 步骤 3：为文本中的名称。
- 步骤 4：指文本中组件的图解。

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]

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

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

Fig.No. **A001**
 回转支撑
 SWIVEL BEARING

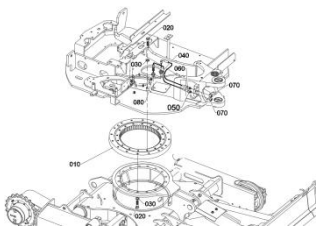


Fig.No. A002
动臂支架
BOOM BRACKET

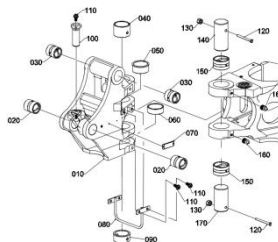


Fig.No. **A003**
下围护罩
CABIN (PARTITION PLATE)

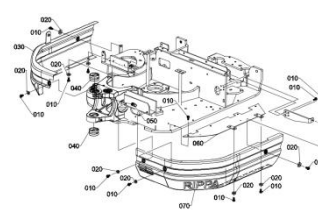


Fig.No. A004
右护罩
REAR SHIELD

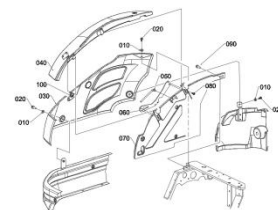


Fig.No. **A005**
配重
COUNTERWEIGHT

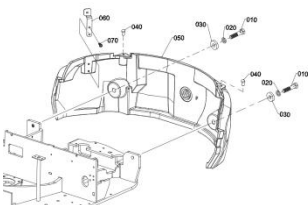


Fig.No.	A006
踏板	
PEDAL	

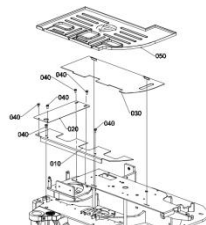


Fig.No.	A007
座椅支架	
SESEAT SUPPORT	

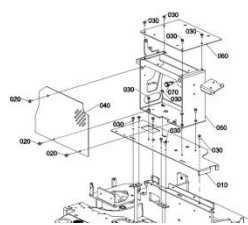


Fig.No.	A008
后护罩	
REAR SHIELD	

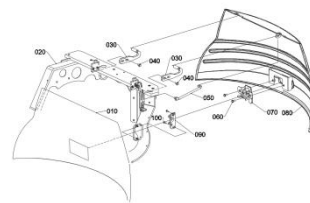


Fig.No. **A009**
座椅护罩, 左护罩
BOLT SHIELD, LEFT SHIELD

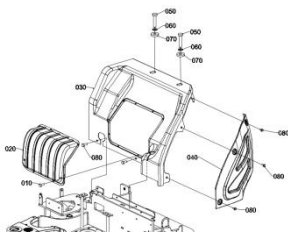


Fig.No.	A010
座椅	
SEAT	

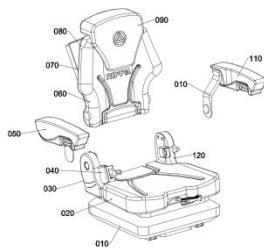


Fig.No.	A011
排气系统	
EXHAUST SYSTEM	

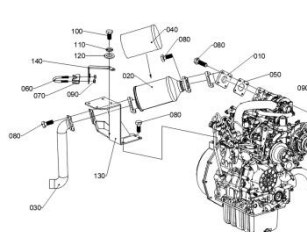
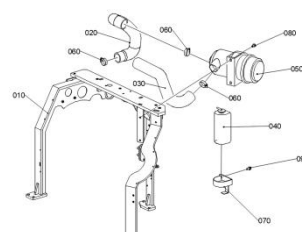


Fig.No.	A012
进气系统	
AIR INTAKE SYSTEM	



B 发动机	ENGINE
-------	--------

Fig.No.	B001
曲轴箱	
CRANKCASE	

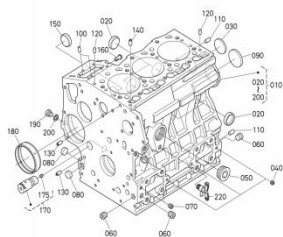


Fig.No.	B002
油盘	
OIL PAN	

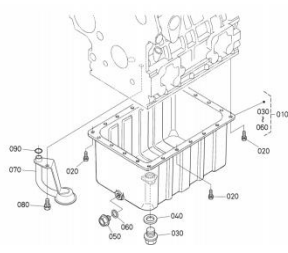


Fig.No.	B003
油缸头	
CYLINDER HEAD GEARBOX	

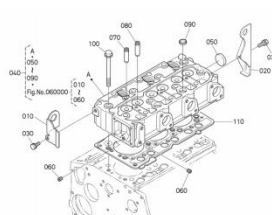


Fig.No.	B004
齿轮箱	
GEARBOX	

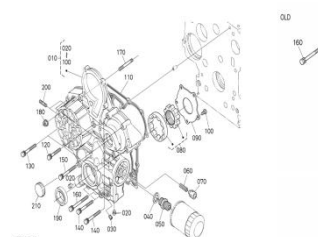


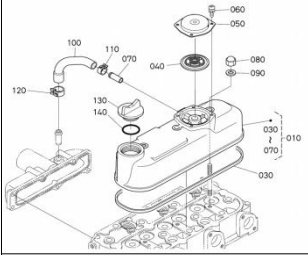
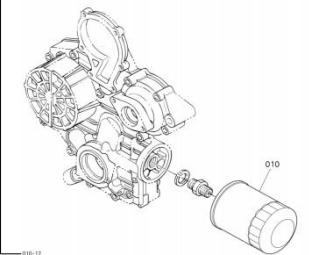
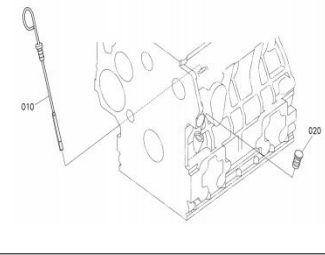
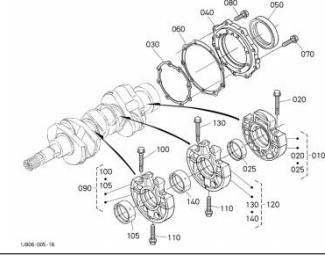
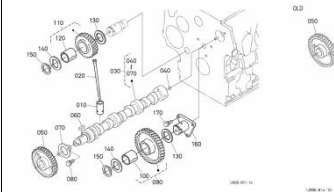
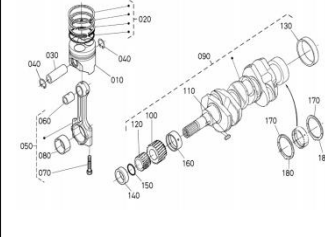
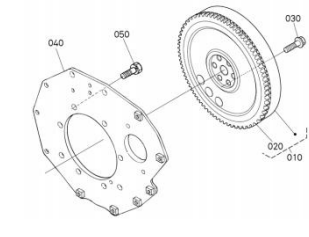
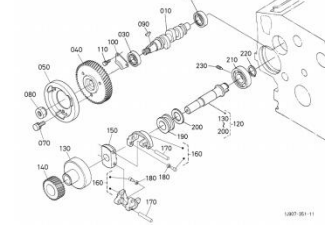
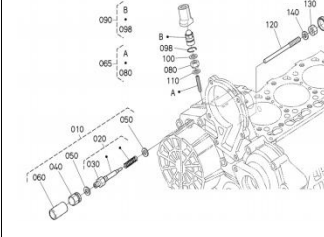
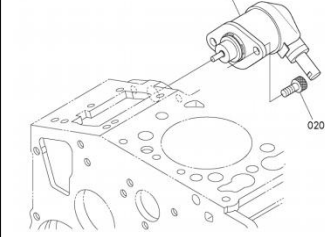
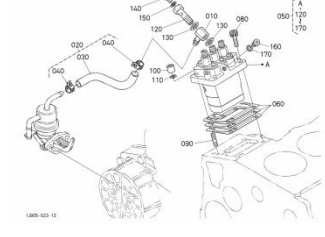
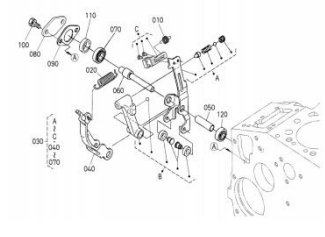
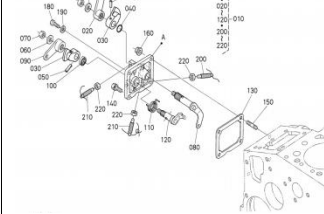
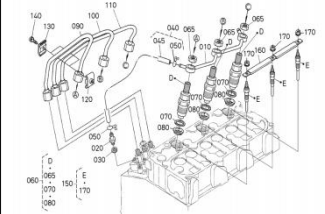
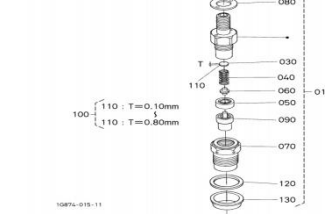
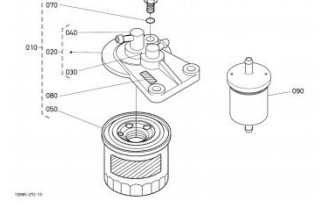
Fig.No. B005 顶盖 TOP COVER 	Fig.No. B006 机油滤清器 OIL FILTER 	Fig.No. B007 油量计 OIL GAUGE 	Fig.No. B008 主轴承箱 MAIN BEARING HOUSING 
Fig.No. B009 凸轮轴和中间齿轮轴 CAMSHAFT AND INTERMEDIATE GEAR SHAFT 	Fig.No. B010 活塞和曲柄轴 PISTON AND CRANKSHAFT 	Fig.No. B011 飞轮 FLYWHEEL 	Fig.No. B012 燃油凸轮轴和调速器轴 FUEL CAMSHAFT AND GOVERNOR SHAFT 
Fig.No. B013 怠速限制装置 IDLE SPEED LIMITING DEVICE 	Fig.No. B014 熄火电磁阀 FLAMEOUT SOLENOID VALVE 	Fig.No. B015 喷射泵 INJECTION PUMP 	Fig.No. B016 调速器 GOVERNOR 
Fig.No. B017 调速板 GOVERNOR BOARD 	Fig.No. B018 喷嘴座和电热塞 NOZZLE HOLDER GLOW PLUG 	Fig.No. B019 喷嘴座和电热塞 NOZZLE HOLDER 	Fig.No. B020 燃油滤清器 FUEL FILTER 

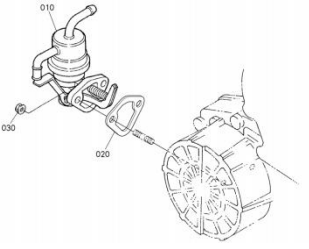
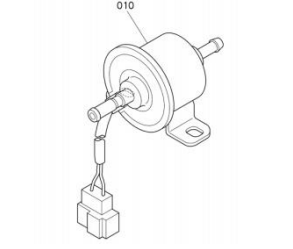
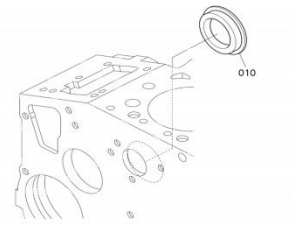
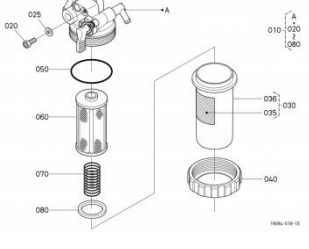
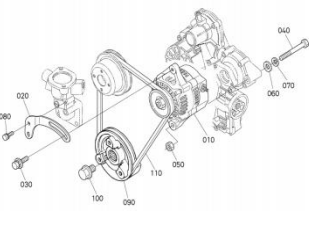
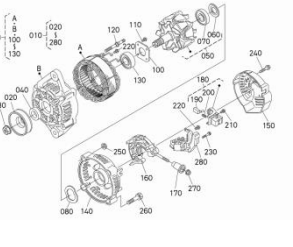
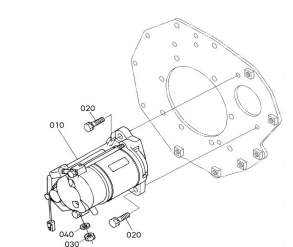
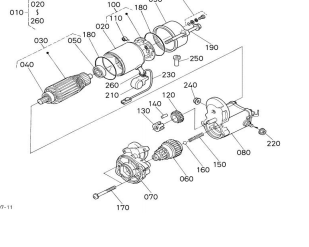
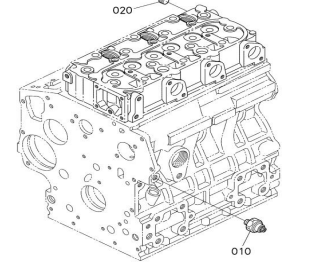
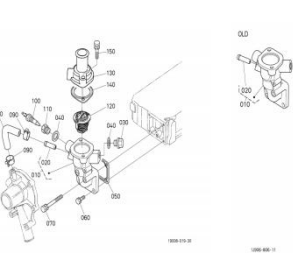
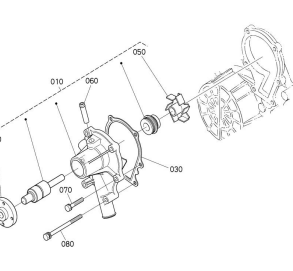
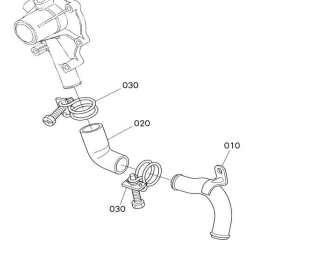
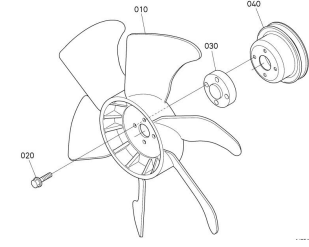
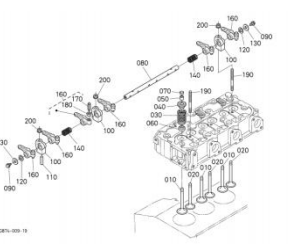
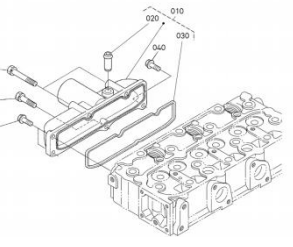
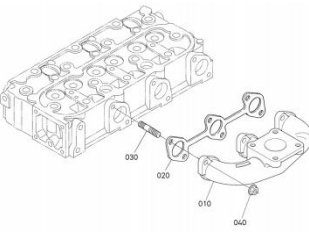
Fig.No. B021 燃油泵（机械式） MECHANICAL FUEL PUMP 	Fig.No. B022 燃油泵（电磁式） ELECTROMAGNETIC FUEL PUMP 	Fig.No. B023 燃油泵盖 FUEL PUMP COVER 	Fig.No. B024 油水分离器（组成部分） OIL-WATER SEPARATOR 
Fig.No. B025 交流发电机和皮带轮 ALTERNATOR PULLEY 	Fig.No. B026 交流发电机（组成部分） ALTERNATOR 	Fig.No. B027 起动机 ALTERNATOR 	Fig.No. B028 起动机（组成部分） STARTER MOTOR 
Fig.No. B029 机油开关 OIL SWITCH 	Fig.No. B030 进出水法兰和节温器 WATER INLET AND OUTLET FLANGES THERMOSTAT 	Fig.No. B031 水泵 WATER PUMP 	Fig.No. B032 水管 WATER PIPE 
Fig. No. B033 风扇 FAN 	Fig. No. B034 气门和摇臂 VALVE ROCKER ARM 	Fig. No. B035 进气歧管 INTAKE MANIFOLD 	Fig. No. B036 排气歧管 EXHAUST MANIFOLD 

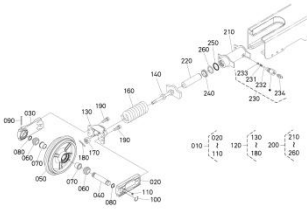
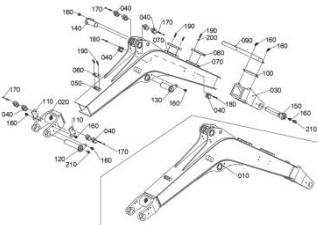
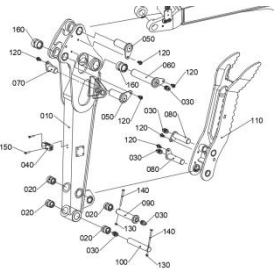
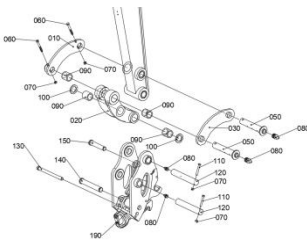
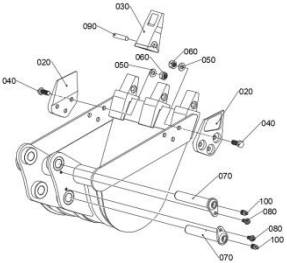
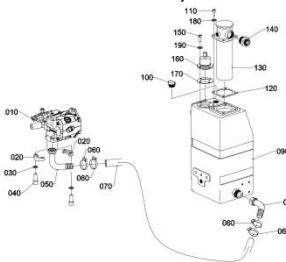
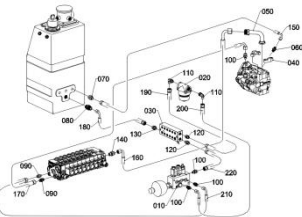
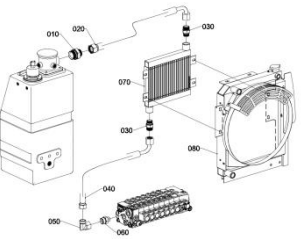
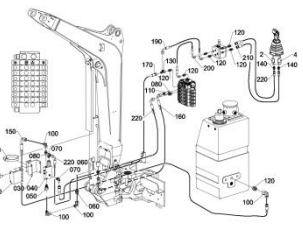
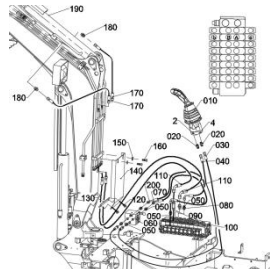
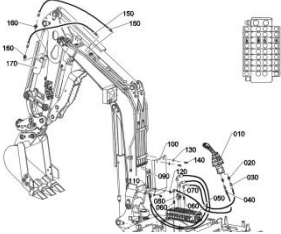
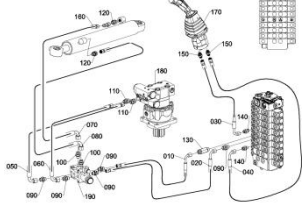
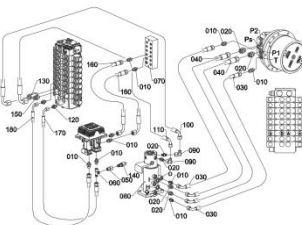
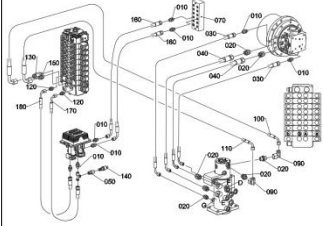
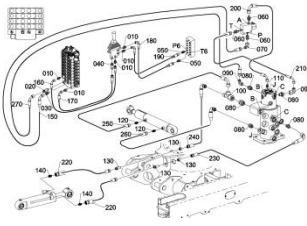
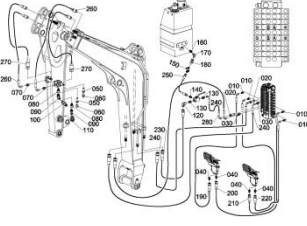
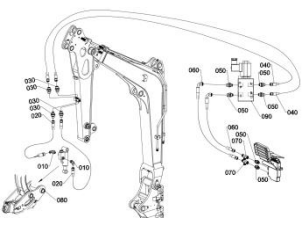
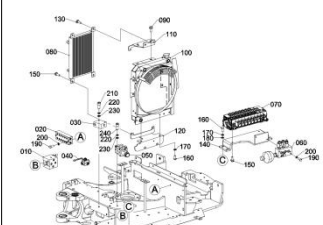
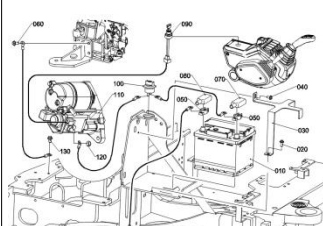
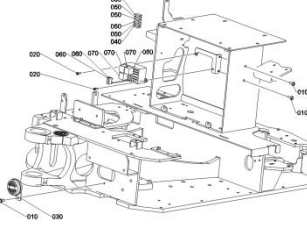
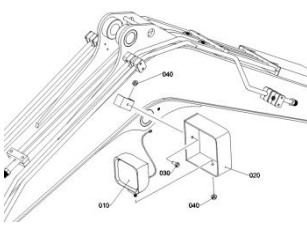
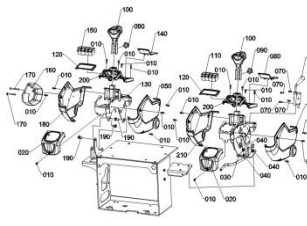
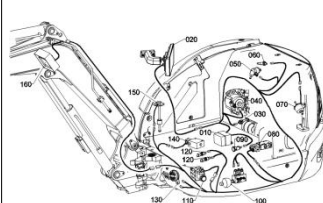
Fig.No. E005 引导轮 IDLER WHEEL 			
F 工作装置 ATTACHMENTS			
Fig.No. F001 工作装置（动臂） WORK DEVICE (BOOM) 	Fig.No. F002 工作装置（斗杆） WORK DEVICE (BUCKET ROD) 	Fig.No. F003 工作装置（连遥杆和快换） WORK DEVICE (CONNECTING ROD & QUICK-CHANGE) 	Fig.No. F004 工作装置（挖斗） WORK DEVICE (BUCKET) 
G 液压系统 HYDRAULIC SYSTEM			
Fig.No. G001 液压系统（主进油） HYDRAULIC SYSTEM (MAIN OIL INLET) 	Fig.No. G002 液压系统（输出） HYDRAULIC SYSTEM (DELIVERY) 	Fig.No. G003 液压系统（回流） HYDRAULIC SYSTEM (DELIVERY) 	Fig.No. G004 液压系统（动臂） HYDRAULIC SYSTEM (BOOM) 
Fig.No. G005 液压系统（斗杆） HYDRAULIC SYSTEM (ARM) 	Fig.No. G006 液压系统（挖斗） HYDRAULIC SYSTEM (BUCKET) 	Fig.No. G007 阀体部件(偏摆回转) HYDRAULIC SYSTEM (SWINGING ROTARY) 	Fig.No. G008 液压系统(左行走) SPOOL SECTION (TRAVEL LH) 

Fig.No. G009 液压系统(右行走) SPOOL SECTION(TRAVEL RH) 	Fig.No. G010 阀体部件(推土) SPOOL SECTION(BLADE) 	Fig.No. G011 阀体部件(破碎) SPOOL SECTION(CRUSHING) 	Fig.No. G012 阀体部件(快换) SPOOL SECTION(QUICK CHANGE) 
Fig.No. G013 液压件 HYDRAULIC PART 			
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 (元件) CONTROL LEVER (LEVER LH) 			

J 操作杆 CONTROL LEVER

Fig.No.J001
先导手柄（左手柄）
CONTROL LEVER
(LEVER LH)

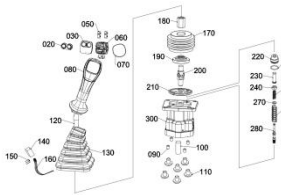


Fig.No. J002
先导手柄（右手柄）
CONTROL LEVER
(LEVER RH)

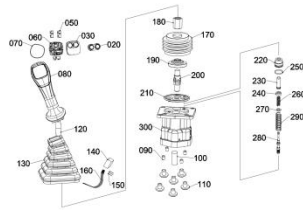


Fig.No. J003
破碎脚踏
BROKEN PEDAL

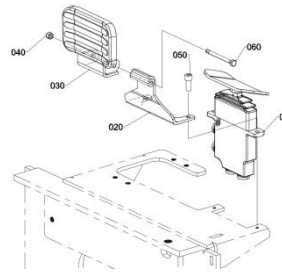
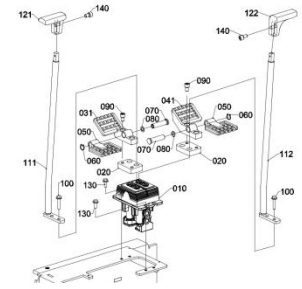


Fig.No. J004
行走阀、杆
WALKING VALVE, ROD



K 液压件 HYDRAULIC COMPONENTS

Fig.No. K000
多路阀
SPMULTI-WAY VALVE

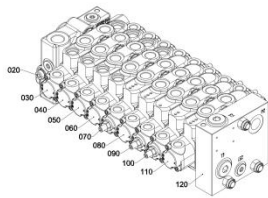


Fig.No. K001
阀体部件(进油)
SPOOL SECTION(OIL
INLET)

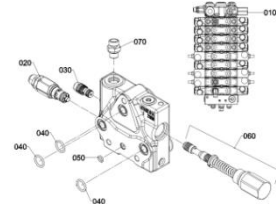


Fig.No. K002
阀体部件(动臂)
SPOOL SECTION(BOOM)

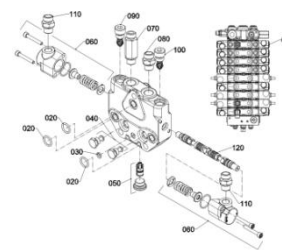


Fig.No.K003
阀体部件(斗杆)
SPOOL SECTION(ARM)

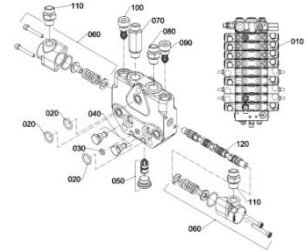


Fig.No. K004
阀体部件(铲斗)
SPOOL SECTION(BUCKET)

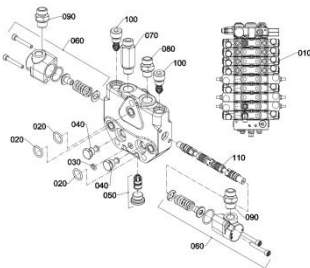


Fig.No. K005
阀体部件(破碎)
SPOOL
SECTION(CRUSHING)

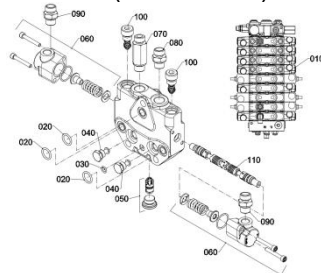


Fig.No. K006
阀体部件(回转)
SPOOL SECTION(SWING)

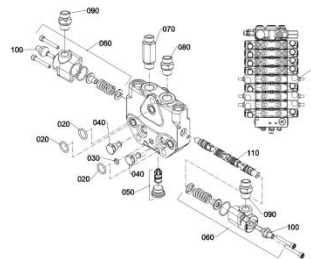


Fig.No. K007
阀体部件(偏摆)
SPOOL SECTION(YAW)

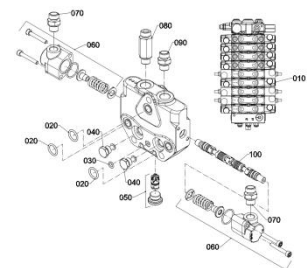


Fig.No. 008
阀体部件(左行走)
SPOOL SECTION(DRIVE
LH)

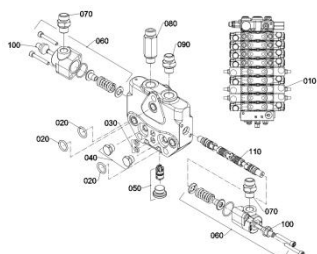


Fig.No. K009
阀体部件(右行走)
SPOOL SECTION(DRIVE
RH)

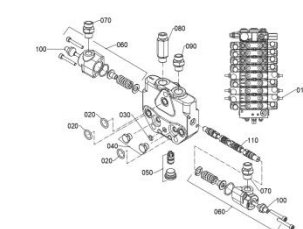


Fig.No. K010
阀体部件(推土)
SPOOL SECTION(BLADE)

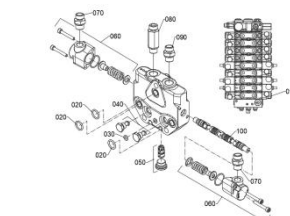


Fig.No. K011
端盖部件
END COVER COMPONENT

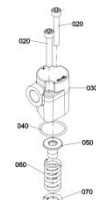


Fig.No. K012
限位端盖部件
LIMITING END COVER

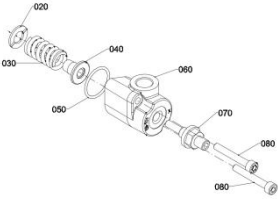


Fig.No. K013
柱塞泵和零件
PLUGER PUMP AND PARTS

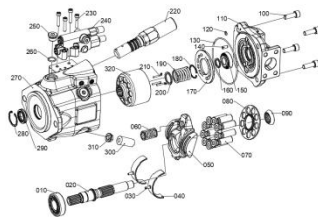


Fig.No. K014
回转马达
ROTARY MOTOR

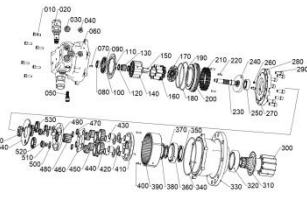
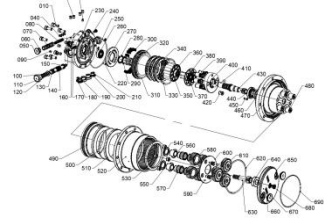


Fig.No. K015
行走马达
TRAVELING MOTOR



L 油缸 CYLINDER

Fig.No. L001
油缸（动臂）
BOOM CYLINDER

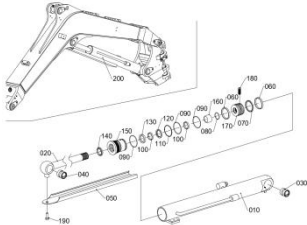


Fig.No. L002
油缸（斗杆）
ARM CYLINDER

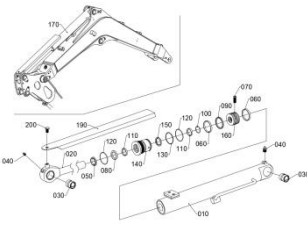


Fig.No. L003
油缸（挖斗）
BUCKET CYLINDER

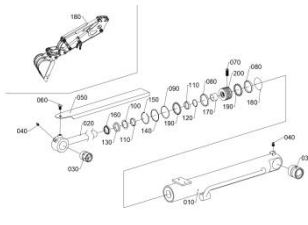


Fig.No. L004
油缸（动臂侧摆）
BOOM SWING CYLINDER

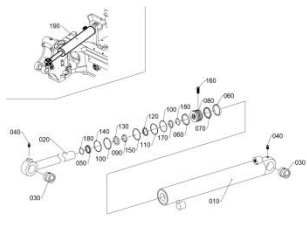


Fig.No. L005
油缸（推土铲）
DOZER BLADE CYLINDER

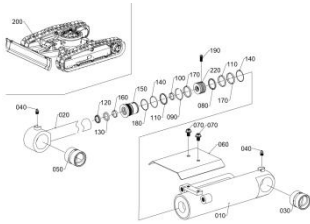
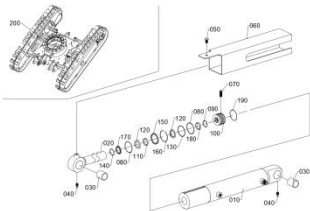


Fig.No. L006
油缸（伸缩）
DOZER BLADE CYLINDER



M 标签 LABELS

Fig.No. M001
标签
LABEL

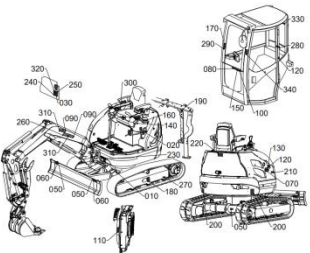


Fig.No. M002
标签
LABEL

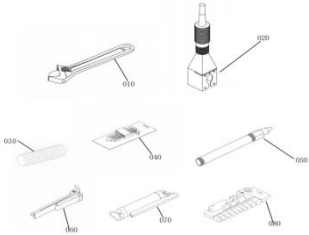


N标准附件
ACCESSORIES

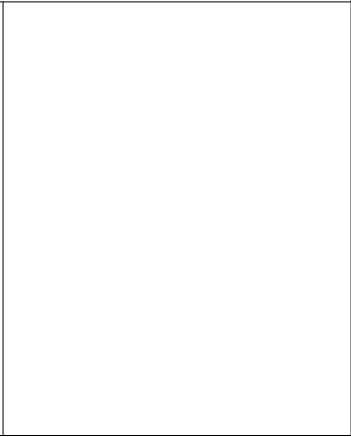
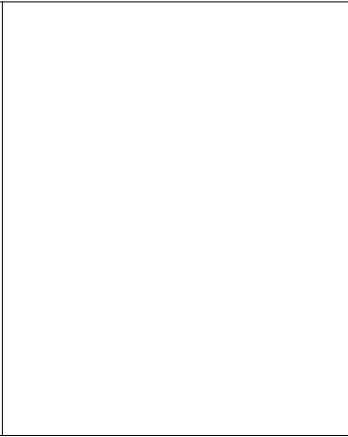
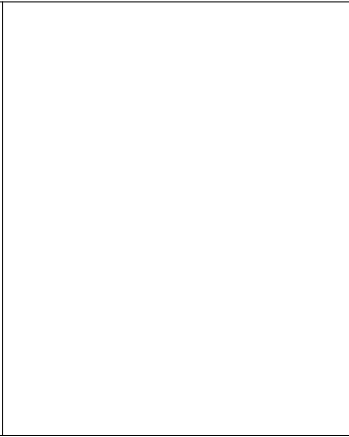
Fig.No. 001

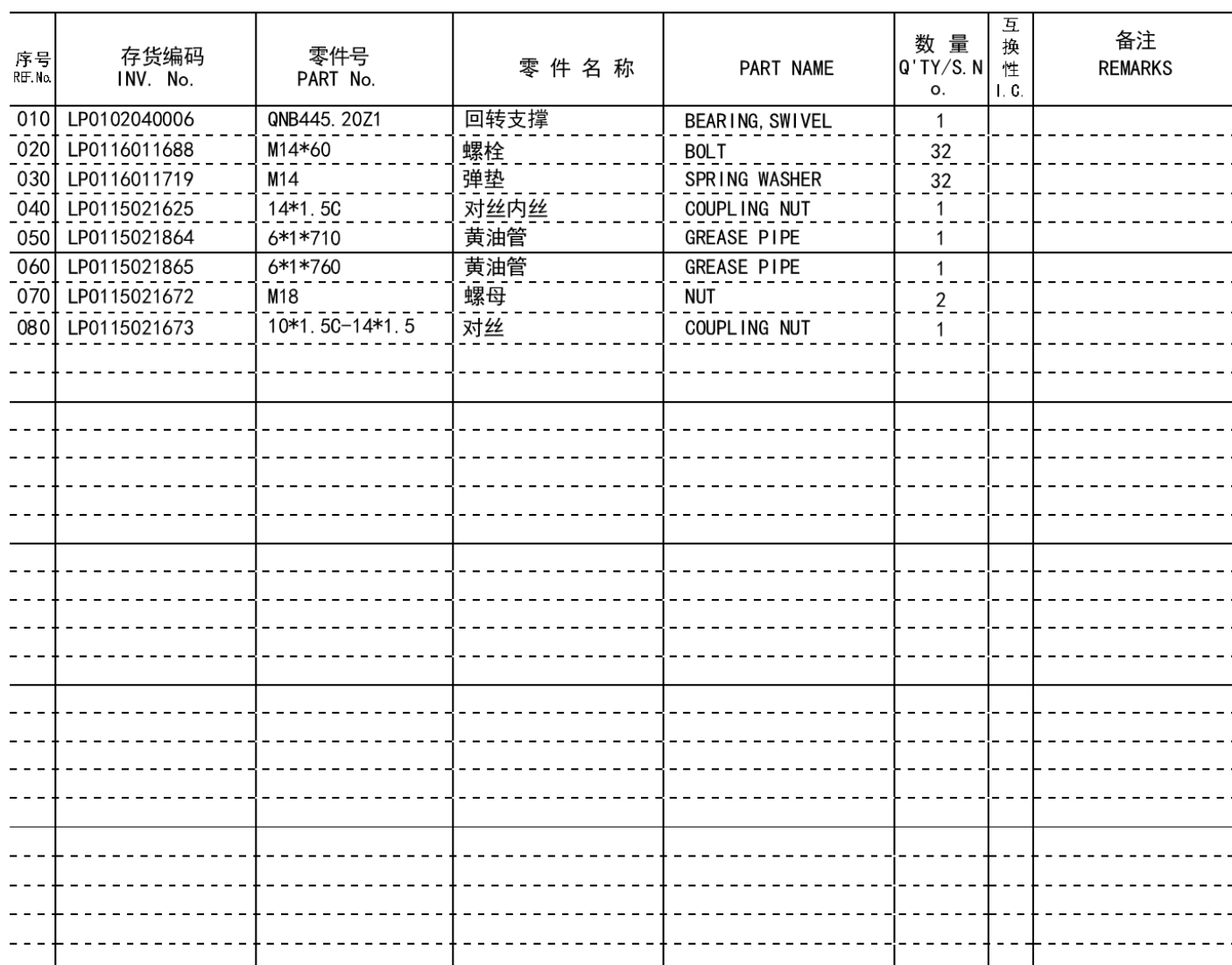
标准附件

ACCESSORIES



Technical drawings of accessories, labeled 010 through 060. The drawings include: 010 (a long thin component), 020 (a small rectangular component), 030 (a brush-like component), 040 (a small rectangular component), 050 (a small rectangular component), 060 (a long thin component with a handle), 070 (a small rectangular component), 080 (a small rectangular component), 090 (a small rectangular component), and 100 (a small rectangular component).





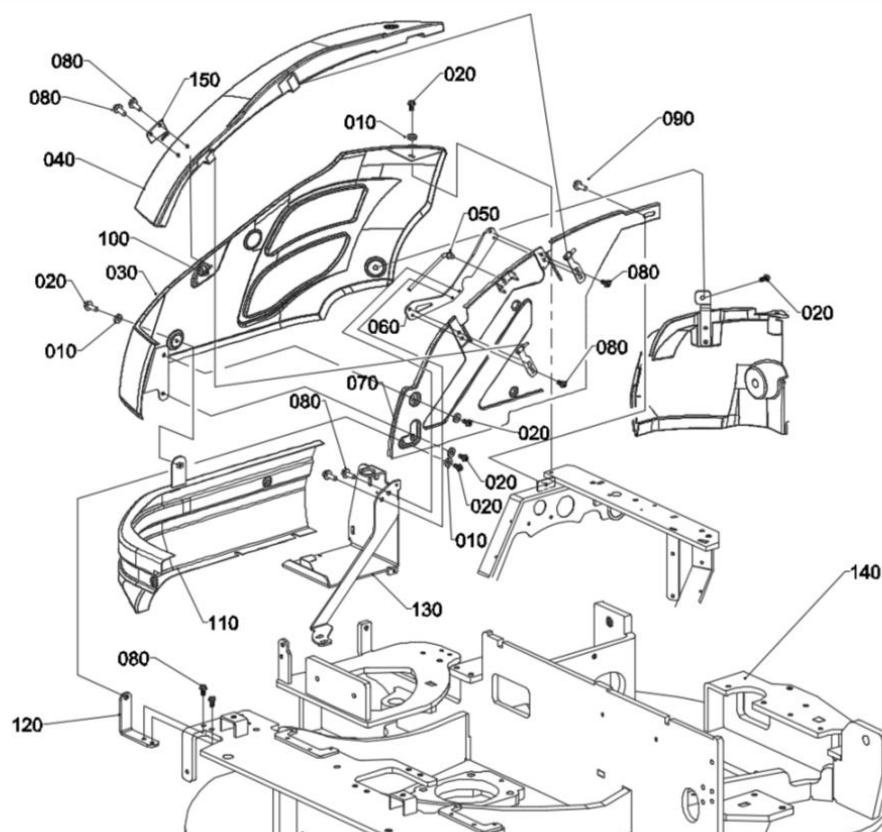
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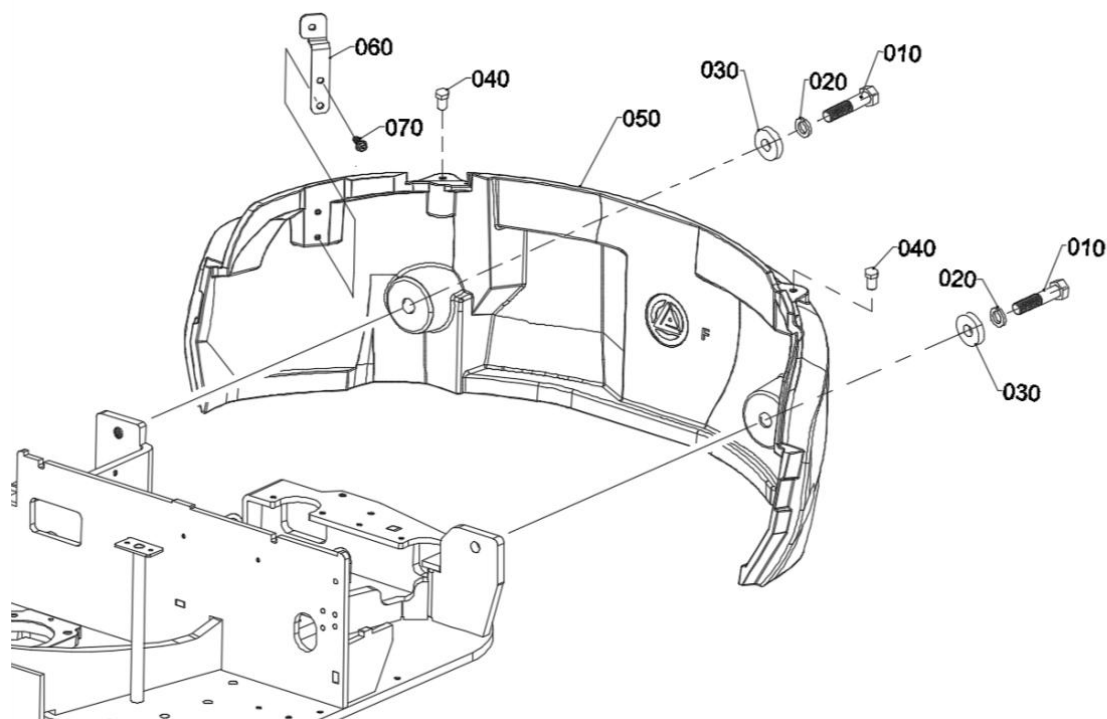
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3

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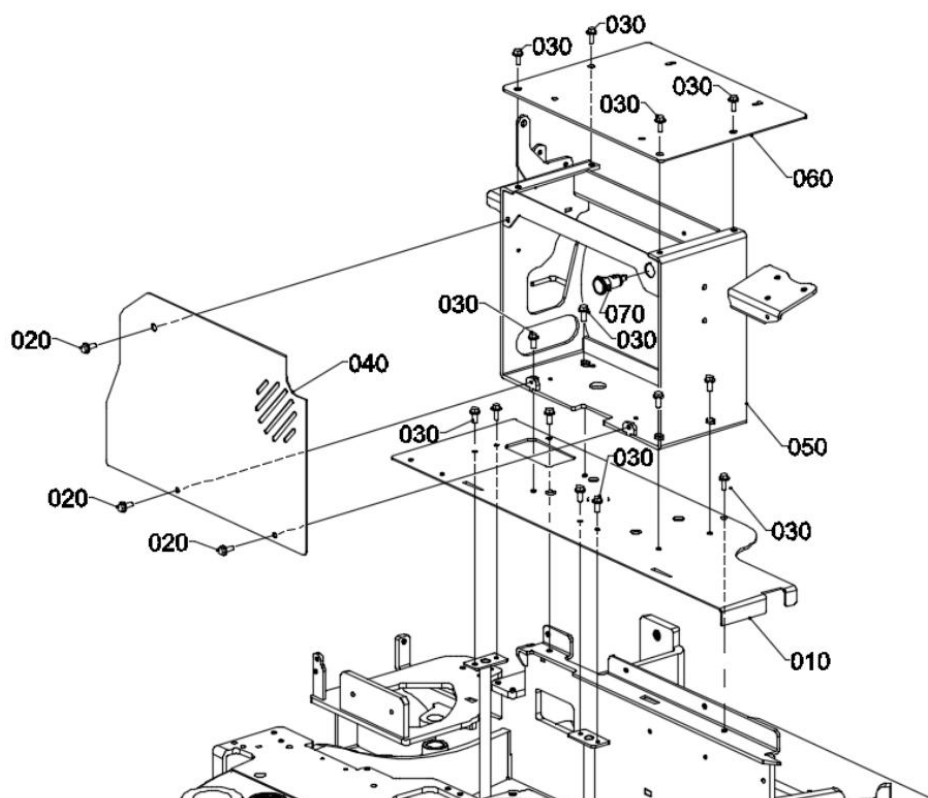
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[illegible]

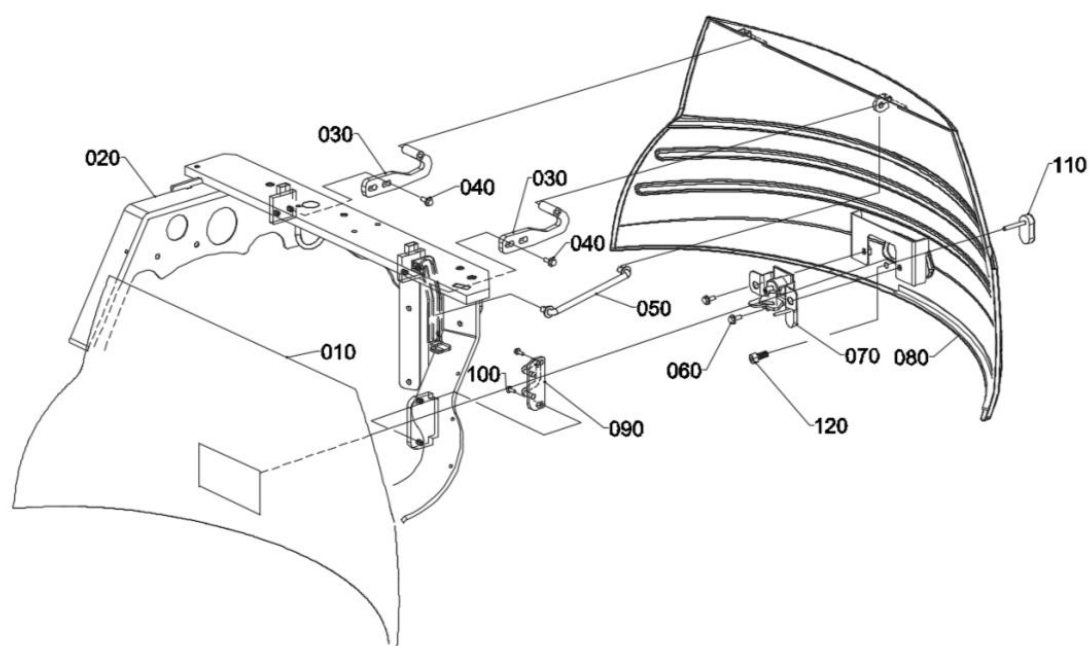
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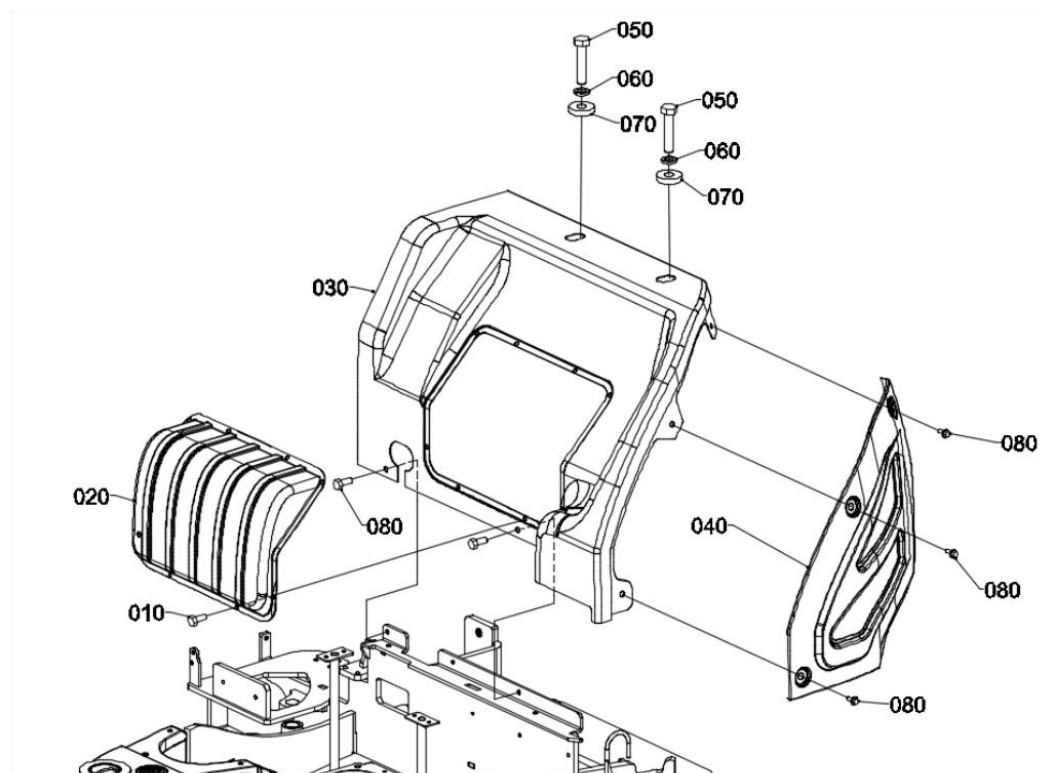
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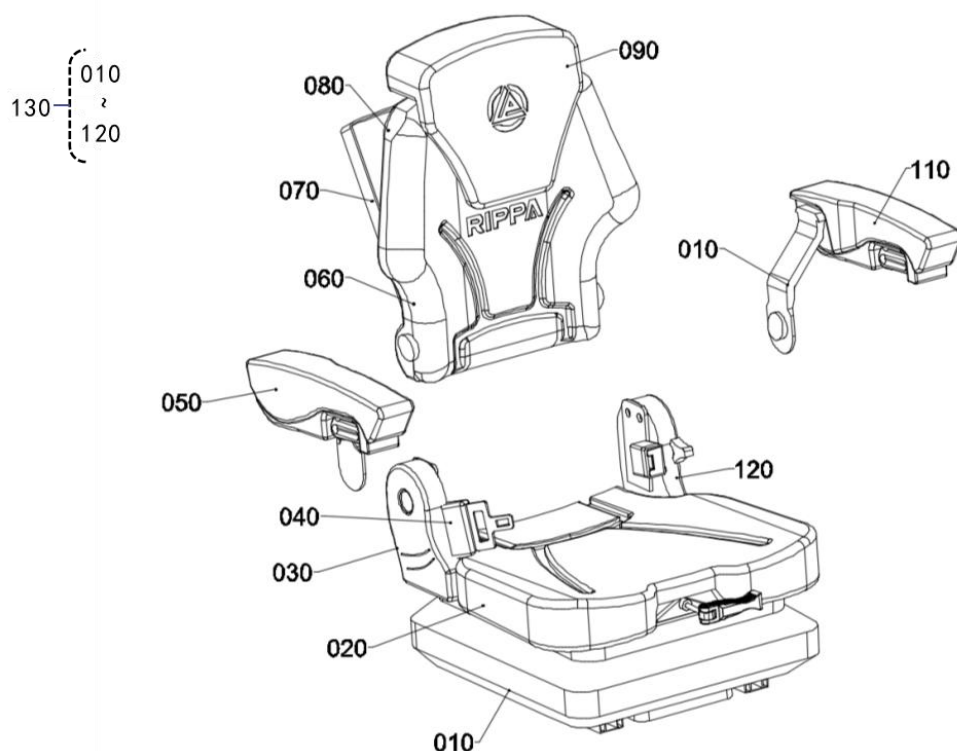
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[illegible]

$\Leftrightarrow$ 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]

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

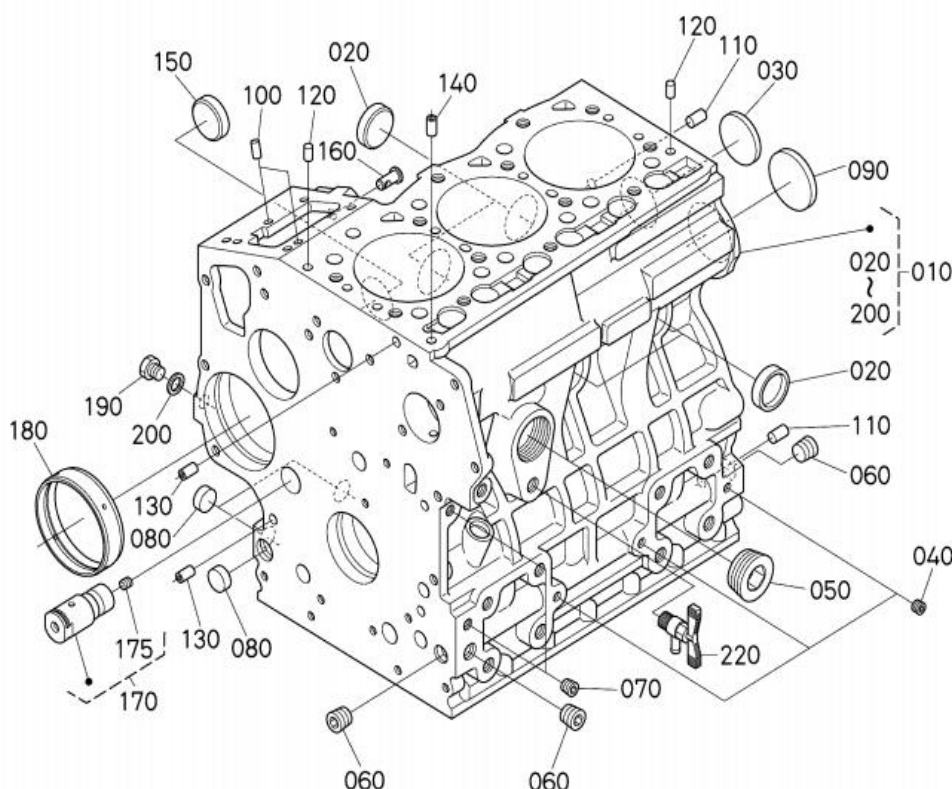


11



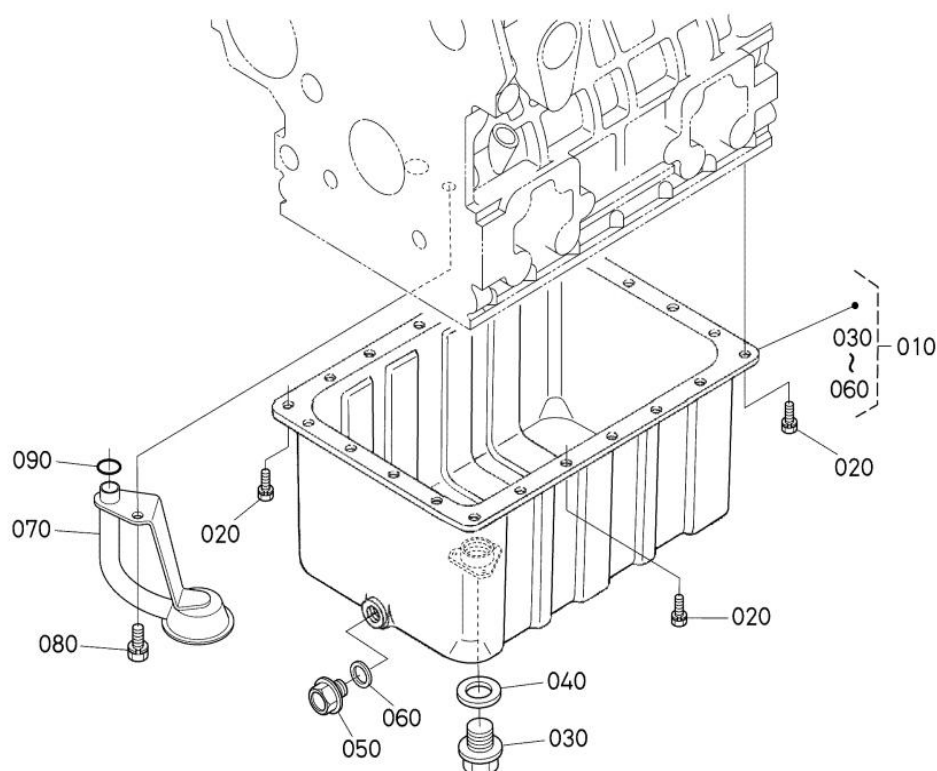
12



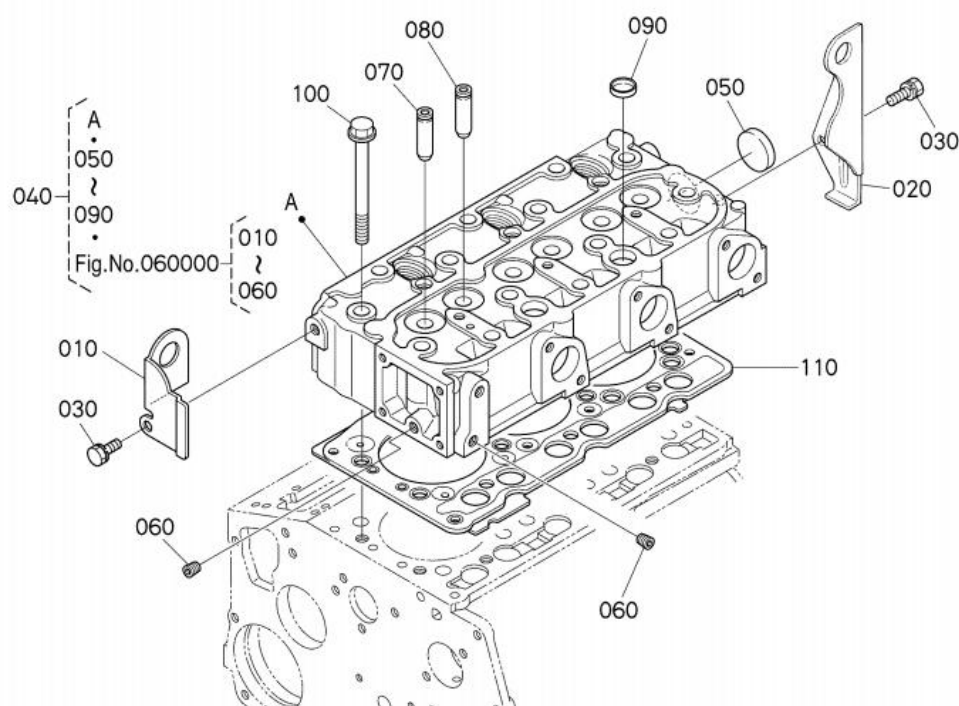
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$\longleftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\longleftarrow$ 以新换旧 ; $\longrightarrow$ 以旧换新

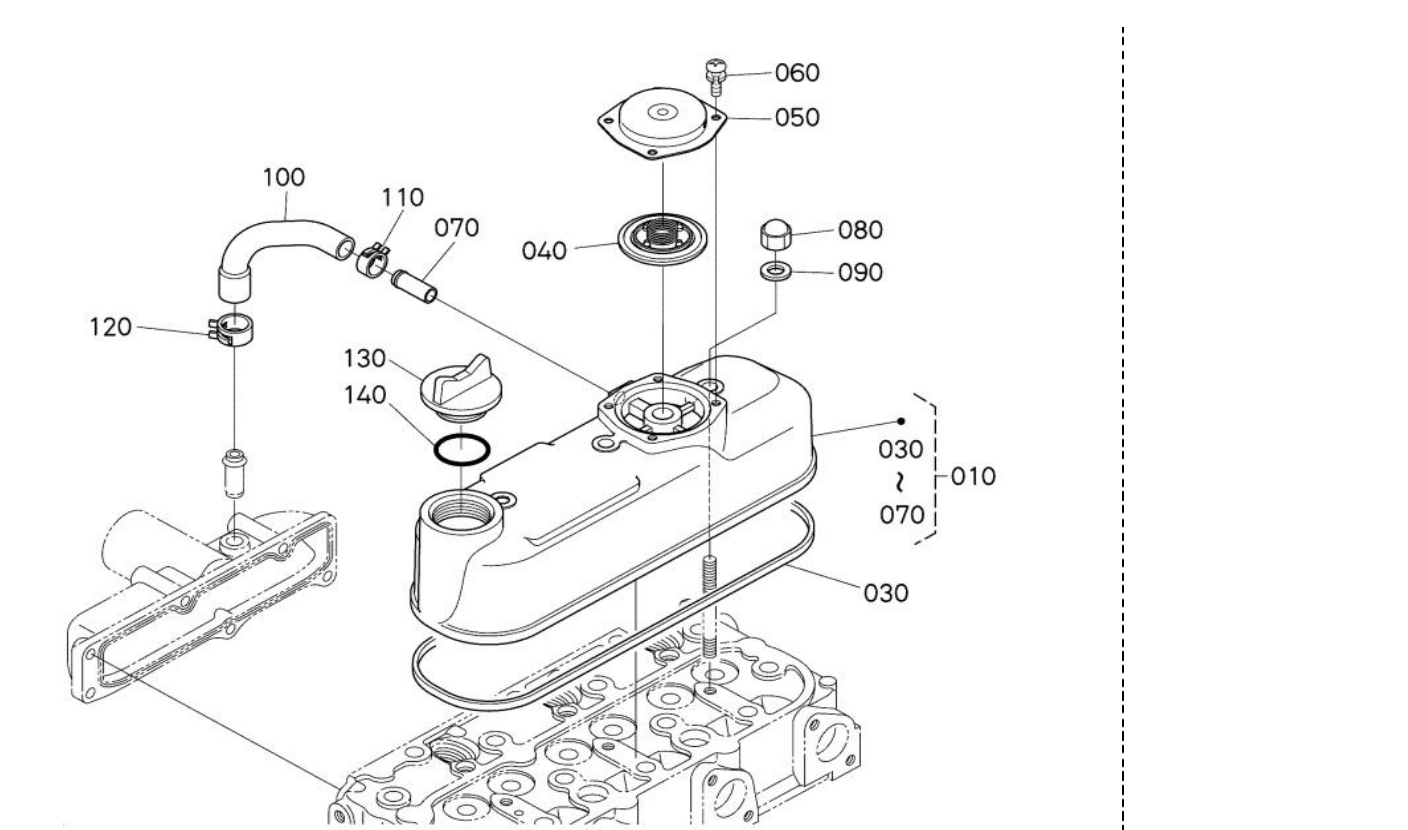
B002 油盘
Oil Pan

[illegible]

$\longleftrightarrow$ 可互换 ; $\nleftrightarrow$ 不可互换 ; $\longleftarrow$ 以新换旧 ; $\longrightarrow$ 以旧换新

[illegible]

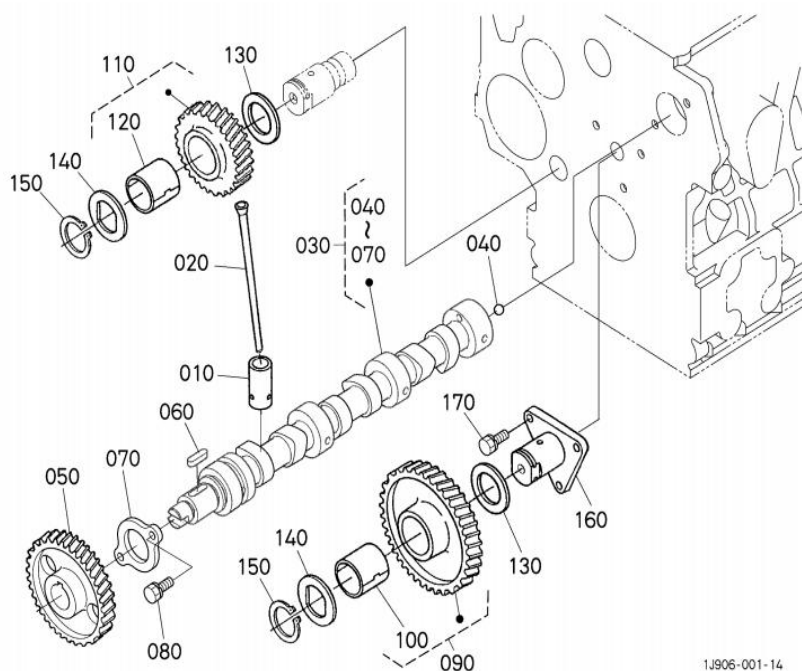
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[illegible]

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



↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新



1.1906-001-14

OLD

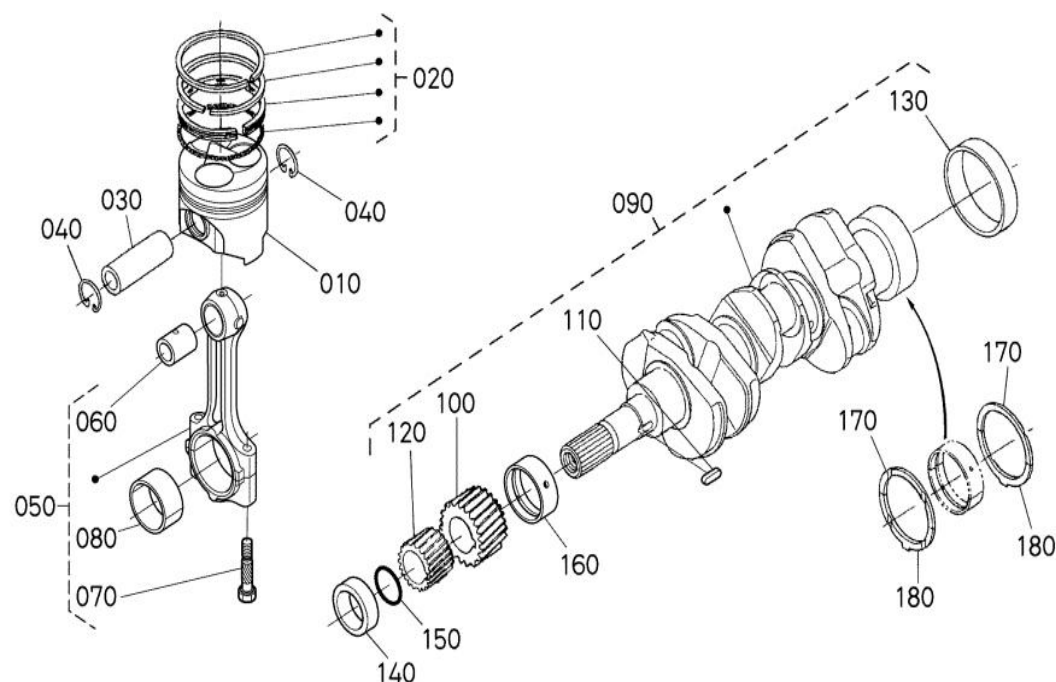


1J996-814-10

[illegible]

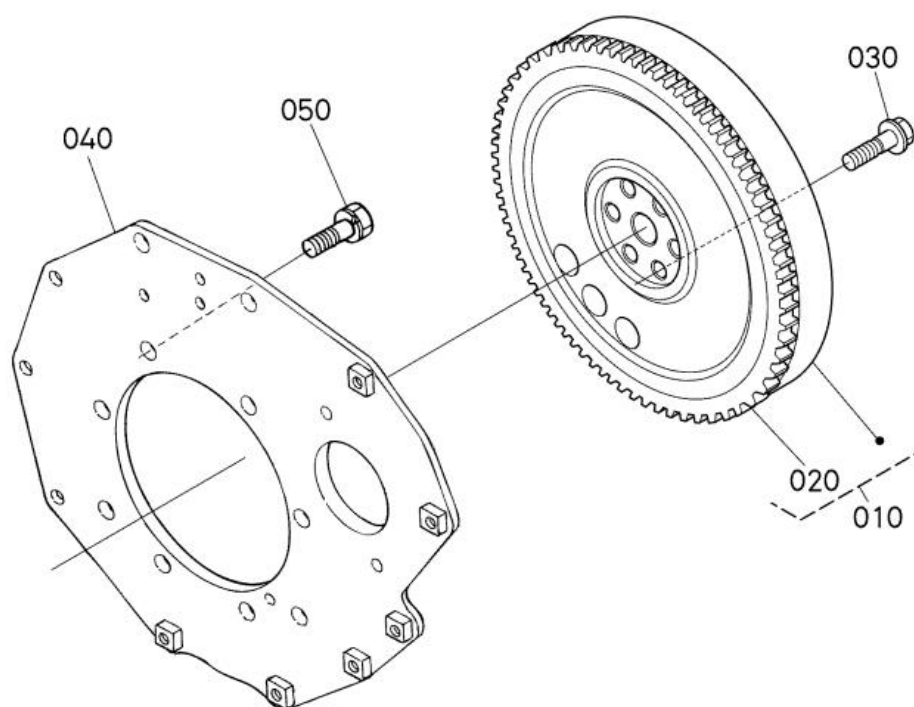
$\Leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新

B010

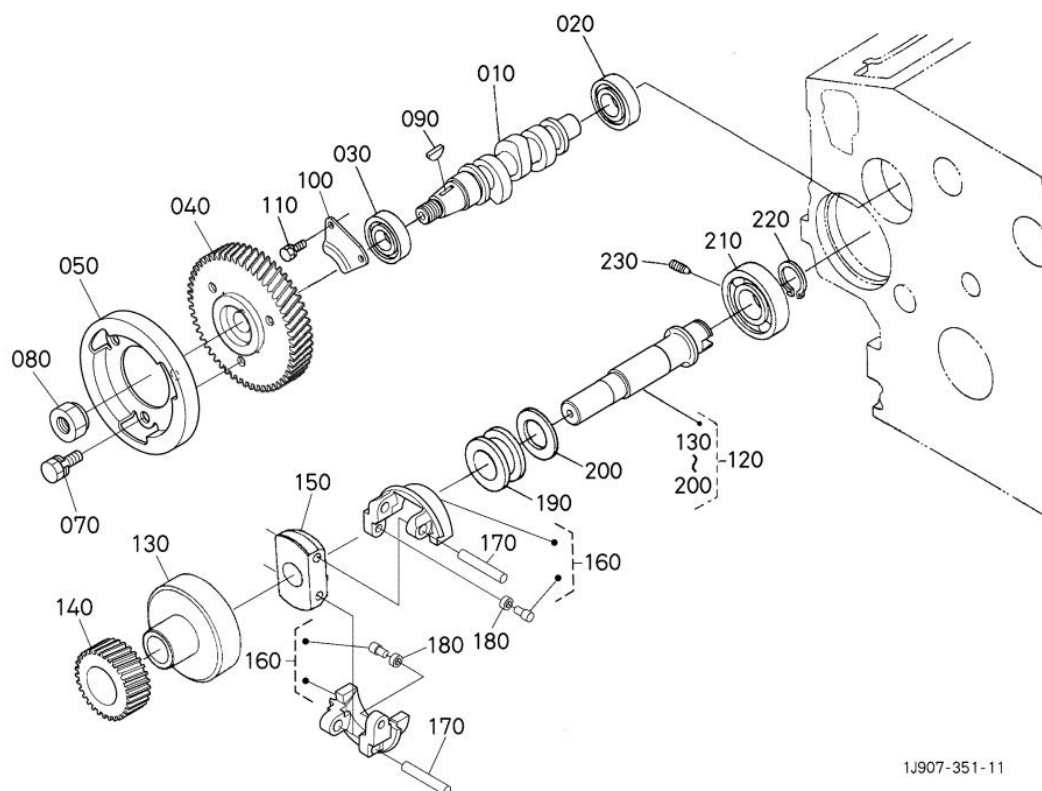
活塞和曲柄轴
PISTON CRANKSHAFT

序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP1003020004-452	1J097-21110	活塞	PISTON	3		STD
010	LP1003020006-016	1J097-21910	活塞	PISTON	3		+0.50mm
020	LP1003020004-102	1J050-21050	活塞环组件	PISTON RING ASSEMBLY	3		STD
020	LP1003020004-103	1J050-21090	活塞环组件	PISTON RING ASSEMBLY	3		+0.50mm
030	LP1003020004-453	16241-21310	活塞销	PISTON PIN	3		
040	LP1003020004-454	16241-21330	活塞销挡圈	RETAINING RING	6		
050	LP1003020004-104	16292-22016	连杆组件	CONNECTING ROD	3		
060	LP1003020004-455	1G700-21980	活塞销衬套	PISTON PIN BUSHING	3		
070	LP1003020004-105	16241-22142	连杆螺栓	CONNECTING ROD BOLT	6		
080	LP1003020004-435	16292-22310	连杆瓦	CRBS	3		STD SET
080	LP1003020004-436	16292-22972	连杆瓦	CRBS	3		-0.20mm SET
080	LP1003020004-437	16292-22982	连杆瓦	CRBS	3		-0.40mm SET
090	LP1003020006-017	1G065-23013	曲轴组件	CRANKSHAFT ASSEMBLY	1		
100	LP1003020004-107	1A055-24110	齿轮, 曲轴	CRANKSHAFT GEAR	1		
110	LP1003020004-108	16271-95230	键	KEY	1		
120	LP1003020004-109	1J050-35630	油泵传动齿轮	OIL PUMP DRIVE GEAR	1		
130	LP1003020004-110	16241-23280	曲柄轴套筒	CRANKSHAFT SLEEVE	1		
140	LP1003020004-111	1J050-23250	曲柄轴环	CRANKSHAFT RING	1		
150	LP1003020004-112	04814-10280	O型密封圈	O-RING	1		
160	LP1003020004-432	16292-23473	曲柄轴金属件	CRANKSHAFT BEARING	1		STD
160	LP1003020004-433	16292-23913	曲柄轴金属件	CRANKSHAFT BEARING	1		-0.20mm
160	LP1003020004-434	16292-23923	曲柄轴金属件	CRANKSHAFT BEARING	1		-0.40mm
170	LP1003020004-444	15521-23533	金属侧	METAL SIDE	2		STD
170	LP1003020004-445	15521-23953	金属侧	METAL SIDE	2		+0.20mm
170	LP1003020004-446	15521-23963	金属侧	METAL SIDE	2		+0.40mm
180	LP1003020004-447	19202-23543	金属侧	METAL SIDE	2		STD
180	LP1003020004-448	19202-23973	金属侧	METAL SIDE	2		+0.20mm
180	LP1003020004-449	19202-23983	金属侧	METAL SIDE	2		+0.40mm

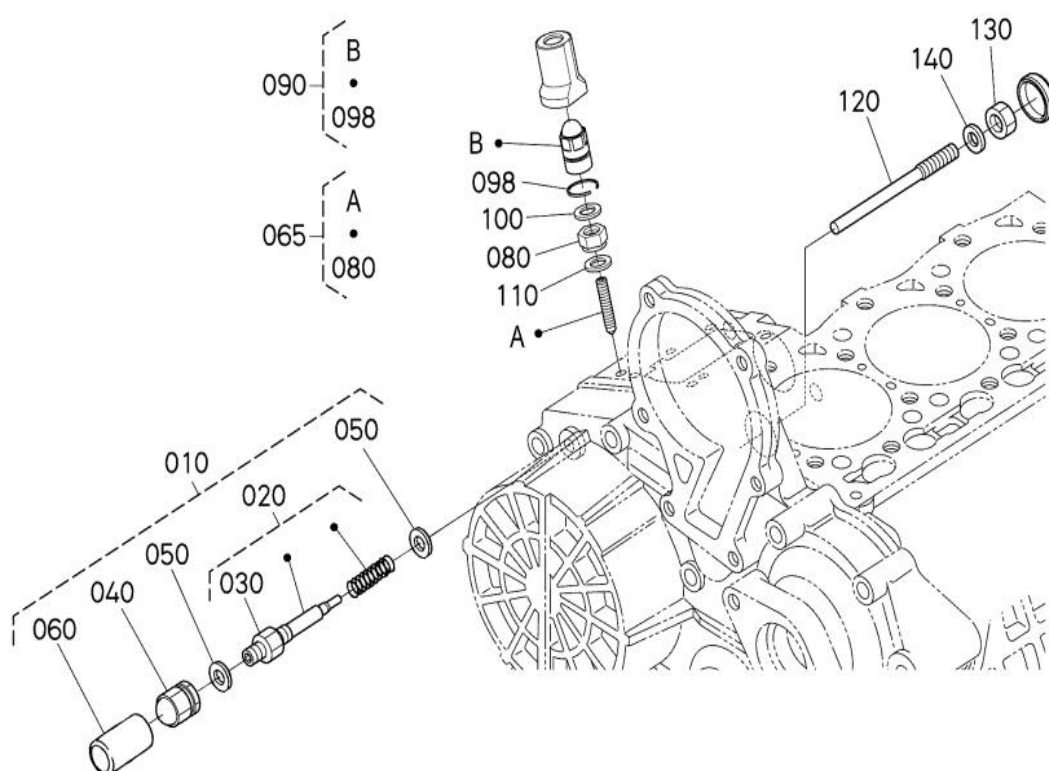
↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

[illegible]

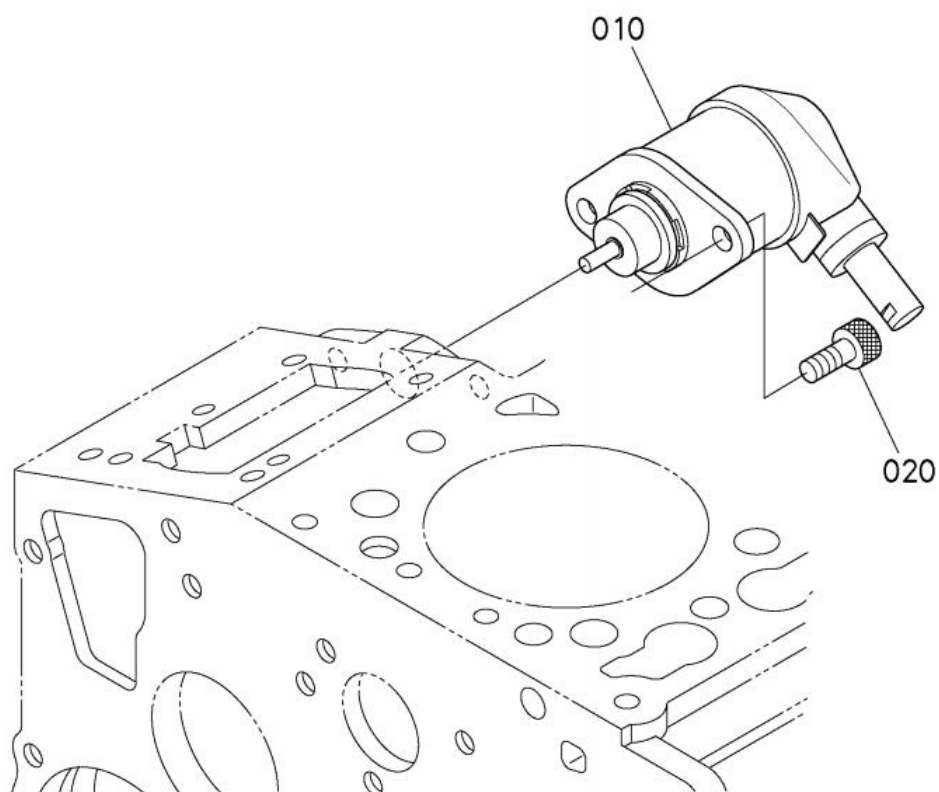
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[illegible]

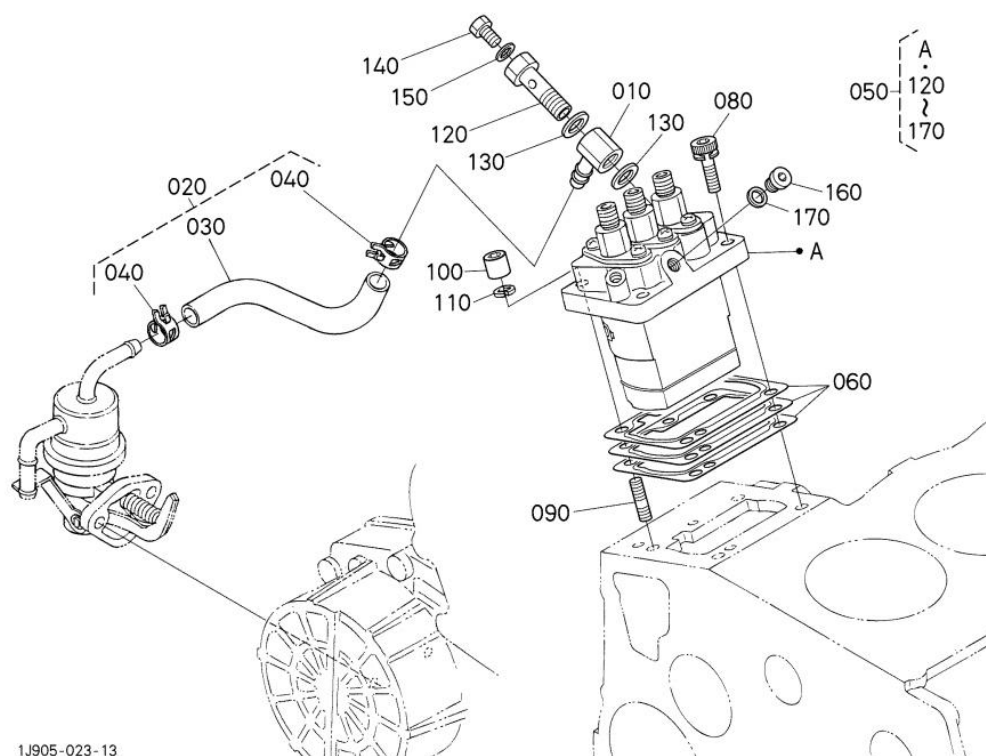
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[illegible]

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

[illegible]

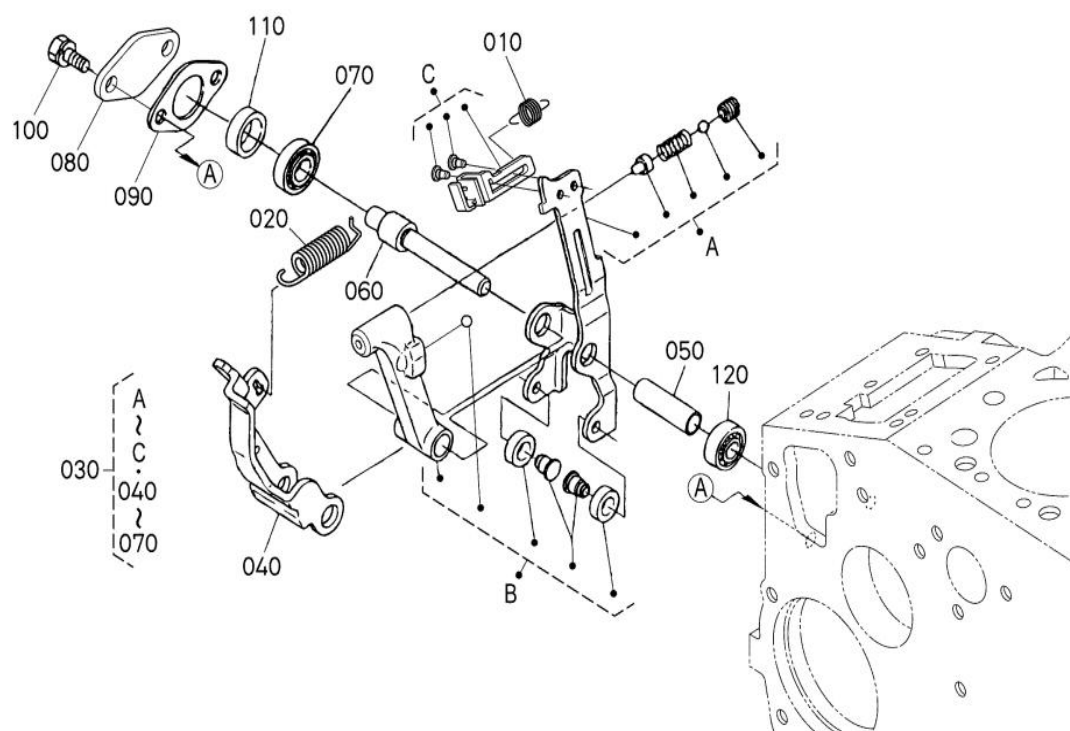
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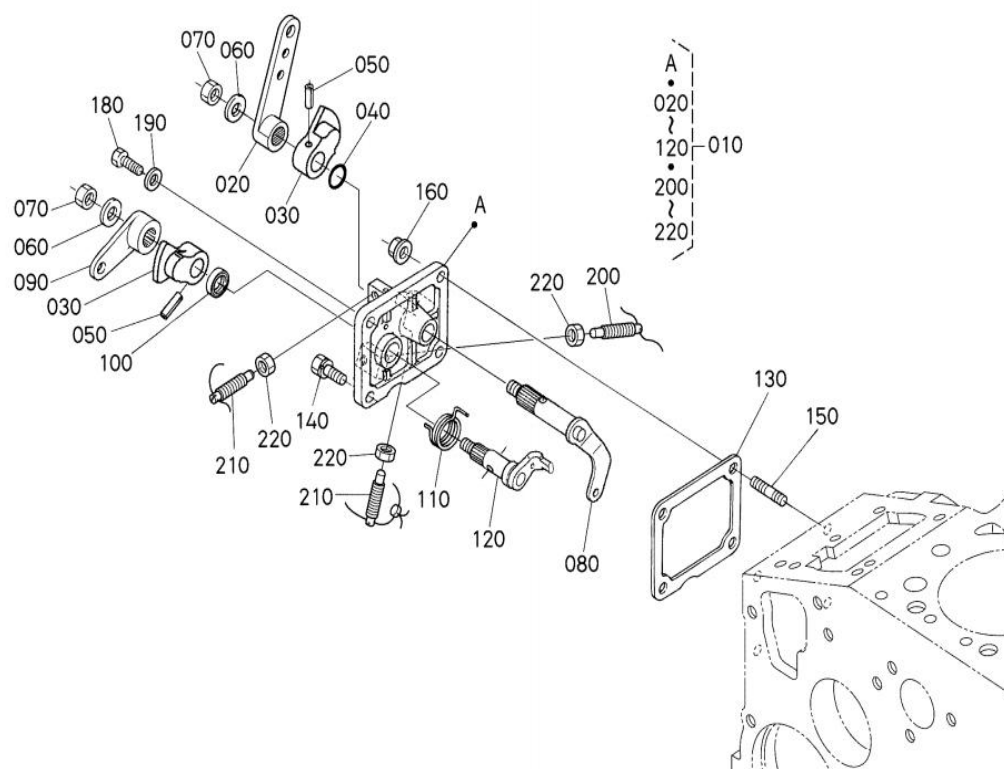
1J905-023-13

[illegible]

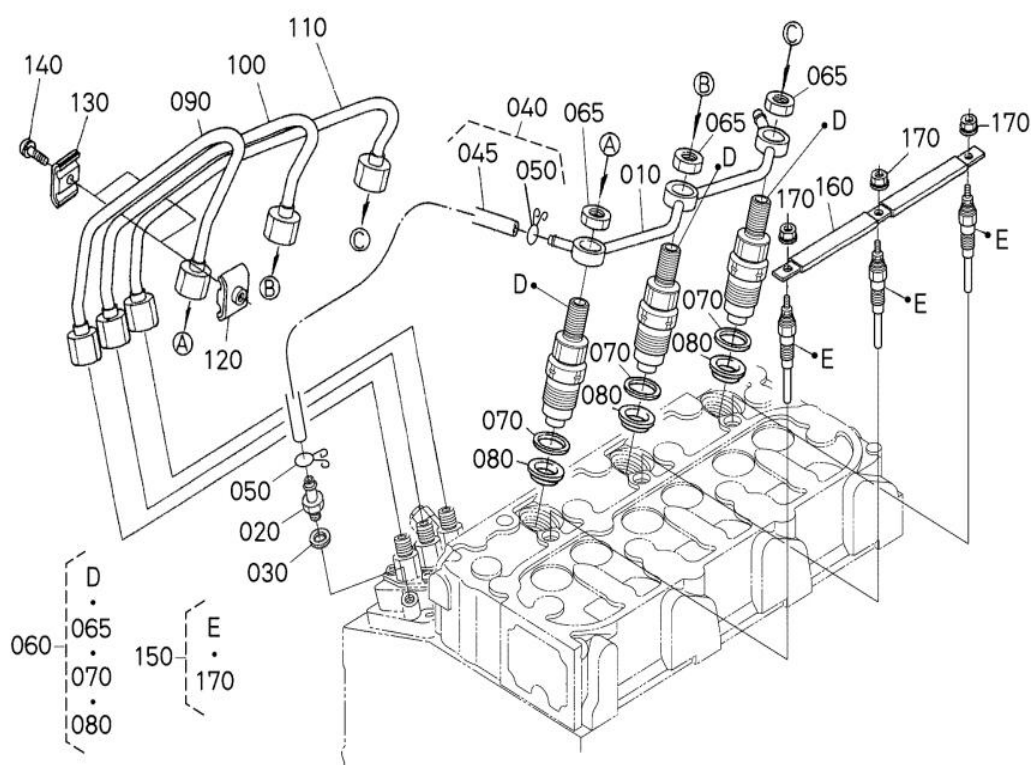
$\rightleftharpoons$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新

[illegible]

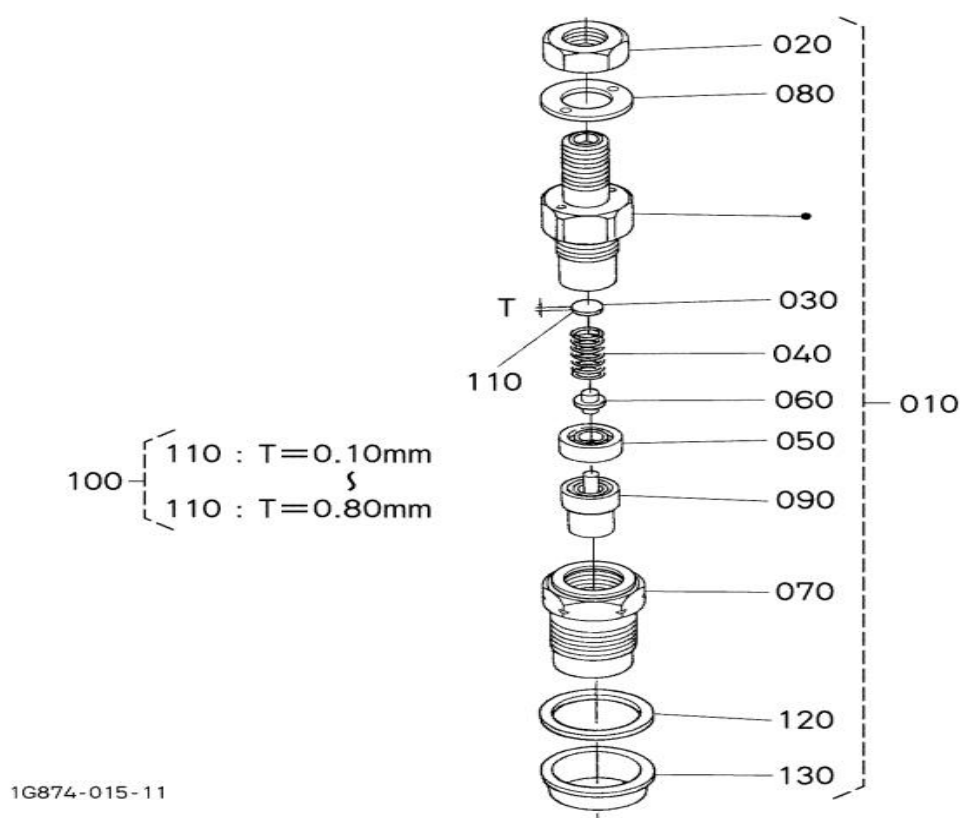
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[illegible]

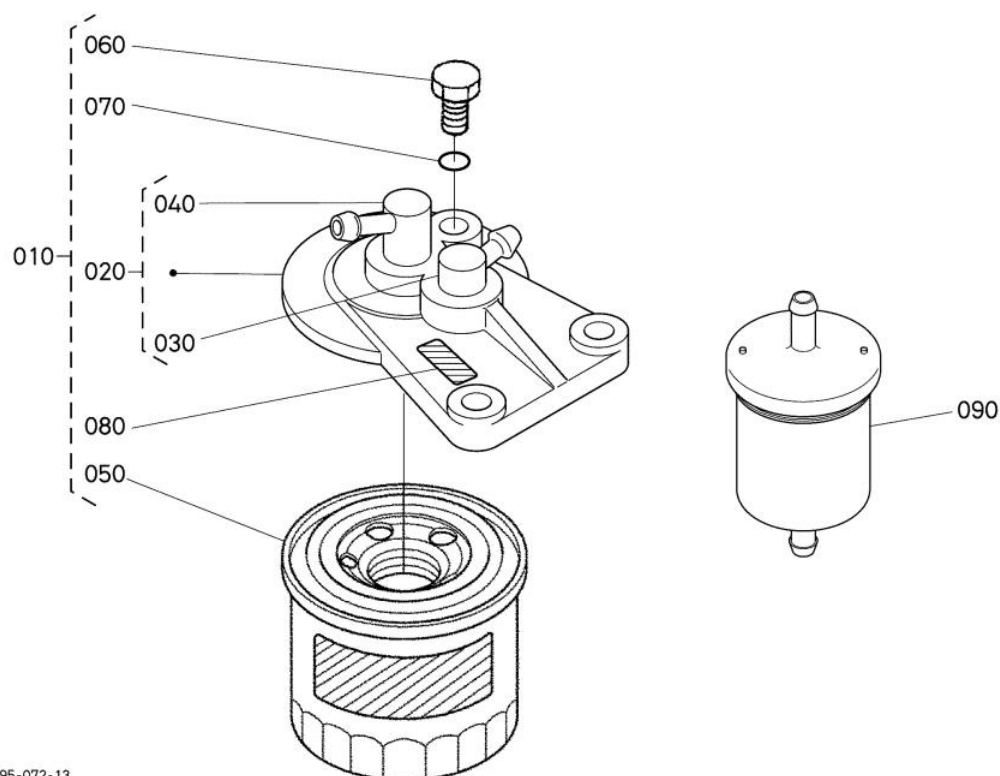
$\leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新

[illegible]

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

[illegible]

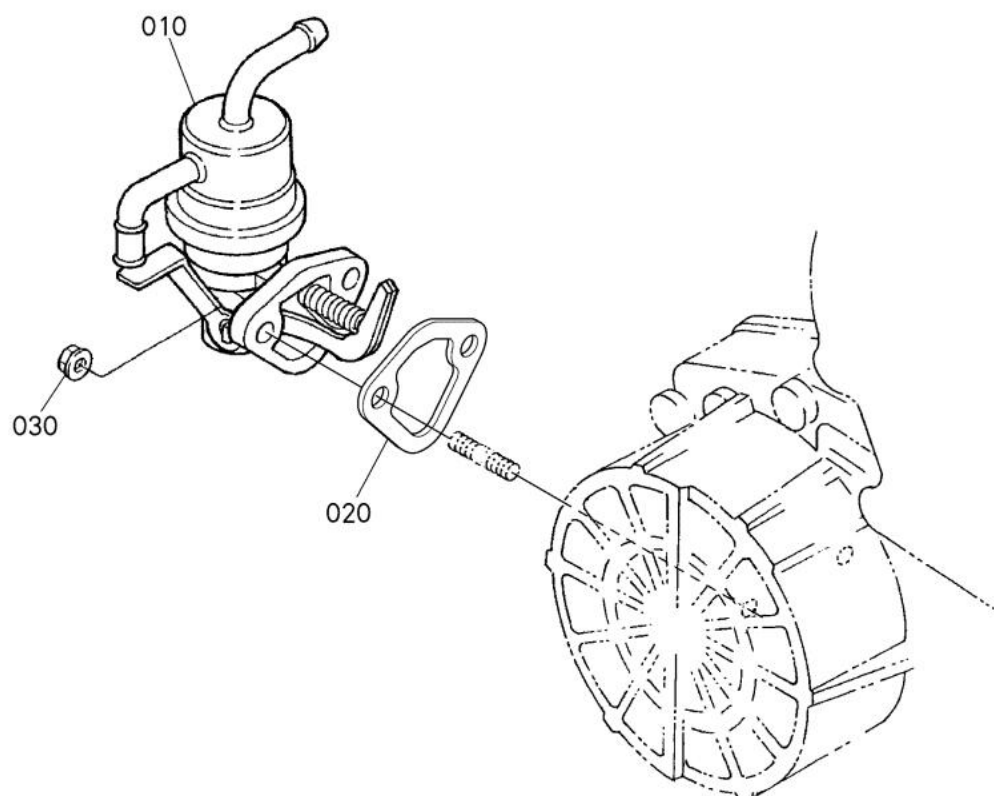
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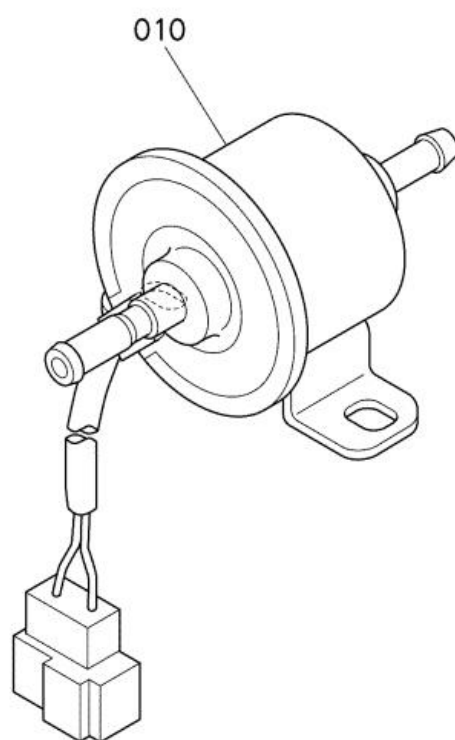
1G995-072-13

[illegible]

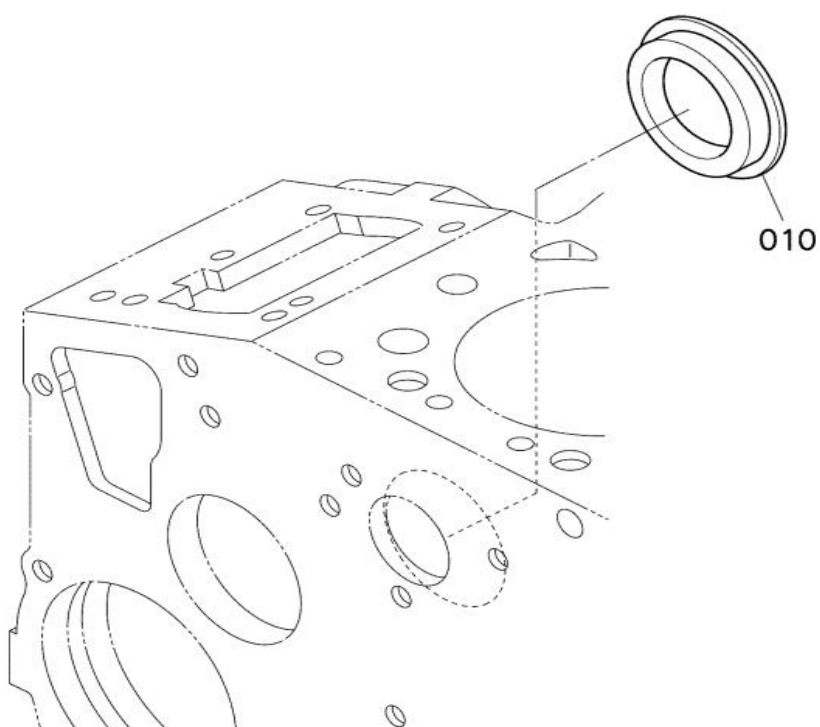
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[illegible]

↔ 可互换；≠ 不可互换；← 以新换旧；→ 以旧换新

[illegible]

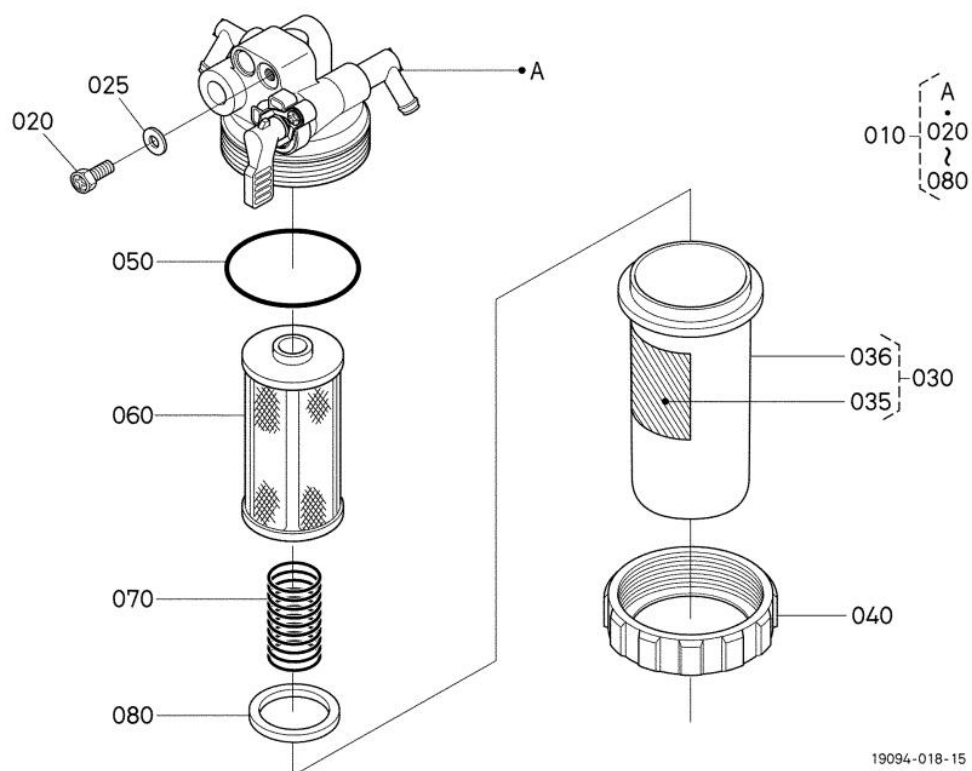
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[illegible]

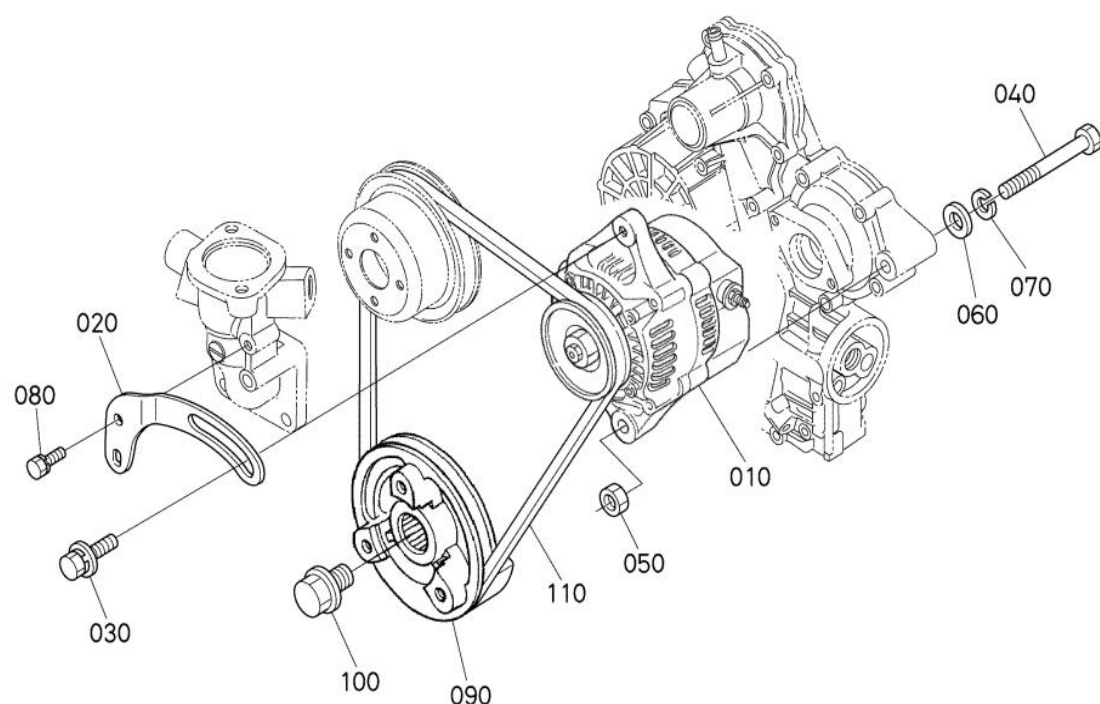
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B024

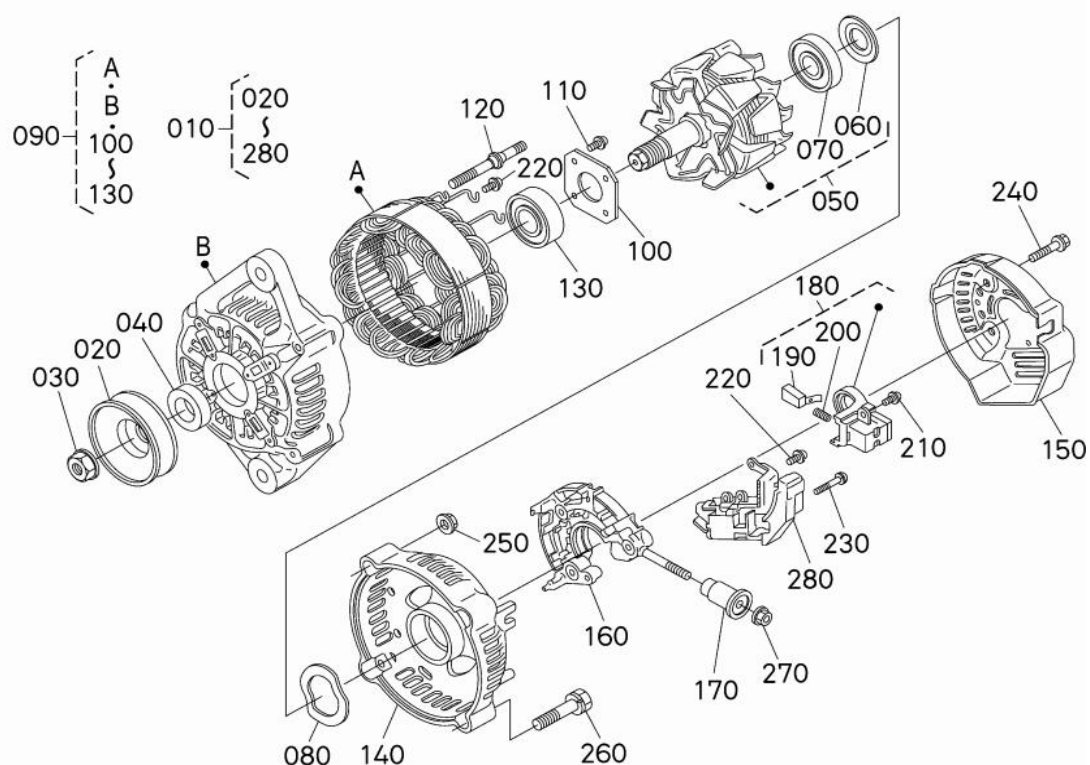
油水分离器 (组成部分)
OIL-WATER SEPARATOR

[illegible]

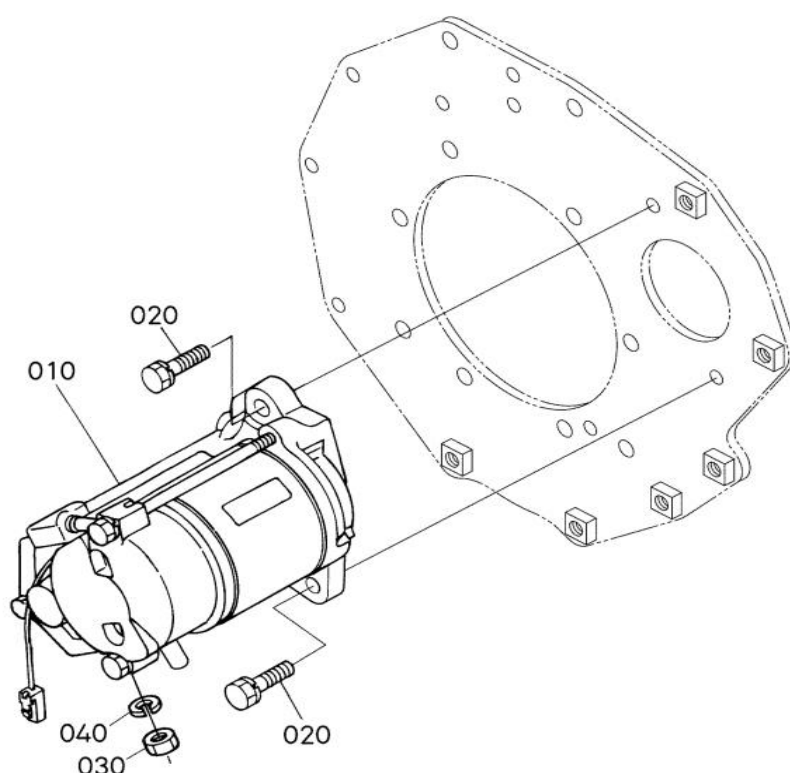
↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

[illegible]

$\longleftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\longleftarrow$ 以新换旧 ; $\longrightarrow$ 以旧换新

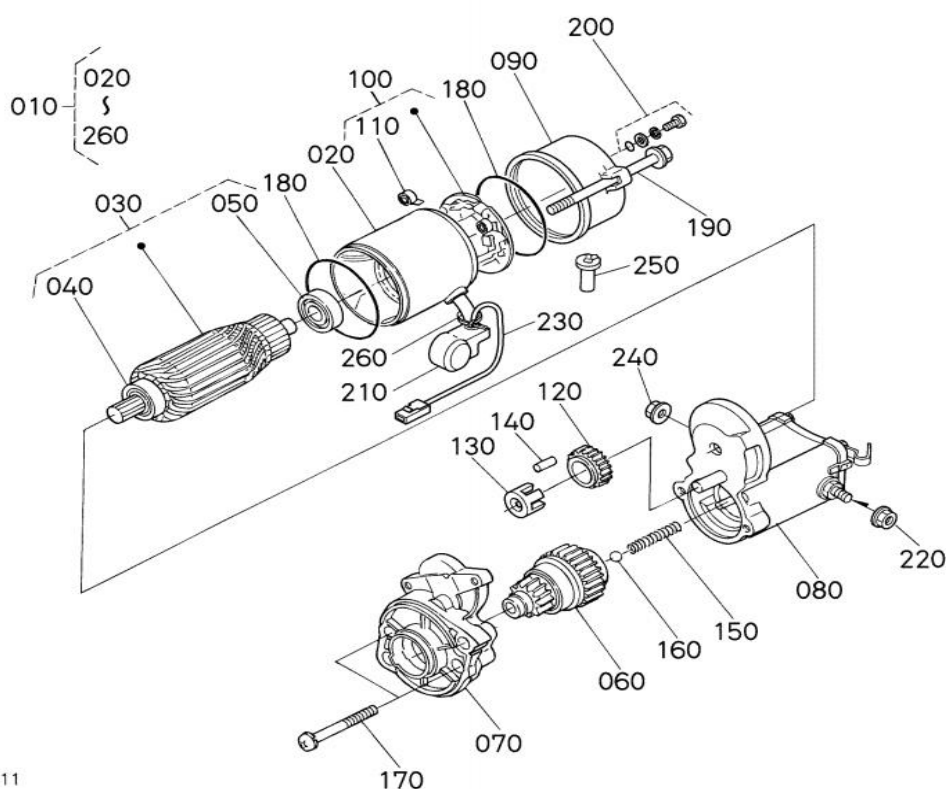
[illegible]

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

[illegible]

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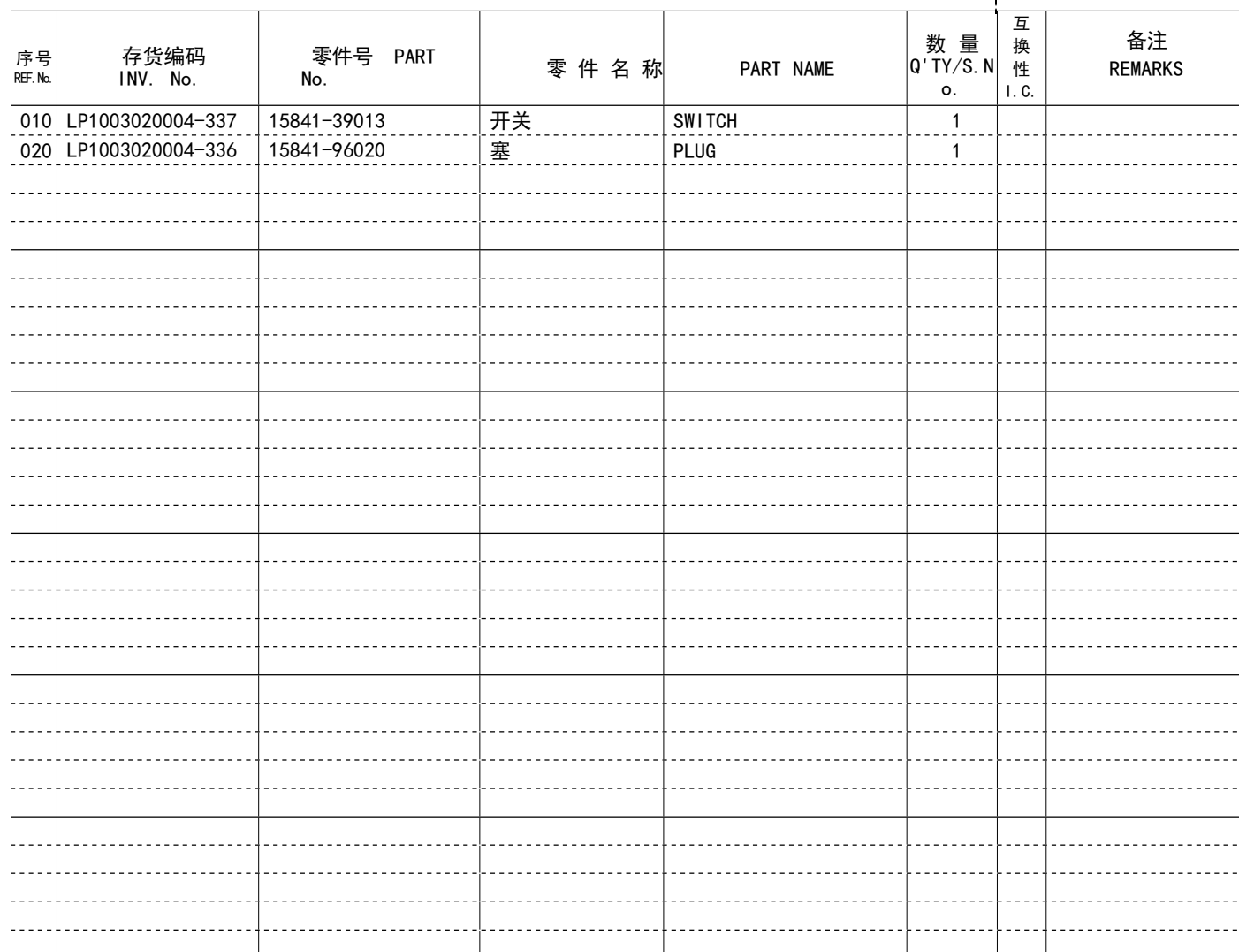
起动机(组成部分)
STARTER MOTOR



-097-11

序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零 件 名 称	PART NAME	数 量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP1003020004-309	16611-63010	起动器组件	STARTER ASSEMBLY	1		
020	LP1003020004-310	16661-63080	轭组件	YOKE ASSEMBLY	1		
030	LP1003020004-311	11197-63070	电枢组件	ARMATURE ASSEMBLY	1		
040	LP1003020004-312	11460-63500	轴承	BEARING	1		
050	LP1003020004-313	11460-63530	轴承	BEARING	1		
060	LP1003020004-314	16611-63040	过速离合器	OVERRUNNING CLUTCH	1		
070	LP1003020004-315	16611-63030	驱动端框架	DRIVE END FRAME	1		
080	LP1003020004-316	16611-63020	电磁开关组件	SOLENOID SWITCH	1		
090	LP1003020004-317	17341-63200	端架	END FRAME	1		
100	LP1003020004-318	11197-63380	炭刷固定夹组件	RETAINING CLIP	1		
110	LP1003020004-319	15401-63390	炭刷弹簧	CARBON BRUSH SPRING	4		
120	LP1003020004-320	11460-63270	齿轮	GEAR	1		
130	LP1003020004-321	11460-63110	定位器	LOCATOR	1		
140	LP1003020004-322	19212-63100	滚轴	ROLLER	5		
150	LP1003020004-323	11460-63120	弹簧	SPRING	1		
160	LP1003020004-324	19212-97130	钢珠	STEEL BALL	1		
170	LP1003020004-325	11460-93310	螺栓	BOLT	2		
180	LP1003020004-326	15511-96660	O型环	O-RING	2		
190	LP1003020004-327	11197-63320	螺栓	BOLT	2		
200	LP1003020004-328	15511-63760	螺栓组件	BOLT ASSEMBLY	2		
210	LP1003020004-329	16611-63450	盖	COVER	1		
220	LP1003020004-330	16611-92020	螺母	NUT	1		
230	LP1003020004-331	16611-63660	停止电磁阀线缆	STOP SOLENOID CABLE	1		
240	LP1003020004-332	16285-92010	六角螺母	HEX NUT	1		
250	LP1003020004-333	16285-63570	线缆管	CABLE TUBE	1		
260	LP1003020004-334	16612-63100	盖箍	COVER CLAMP	1		

$\longleftrightarrow$ 可互换 ; $\nleftrightarrow$ 不可互换 ; $\longleftarrow$ 以新换旧 ; $\longrightarrow$ 以旧换新

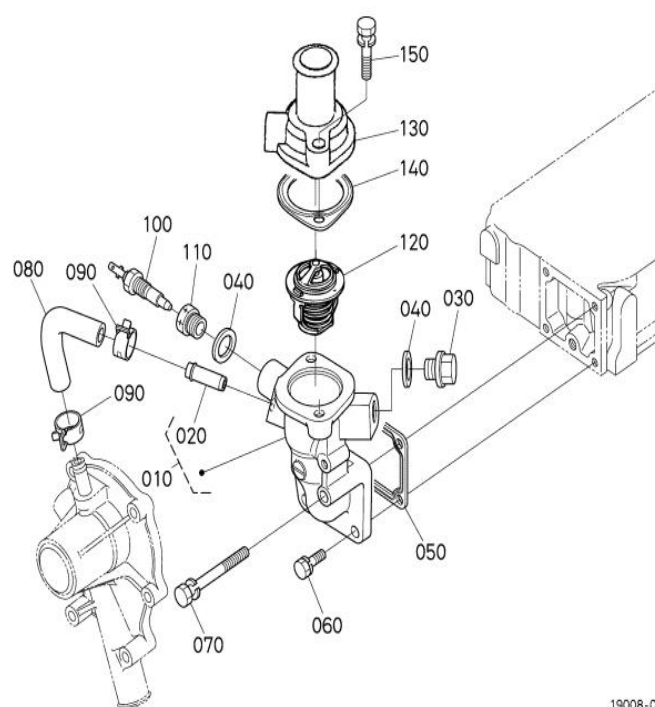


42

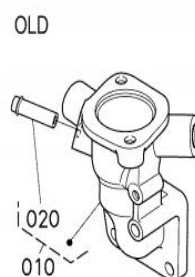
B030

进出水法兰和节温器

WATER INLET AND OUTLET FLANGES THERMOSTAT



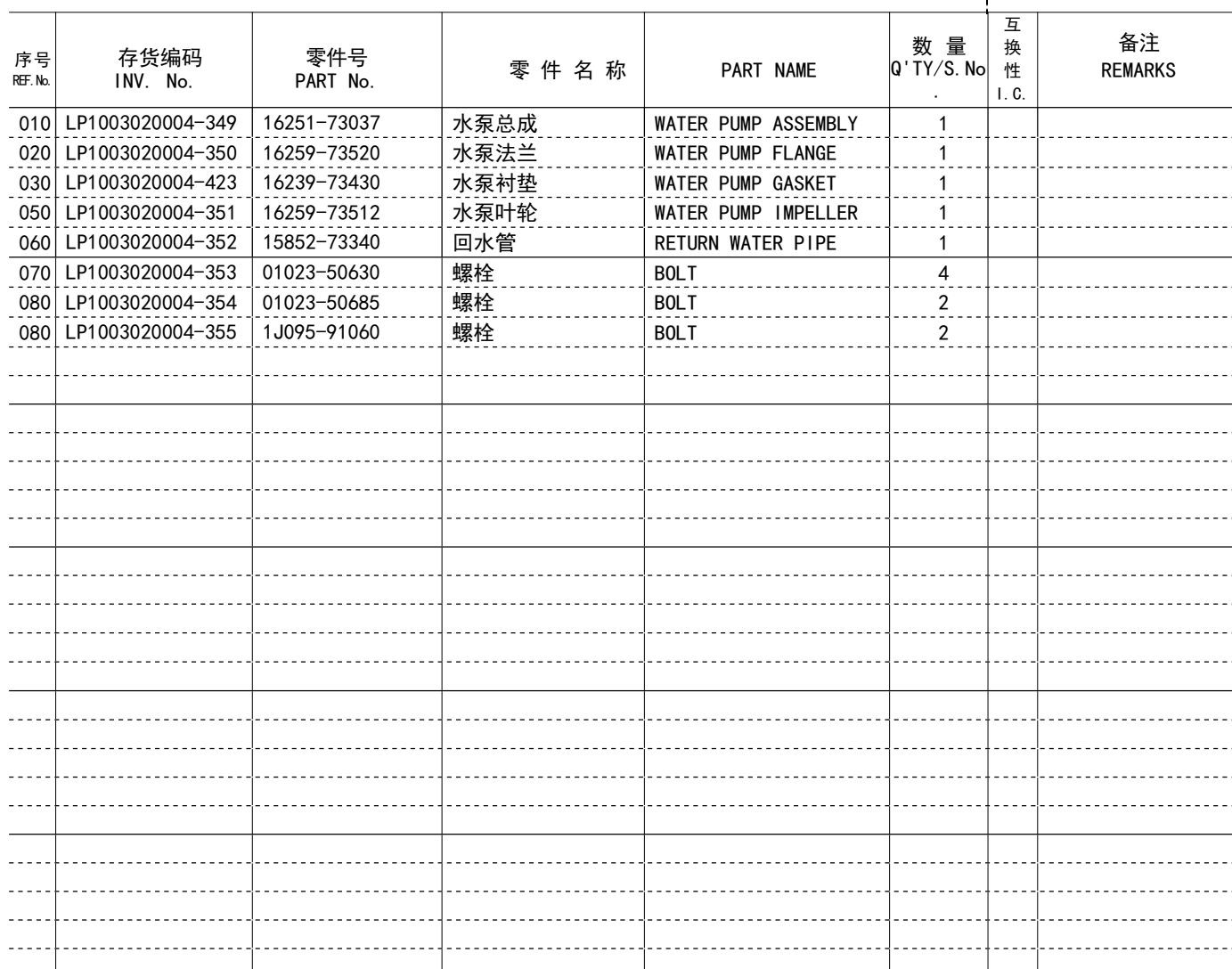
19008-019-30



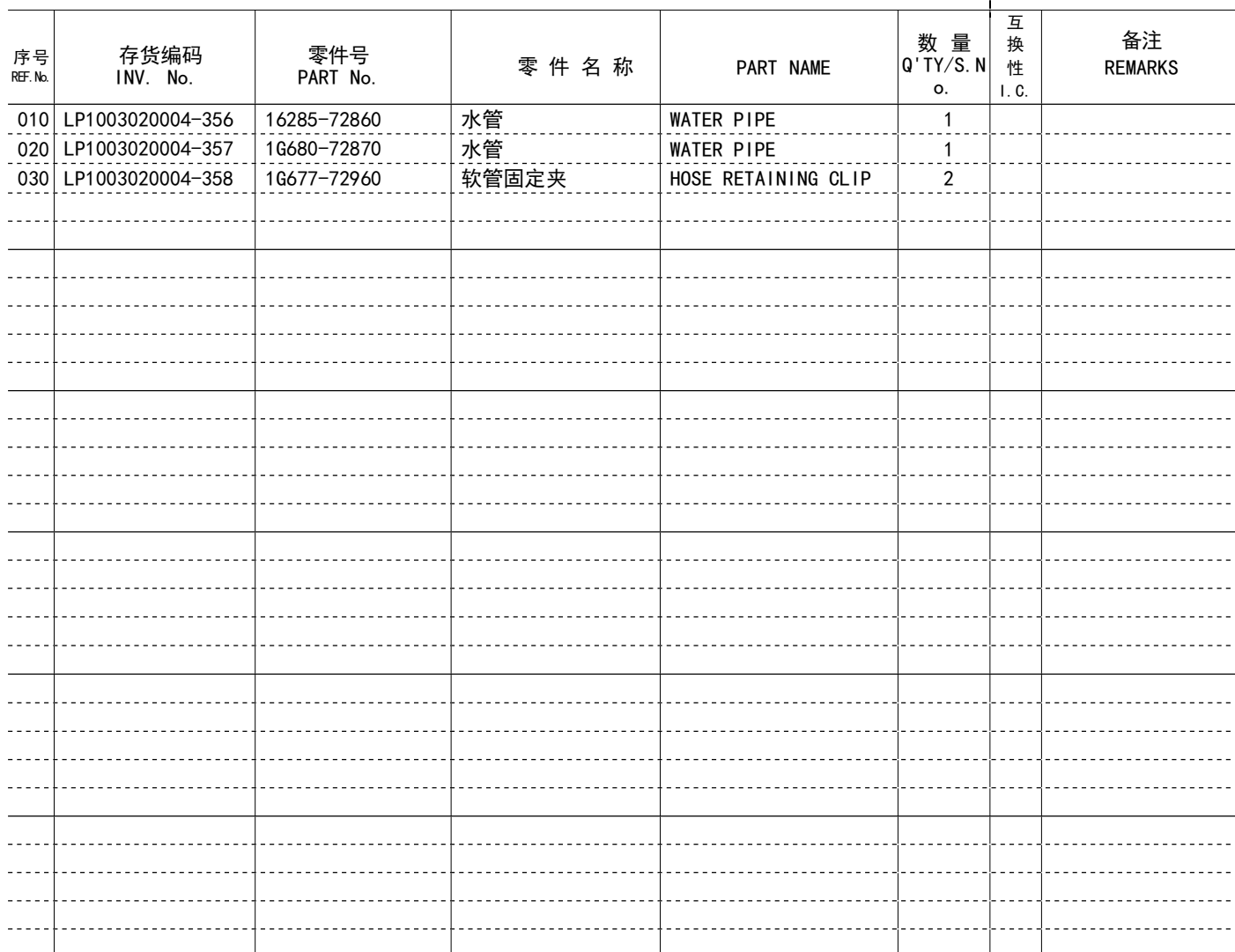
1J906-806-11

[illegible]

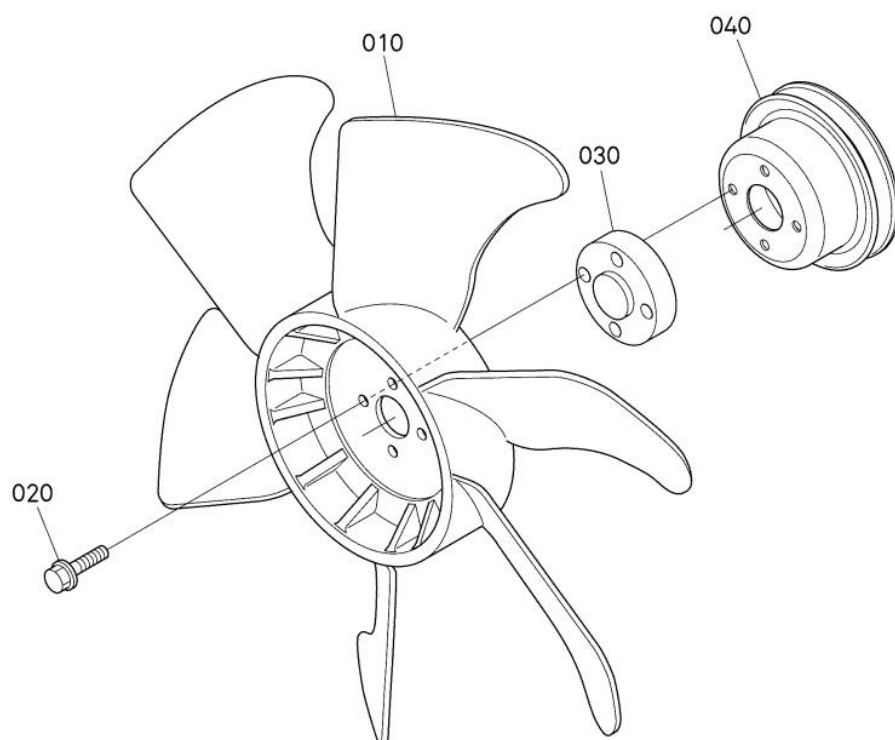
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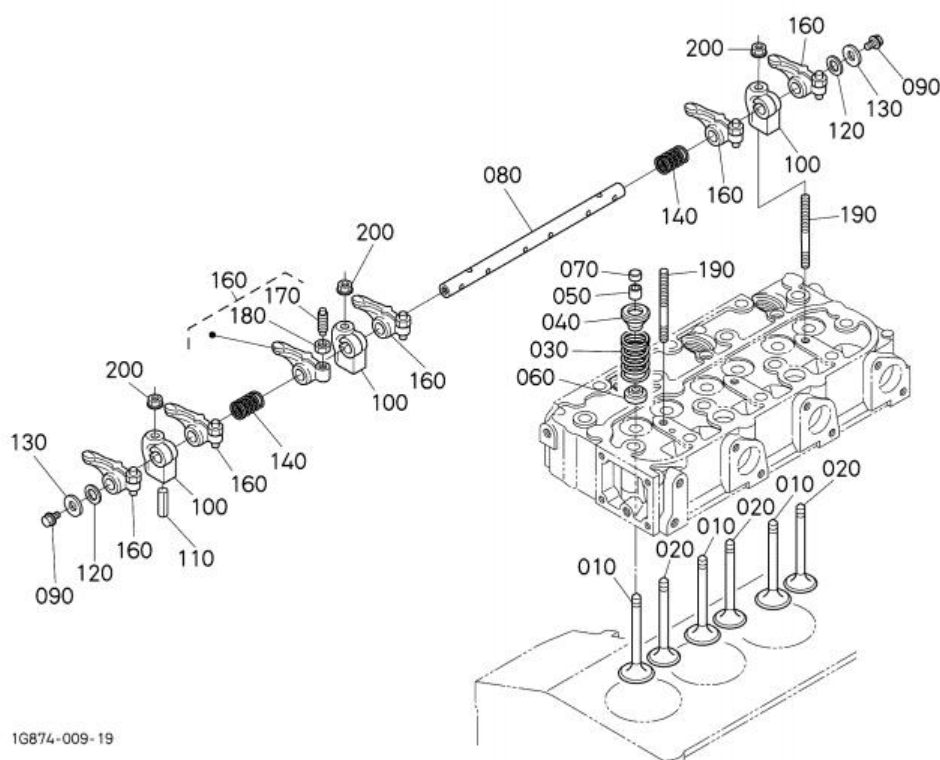
44



45

[illegible]

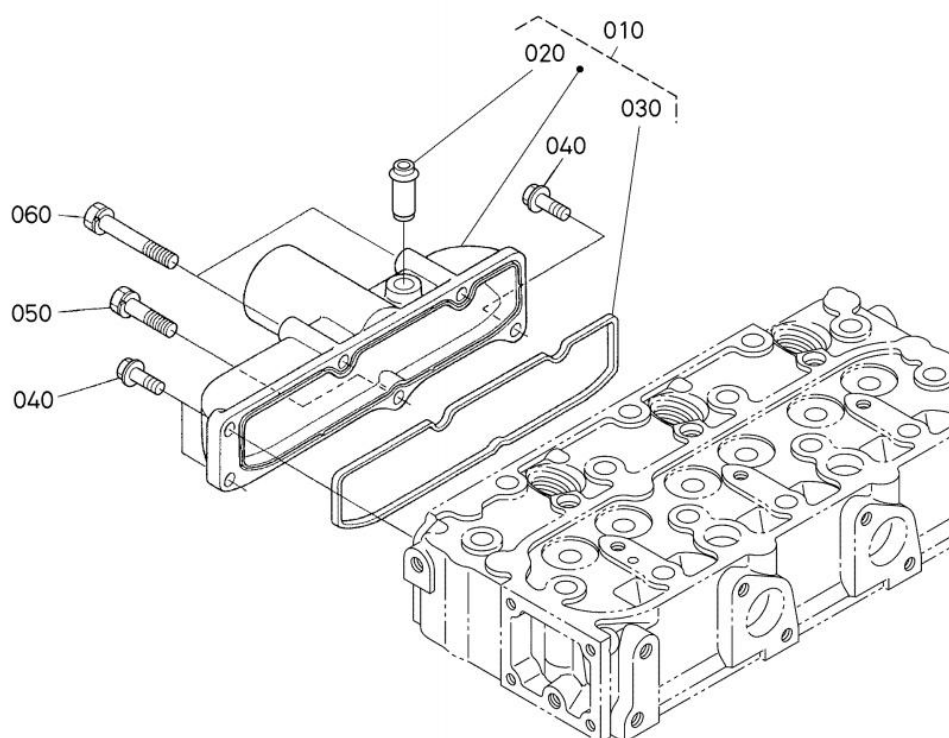
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[illegible]

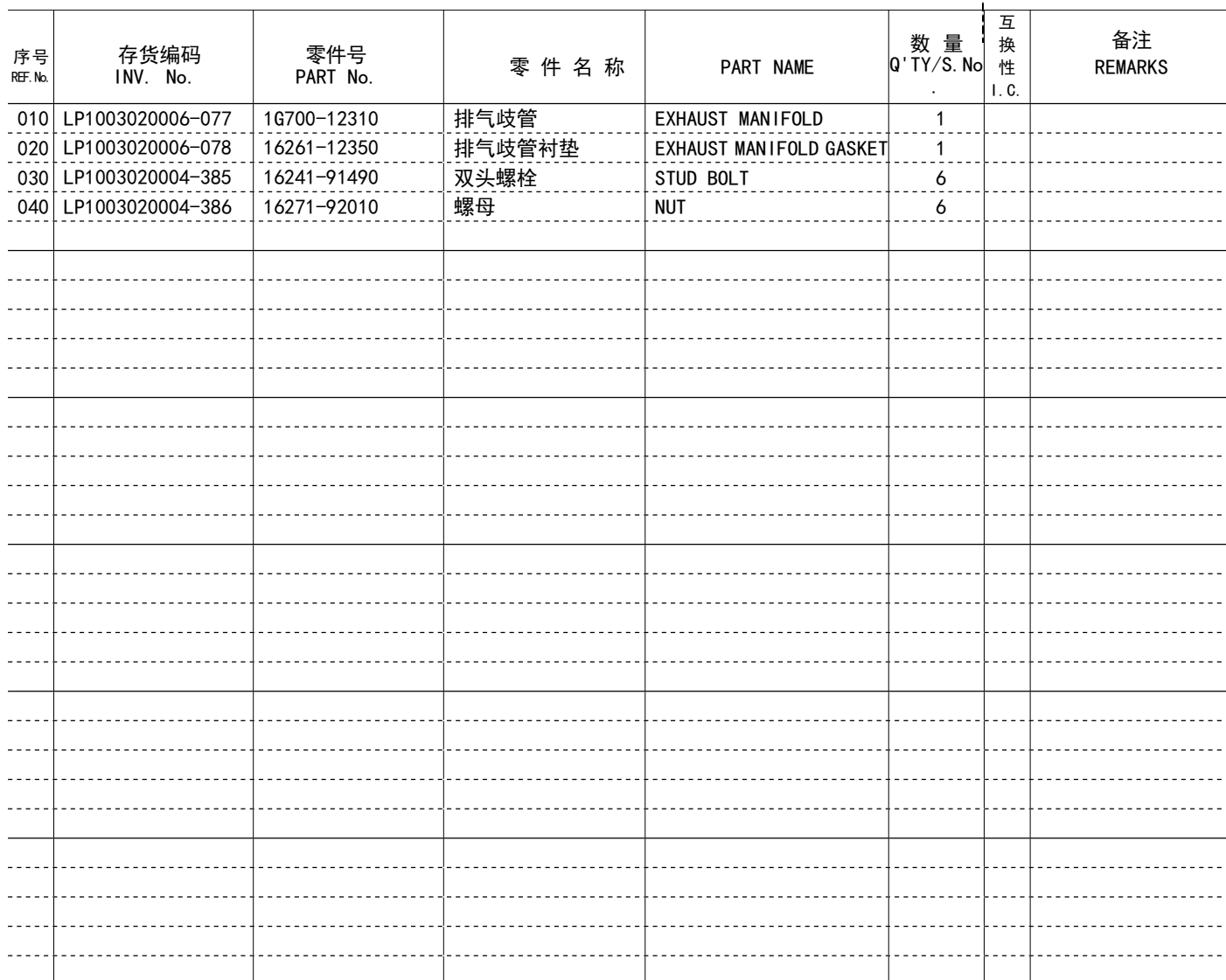
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B035

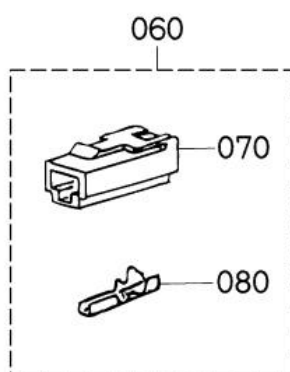
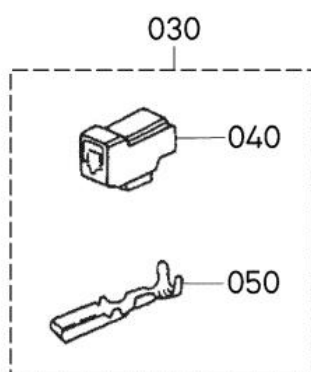
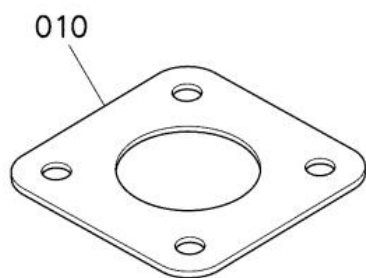
进气歧管
INTAKE MANIFOLD

[illegible]

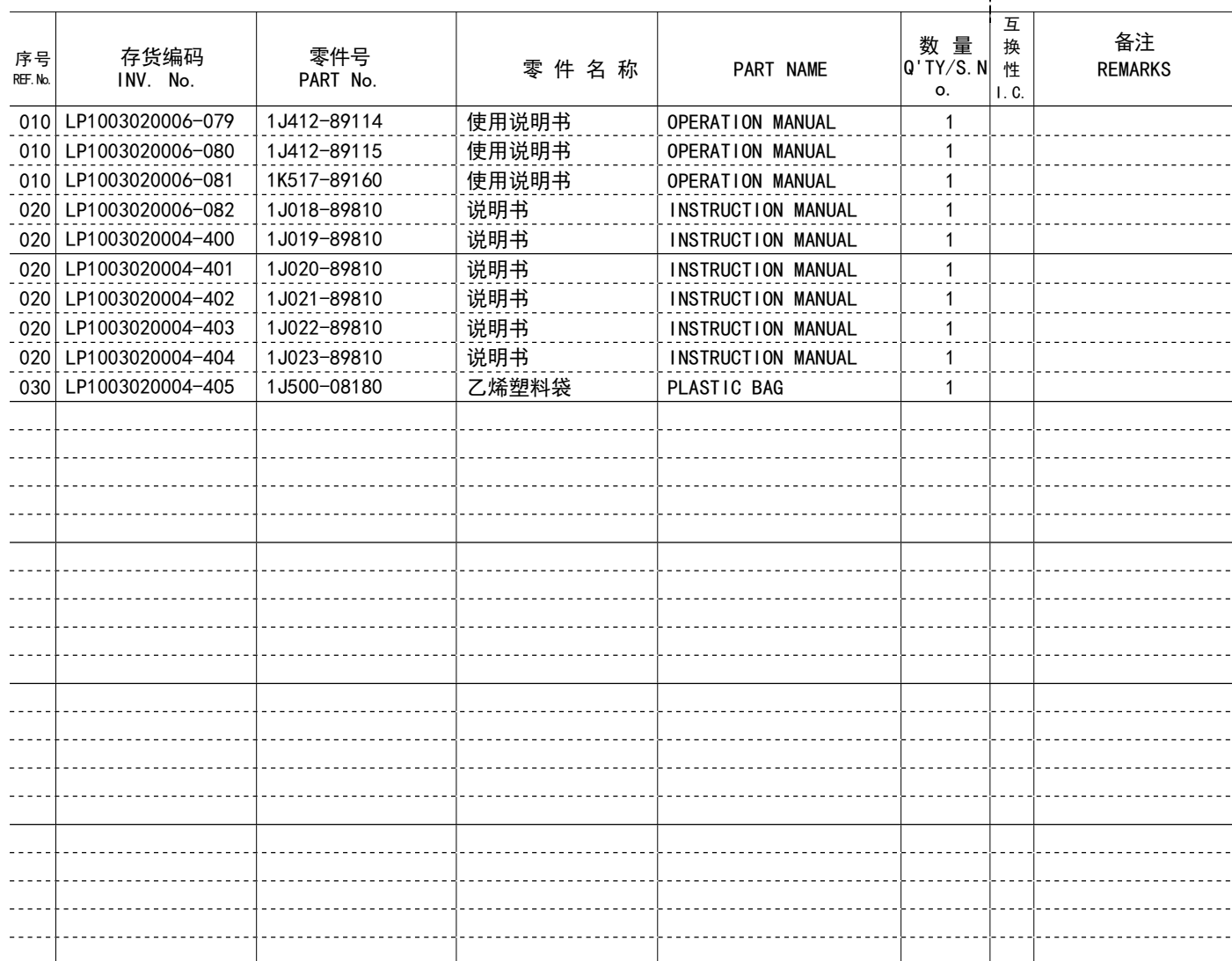
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49

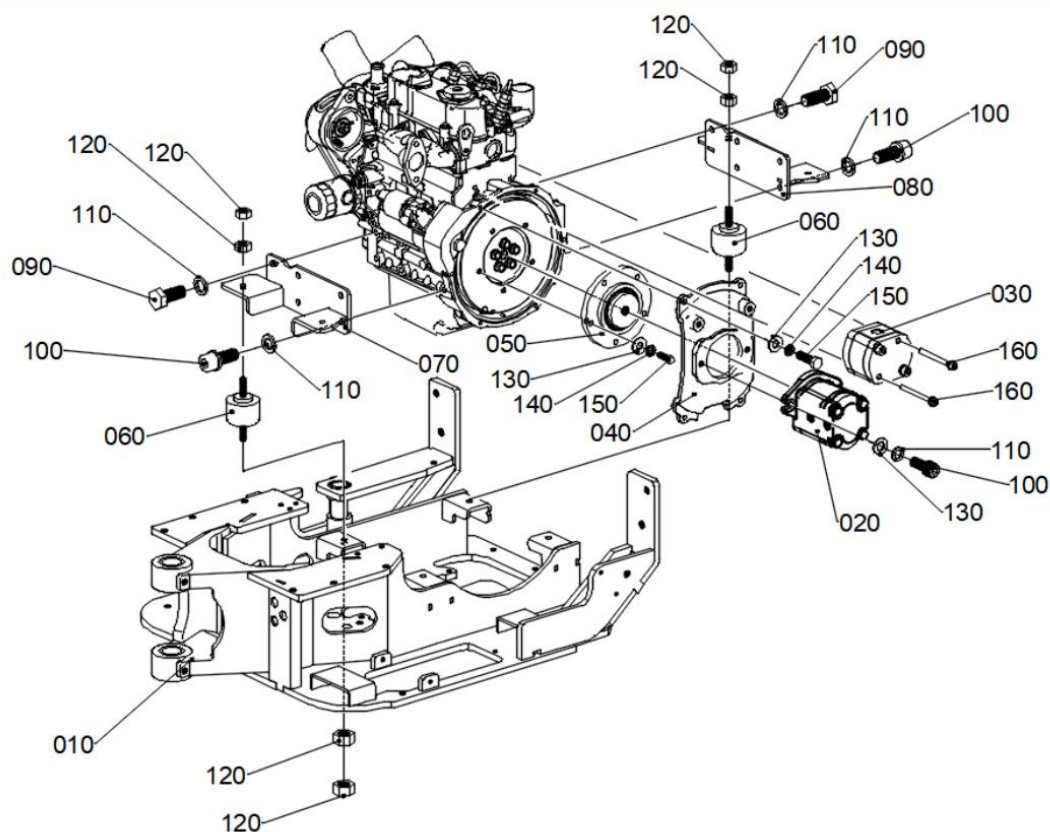
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$\longleftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\longleftarrow$ 以新换旧 ; $\longrightarrow$ 以旧换新

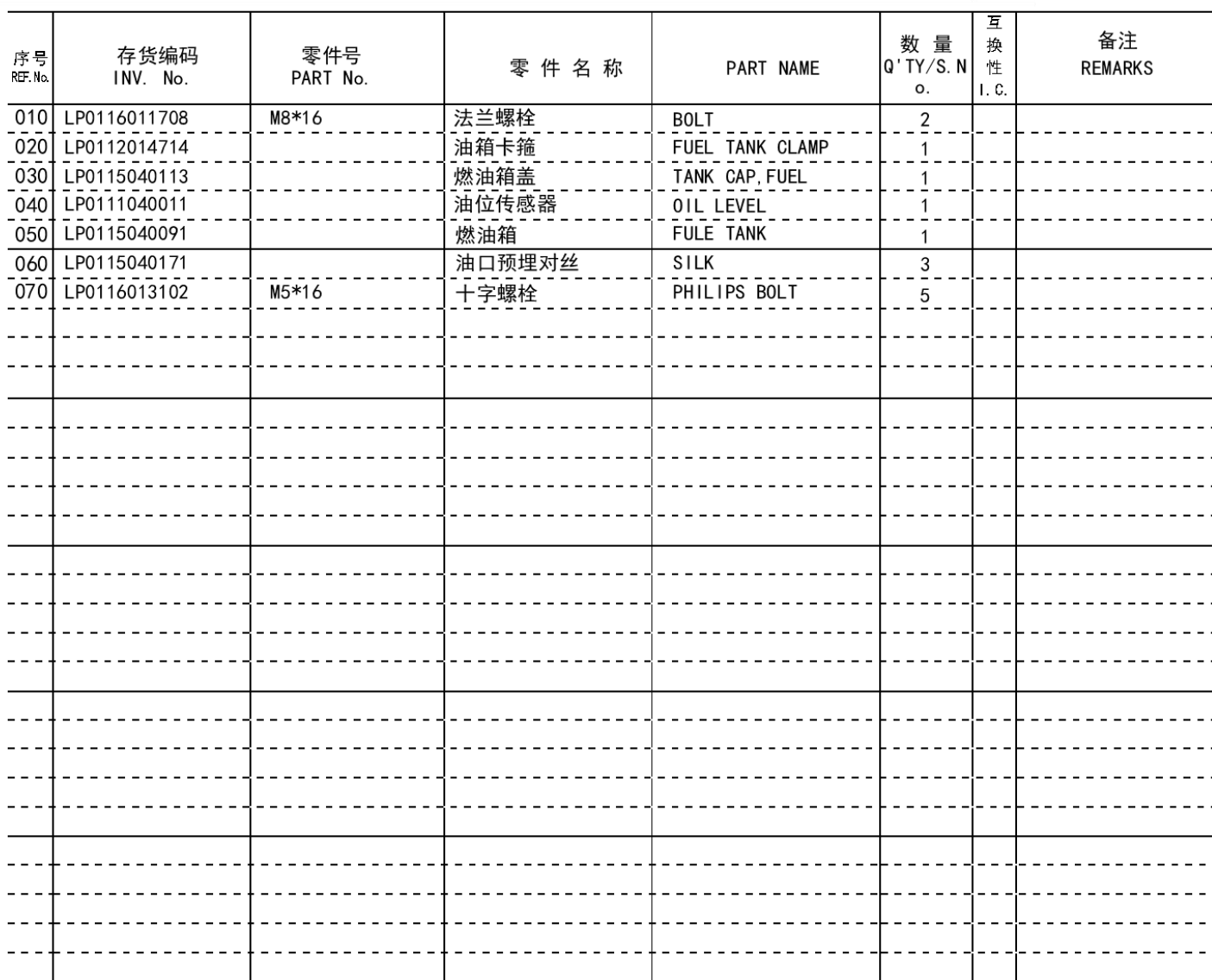


B039

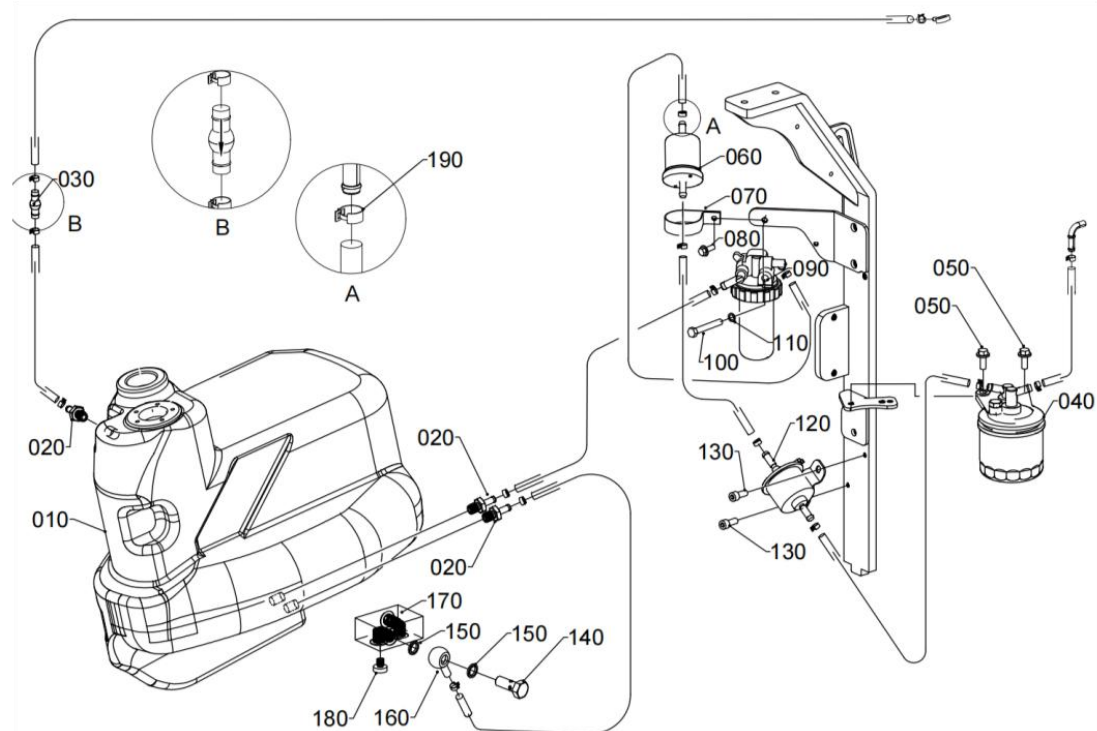
发动机支座
ENGINE MOUN

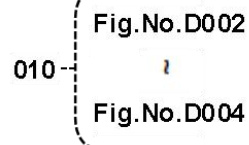
[illegible]

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

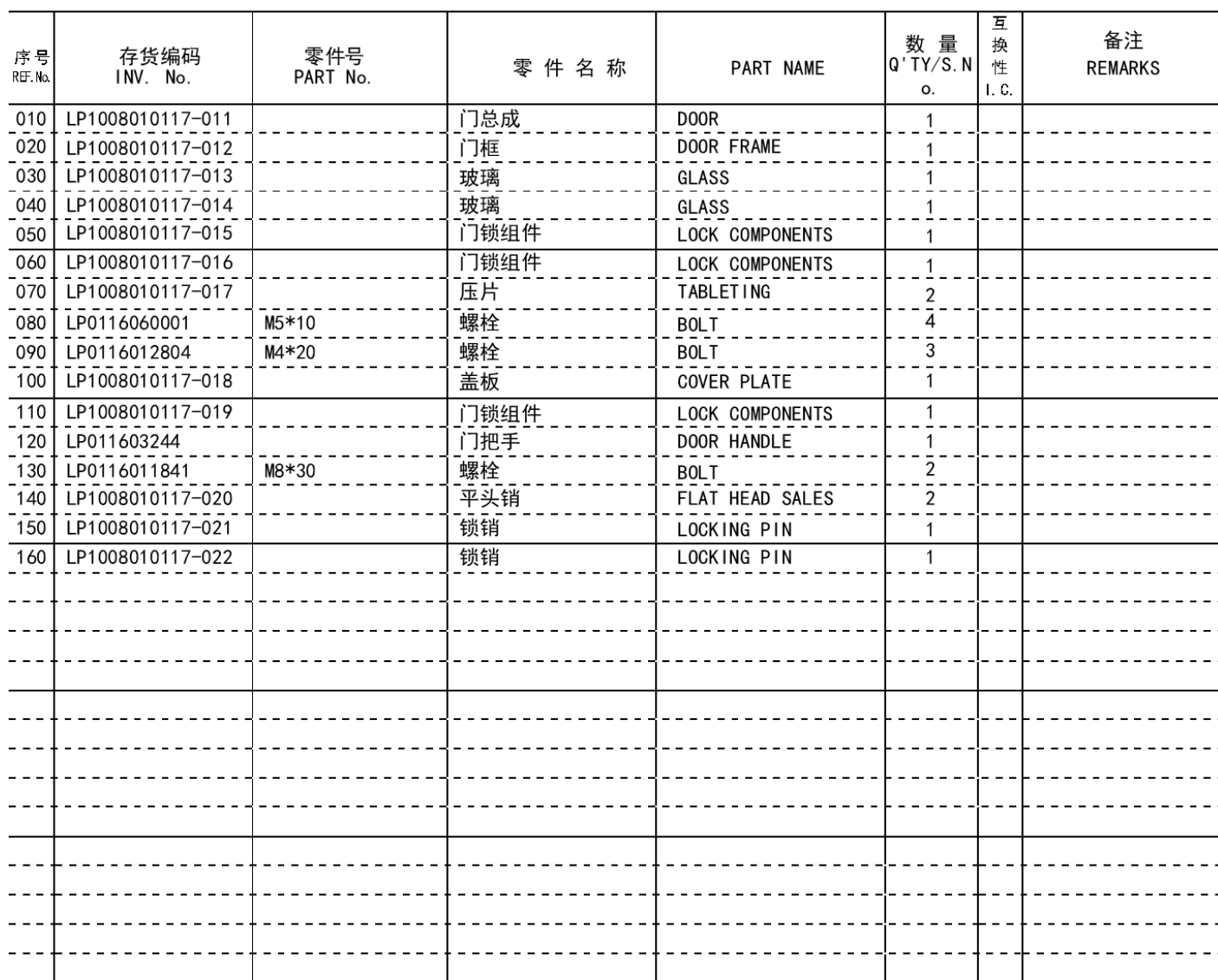


C002 燃油系统
FUEL SYSTEM

[illegible]

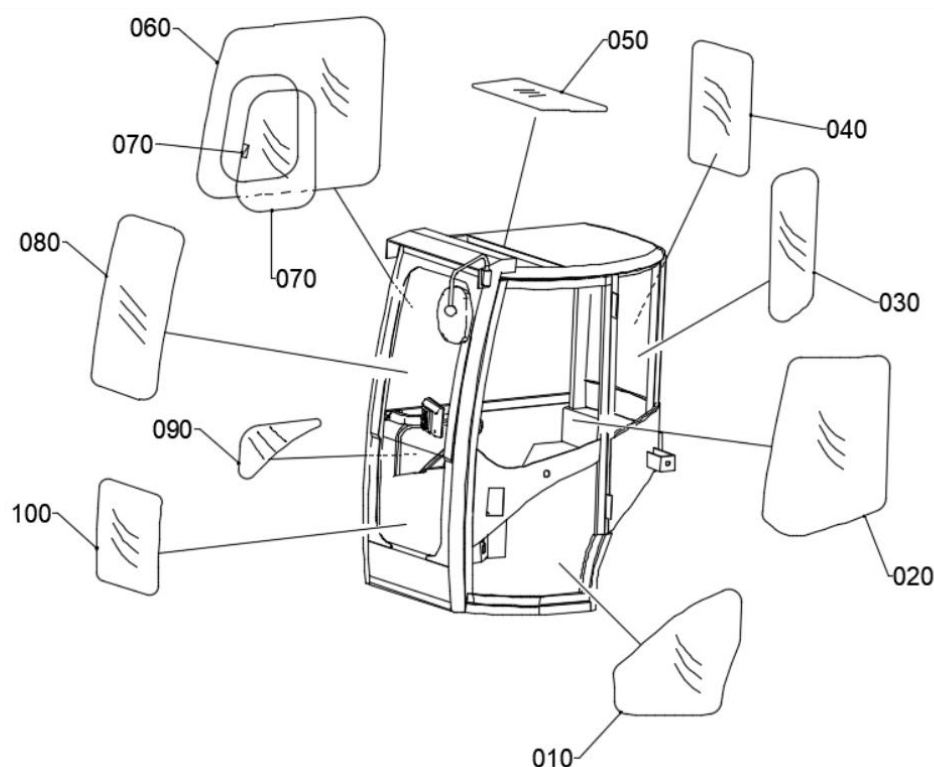


$\leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新



D003

驾驶室 (玻璃)
CAB (GLASS)

[illegible]

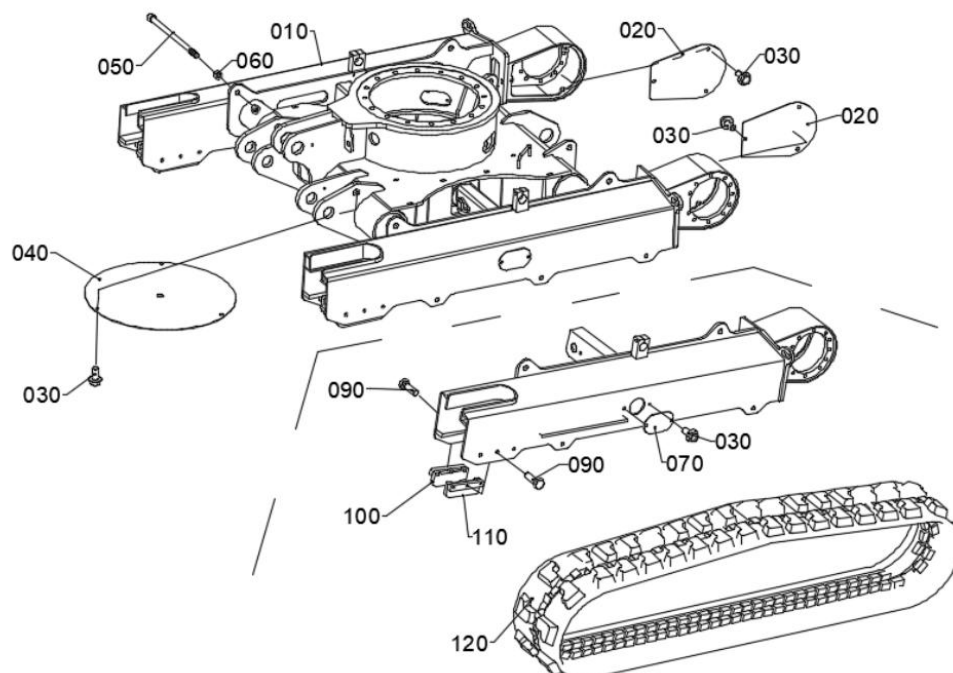
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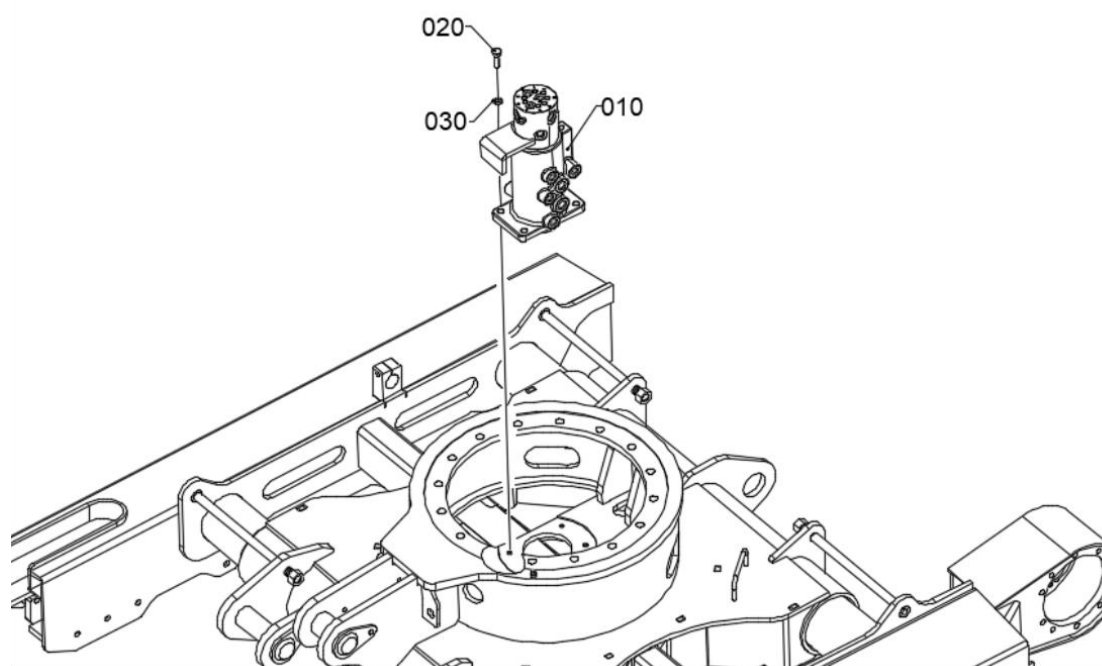
58

E001

履帶架
TRACK FRAME

[illegible]

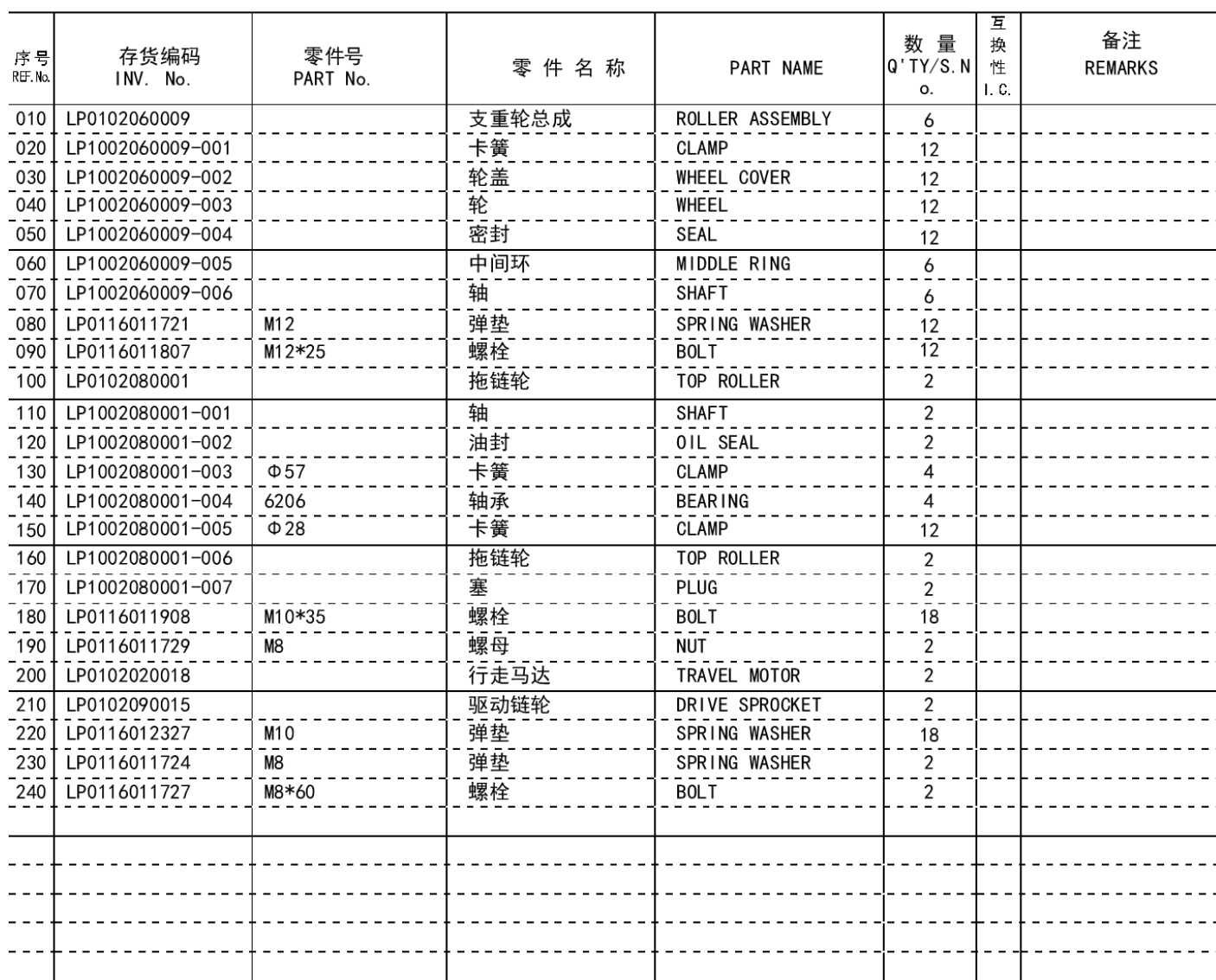
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[illegible]

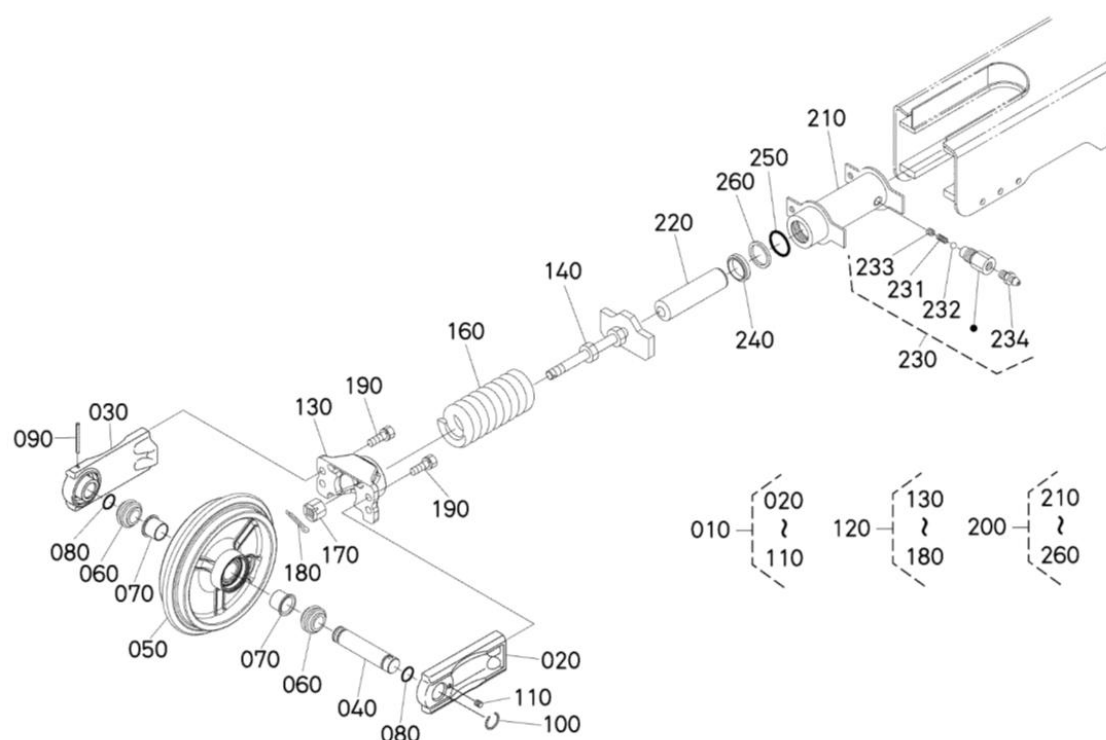
$\leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新



61

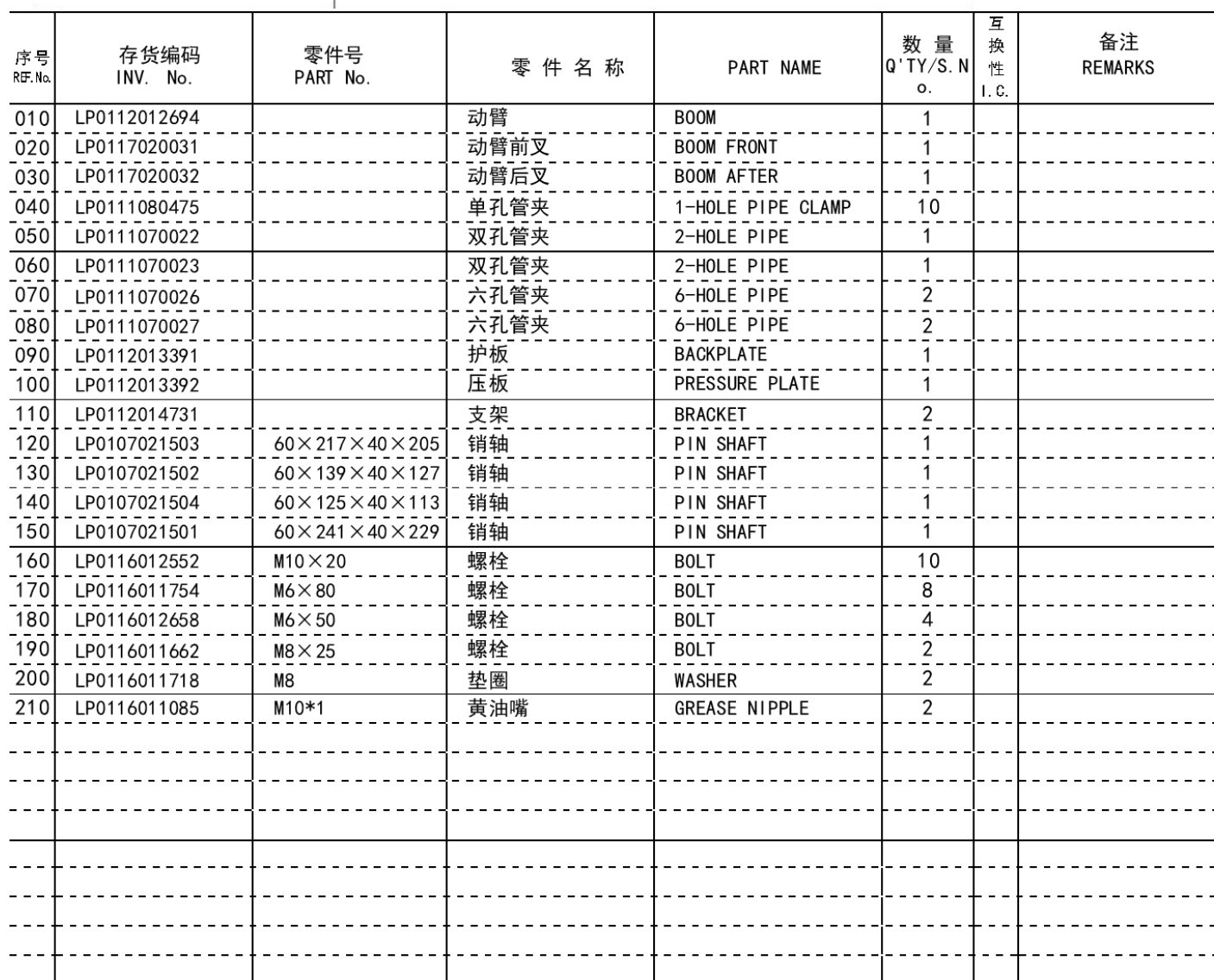


E005

引导轮
IDLER WHEEL

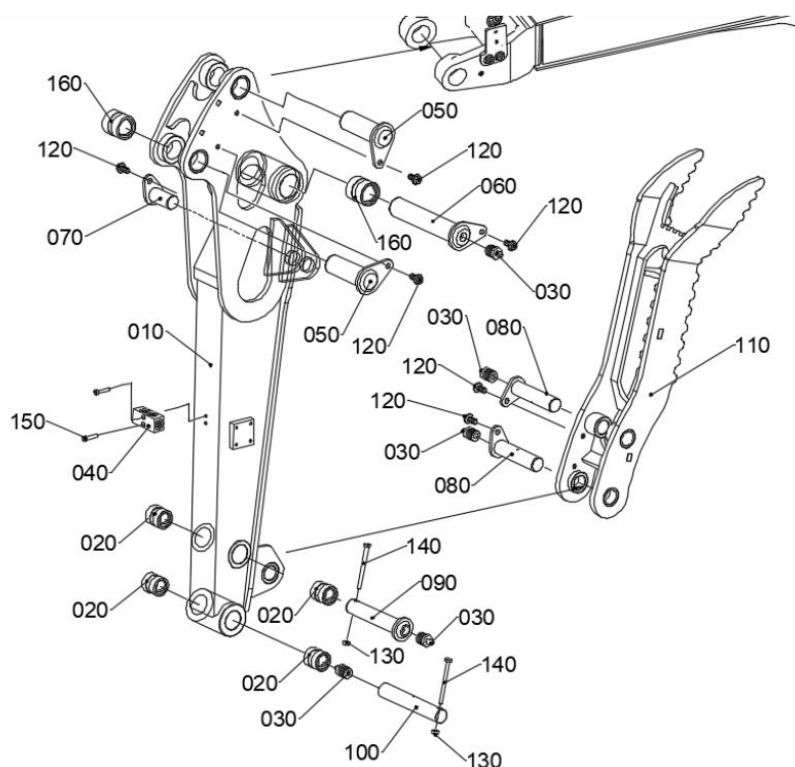
序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S.N o.	互 换 性 I. C.	备注 REMARKS
010	LP0102070013		引导轮组件	IDLER WHEEL ASSEMBLY	2		
020	LP1002070013-001		左侧支架	LEFT BRACKET	2		
030	LP1002070013-002		右侧支架	RIGHT BRACKET	2		
040	LP1002070013-003		引导轮轴	IDLER WHEEL SHAFT	2		
050	LP1002070013-004		引导轮轮	IDLER WHEEL	2		
060	LP1002070013-005		密封接头	SEALING JOINT	4		
070	LP1002070013-006		环套	BUSHING	4		
080	LP1002070013-007		O型圈	O-RING	4		
090	LP1002070013-008		弹簧销	SPRING PIN	2		
100	LP1002070013-009		钢丝	WIRE	2		
110	LP1002070013-010		塞	PLUG	2		
120	LP0102070014		弹簧总成	SPRING ASSEMBLY	2		
130	LP1002070014-001		涨紧弹簧板	TENSION SPRING PLATE	2		
140	LP1002070014-002		弹簧保持架	SPRING RETAINER	2		
160	LP1002070014-003		弹簧	SPRING	2		
170	LP1002070014-004		螺母	NUT	2		
180	LP1002070014-005		开口销	SPLIT PIN	2		
190	LP0116011842	M12-1.75*30	螺栓	BOLT	8		
200	LP0102070015		涨紧油缸	TENSION CYLINDER	2		
210	LP1002070015-001		缸筒	CYLINDER TUBE	2		
220	LP1002070015-002		杆	ROD	2		
230	LP1002070015-003		接头总成	JOINT ASSEMBLY	2		
231	LP1002070015-004		弹簧	SPRING	2		
232	LP1002070015-005		球	BALL	2		
233	LP1002070015-006		塞子	PLUG	2		
234	LP1016011085	M10*1	黄油嘴	NIPPLE, GREASE	2		
240	LP1002070015-007		防尘	DUST PROOF	2		
250	LP1002070015-008	35*41.5*2	O型圈	O-RING	2		
260	LP1002070015-009		支撑环	BACKUP RING	2		

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新



F002

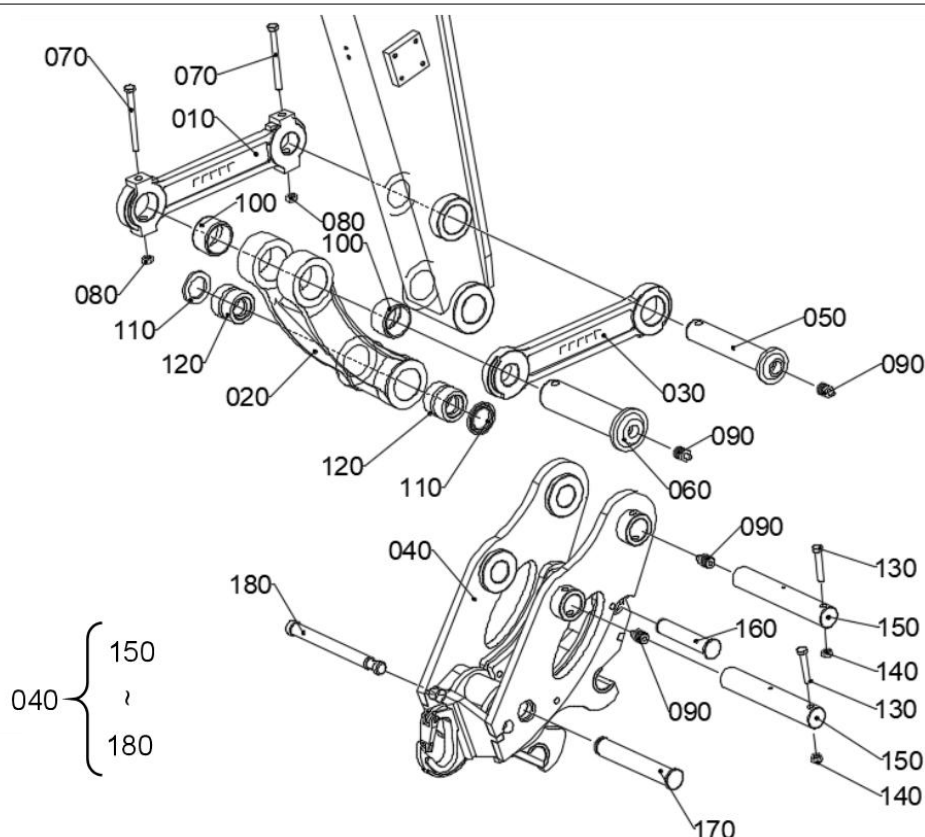
工作装置 (斗杆)
WORK DEVICE (BUCKET ROD)

[illegible]

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

F003

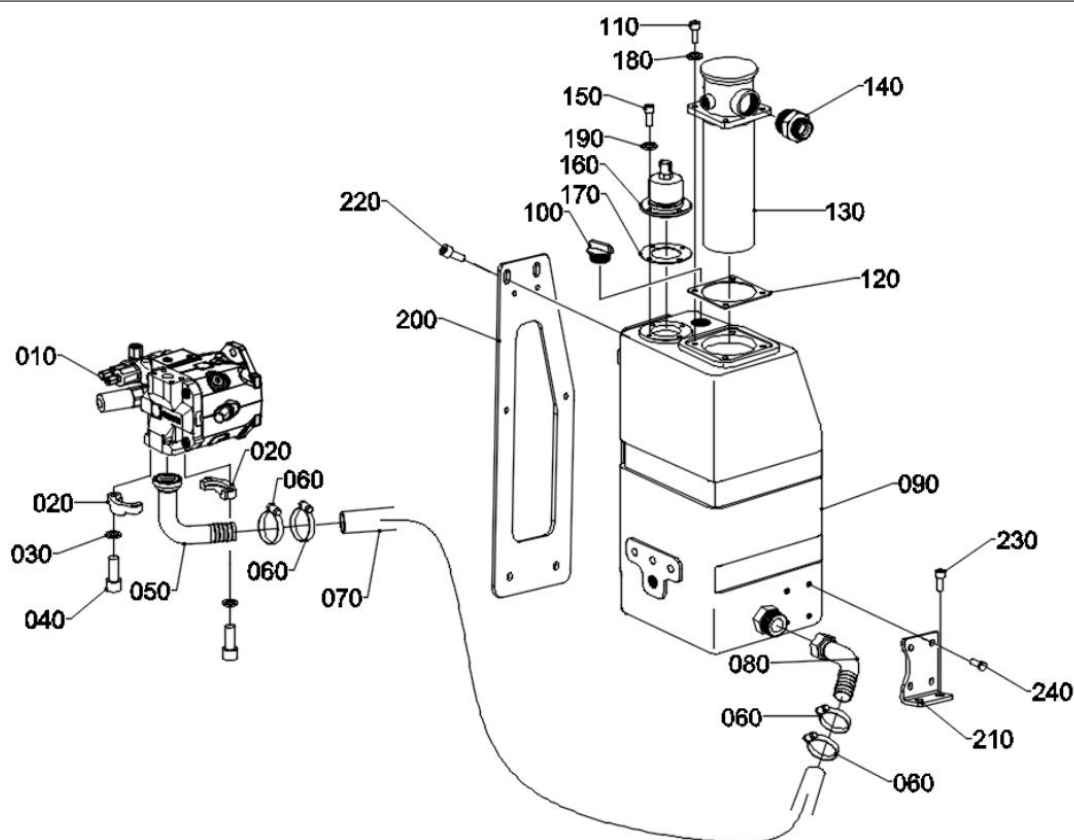
工作装置（连遥杆和快换）
WORK DEVICE (CONNECTING ROD & QUICK-CHANGE)

[illegible]

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

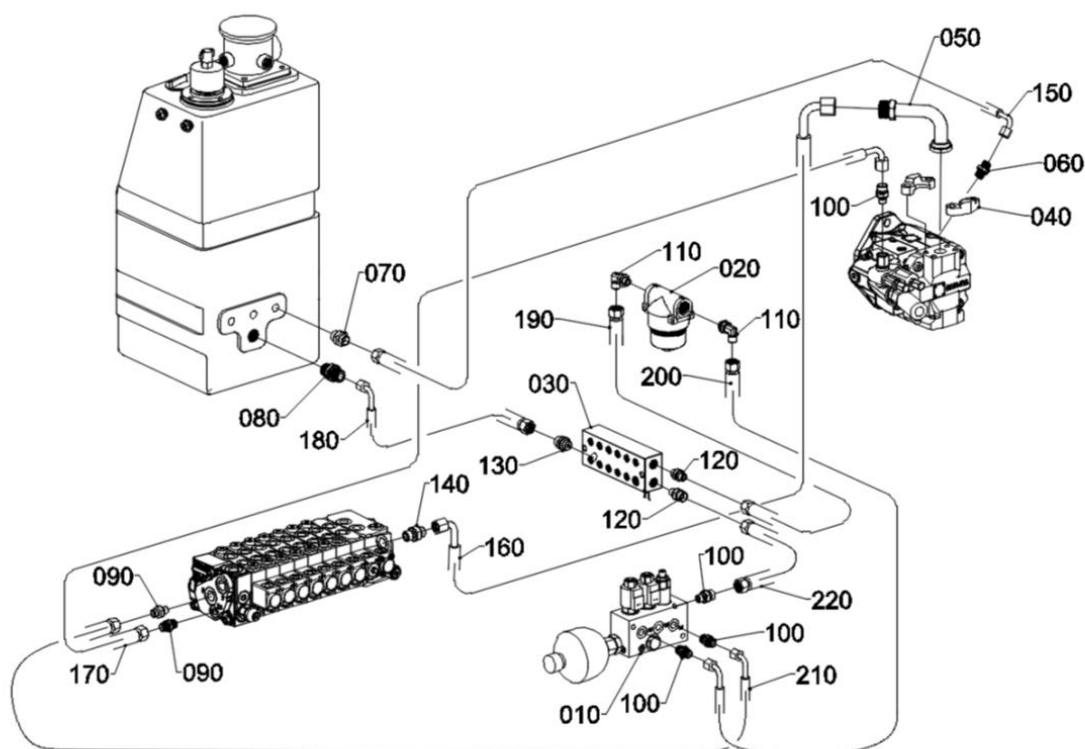
G001

液压系统 (主进油)
HYDRAULIC SYSTEM (MAIN OIL INLET)

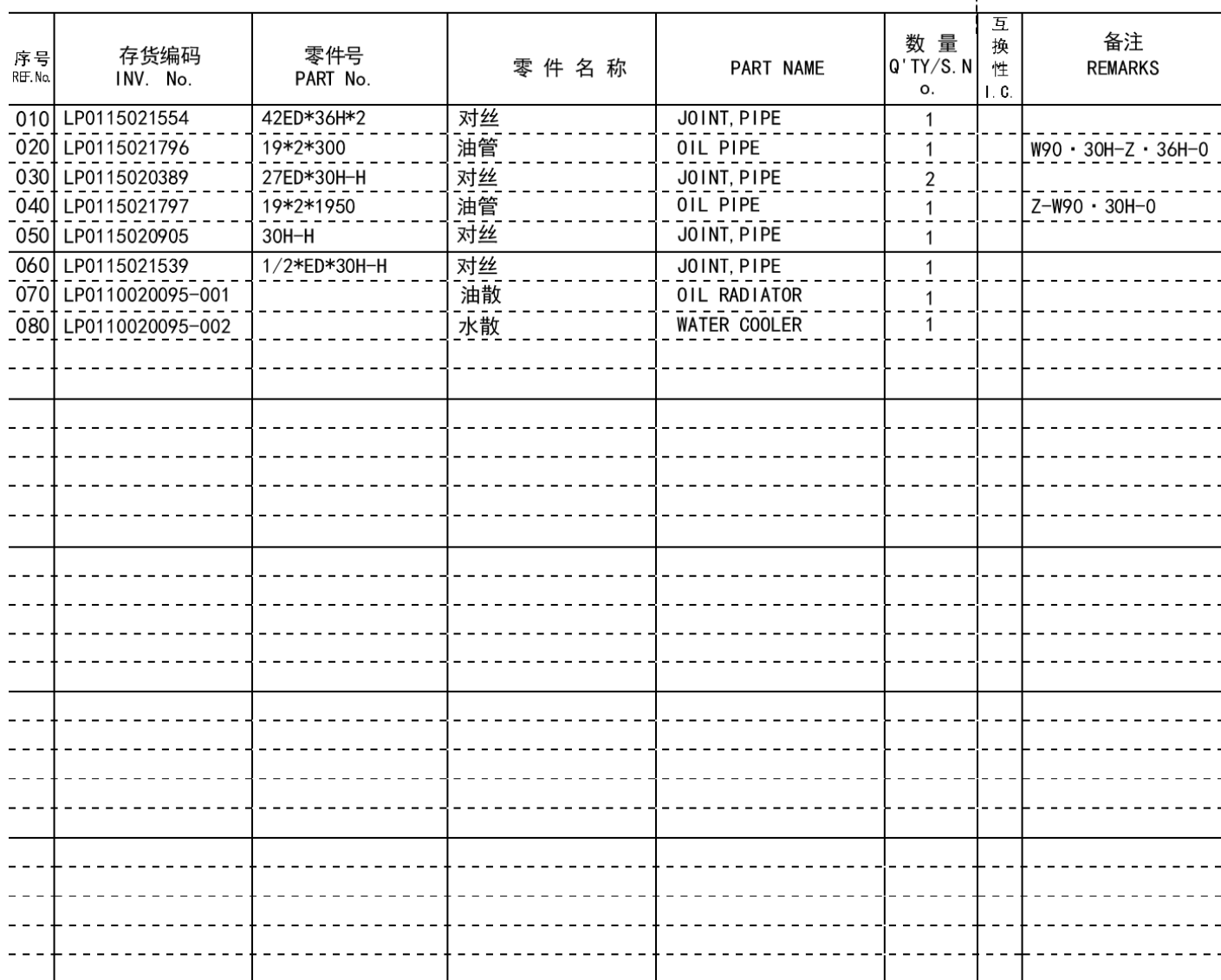
[illegible]

G002

液压系统 (输出)
HYDRAULIC SYSTEM (DELIVERY)

[illegible]

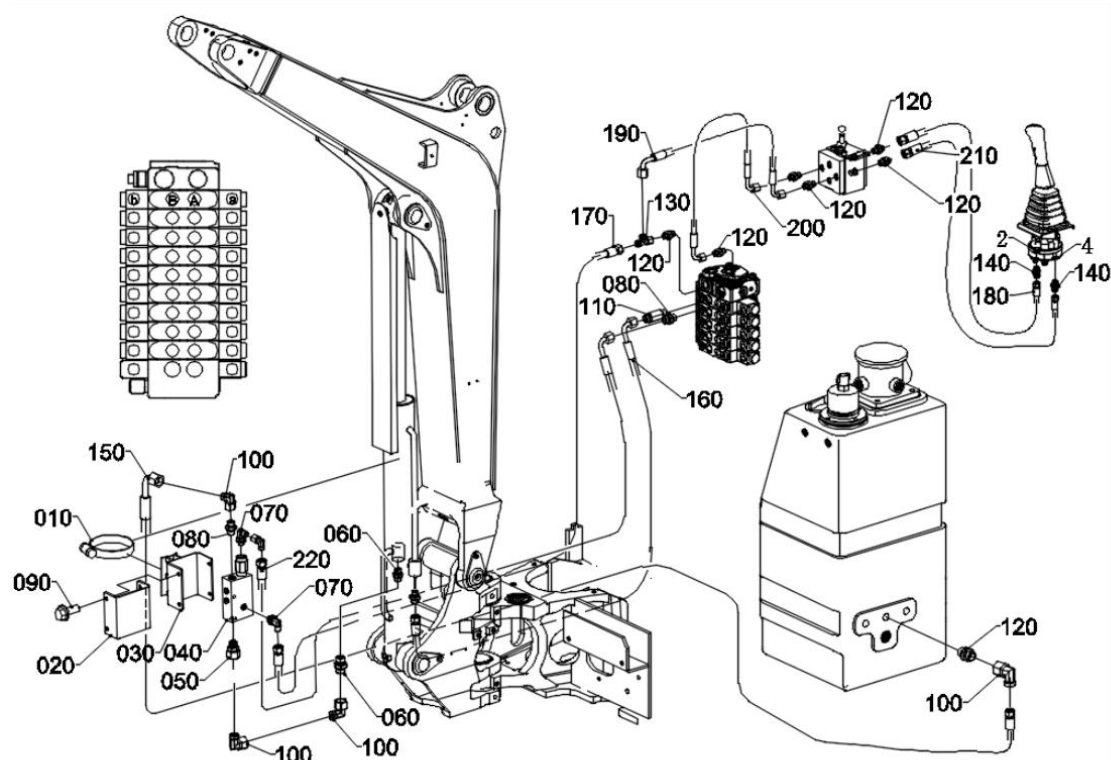
$\leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新



70

G004

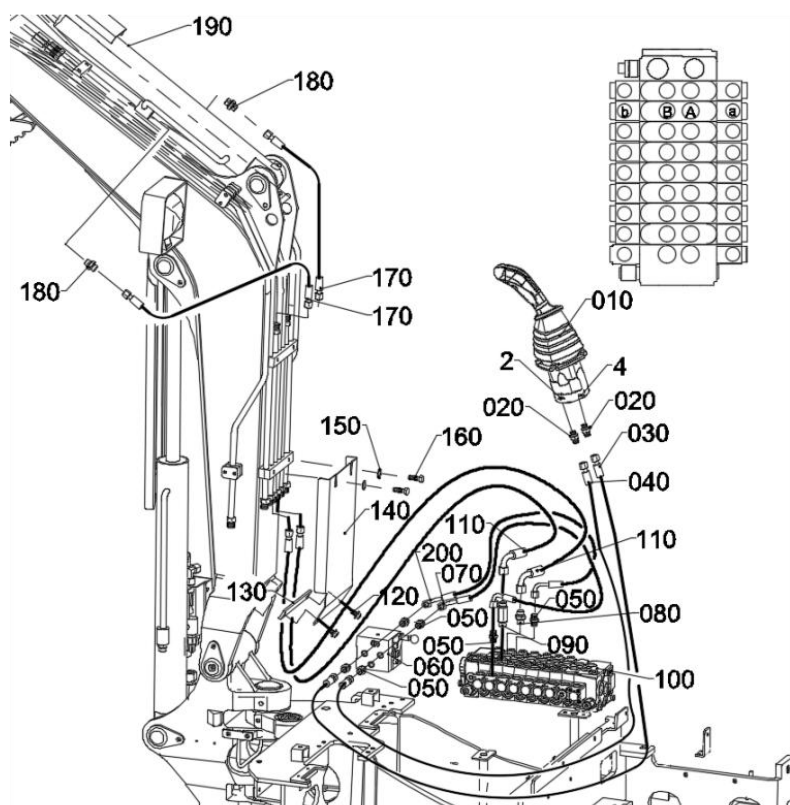
液压系统 (动臂)
HYDRAULIC SYSTEM (BOOM)

[illegible]

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

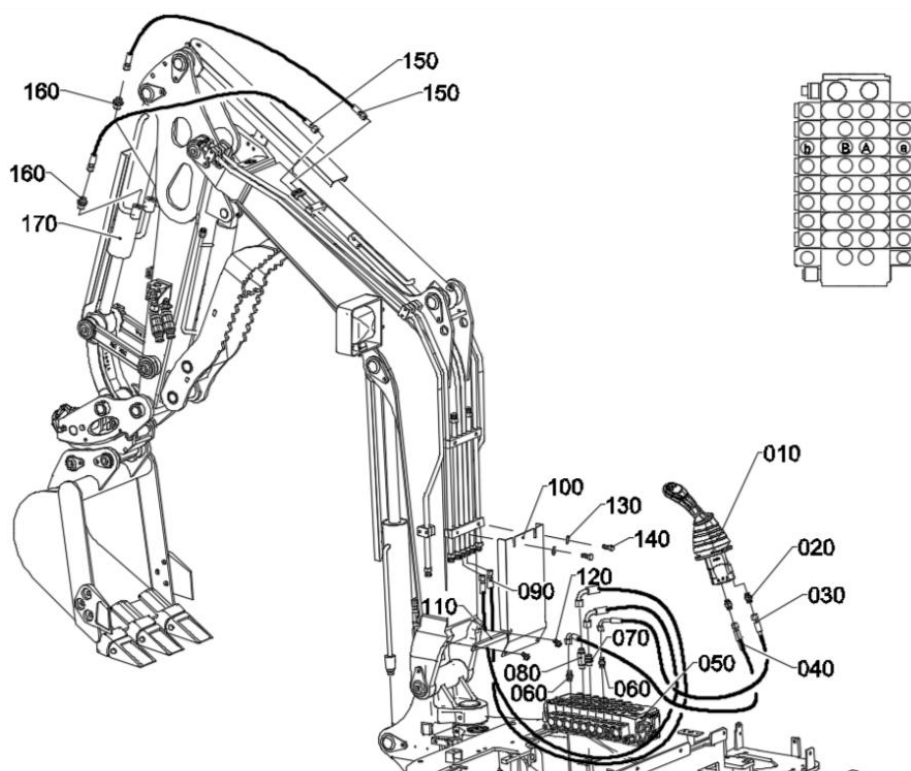
G005

液压系统（斗杆）
HYDRAULIC SYSTEM (ARM)

[illegible]

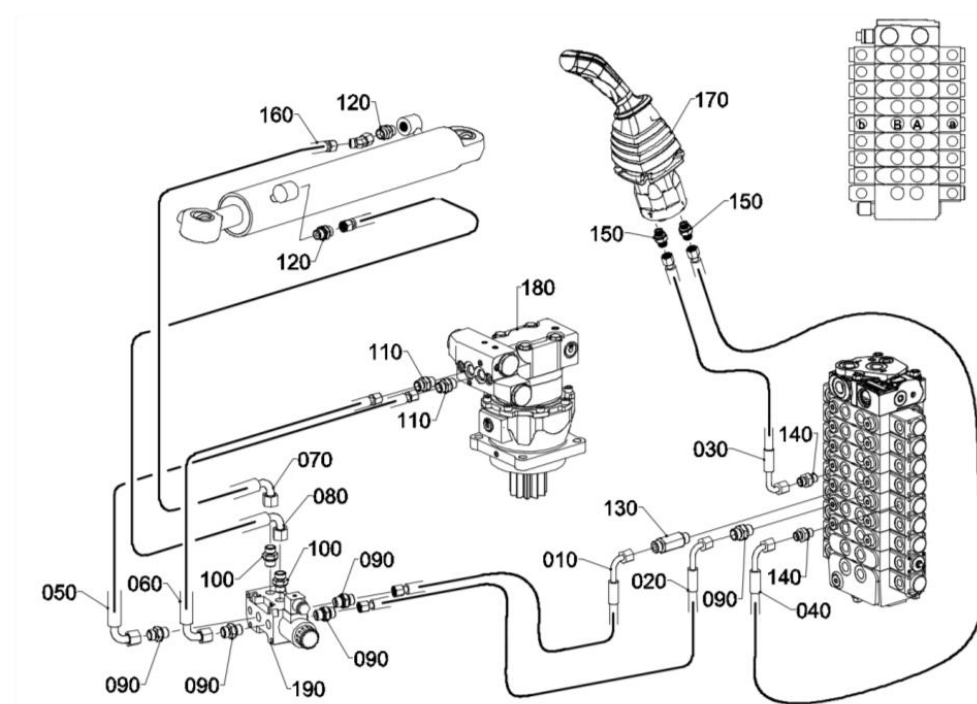
G006

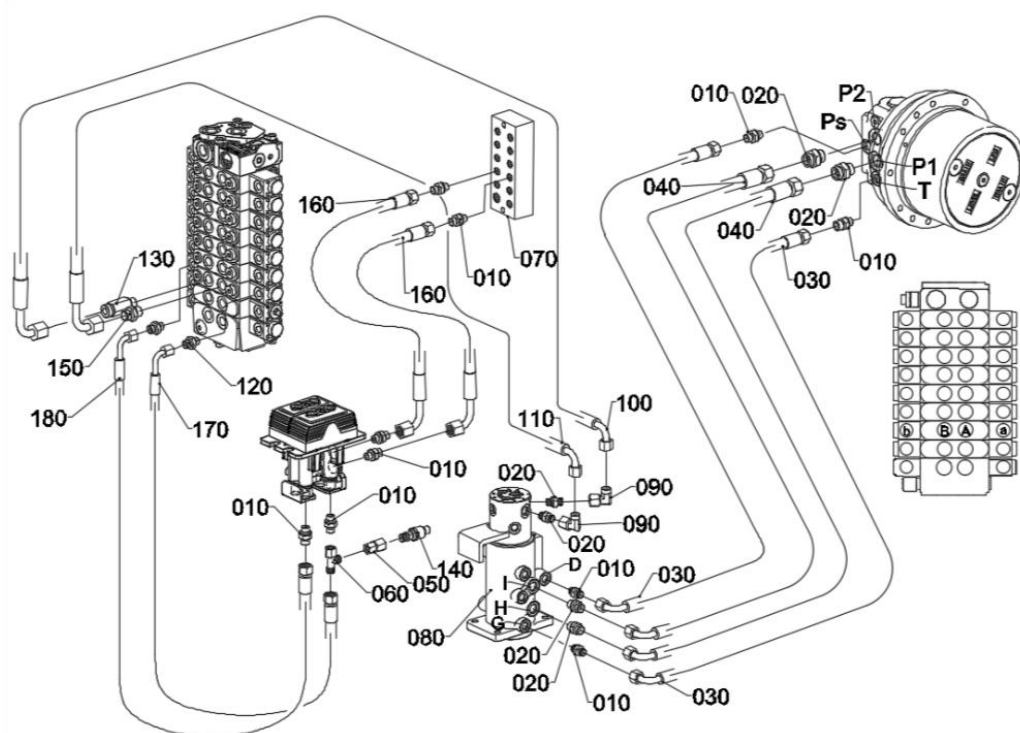
液压系统 (挖斗)
HYDRAULIC SYSTEM (BUCKET)

[illegible]

G007

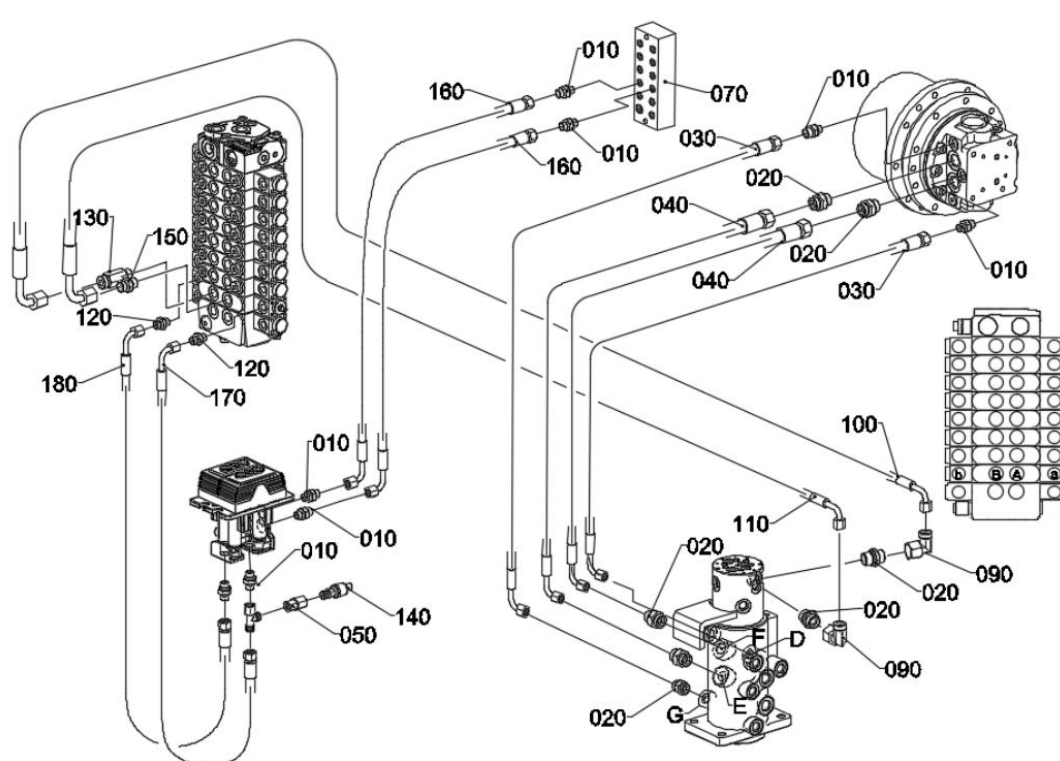
液压系统（偏摆回转）
HYDRAULIC SYSTEM (SWING ROTARY)

[illegible]

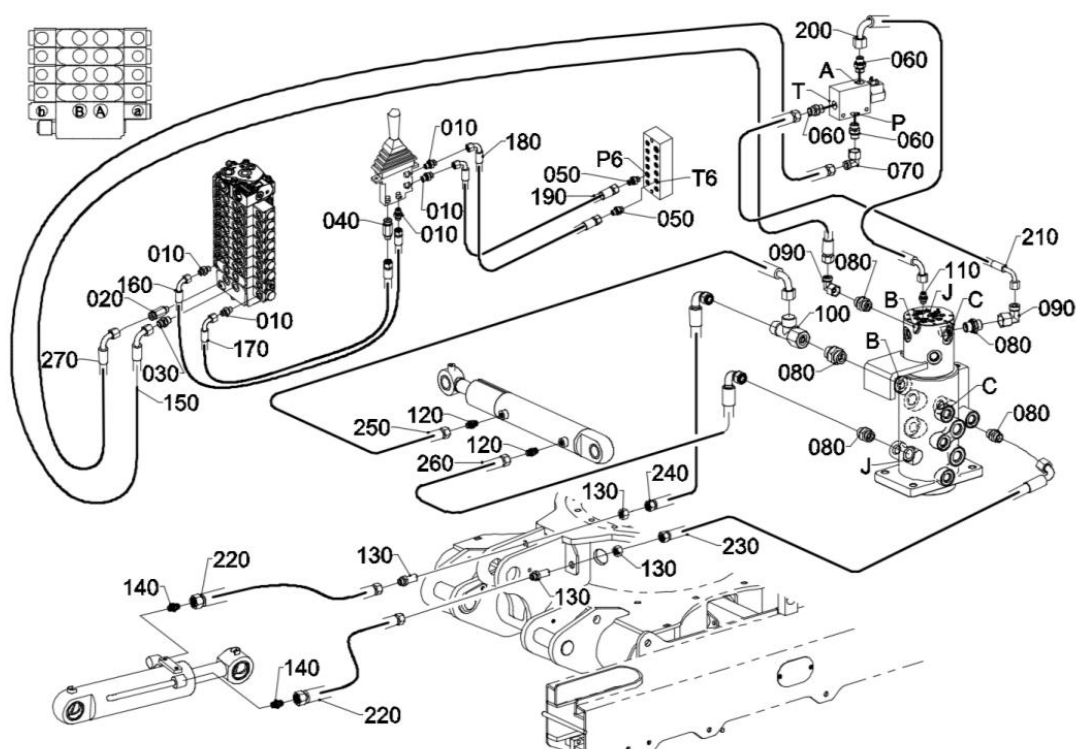
[illegible]

G009

液压系统(右行走)
SPOOL SECTION (TRAVEL RH)

[illegible]

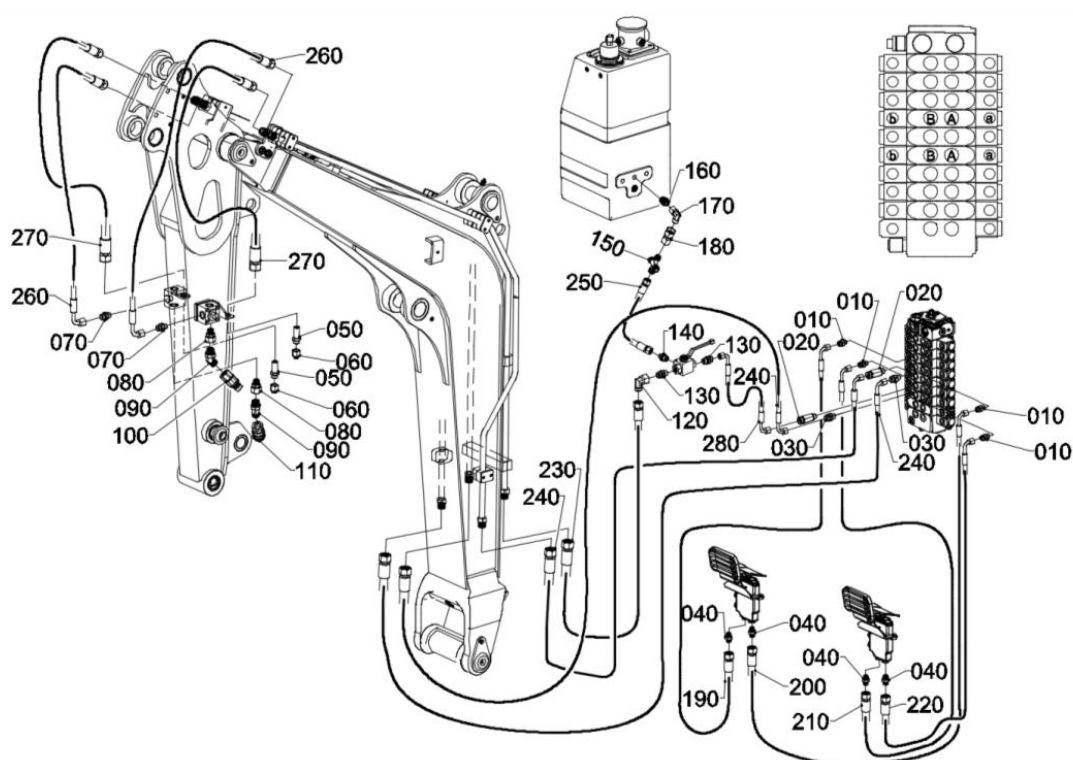
G010

 阀体部件(推土)
 SPOOL SECTION (BLADE)


序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. No.	互换性 I. C.	备注 REMARKS
010	LP0115020371	G1/4ED*14H	对丝	JOINT, PIPE	5		
020	LP0115020846	G3/8ED*18H	对丝	JOINT, PIPE	1		HIGH
030	LP0115020230	G3/8ED*18H	对丝	JOINT, PIPE	1		
040	LP0115021413	G3/8ED*16H	对丝	JOINT, PIPE	1		HIGH
050	LP0115021484	1/4*14H	对丝	JOINT, PIPE	2		
060	LP0115020377	1/4ED*16H	对丝	JOINT, PIPE	3		
070	LP0115021471	16H	直角活螺母	RIGHT-ANGLE NUT	1		
080	LP0115021486	1/4*16H	对丝	JOINT, PIPE	5		
090	LP0115020221	16H	直角活螺母	RIGHT-ANGLE NUT	2		
100	LP0116031373	16H	边母三通	SIDE FEMALE TEE	1		
110	LP0115021911	1/8*16H	对丝	JOINT, PIPE	1		
120	LP0116031808	14ED*16H	对丝	JOINT, PIPE	2		
130	LP0115021471	16H	加长隔壁	EXTENDED NIPPLE	2		
140	LP0115020734	16ED*16H	对丝	JOINT, PIPE	2		
150	LP0115021912	8*2*1100	油管	OIL PIPE	1		Z-W90 · 16H-0
160	LP0115021913	6*1*1330	油管	OIL PIPE	1		W90-W90 · 14H-T
170	LP0115021914	6*1*1030	油管	OIL PIPE	1		W90-W90 · 14H-T
180	LP0116030672	6*1*950	油管	OIL PIPE	1		Z-W90 · 14H-0
190	LP0115021915	6*1*980	油管	OIL PIPE	1		Z-W90 · 14H-0
200	LP0115021916	8*2*600	油管	OIL PIPE	1		W90-W90 · 16H-Y
210	LP0115021917	8*2*300	油管	OIL PIPE	1		Z-W45 · 16H-0
220	LP0115021918	8*2*500	油管	OIL PIPE	2		Z-Z · 16H-0
230	LP0115021919	8*2*350	油管	OIL PIPE	1		Z-W90 · 16H-0
240	LP0115021919	8*2*350	油管	OIL PIPE	1		Z-W90 · 16H-0
250	LP0115021920	8*2*370	油管	OIL PIPE	1		Z-W90 · 16H-0
260	LP0115021921	8*2*530	油管	OIL PIPE	1		W90-W90 · 16H-Y
270	LP0115021847	8*2*570	油管	OIL PIPE	1		Z-W90 · 16H-0

↔ 可互换；↗ 不可互换；← 以新换旧；→ 以旧换新

G011

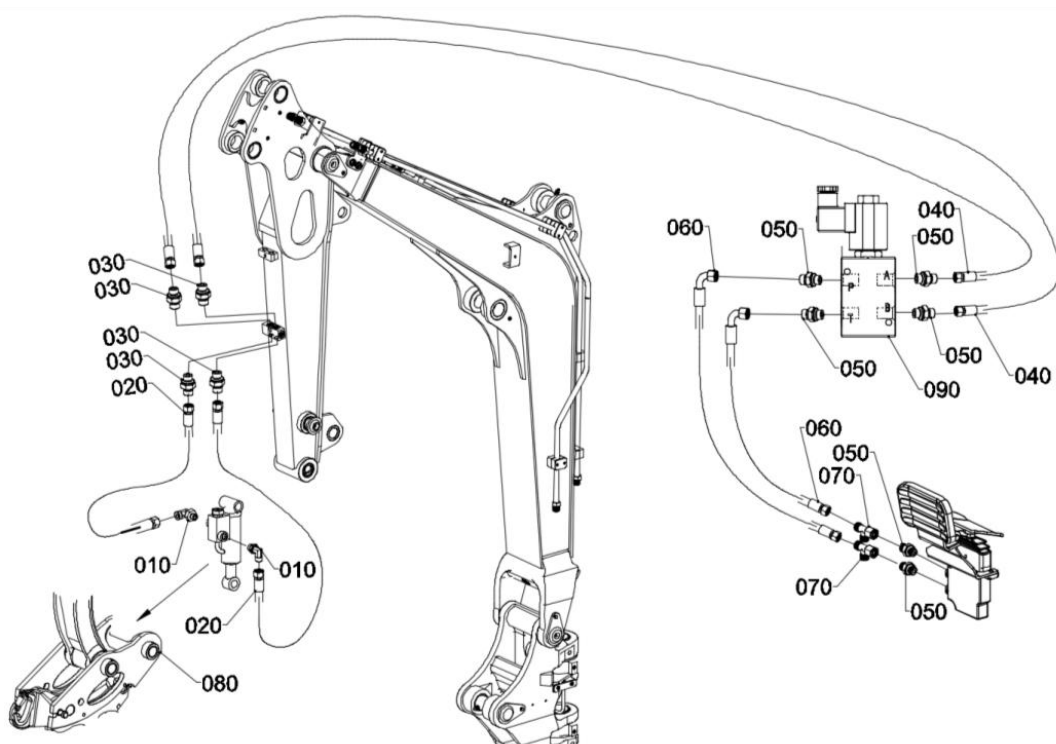
 阀体部件(破碎)
 SPOOL SECTION (CRUSHING)


序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP0115020371	G1/4ED*14H	对丝	JOINT, PIPE	4		
020	LP0115020846	G3/8ED*18H-H	对丝	JOINT, PIPE	1		
030	LP0115020230	G3/8ED*18H	对丝	JOINT, PIPE	3		
040	LP0115021484	1/4*14H	对丝	JOINT, PIPE	4		
050	LP0115021155	18H	隔壁对丝	JOINT, PIPE	2		
060	LP0115020231	18H	母堵	FEMALE PLUG	2		
070	LP0115020230	3/8ED*18H	对丝	JOINT, PIPE	2		
080	LP0115020391	3/8ED*22H	对丝	JOINT, PIPE	2		
090	LP0115021421	1/2*22H (45°)	对丝	JOINT, PIPE	2		
100	LP0115021271	1/2	快速接头 (公)	JOINT, PIPE	1		
110	LP0115021727	1/2	快速接头 (母)	JOINT, PIPE	1		
120	LP0115020844	14H	直角活螺母	RIGHT-ANGLE NUT	1		
130	LP0115020218	3/8ED*14H	对丝	JOINT, PIPE	2		
140	LP0115020230	3/8ED*18H	对丝	JOINT, PIPE	1		
150	LP0115021929	14H	四通	4-WAY JOINT	1		
160	LP0115020371	14ED*14H	对丝	JOINT, PIPE	1		
170	LP0115020844	14H	直角活螺母	RIGHT-ANGLE NUT	1		
180	LP0115021128	14H	双头串母	DBL-END FEM CONN	1		
190	LP0115021837	6*1*1300	油管	OIL PIPE	1		Z-W90 · 14H-0
200	LP0115020919	6*1*850	油管	OIL PIPE	1		Z-W90 · 14H-0
210	LP0116030672	6*1*950	油管	OIL PIPE	1		Z-W90 · 14H-0
220	LP0115021930	6*1*830	油管	OIL PIPE	1		Z-W90 · 14H-0
230	LP0115021660	10*2*1950	油管	OIL PIPE	1		Z-W90 · 18H-0
240	LP0115021931	10*2*1710	油管	OIL PIPE	3		Z-W90 · 18H-0
250	LP0115021932	6*1*1000	油管	OIL PIPE	1		Z-Z · 14H-0
260	LP0115021682	10*2*750	油管	OIL PIPE	2		Z-W90 · 18H-0
270	LP0115021659	10*2*750	油管	OIL PIPE	2		Z-Z · 18H-0
280	LP0115020666	10*2*1000	油管	OIL PIPE	1		Z-W90 · 18H-0

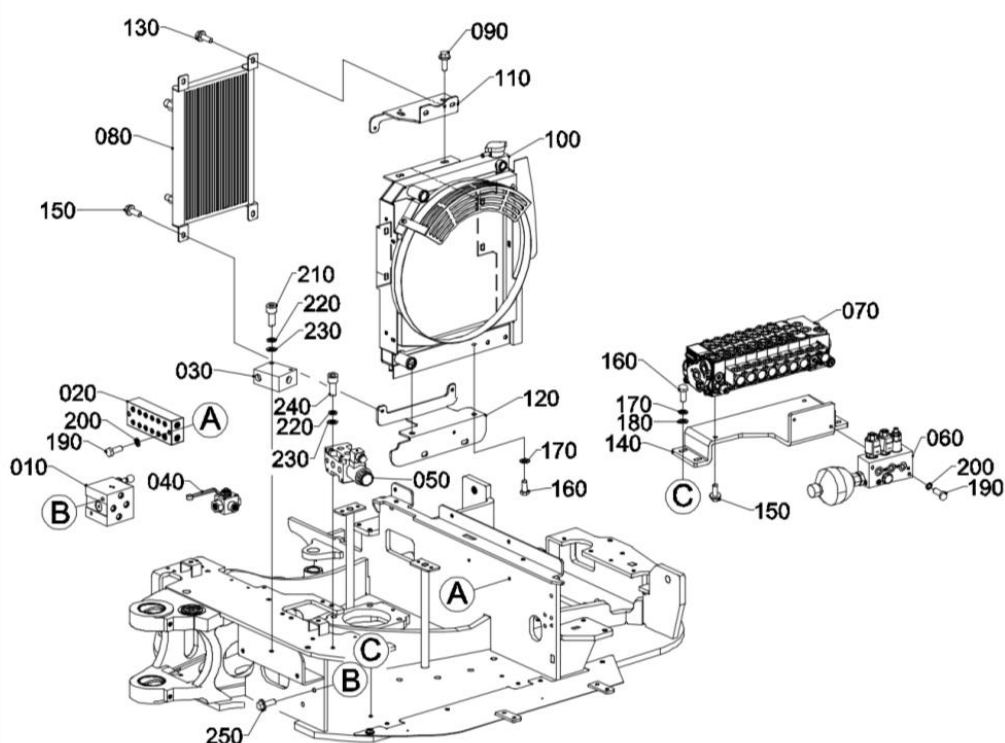
↔ 可互换 ; ↗ 不可互换 ; ← 以新换旧 ; → 以旧换新

G012

阀体部件 (快换)
SPOOL SECTION (QUICK CHANGE)

[illegible]

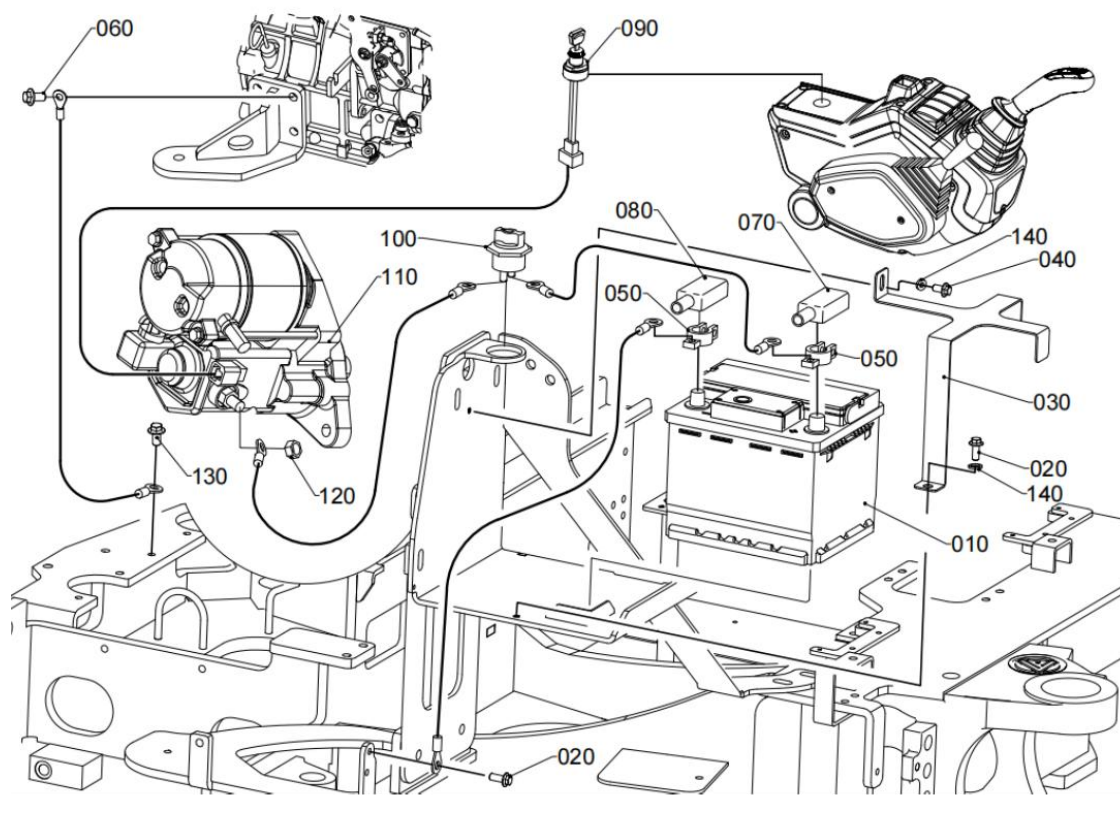
$\leftrightarrow$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新

[illegible]

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

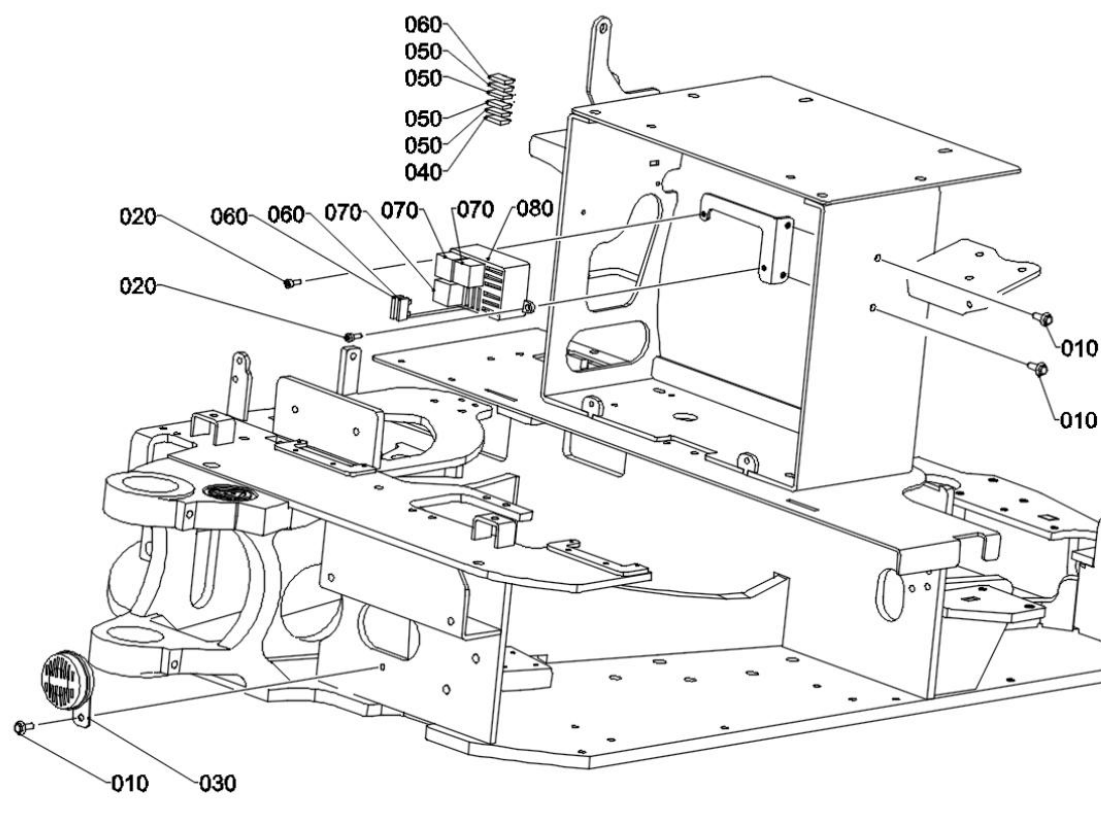
H001

电气系统 (电瓶)
ELECTRICAL SYSTEM (BATTERY)

[illegible]

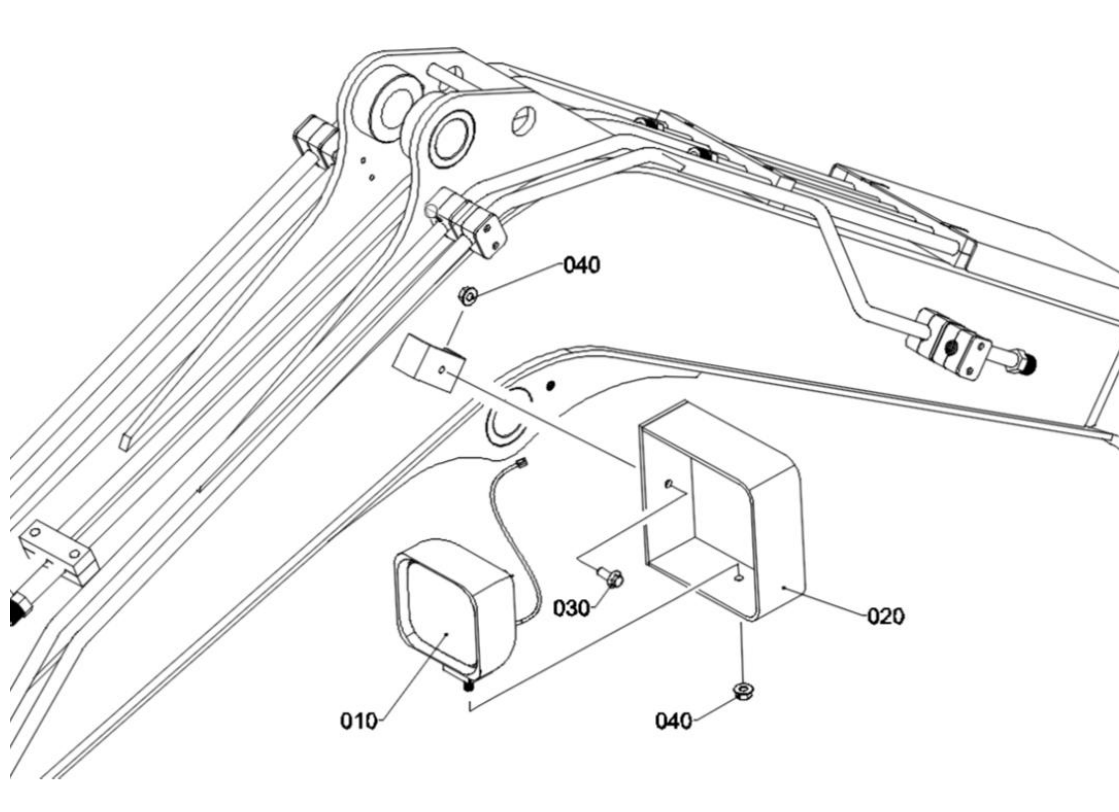
H002

电气系统（喇叭和继电器）
ELECTRICAL SYSTEM (HORN AND RELAY)

[illegible]

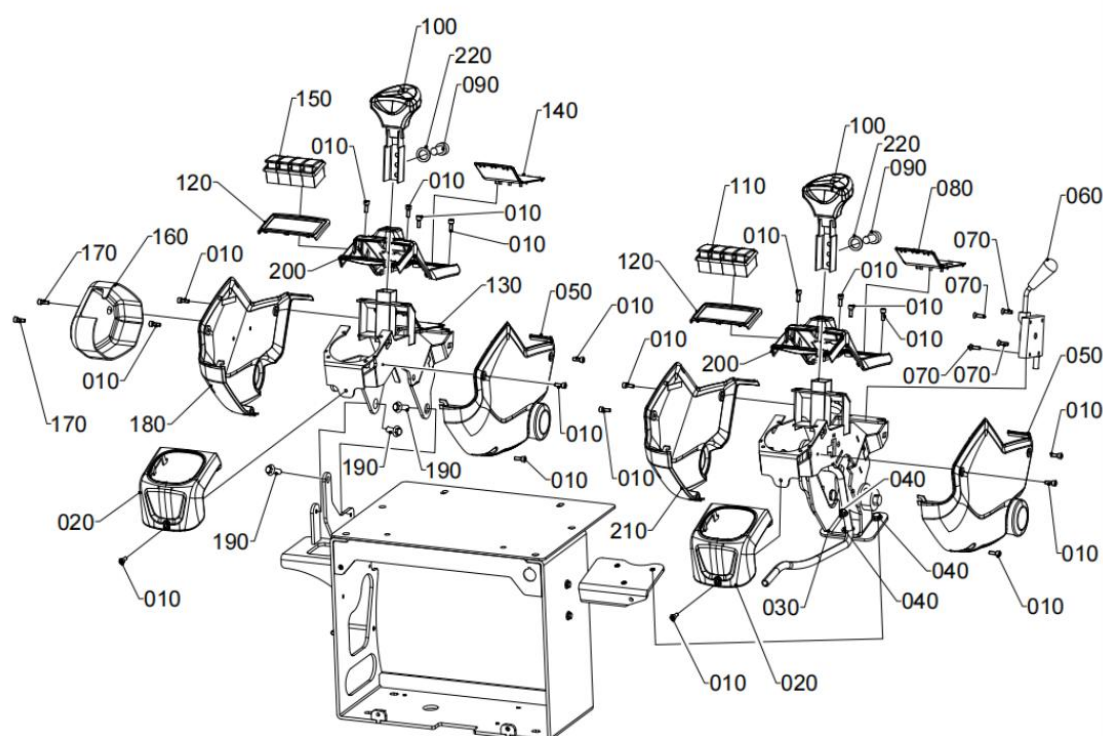
H003

电气系统 (灯)
ELECTRICAL SYSTEM (LIGHT)

[illegible]

H004

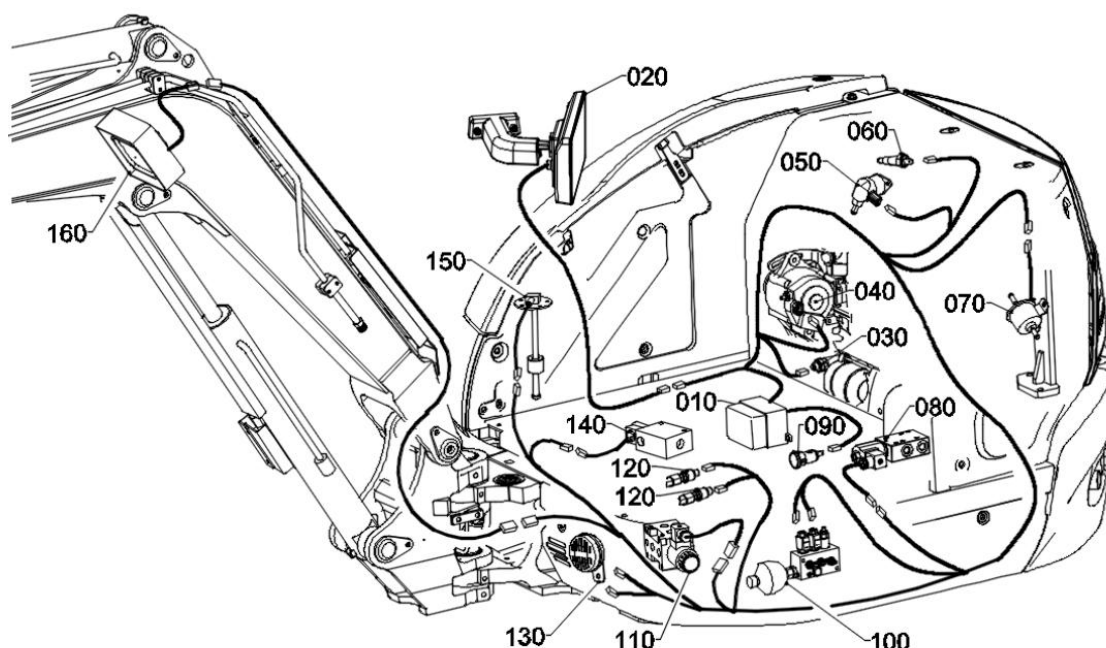
电气系统 (扶手箱)
ELECTRICAL SYSTEM (ARMREST BOX)

[illegible]

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

H005

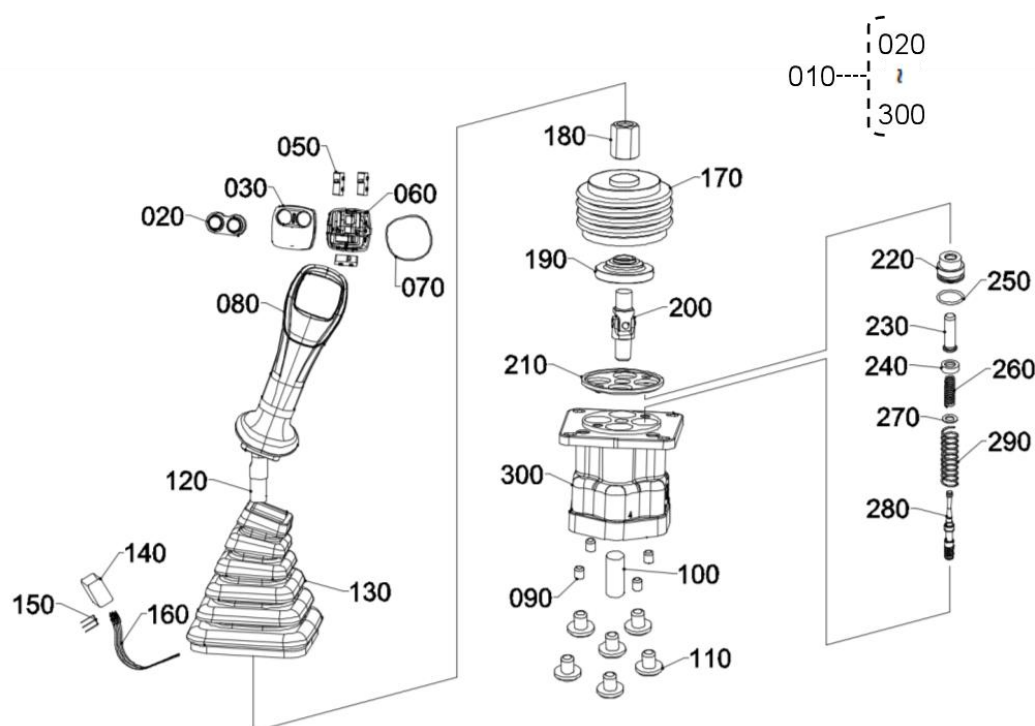
电气系统 (元件)
CONTROL LEVER (LEVER LH)

[illegible]

J001

先导手柄（左手柄）

CONTROL LEVER (LEVER LH)

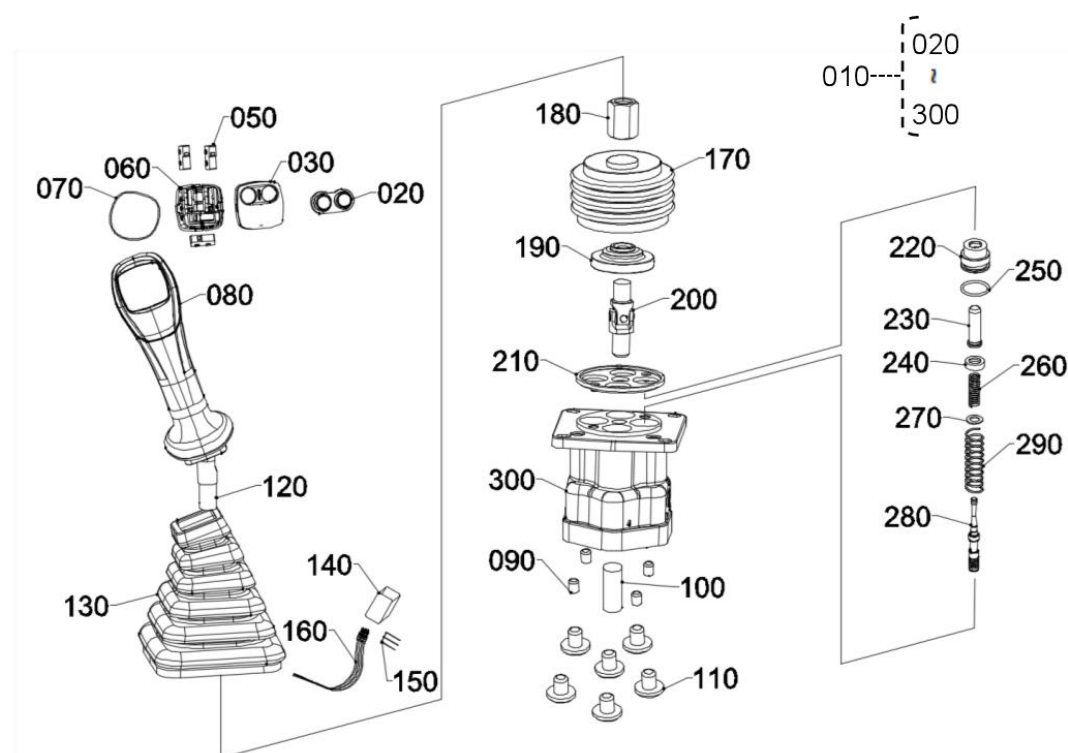


序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP0115030080		先导左手柄	PILOT LEFT HANDLE	1		
020	LP1015030080-001		大按键	LARGE BUTTON	1		
030	LP1015030080-002		固定板	FIXING PLATE	1		
040	-----		空白	BLANK			
050	LP1015030080-003		开关	SWITCH	3		
060	LP1015030080-004		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

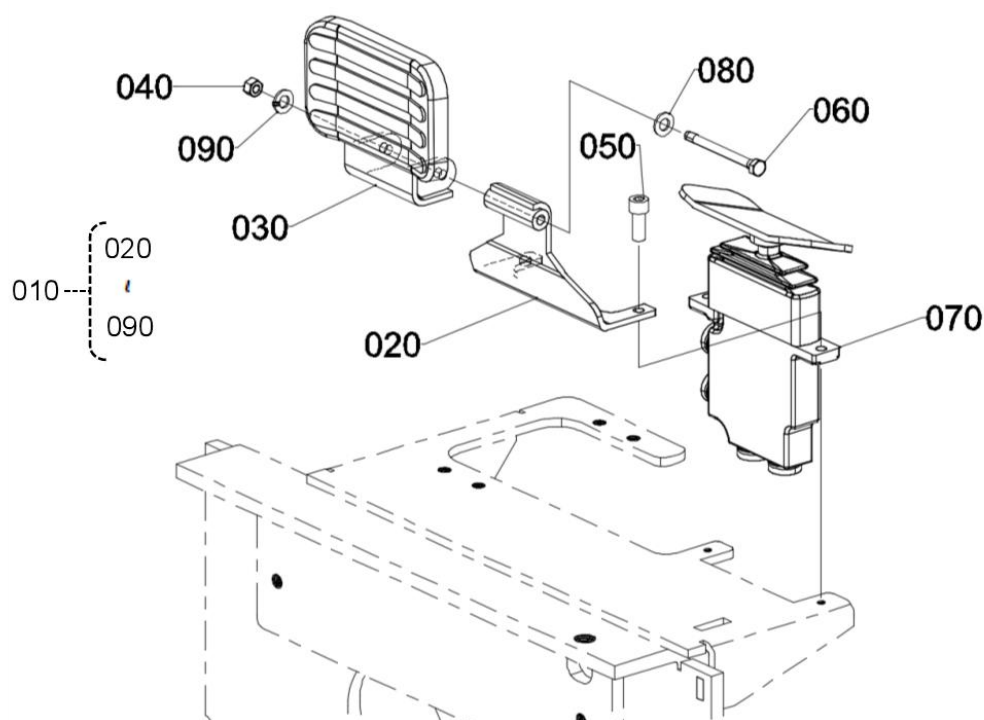
J002

先导手柄（右手柄） CONTROL LEVER (LEVER RH)

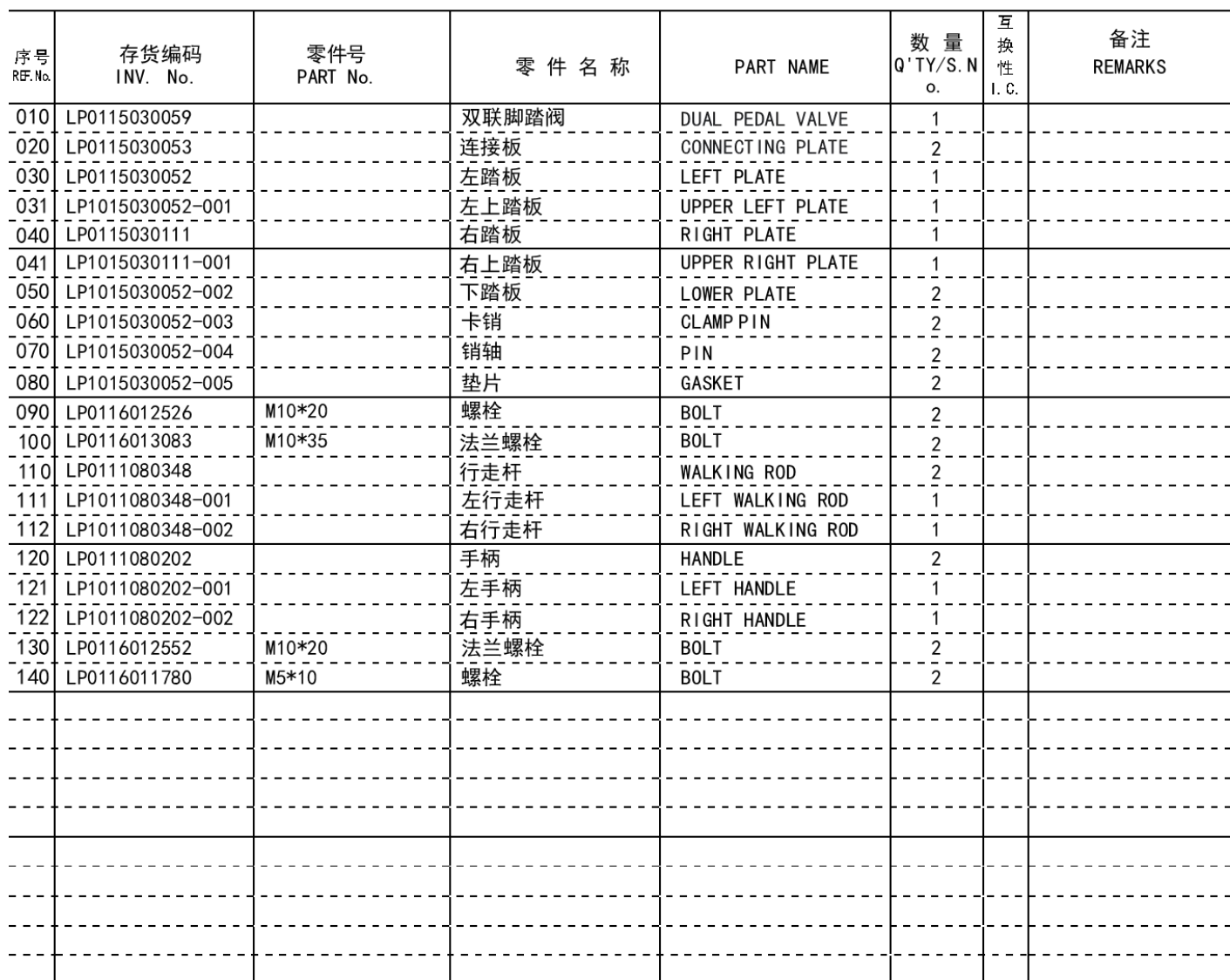


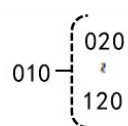
序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP0115030079		先导右手柄	PILOT LEFT HANDLE	1		
020	LP1015030080-001		大按键	LARGE BUTTON	1		
030	LP1015030080-002		固定板	FIXING PLATE	1		
040	-----		空白	BLANK			
050	LP1015030080-003		开关	SWITCH	3		
060	LP1015030080-004		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]

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

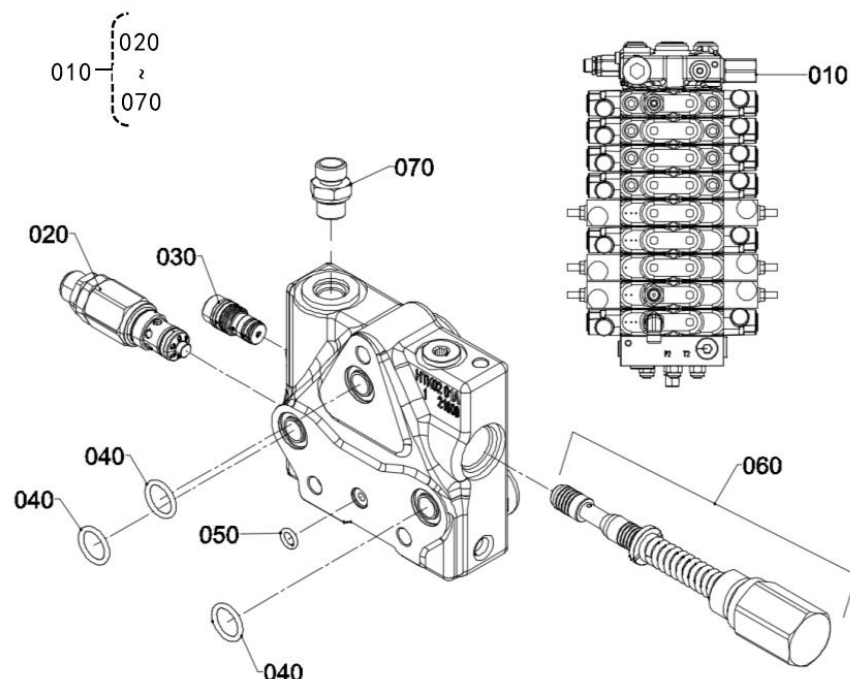




$\rightleftharpoons$ 可互换 ; $\neq$ 不可互换 ; $\leftarrow$ 以新换旧 ; $\rightarrow$ 以旧换新

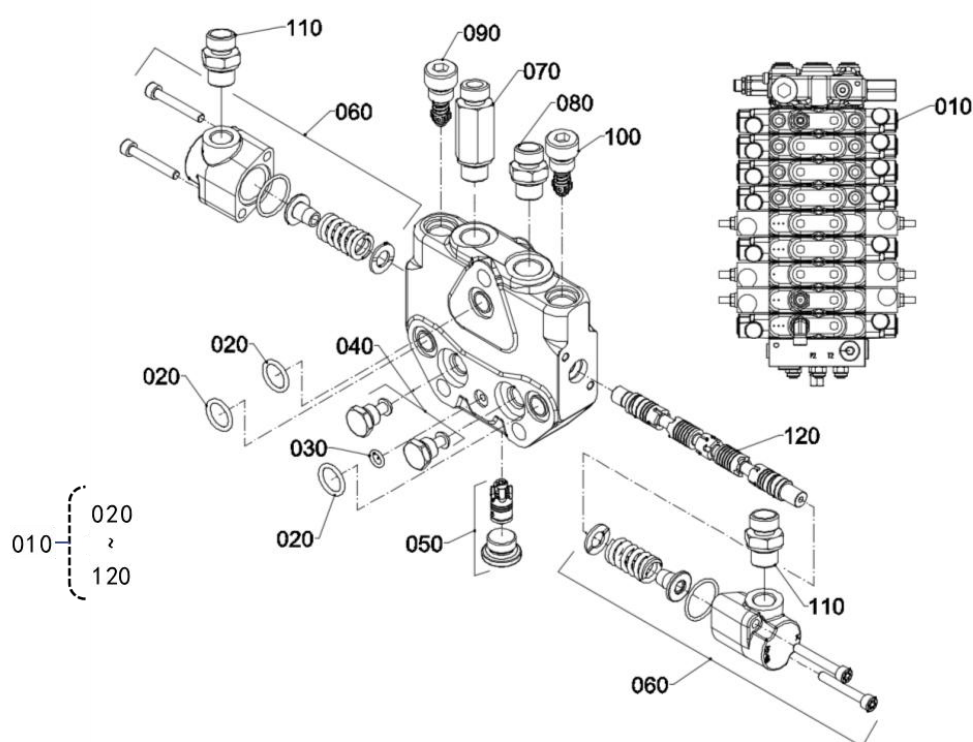
K001

阀体部件(进油)
SPOOL SECTION (OIL INLET)

[illegible]

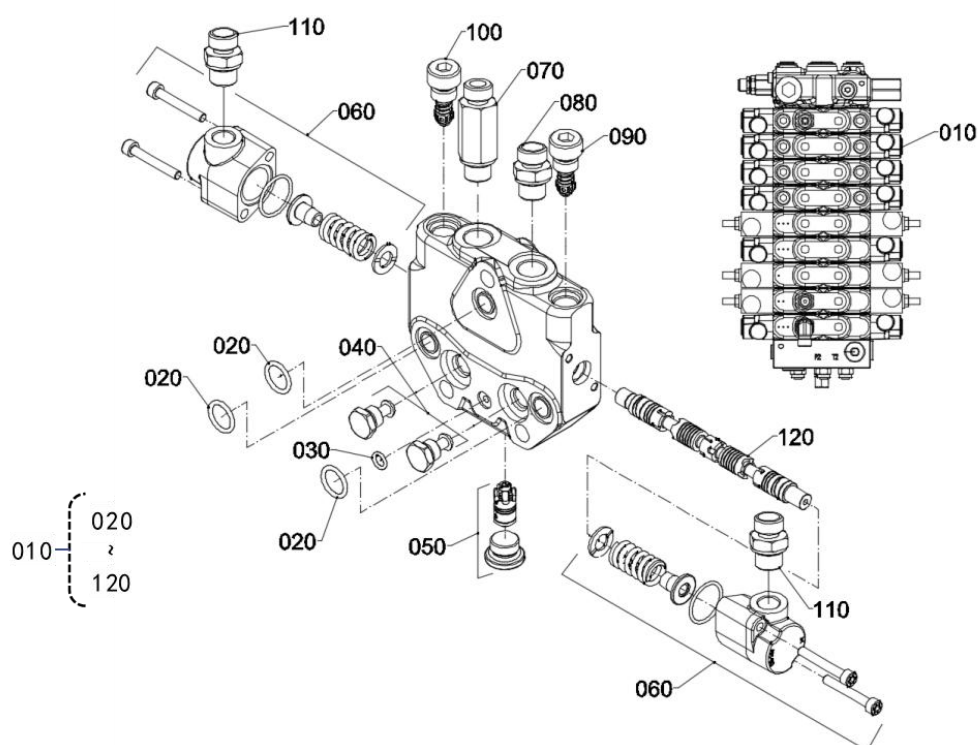
K002

阀体部件(动臂)
SPOOL SECTION (BOOM)

[illegible]

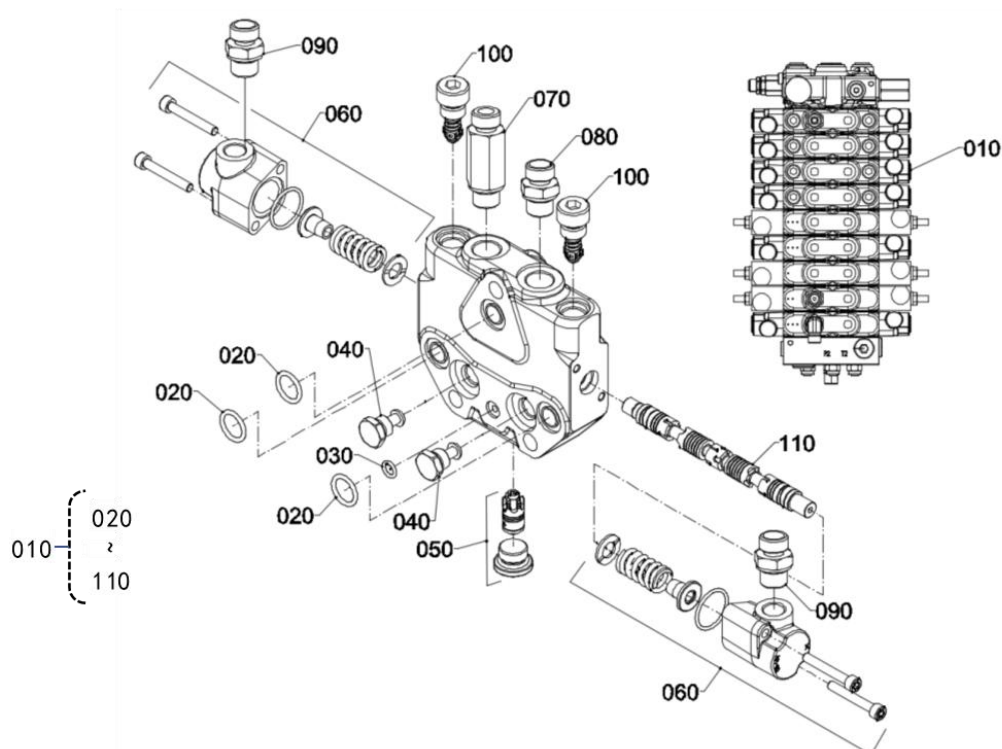
K003

阀体部件(斗杆)
SPOOL SECTION (ARM)

[illegible]

K004

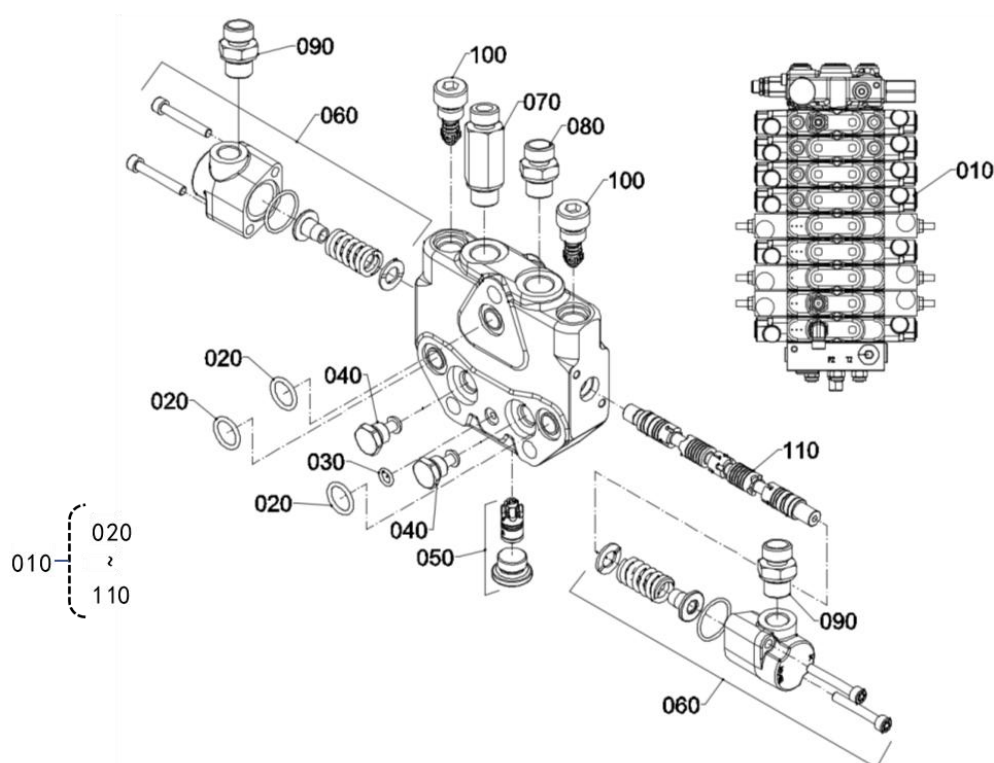
阀体部件(铲斗)
SPOOL SECTION (BUCKET)

[illegible]

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

K005

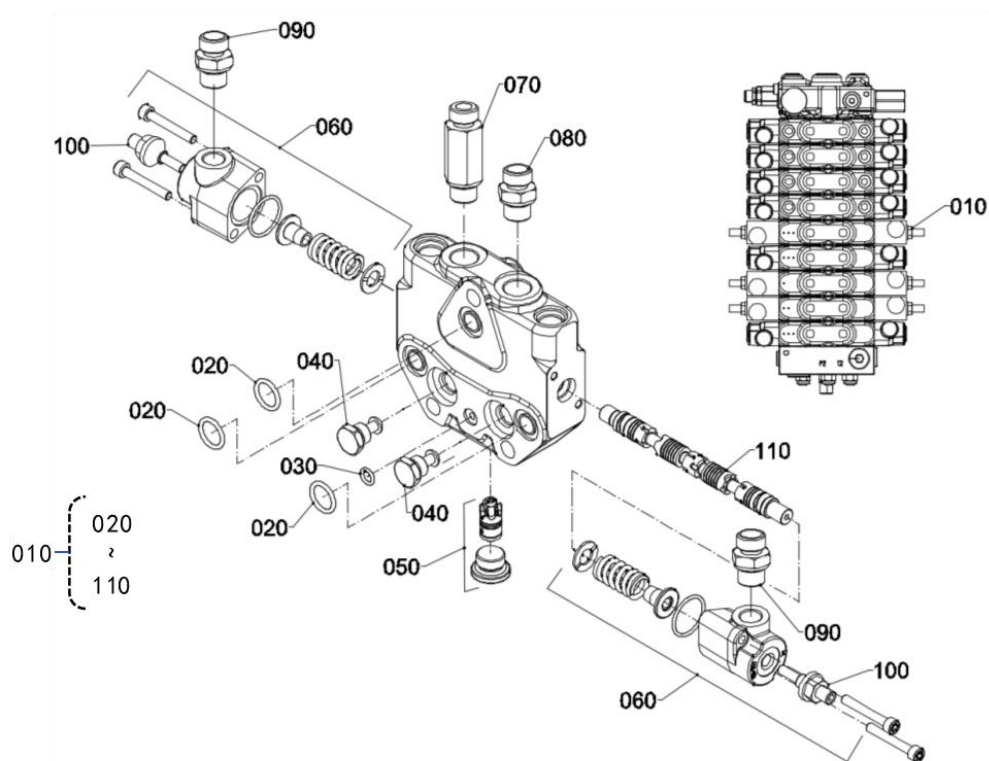
閥体部件(破碎)
SPOOL SECTION (CRUSHING)

[illegible]

↔ 可互换 ; ≠ 不可互换 ; ← 以新换旧 ; → 以旧换新

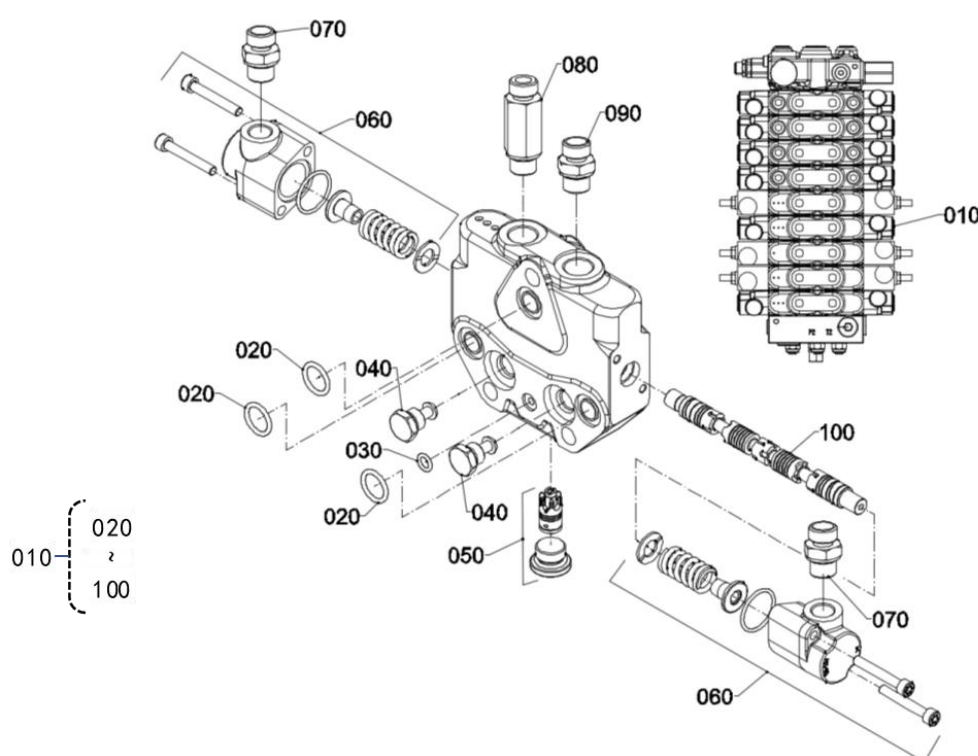
K006

SP00L SECTION (SWING)

[illegible]

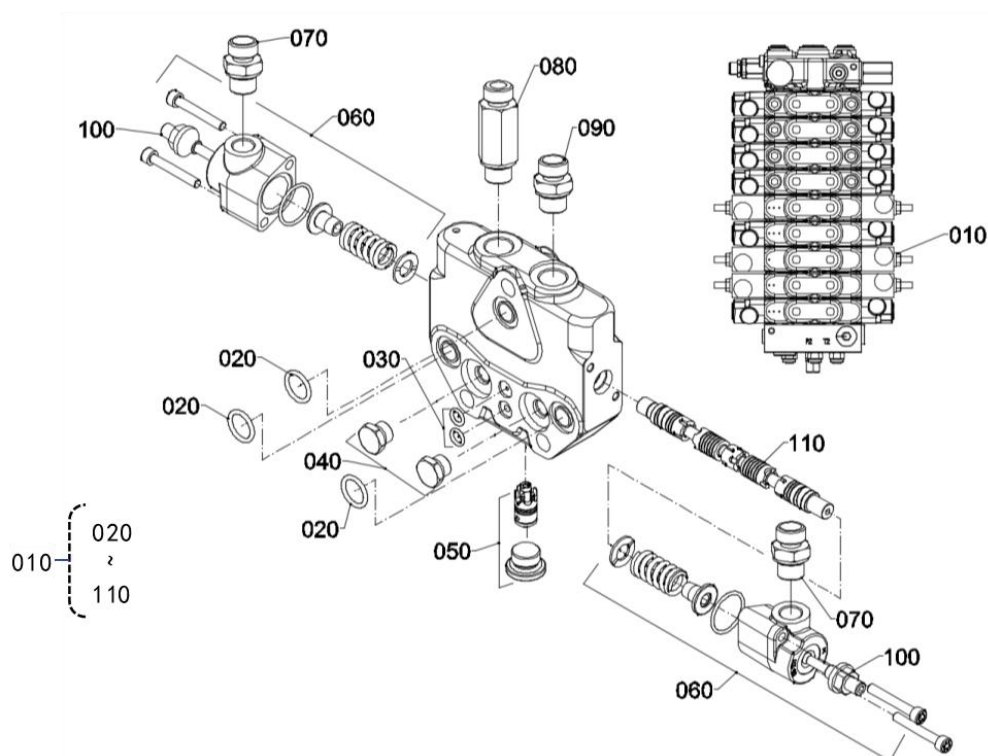
K007

阀体部件(偏摆)
SPOOL SECTION (YAW)

[illegible]

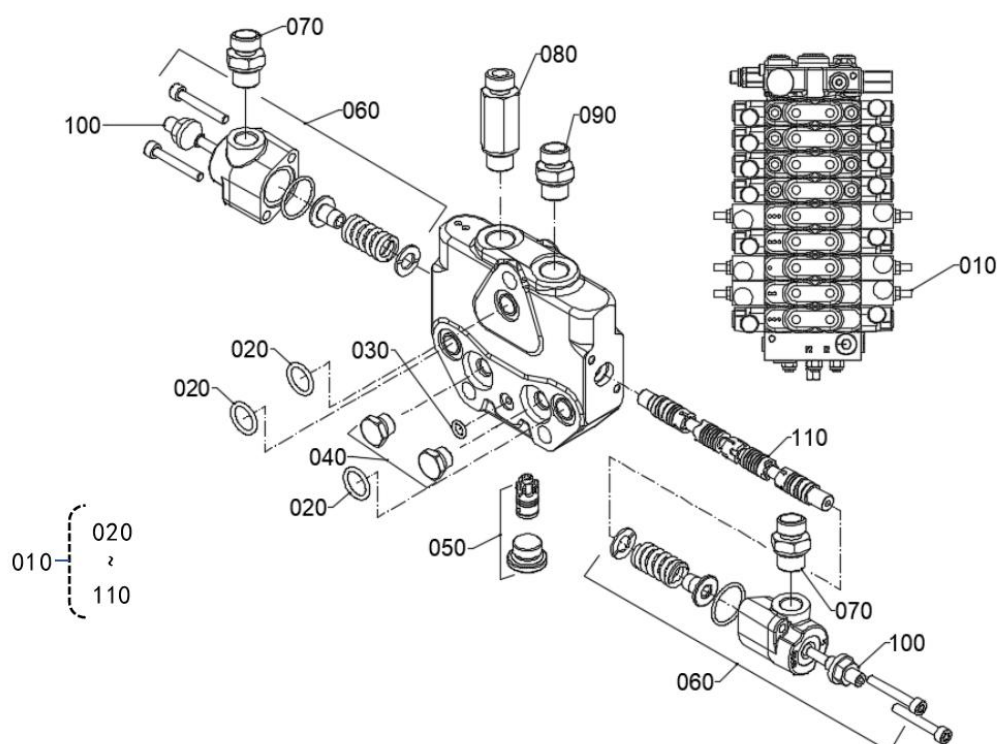
K008

阀体部件(左行走)
SPOOL SECTION (DRIVE LH)

[illegible]

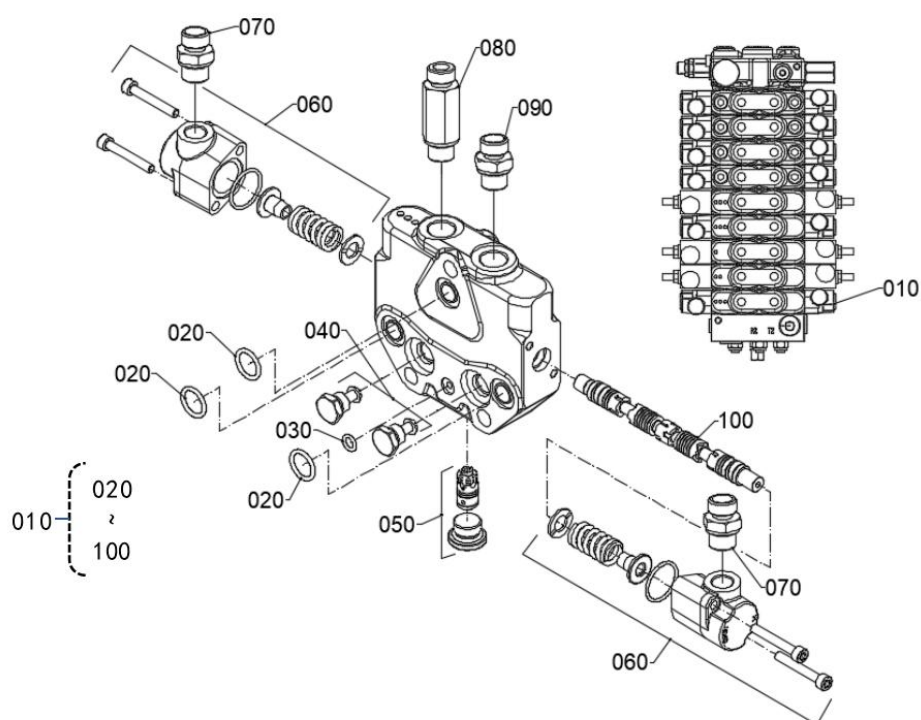
K009

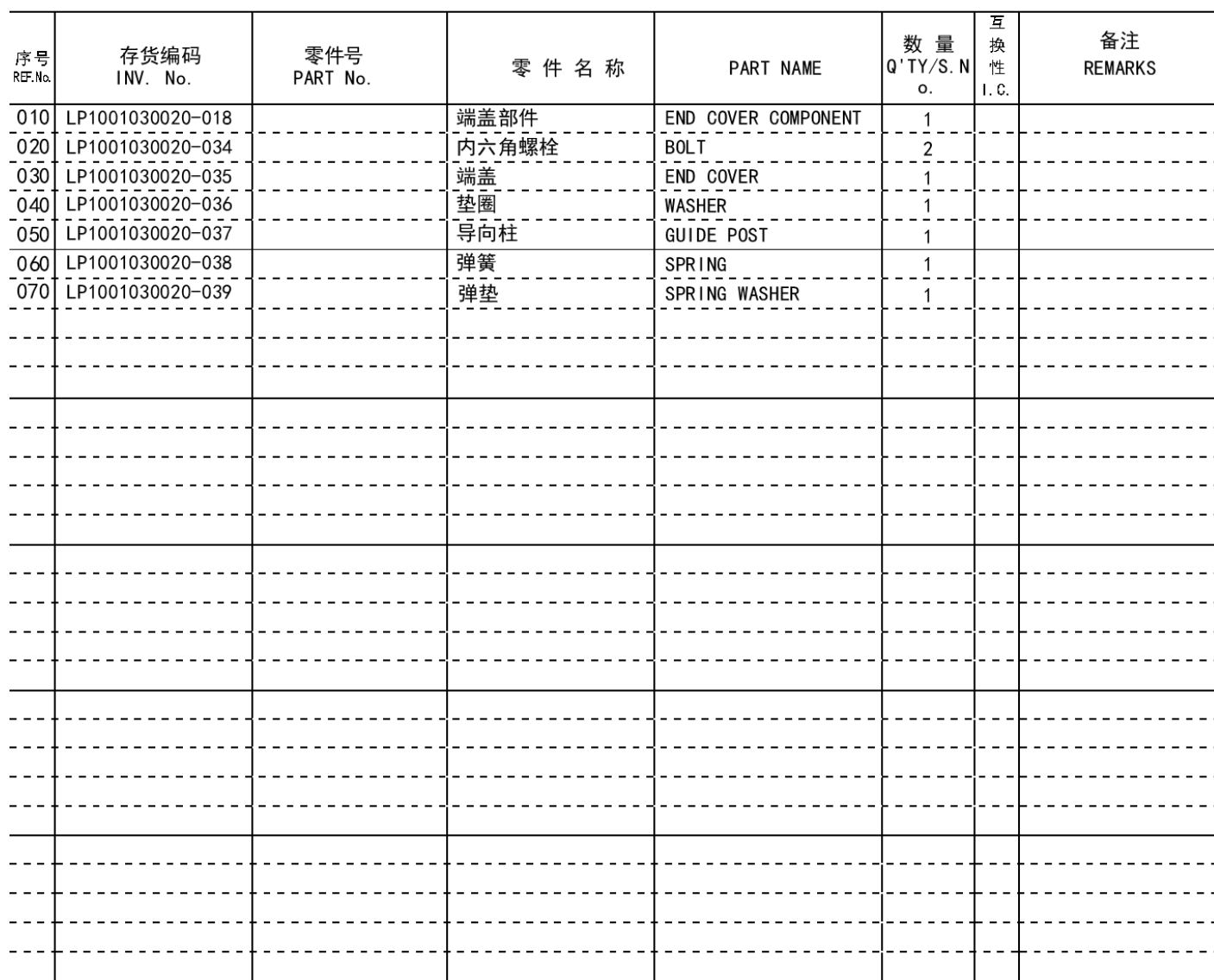
阀体部件(右行走)
SPOOL SECTION (DRIVE RH)

[illegible]

K010

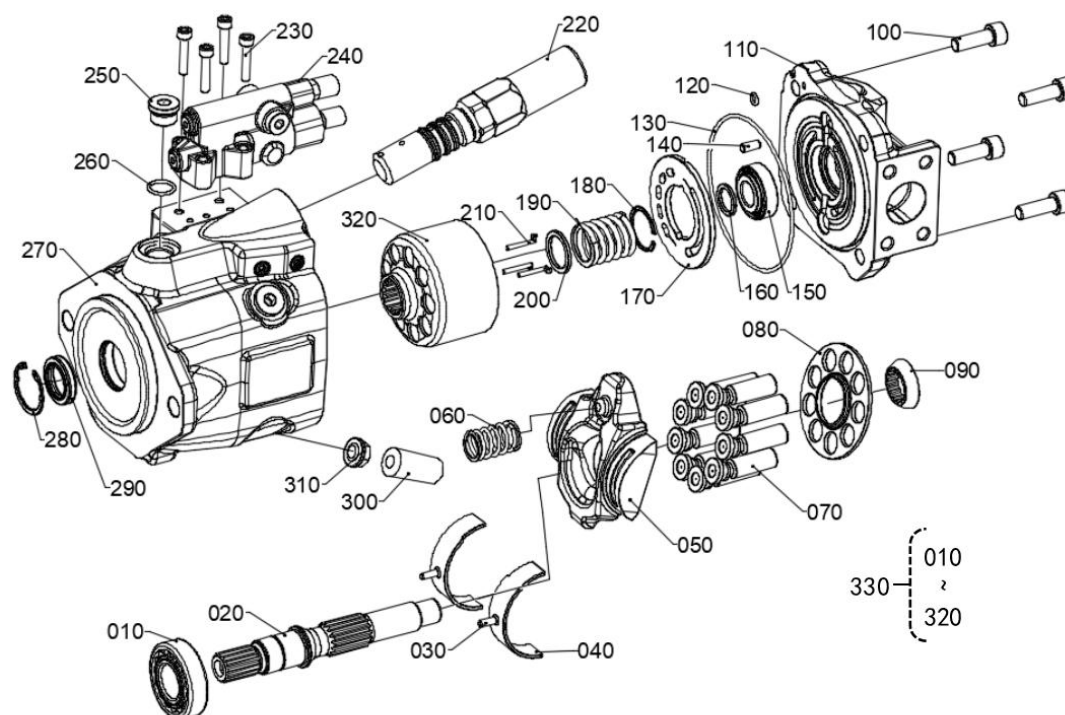
阀体部件(推土)
SPOOL SECTION (BLADE)

[illegible]





K013 柱塞泵和零件 PLUGER PUMP AND PARTS

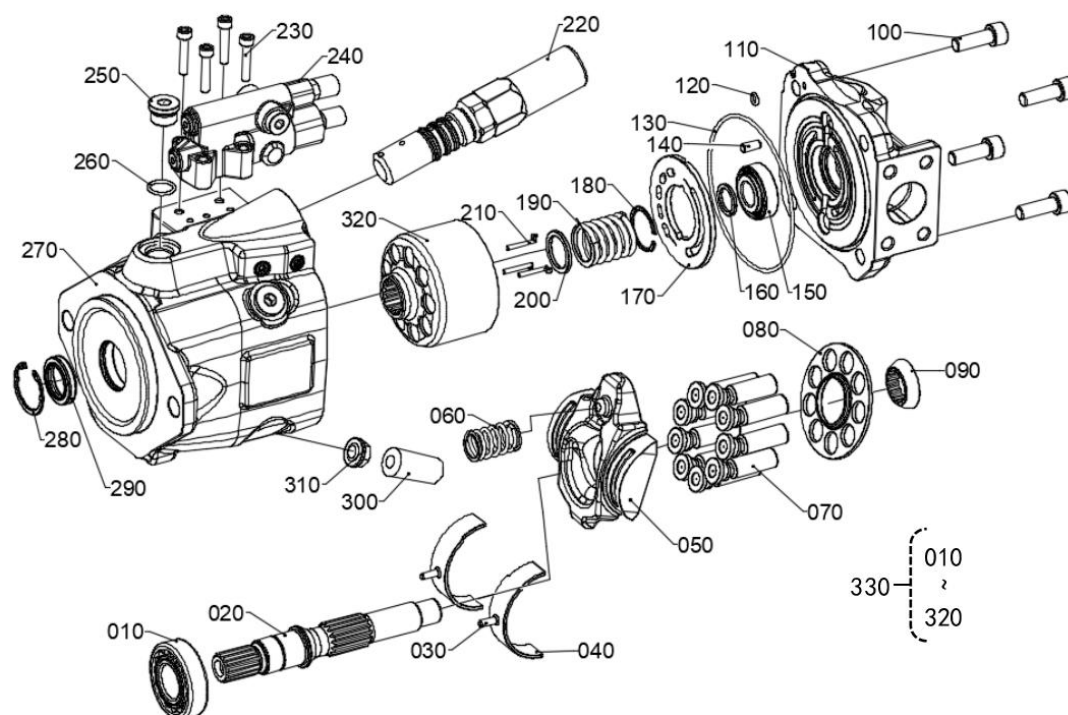


序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. G.	备注 REMARKS
010	LP1001020017-001	4T-1780	圆锥滚子轴承	TAPERED R BEARING	1		
020	LP1001020017-002		传动轴	TRANSMISSION SHAFT	1		
030	LP1001020017-003	M5*16	螺栓	BOLT	2		
040	LP1001020017-004		轴瓦	BEARING SHELL	2		
050	LP1001020017-005		斜盘组件	SWASH PLATE	1		
060	LP1001020017-006	2. 6*19. 9*45. 6*7	弹簧	SPRING ASSEMBLY	1		
070	LP1001020017-007		柱塞部件	PLUNGER COMPONENT	9		
080	LP1001020017-008		回程盘	RETURN DISC	1		
090	LP1001020017-009		球铰	BALL JOINT	1		
100	LP1001020017-010	M10*30	螺栓	BOLT	4		
110	LP1001020017-011		后盖	REAR COVER	1		
120	LP1001020017-012	5. 8*1. 9	O型圈	O-RING	1		
130	LP1001020017-013	112*2. 5	O型圈	O-RING	1		
140	LP1001020017-014	6*14	销	PIN	1		
150	LP1001020017-015	4T-LM11749	圆锥滚子轴承	TAPERED R BEARING	1		
160	LP1001020017-016	S28	调整垫片	ADJUSTING SHIM	1		
170	LP1001020017-017		配油盘	VALVE PLATE	1		
180	LP1001020017-018		V型孔用挡圈	V-TYPE HOLE CIRCLIP	1		
190	LP1001020017-019	3. 8*28. 2*59. 5*7	弹簧	SPRING	1		
200	LP1001020017-020	24*31. 4*2. 5	支承垫圈	SUPPORT WASHER	1		
210	LP1001020017-021		支承销	SUPPORT PIN	3		
220	LP1001020017-022		功率阀组件	POWER VALVE ASSEMBLY	1		
230	LP1001020017-023	M6*30	螺栓	BOLT	4		
240	LP1001020017-024		压力流量阀组件	PRESSURE FLOW VALVE	1		
250	LP1001020017-025	3/4-16UNF-2A	堵头	PLUG	2		
260	LP1001020017-026	16. 36*2. 21	O型圈	O-RING	2		
270	LP1001020017-027		壳体	HOUSING	1		
280	LP1001020017-028	DIN984-36*1. 5	孔用挡圈	HOLE RETAINING RING	1		
290	LP1001020017-029	25*35*6	油封	OIL SEAL	1		
300	LP1001020017-030	M10*1	调节螺栓	ADJUSTING BOLT	1		

↔ 可互换； ≠ 不可互换； ← 以新换旧； → 以旧换新

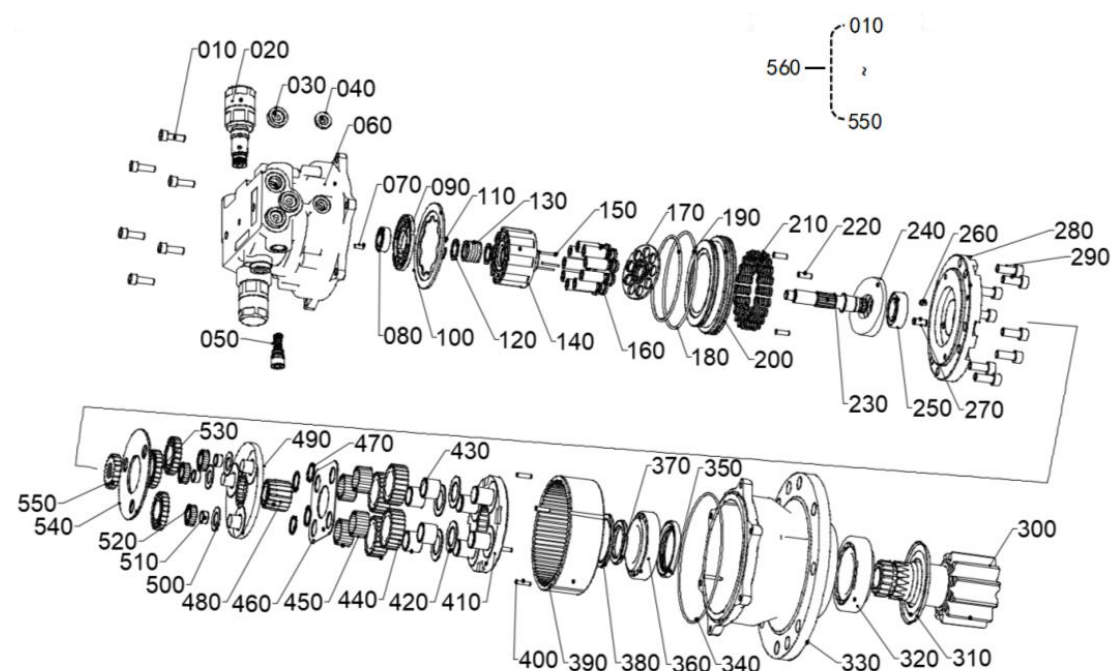
K013

柱塞泵和零件
PLUGER PUMP AND PARTS

[illegible]

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

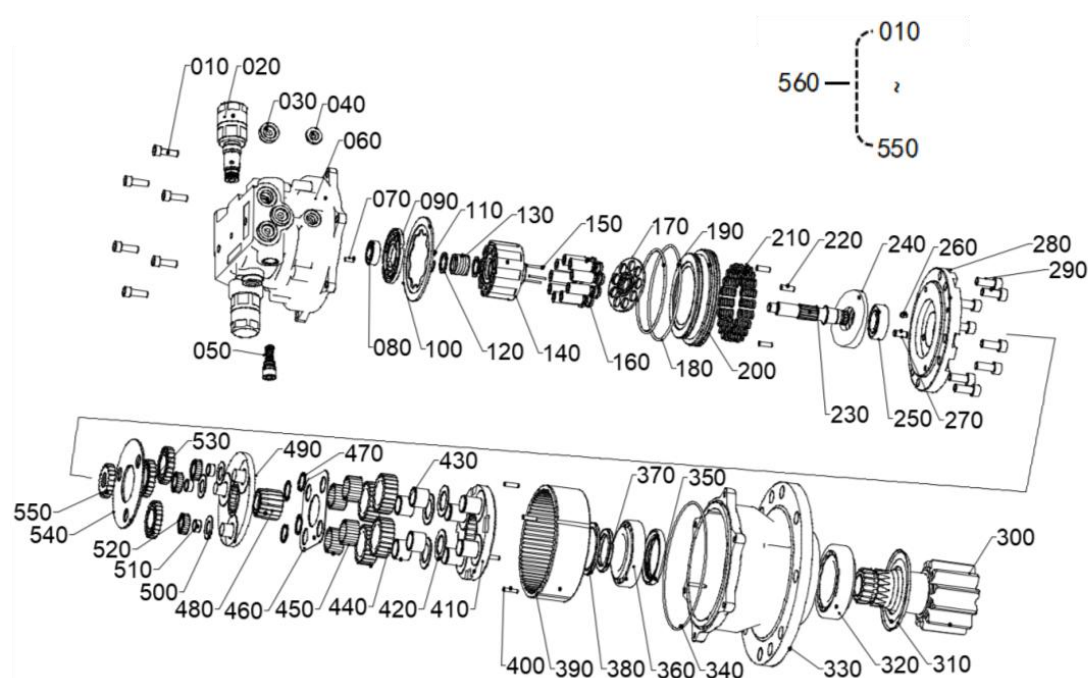
K014 回转马达 ROTARY MOTOR



序号 REF.No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S.N o.	互 换 性 I. C.	备注 REMARKS
010	LP0116011860	FCA08025-8	螺栓	BOLT	6		
020	LP1002030009-001	22024B-011100-1	溢流阀组合件	OVERFLOW VALVE	2		
030	LP1002030009-002	HKC083-3	内六角黄色螺纹堵	THREADED PLUG	4		
040	LP1002030009-003	HKC041-3	内六角黄色螺纹堵	THREADED PLUG	1		
050	LP1002030009-004	22034-011300	单向阀组合件	CHECK VALVE	1		
060	LP1002030009-005	22024-011001	阀体	VALVE BODY	1		
070	LP1002030009-006	FHB050012-1	圆柱销	CYLINDRICAL PIN	1		
080	LP1002030009-007	EA6201-3	深沟球轴承	BEARING	1		
090	LP1002030009-008	10104-010003	配油盘	OIL PAN	1		
100	LP1002030009-009	22024-010005	制动片-胶片	PRAKE PAD	1		
110	LP1002030009-010	FGB028-1	孔用弹性挡圈	RETAINING RING	1		
120	LP1002030009-011	10104-012005	垫圈	WASHER	2		
130	LP1002030009-012	10104-012003	弹簧	SPRIGN	1		
140	LP1002030009-013	22010-012001A	油缸	HYDRAULIC CYLINDER	1		
150	LP1002030009-014	10103-012007	顶针	THIMBLE	3		
160	LP1002030009-015	10103-012100	柱塞部件	PLUNGER	9		
170	LP1002030009-016	10104-012200A	卡盘组合件	CHUCK	1		
180	LP1002030009-017	HDA10940-2	O型密封圈	O-RING SDAL	1		
190	LP1002030009-018	HDA12440-1	O型密封圈	O-RING SDAL	1		
200	LP1002030009-019	22016-014001	制动环	BRAKE RING	1		
210	LP1002030009-020	22024-014101	制动弹簧	BRAKING SPRING	20		
220	LP1002030009-021	FHB060018-1	圆柱销	CYLINDRICAL PIN	3		
230	LP1002030009-022	22024-010002A	主轴	MAIN SHAFT	1		
240	LP1002030009-023	22024B-013001	斜盘	SWASH PLATE	1		
250	LP1002030009-024	EA6204-3	深沟球轴承	BEARING	1		
260	LP1002030009-025	22016-010010	碗状滤网	FILTER SCREEN	1		
270	LP1002030009-026	FHB080018-1	圆柱销	CYLINDRICAL PIN	1		
280	LP1002030009-027	22024-010009	斜盘座	SWASH PLATE SEAT	1		
290	LP1002030009-028	FCA10025-8	紧固螺钉	SCREW	8		
300	LP1002030009-029	22024B-023001	立轴	VERTICAL SHAFT	1		

↔ 可互换；↗ 不可互换；← 以新换旧；→ 以旧换新

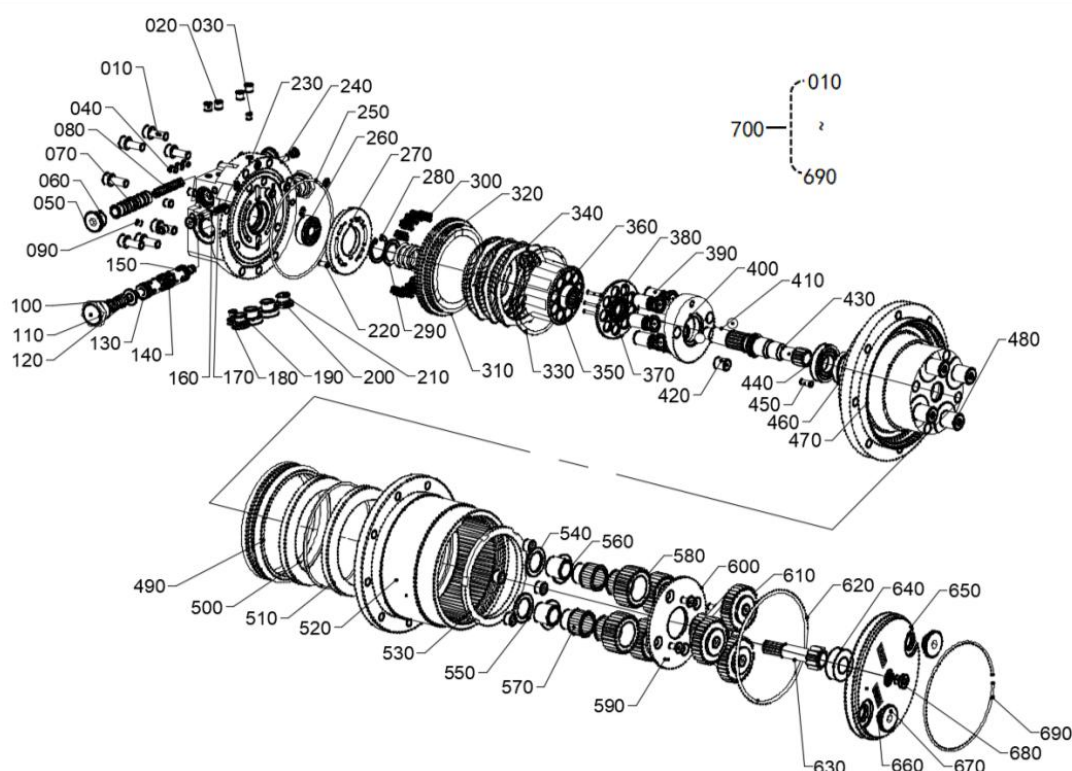
K014 回转马达 ROTARY MOTOR



序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. No.	互换性 I. C.	备注 REMARKS
310	LP1002030009-030	22024-023002	油封盘	OIL SEAL DISC	1		
320	LP1002030009-031	EI32211-1	圆锥滚子轴承	BEARING	1		
330	LP1002030009-032	22024-020001	回转架	SWING FRAME	1		
340	LP1002030009-033	HDA17000-5	O型密封圈	O-RING SEAL	1		
350	LP1002030009-034	HDE055-7	骨架油封	SKELETON OIL SEAL	1		
360	LP1002030009-035	EI30210-1	圆锥滚子轴承	BEARING	1		
370	LP1002030009-036	22024-023003	调整垫片	ADJUSTING GASKET	2		
380	LP1002030009-037	22024-023004	限位环	LIMITING RING	1		
390	LP1002030009-038	22024-020002	齿圈	RING GEAR	1		
400	LP1002030009-039	FHB050020-1	圆柱销	CYLINDRICAL PIN	4		
410	LP1002030009-040	22024-022003	四星架	FOUR-STAR CARRIER	1		
420	LP1002030009-041	22024-022004	二级下垫片	GASKET Two	4		
430	LP1002030009-042	22024-022006	二级轴承套	BEARING SLEEVE Two	4		
440	LP1002030009-043	22024-022002	二级行星轮	PLANETARY GEAR Two	4		
450	LP1002030009-044	EZ408-1	平头液针	LIQUID NEEDLE	92		
460	LP1002030009-045	22024-022005	二级压片	TABLET Two	1		
470	LP1002030009-046	FGA022-2	轴用弹性挡圈	RETAINING RING	4		
480	LP1002030009-047	22024-022001	二级太阳轮	SOLAR WHEEL Two	1		
490	LP1002030009-048	22024-021003	三星架	TRIPOD	1		
500	LP1002030009-049	22024-021004	一级下垫片	GASKET ONE	3		
510	LP1002030009-050	22024-021006	一级轴承套	BEARING SLEEVE ONE	3		
520	LP1002030009-051	EZ314-1	平头液针	LIQUID NEEDLE	72		
530	LP1002030009-052	22024-021002	一级行星轮	PLANETARY GEAR ONE	3		
540	LP1002030009-053	22024-021005	一级压片	TABLET ONE	1		
550	LP1002030009-054	22024-021001	一级太阳轮	SOLAR WHEEL ONE	1		
560	LP0102030009		回转马达	SWING MOTOR	1		

↔ 可互换； ≠ 不可互换； ← 以新换旧； → 以旧换新

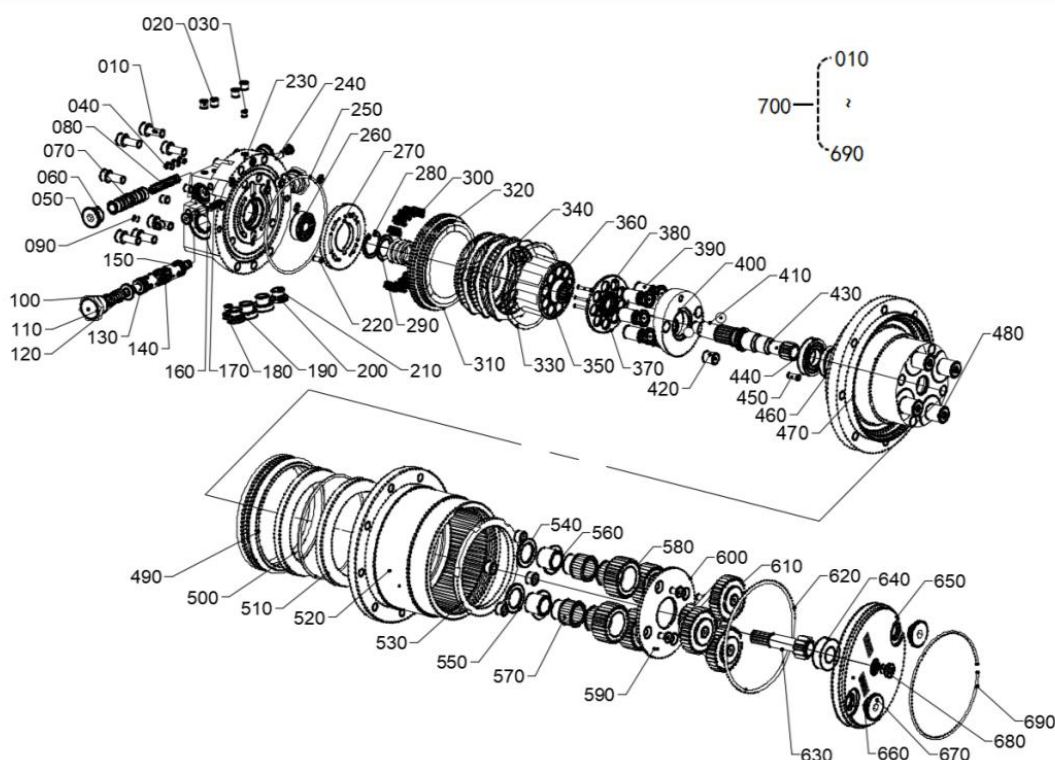
K015 行走马达
TRAVELING MOTOR



序号 REF.No.	存货编码 INV. No.	零件号 PART No.	零 件 名 称	PART NAME	数 量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP1002020018-001	PCB0820-2	螺钉	SCREW	7		
020	LP1002020018-002	FKB161-3	螺塞	PLUG	9		
030	LP1002020018-003	10102-011003	节流油嘴	THROTTLING NOZZLE	2		
040	LP1002020018-004	10102-011004	双头螺堵	DOUBLE-ENDED	1.5		
050	LP1002020018-005	10104-011066	螺堵	PLUG	2		
060	LP1002020018-006	HDA01380-1	O型密封圈	O-RING	4		
070	LP1002020018-007	10102-011002	液压阀芯	HYDRAULIC VALVE CORE	1		
080	LP1002020018-008	10104-011004	弹簧	SPRING	1		
090	LP1002020018-009	FKG0604	节流油咀	THROTTLING NOZZLE	2		
100	LP1002020018-010	101002-011201	换向阀座	Valve seat	2		
110	LP1002020018-011	HDA01712-1	O型密封圈	O-RING	1		
120	LP1002020018-012	10102-011202	弹簧	SPRING	2		
130	LP1002020018-013	10102-011105	垫圈	WASHE	2		
140	LP1002020018-014	10102-011003	梭阀组合件	SHUTTLE VALVE	1		
150	LP1002020018-015	FKE165-1	外螺纹内六角螺堵	PLUG	2		
160	LP1002020018-016	10102-011005	限位销	LIMIT PIN	2		
170	LP1002020018-017	10104-011003	变量液控阀	HYDRAULIC VALVE	1		
180	LP1002020018-018	HKC081-2	内六角头螺纹堵	PLUG	1		
190	LP1002020018-019	HKC083-3	内六角头螺纹堵	PLUG	2		
200	LP1002020018-020	10112-011003	螺堵	PLUG	2		
210	LP1002020018-021	HDA01080-2	O型密封圈	O-RING	2		
220	LP1002020018-022	FHB050012-1	圆柱销	CYLINDRICAL PIN	1		
230	LP1002020018-023	101020-011001	阀体	VALVE BODY	1		
240	LP1002020018-024	FKB081-1	螺塞	PLUG	2		
250	LP1002020018-025	HDA10600-1	O型密封圈	O-RING	1		
260	LP1002020018-026	HDA00530-1	O型密封圈	O-RING	2		
270	LP1002020018-027	BA6201-1	深沟球轴承	BEARING	1		
280	LP1002020018-028	10104-010003	配油盘	OIL PAN	1		
290	LP1002020018-029	FGB028-1	孔用弹性挡圈	RETAINING RING	1		
300	LP1002020018-030	10104-012005	垫圈	WASHE	2		

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

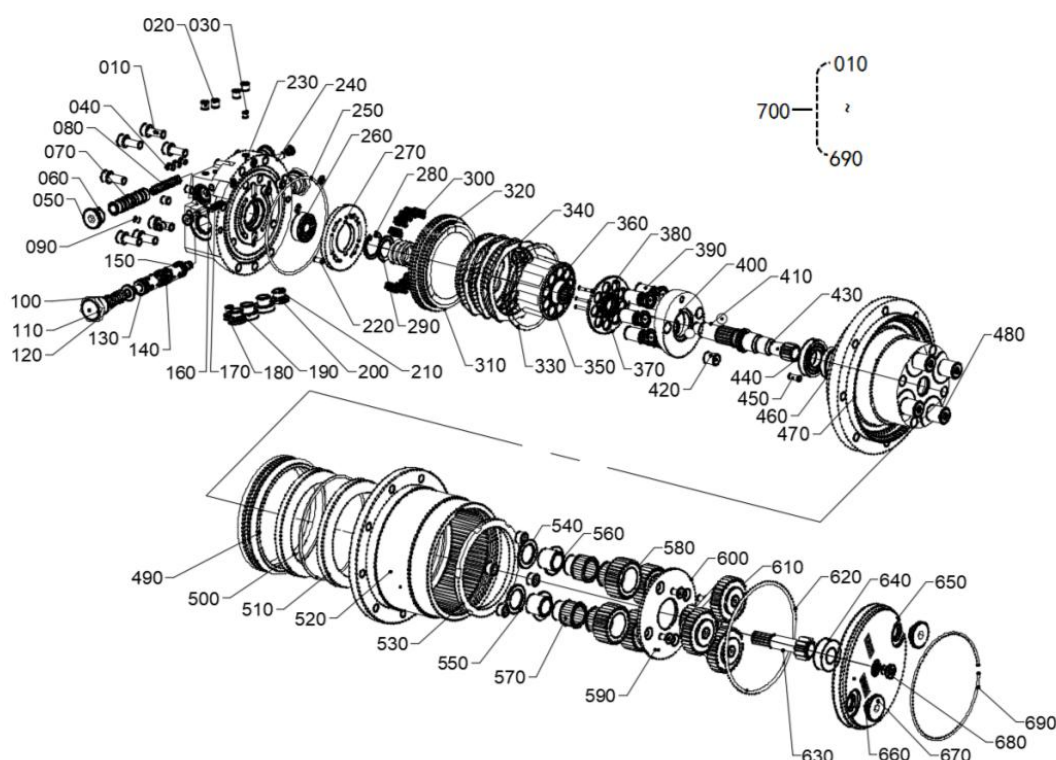
K015 行走马达 TRAVELING MOTOR



序号 REF.No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
310	LP1002020018-031	10103B-010004	弹簧	SPRING	10		
320	LP1002020018-032	10104-012003	弹簧	SPRING	1		
330	LP1002020018-033	10103B-014000	制动环组件	BRAKE RING	1		
340	LP1002020018-034	10102F-010005	制动片 (胶片)	BRAKE PAD	3		
350	LP1002020018-035	10103B-010006	制动片 (钢片)	BRAKE PAD	3		
360	LP1002020018-036	10103CD-010007	隔圈	CIRCLE	1		
370	LP1002020018-037	10104-012001	油缸	HYDRAULIC CYLINDER	1		
380	LP1002020018-038	10108-012007	顶针	THIMBLE	3		
390	LP1002020018-039	10104-012200	卡盘组合件	CHUCK	1		
400	LP1002020018-040	10103-012100	柱塞部件	PLUNGER COMPONTONG	9		
410	LP1002020018-041	10103-013001	斜盘	INCLINED DISK	1		
420	LP1002020018-042	EU0805-1	钢球	STEEL BALL	2		
430	LP1002020018-043	10103-015001	变量活塞	VARIABLE PISTON	1		
440	LP1002020018-044	10103-010002	主轴	SPINDLE	1		
450	LP1002020018-045	BA6004-1	深沟球轴承	BEARING	1		
460	LP1002020018-046	FHB060014-1	圆柱销	CYLINDRICAL PIN	2		
470	LP1002020018-047	HDE020-1	骨架油封	OIL SEAL	1		
480	LP1002020018-048	10103CC-010001	壳体	SHELL	1		
490	LP1002020018-049	10103-020004	浮动油封1240	OIL SEAL 1240	1		
500	LP1002020018-050	EF110-1	角接触轴承	OIL BEARING	2		
510	LP1002020018-051	FCB140-1	孔用弹性挡圈	RETAINING RING	1		
520	LP1002020018-052	10103CD-020001	齿圈	SPROCKET	1		
530	LP1002020018-053	10103-020006	螺母	NUT	1		
540	LP1002020018-054	PKB041-1	螺塞	PLUG	4		
550	LP1002020018-055	10103-022003	垫片	GASKET	4		
560	LP1002020018-056	10103-022004	二级轴承套	BEARING SLEEVE	4		
570	LP1002020018-057	EP283520-1	滚针轴承	BEARING	4		
580	LP1002020018-058	10103022002	四星齿轮	GEAR	4		
590	LP1002020018-059	10103-022005	四星压片	TABLET	1		
600	LP1002020018-060	FCB0612-1	内六角沉头螺钉	SCREW	4		

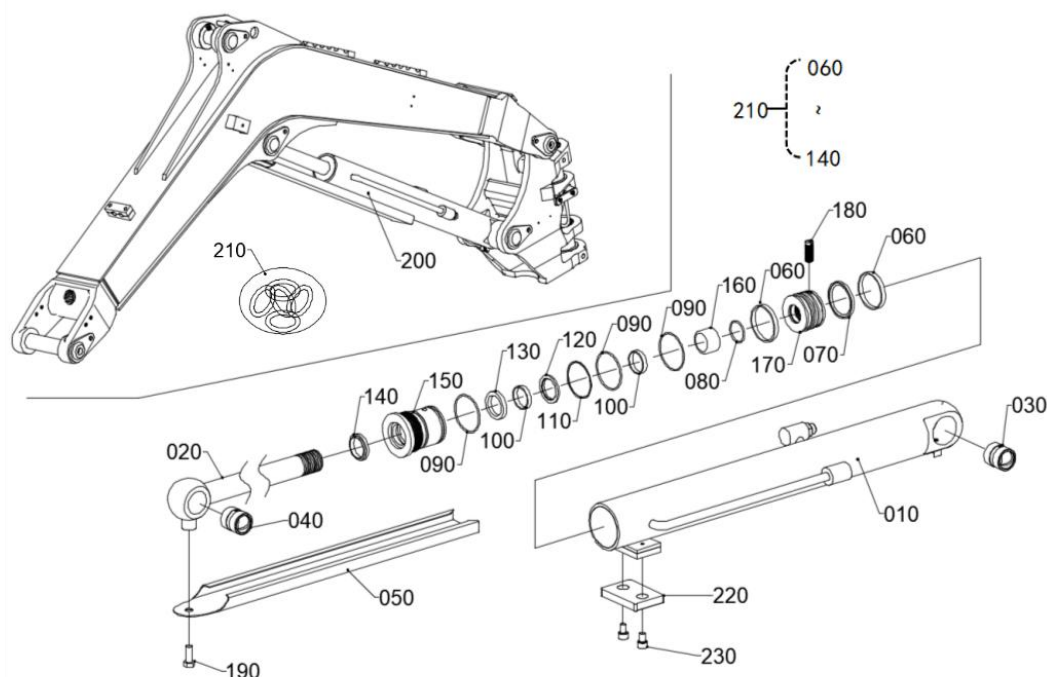
↔ 可互换 : / 不可互换 : ← 以新换旧 : → 以旧换新

K015 行走马达
TRAVELING MOTOR

[illegible]

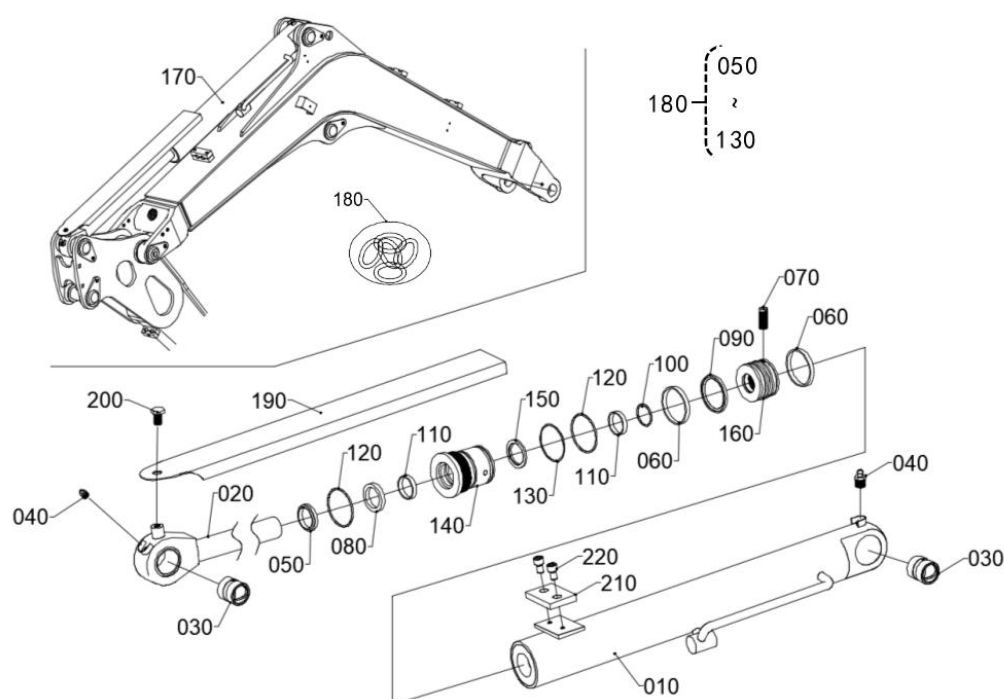
L001

油缸 (动臂)
BOOM CYLINDER

[illegible]

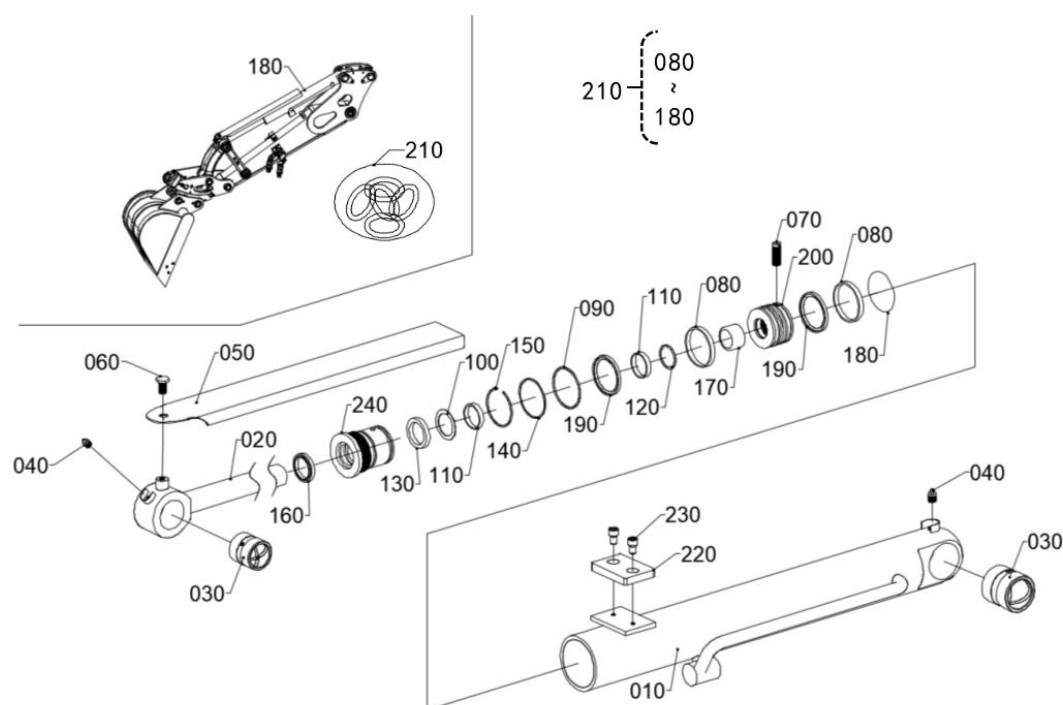
L002

油缸 (斗杆)
ARM CYLINDER

[illegible]

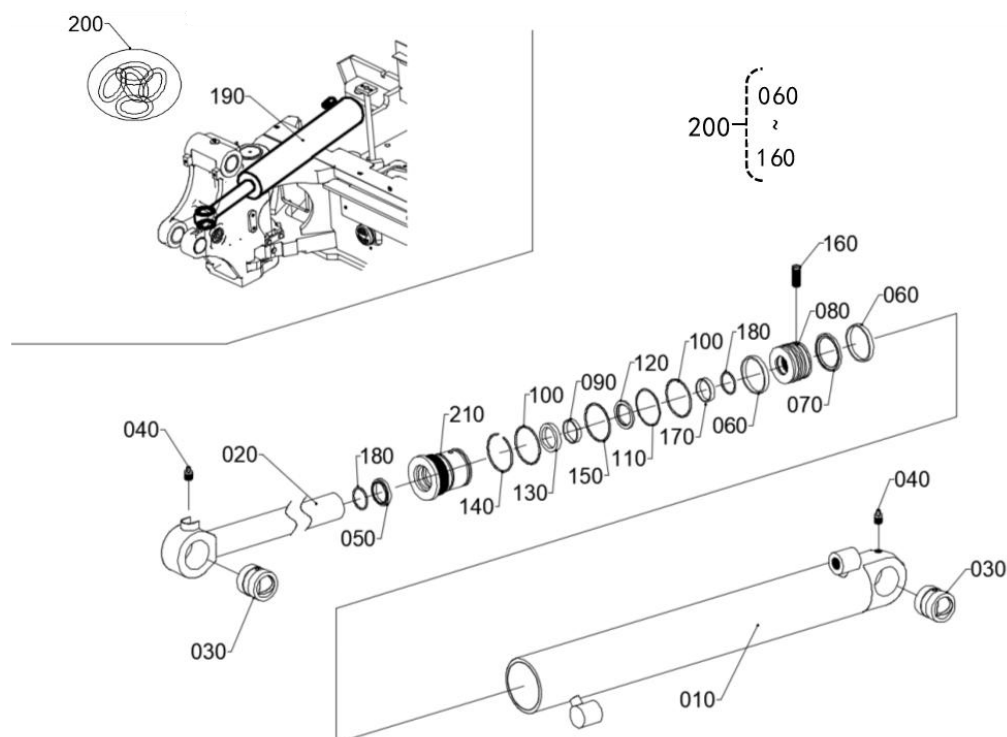
L003

油缸 (挖斗)
BUCKET CYLINDER

[illegible]

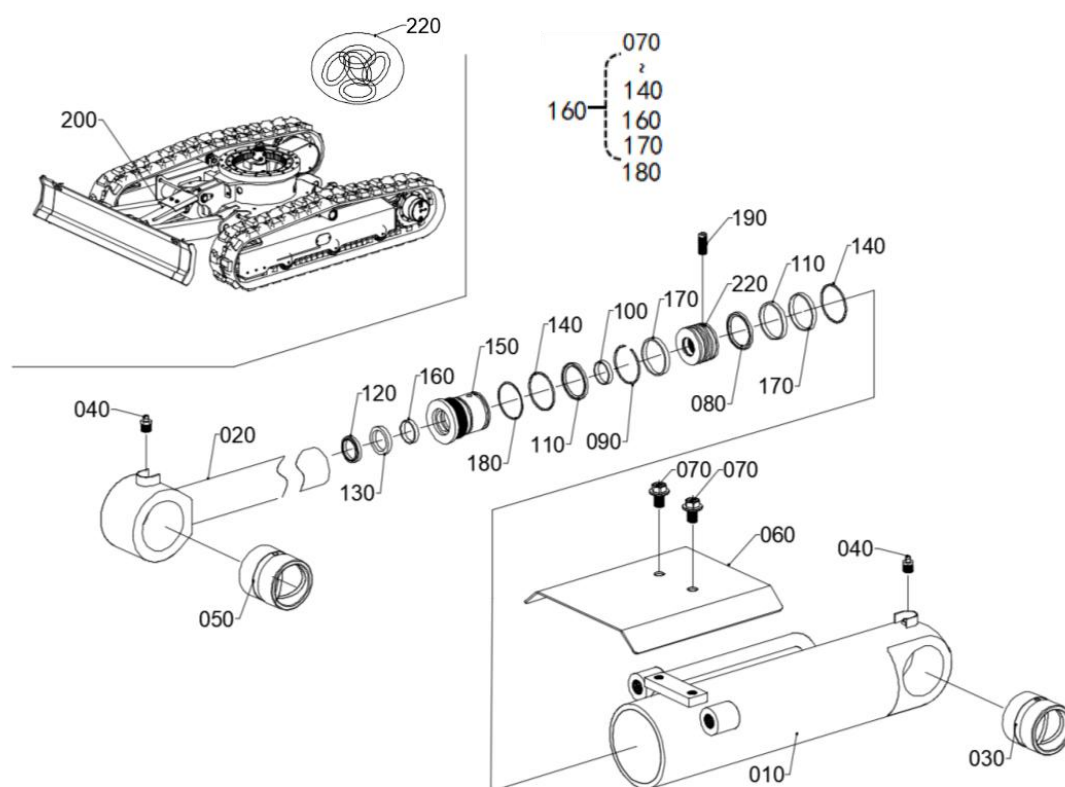
L004

油缸（动臂侧摆）
BOOM SWING CYLINDER

[illegible]

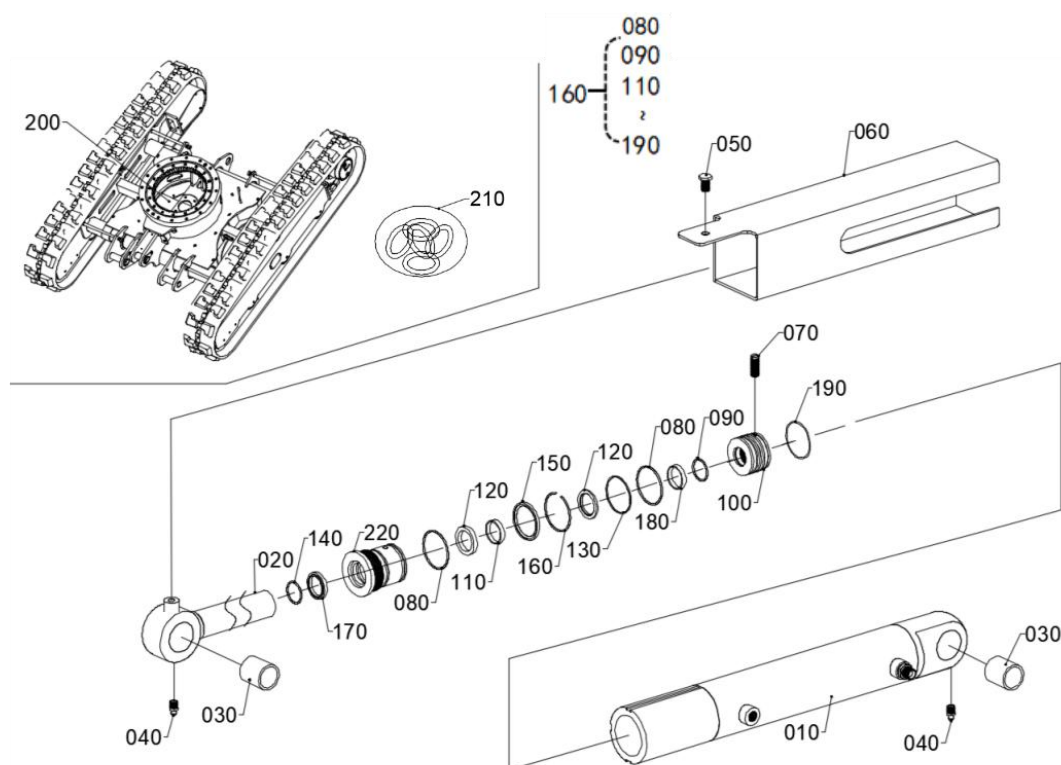
L005

油缸（推土铲）
DOZER BLADE CYLINDER

[illegible]

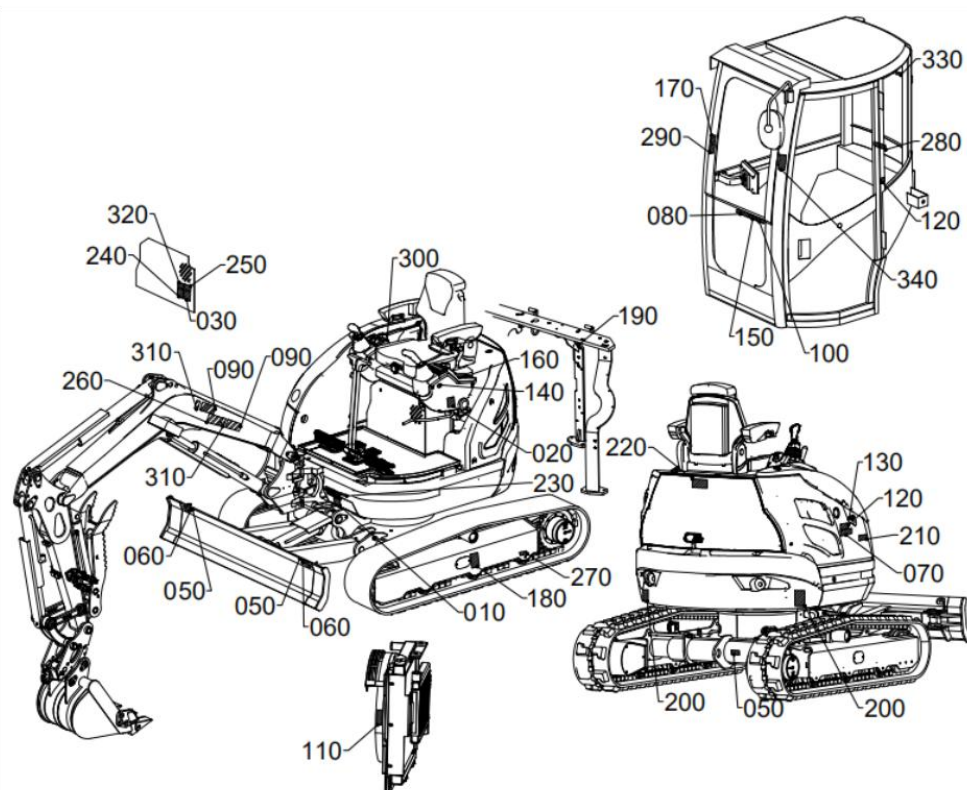
L006

油缸 (伸缩)
DOZER BLADE CYLINDER

[illegible]

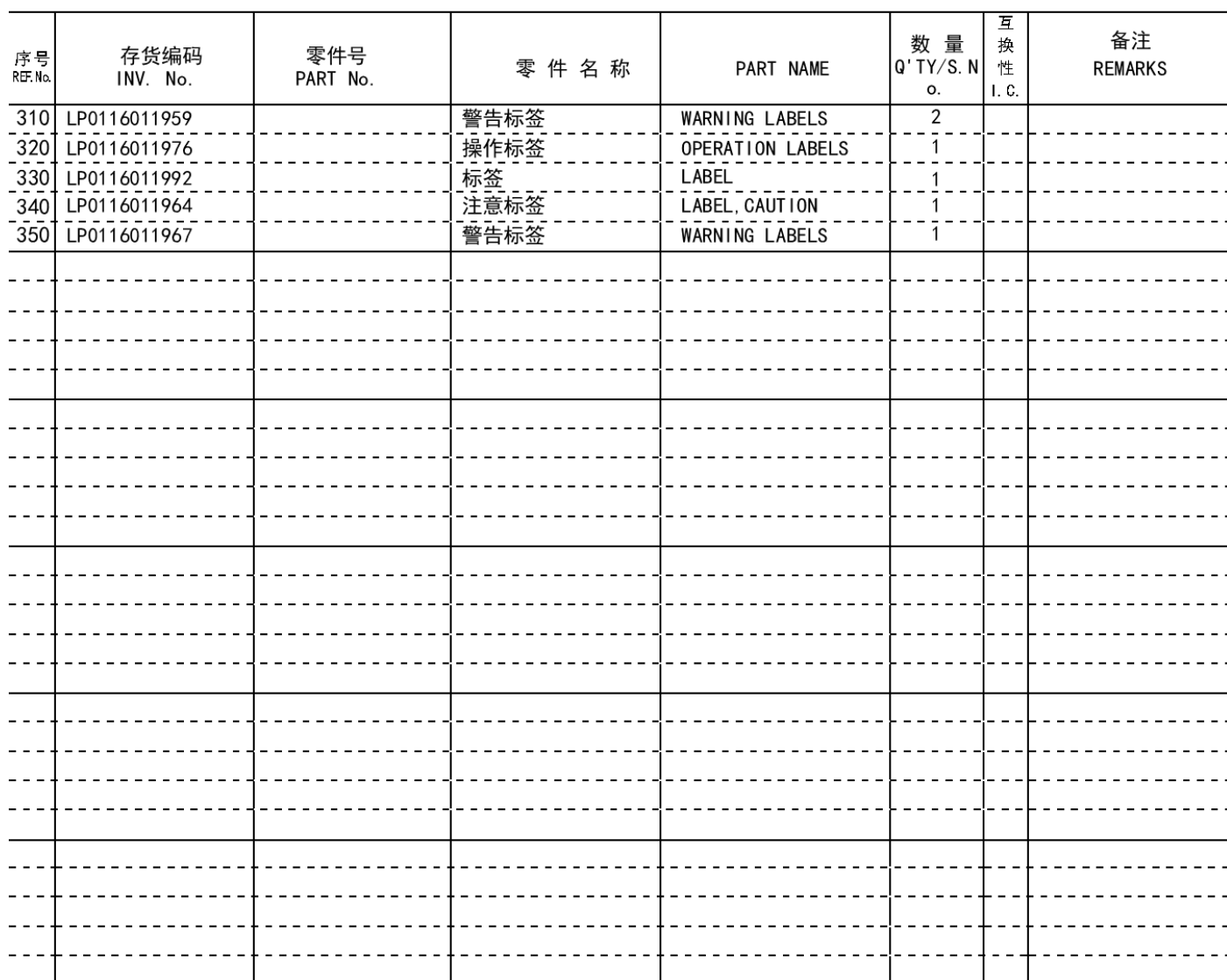
$\leftrightarrow$ 可互换; $\neq$ 不可互换; $\leftarrow$ 以新换旧; $\rightarrow$ 以旧换新

M001

标签
LABEL

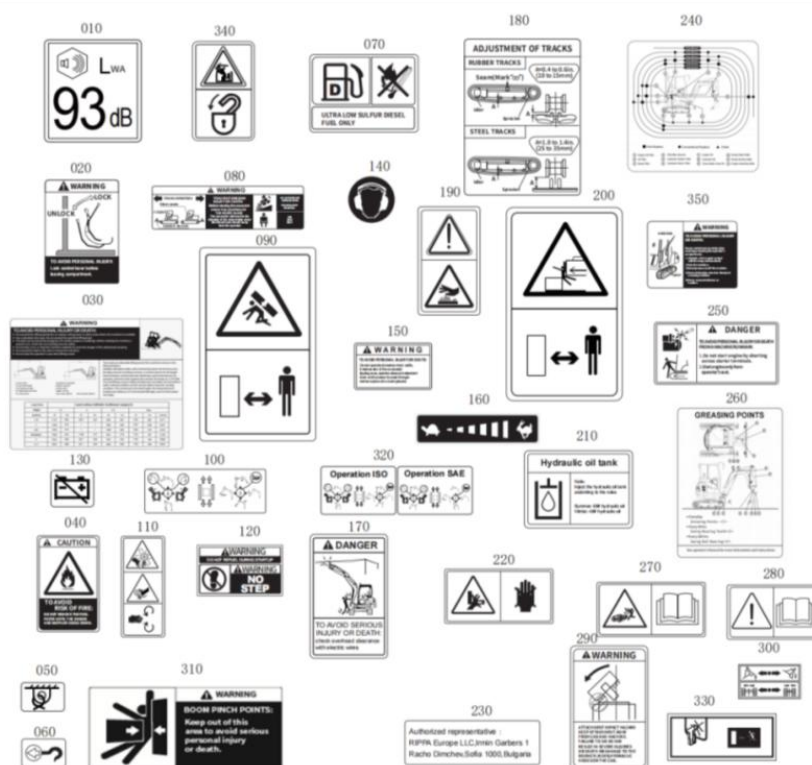
序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP0116011957		标签	LABEL	1		
020	LP0116011958		安全锁标签	SAFETY LOCK LABELS	1		
030	LP0116011993		计算标签	LABEL	1		
040	LP0116011987		注意标签	LABEL, CAUTION	1		
050	LP0116011962		标签	LABEL	3		
060	LP0116011963		标签	LABEL	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	LP0116011994		标签	LABEL	1		
170	LP0116011975		“小心触电”标签	LABEL	1		
180	LP0116011977		标签	LABEL	1		
190	LP0116011975		标签	LABEL	1		
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	LP0116011983		标签	LABEL	1		
240	LP0116011995		标签	LABEL	1		
250	LP0116011980		注意标签	LABEL, CAUTION	1		
260	LP0116011996		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	LP0116011997		操作标签	OPERATION LABELS	1		

↔ 可互换；↗ 不可互换；↖ 以新换旧；↘ 以旧换新



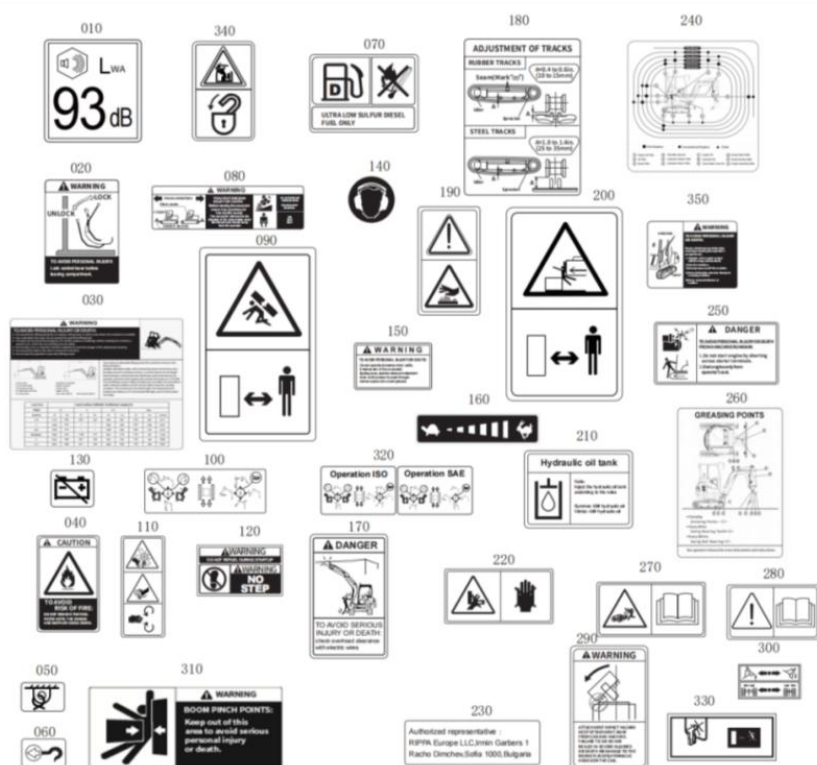
117

M002

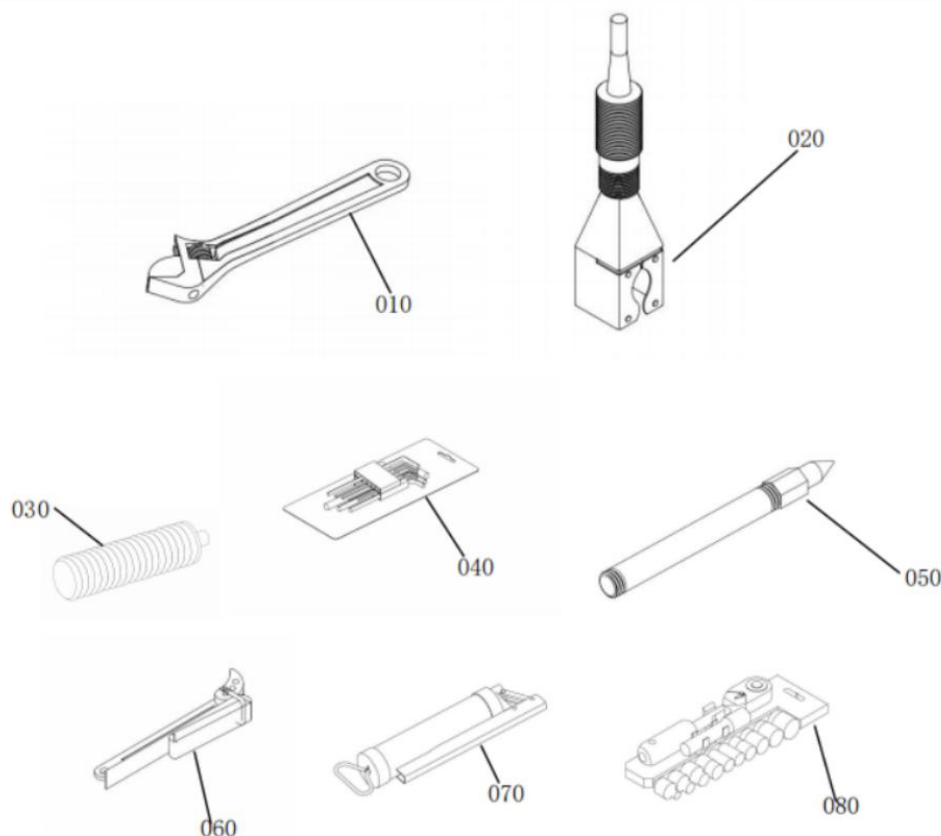
标签
LABEL

序号 REF. No.	存货编码 INV. No.	零件号 PART No.	零件名称	PART NAME	数量 Q'TY/S. N o.	互 换 性 I. C.	备注 REMARKS
010	LP0116011957		标签	LABEL	1		
020	LP0116011958		安全锁标签	SAFETY LOCK LABELS	1		
030	LP0116011993		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	LP0116011994		标签	LABEL	1		
170	LP0116011975		“小心触电”标签	LABEL	1		
180	LP0116011977		标签	LABEL	1		
190	LP0116011975		标签	LABEL	1		
200	LP0116011979		注意标签	LABEL, CAUTION	1		
210	LP0116011974		标签	LABEL	1		
220	LP0116011981		注意标签	LABEL, CAUTION	1		
230	LP0116011983		标签	LABEL	1		
240	LP0116011995		标签	LABEL	1		
250	LP0116011980		注意标签	LABEL, CAUTION	1		
260	LP0116011996		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	LP0116011997		操作标签	OPERATION LABELS	1		

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

