

SHANDONG RIPPA MACHINERY GROUP CO., LTD.

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# PARTS MANUAL

## R15 ECO 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R15-5 Eco车型。
4. 本零件表如有变更，恕不另行通知。

## **NOTICE**

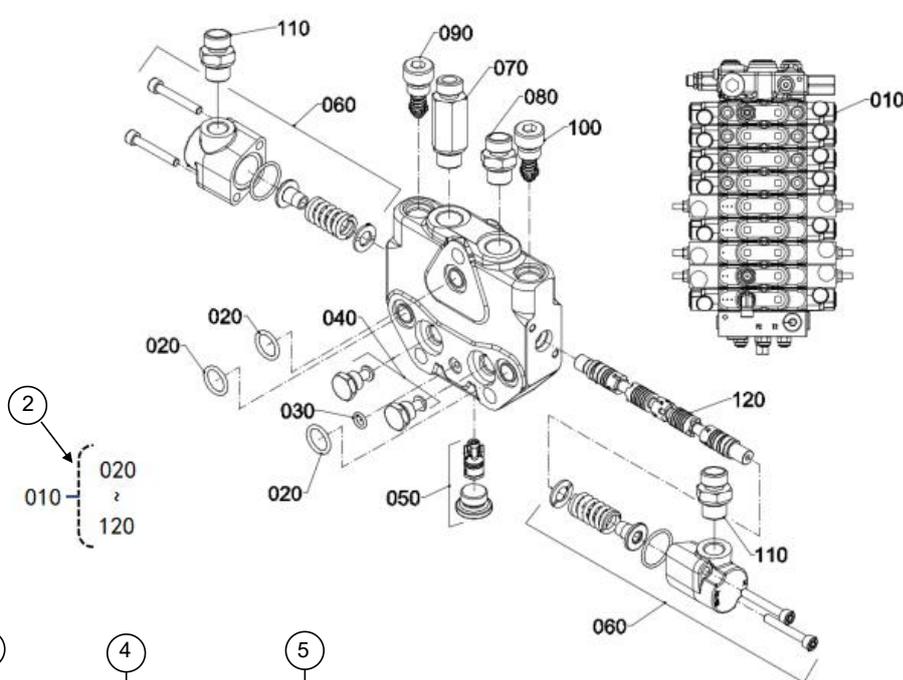
This Parts List is for the following purposes.

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 R15-5 Eco 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  
↓

④  
↓

⑤  
↓

⑥  
↓

⑦  
↓

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	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		

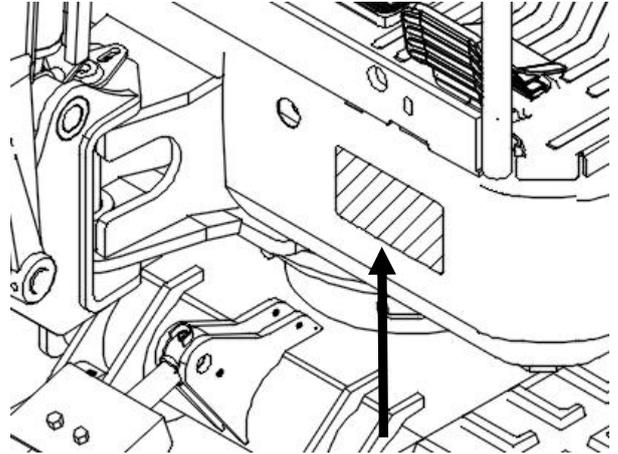
- ① 图号-----代表与每一组名称相对应的数字。
- ② 组件-----供一个装配用的组件可以通过一组虚线识别。
- ③ 序号 (REF. No. ) -----参考数字是指在图解说明中特定的零部件由特定的数字代表。在图解中一个零部件的代号可以通过参考零部件目录上的同的参考数字而识别出来。
- ④ 存货编码-----每个零部件独一无二的识别代码，用于代表该部件。
- ⑤ 零件号-----零部件的规格型号或者该零部件的零件号。
- ⑥ 互换性-----表示由于设计上的变化部件的可互换型。
- 例 ≠ -----表示新老零部件之间不可以替换。
- 例 ← -----表示一个新部件可以替换一个老部件，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 ≠ -----Indicates that the new and old components cannot be replaced with each other.  
 Example ← -----Indicates that a new component can replace an old component, but not vice versa.  
 Example → -----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。

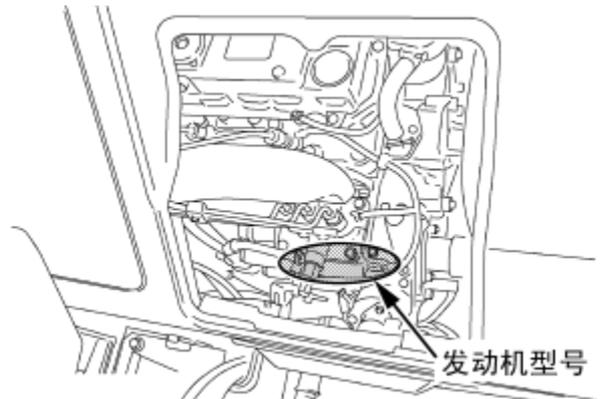
	型号	序列号
挖掘机	_____	_____
发动机	_____	_____
购买日期	_____	
经销商名称 (由购买者填写)	_____	



**CE** SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

Product Name	Hydraulic Excavator	Model	R15
Engine power(kw)	10.2	Operating Mass(kg)	1445
Serial Number	>LPR25060901<	Year	2025/6

No. 39, Guang 'an Road, liuhang Sub-district, TEL:+86-0537 2339712  
High-tech Zone, Jining City, 272000 Shandong, P.R. China Web:www.rippa.com

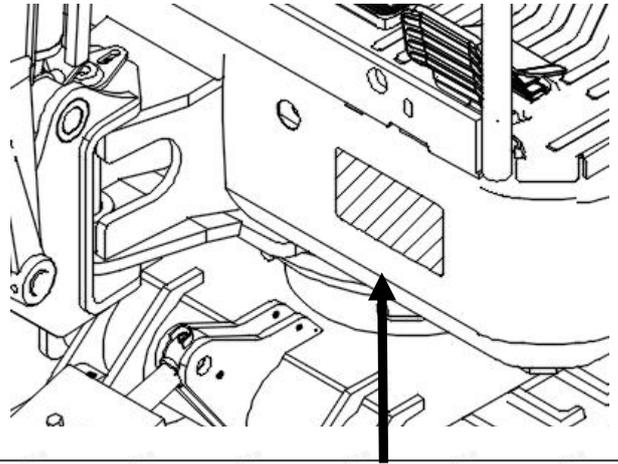


# SERIAL NUMBER

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	_____	_____

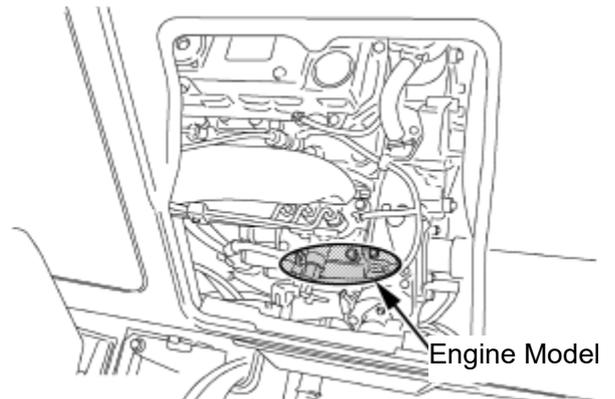
(To be filled in by purchaser)



SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

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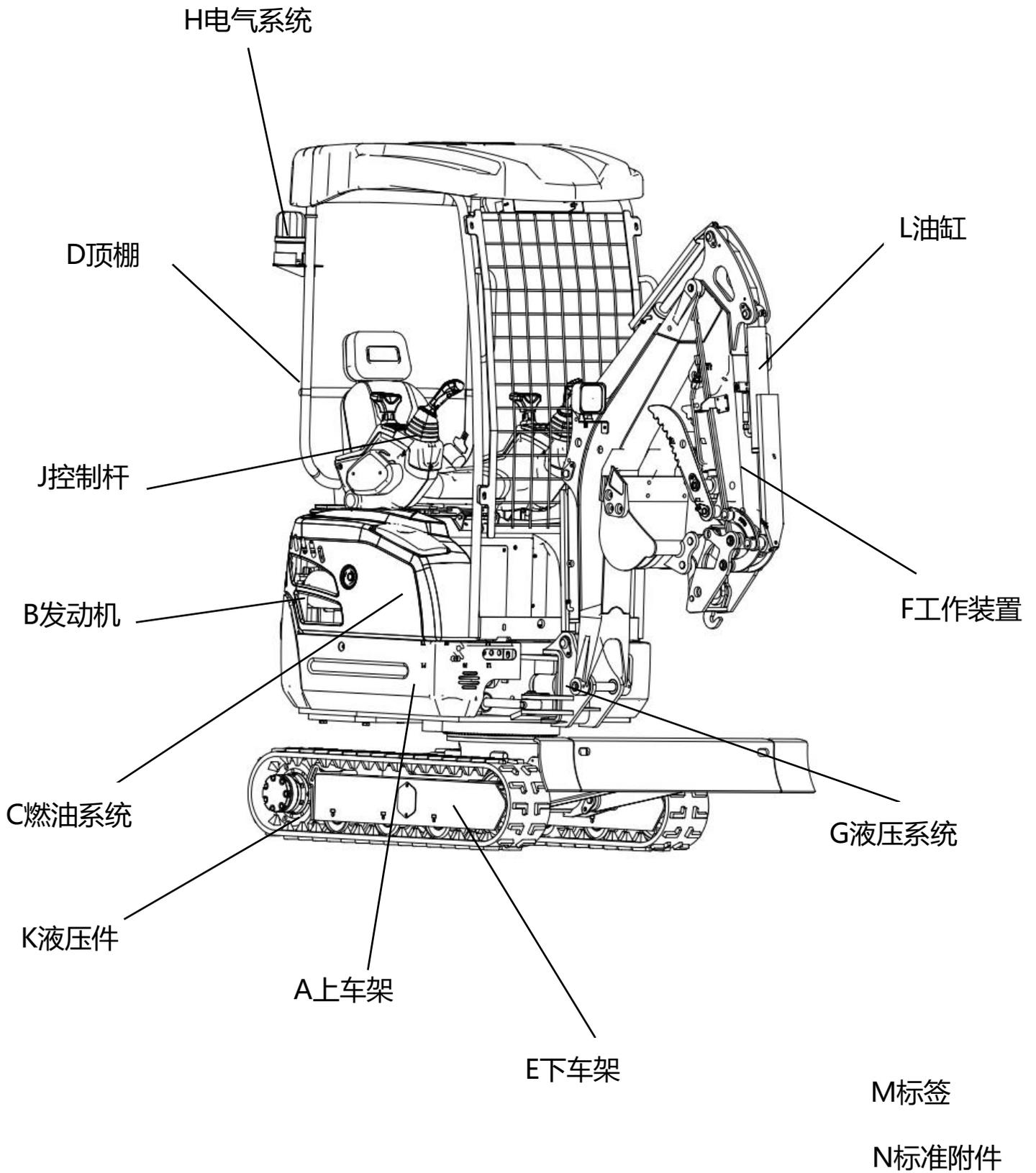


Engine Model

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# 目录部分

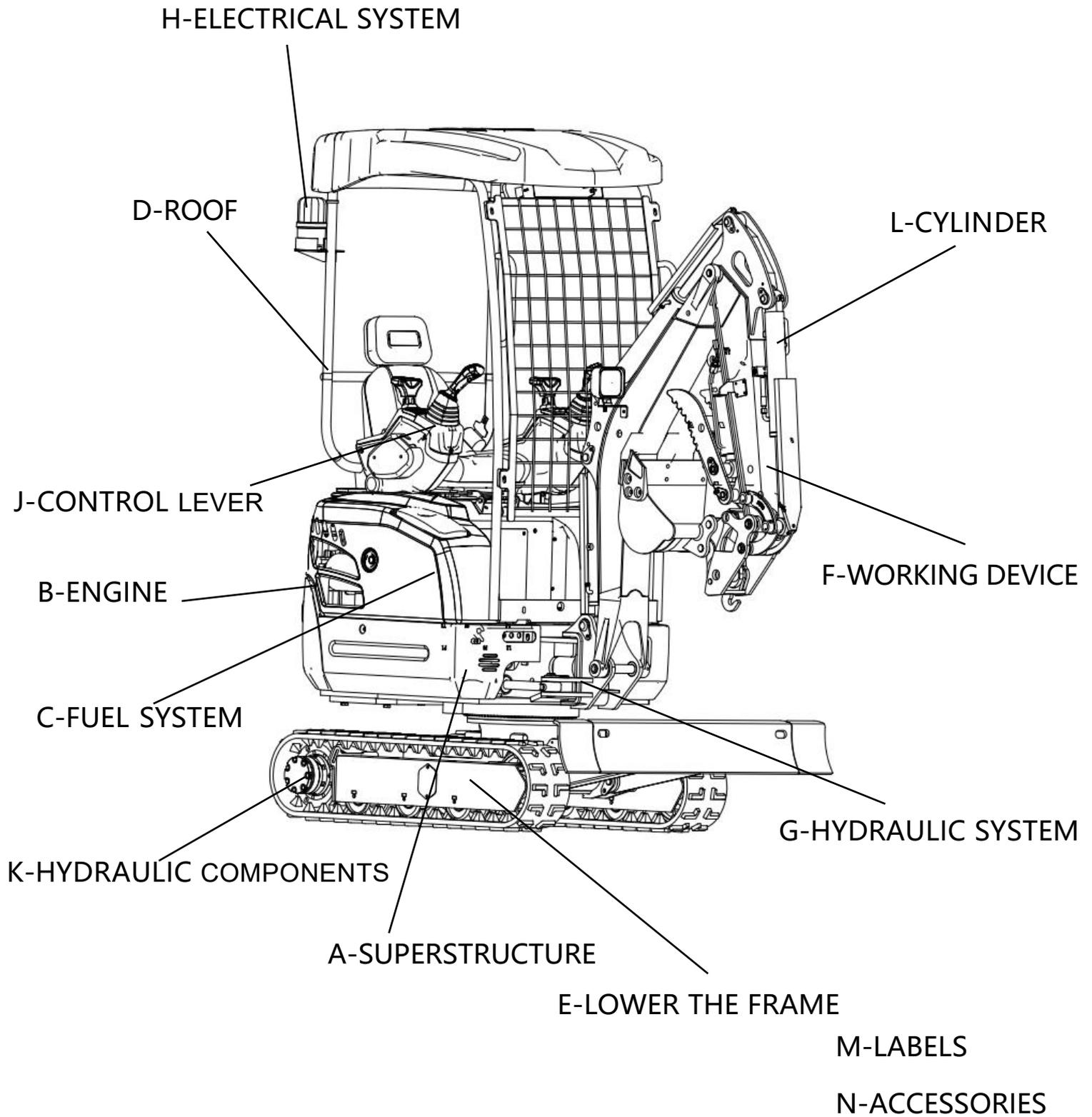
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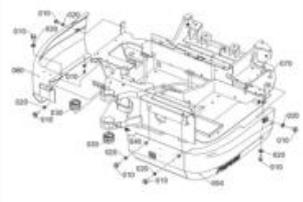
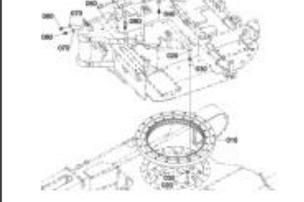
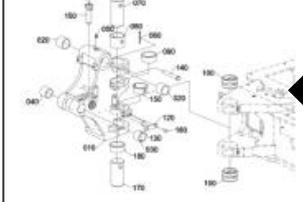
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## SECTION CONTENTS

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[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)

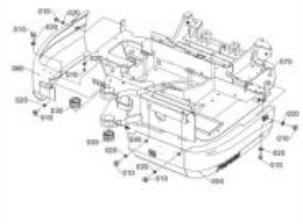
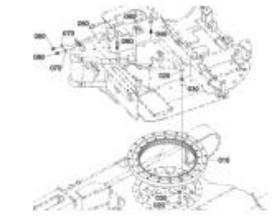
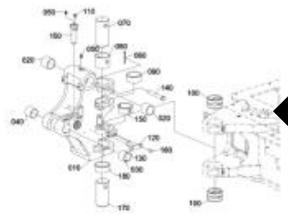
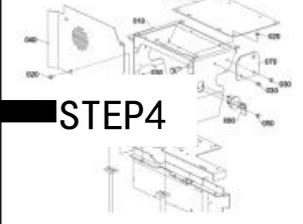
步骤 3: 为文本中的名称。

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]

<b>A 上车架</b> ← <b>STEP1</b> <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 <b>CABIN (PARTITION PLATE)</b>	动臂叉架 <b>SWIVEL BEARING</b>	动臂支架 <b>BOOM BRACKET</b>	座椅支... <b>SESEAT SUPPORT</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)

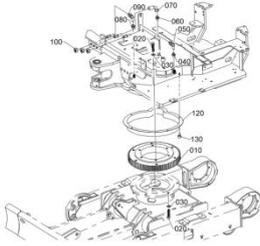
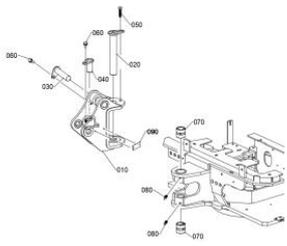
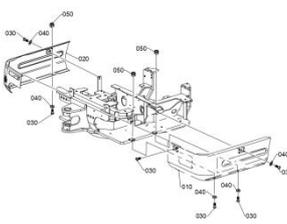
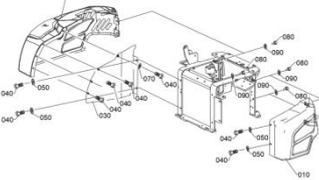
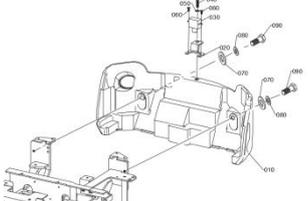
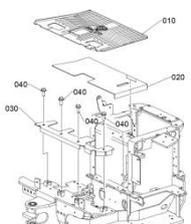
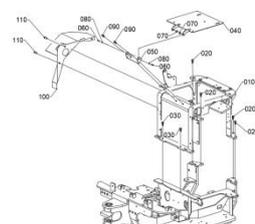
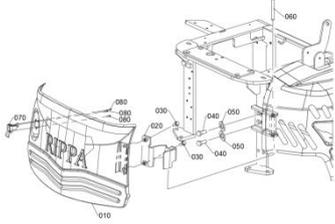
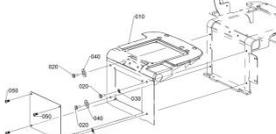
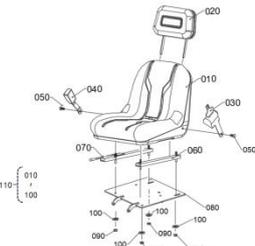
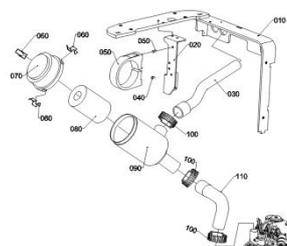
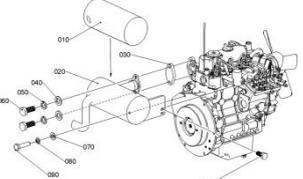
Step 3: These are the names in the text.

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.

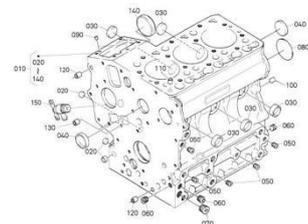
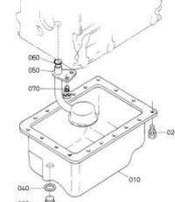
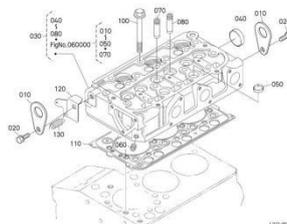
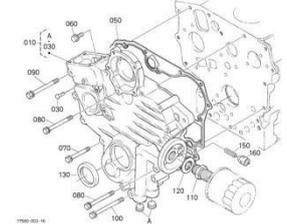
# A 上车架

## SUPERSTRUCTURE

<p>Fig.No. <b>A001</b> 回转支撑 SWIVEL BEARING</p> 	<p>Fig.No. <b>A002</b> 动臂支架 BOOM BRACKET</p> 	<p>Fig.No. <b>A003</b> 下围护罩 LOWER ENCLOSURE GUARD</p> 	<p>Fig.No. <b>A004</b> 左右护罩 LEFT AND RIGHT GUARDS</p> 
<p>Fig.No. <b>A005</b> 配重 BALANCE WEIGHT</p> 	<p>Fig.No. <b>A006</b> 踏板 PEDAL</p> 	<p>Fig.No. <b>A007</b> 座椅支架 SEAT BRACKET</p> 	<p>Fig.No. <b>A008</b> 后护罩 REAR SHIELD</p> 
<p>Fig.No. <b>A009</b> 座椅护罩 SEAT COVER</p> 	<p>Fig.No. <b>A010</b> 座椅 SEAT</p> 	<p>Fig.No. <b>A011</b> 进气系统 INTIKE SYSTEM</p> 	<p>Fig.No. <b>A012</b> 排气系统 EXHAUST SYSTEM</p> 

# B 发动机

## ENGINE

<p>Fig.No. <b>B001</b> 曲轴箱 CRANKCASE</p> 	<p>Fig.No. <b>B002</b> 油盘 OIL PAN</p> 	<p>Fig.No. <b>B003</b> 油缸头 CYLINDER HEAD</p> 	<p>Fig.No. <b>B004</b> 齿轮箱 CYLINDER HEAD</p> 
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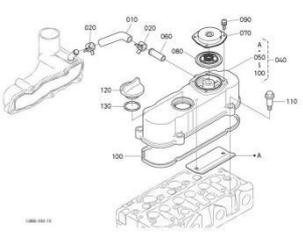
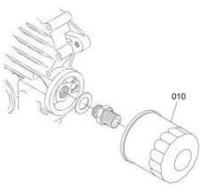
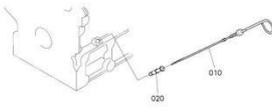
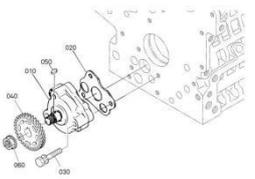
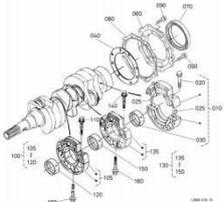
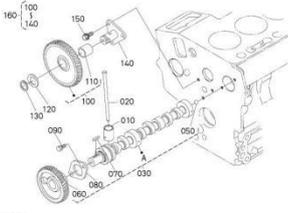
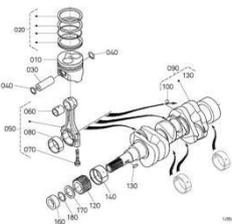
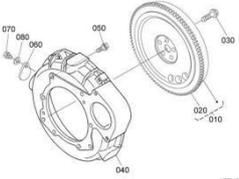
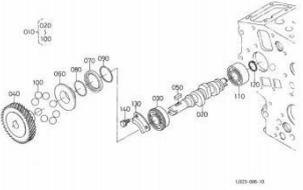
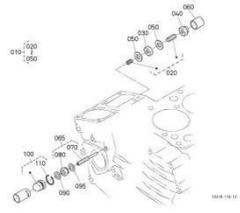
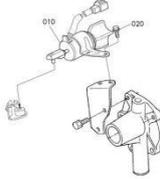
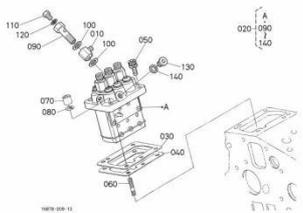
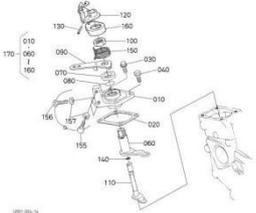
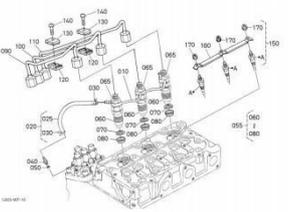
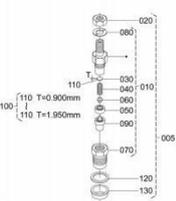
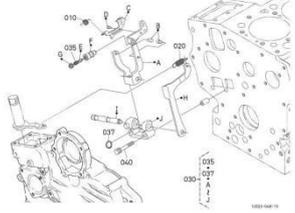
<p>Fig.No. <b>B005</b> 顶盖 HEAD COVER</p> 	<p>Fig.No. <b>B006</b> 机油滤清器 OIL FILTER</p> 	<p>Fig.No. <b>B007</b> 油量计 OIL GAUGE</p> 	<p>Fig.No. <b>B008</b> 油泵 OIL PUMP</p> 
<p>Fig.No. <b>B009</b> 主轴承箱 MAIN BEARING HOUSING</p> 	<p>Fig.No. <b>B010</b> 凸轮轴和中间齿轮轴 CAMSHAFT AND INTERMEDIATE GEAR SHAFT</p> 	<p>Fig.No. <b>B011</b> 活塞和曲柄轴 PISTON AND CRANKSHAFT</p> 	<p>Fig.No. <b>B012</b> 飞轮 FLYWHEEL</p> 
<p>Fig.No. <b>B013</b> 燃油凸轮轴和调速器轴 FUEL CAMSHAFT AND GOVERNOR SHAFT</p> 	<p>Fig.No. <b>B014</b> 怠速限制装置 FUEL IDLE LIMIT DEVICE</p> 	<p>Fig.No. <b>B015</b> 熄火电磁阀 ENGINE SHUT OFF SOLENOID VALVE</p> 	<p>Fig.No. <b>B016</b> 喷射泵 INJECTION PUMP</p> 
<p>Fig.No. <b>B017</b> 调速板 GOVERNOR PLATE</p> 	<p>Fig.No. <b>B018</b> 喷嘴座和电热塞 NOZZLE HOLDER GLOW PLUG</p> 	<p>Fig.No. <b>B019</b> 喷嘴座(分解) NOZZLE HOLDER (DISASSEMBLED)</p> 	<p>Fig.No. <b>B020</b> 叉杆(调速器) FORK LEVER (GOVERNOR)</p> 

Fig.No. B033  
风扇

FAN

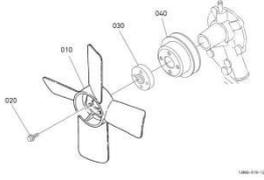


Fig.No. B034  
气门和摇臂

VALVE ROCKER ARM

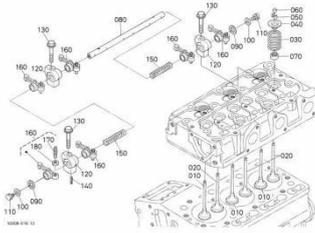


Fig.No. B035  
进气歧管

INTAKE MANIFOLD

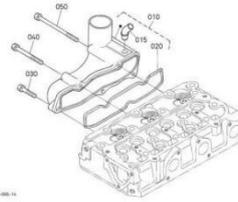


Fig.No. B036  
排气歧管

EXHAUST MANIFOLD

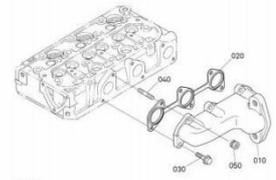


Fig.No. B021  
燃油滤清器

FUEL FILTER

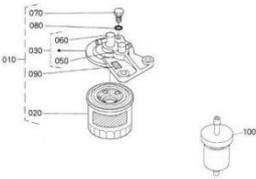


Fig.No. B022  
燃油泵（电磁式）

ELECTROMAGNETIC FUEL PUMP



Fig.No. B023  
燃油泵盖

FUEL PUMP COVER

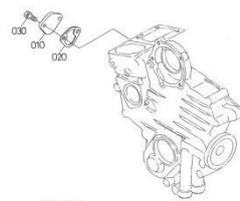


Fig.No. B024  
油水分离器[组成部分]

OIL-WATER SEPARATOR

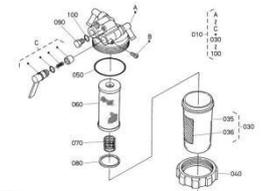


Fig.No. B025  
交流发电机和皮带轮

ALTERNATOR PULLEY

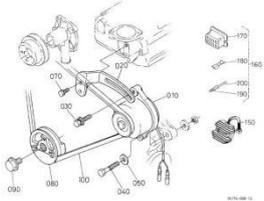


Fig.No. B026  
发电机（分解）

GENERATOR (DISASSEMBLED)

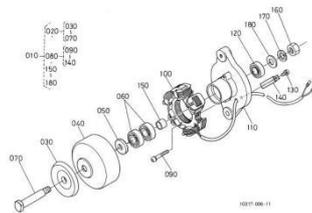


Fig.No. B027  
起动机

STARTER

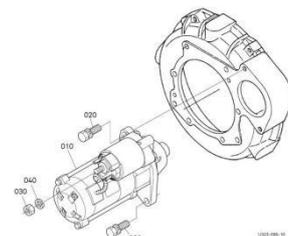


Fig.No. B028  
起动机（组成部分）

STARTER (COMPONENTS)

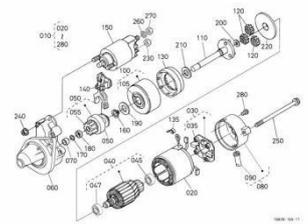


Fig.No. B029  
机油开关·温度计和塞

OIL SWITCH TEMPERATURE GAUGE PLUG

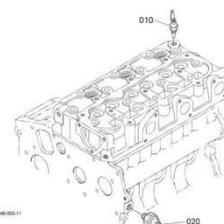


Fig.No. B030  
进出水法兰和节温器

INLET AND OUTLET WATER FLANGES THERMOSTATS

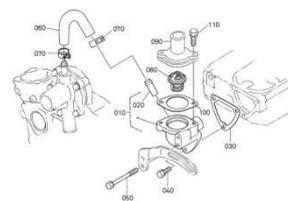


Fig.No. B031  
水泵

Water Pump

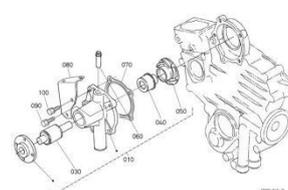
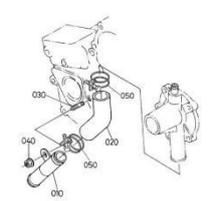
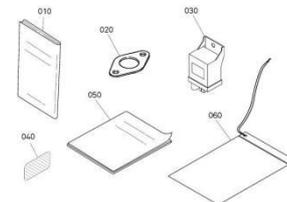
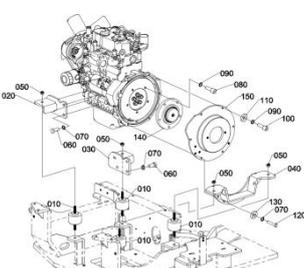


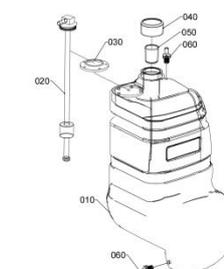
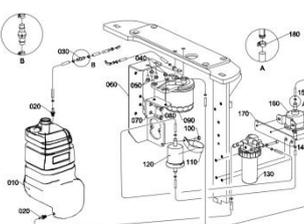
Fig.No. B032  
水管

WATER PIPE

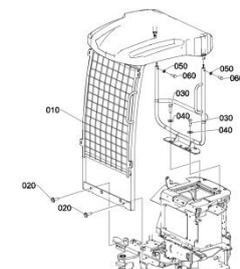
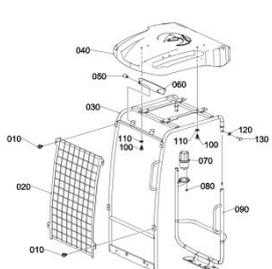


<p>Fig.No. <b>B037</b></p> <p>标签和使用说明书和附件和服务部 品</p> <p>TAGS, OPERATION MANUALS, ACCESSORIES AND SERVICE PARTS</p> 	<p>Fig.No. <b>B038</b></p> <p>发动机支座</p> <p>ENGINE MOUN</p> 		
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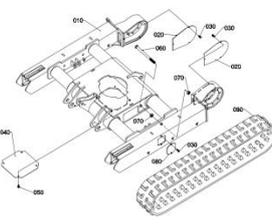
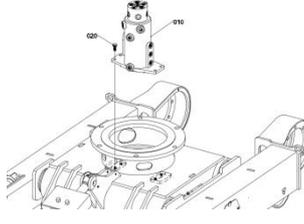
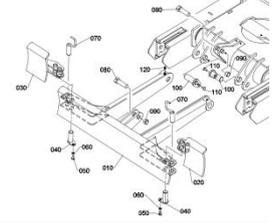
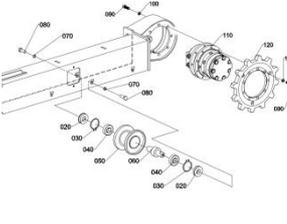
**C燃油系统**  
**FUEL SYSTEM**

<p>Fig.No. <b>C001</b></p> <p>燃油箱</p> <p>FUEL TANK</p> 	<p>Fig.No. <b>C002</b></p> <p>燃油系统</p> <p>FUEL SYSTEM</p> 		
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**D顶棚**  
**CEILING**

<p>Fig.No. <b>D001</b></p> <p>顶棚安装</p> <p>CEILING INSTALLATION</p> 	<p>Fig.No. <b>D002</b></p> <p>顶棚配件</p> <p>CEILING ACCESSORIES</p> 		
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**E下车架**  
**LOWER THE FRAME**

<p>Fig.No. <b>E001</b></p> <p>履带架</p> <p>TRACK FRAME</p> 	<p>Fig.No. <b>E002</b></p> <p>回转接头</p> <p>ROTARY JOINT</p> 	<p>Fig.No. <b>E003</b></p> <p>推土铲</p> <p>BULLDOZER BLADE</p> 	<p>Fig.No. <b>E004</b></p> <p>支重轮</p> <p>ROLLER</p> 
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**Fig.No. E005**  
 引导轮  
**IDLER WHEEL**

**F工作装置**  
**WORK DEVICE**

**Fig.No. F001**  
 工作装置（动臂）  
**WORK DEVICE (BOOM)**

**Fig.No. F002**  
 工作装置（斗杆）  
**WORK DEVICE (STICK)**

**Fig.No. F003**  
 工作装置（连摇杆和快换）  
**WORK DEVICE (CONNECTING & 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 (RETURN)**

**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**  
 液压系统(回转)  
**HYDRAULIC SYSTEM(SWIVEL)**

**Fig.No. G008**  
 液压系统(左行走)  
**HYDRAULIC SYSTEM(TRAVEL LH)**

Fig.No. G009

液压系统(右行走)

HYDRAULIC SYSTEM(TRAVEL RH)

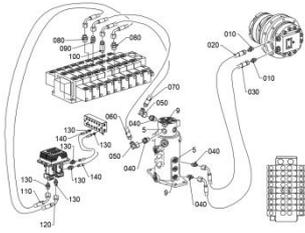


Fig.No. G010

液压系统(推土)

HYDRAULIC SYSTEM(BLADE)

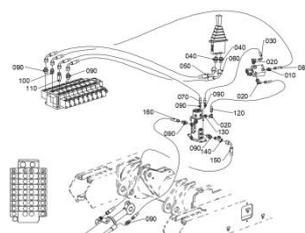


Fig.No. G011

液压系统(偏摆)

HYDRAULIC SYSTEM(SWING)

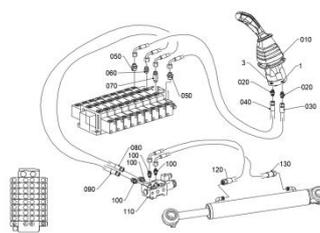


Fig.No. G012

液压系统(伸缩)

HYDRAULIC SYSTEM(TELESCOPI)

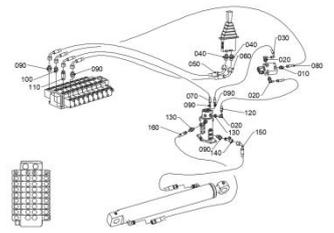


Fig.No. G013

液压系统(破碎)

HYDRAULIC SYSTEM(ADD)

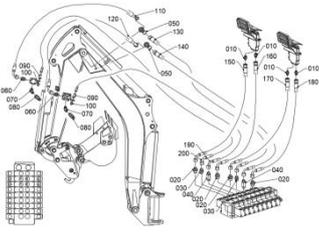
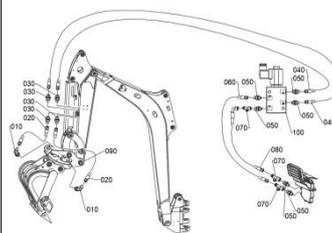


Fig.No. G014

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)

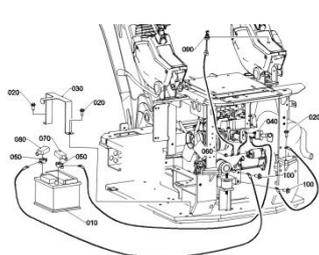


Fig.No. H002

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)

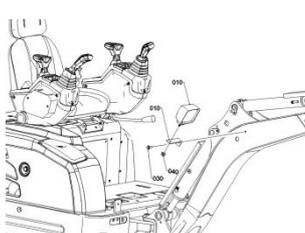


Fig.No. H004

电气系统(扶手箱)

ELECTRICAL SYSTEM (ARMREST BOX)

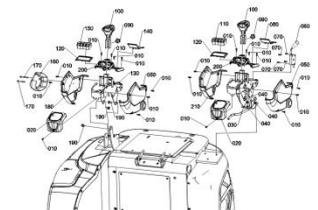
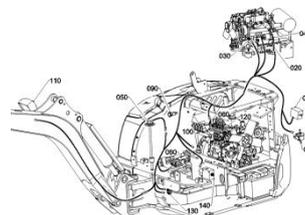


Fig.No.H005

电气系统(元件)

ELECTRICAL SYSTEM (COMPONENT)



# J操作杆

## CONTROL LEVER

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

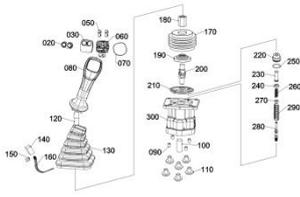


Fig.No. J002  
先导手柄(右手柄)  
CONTROL LEVER  
(LEVER RH)

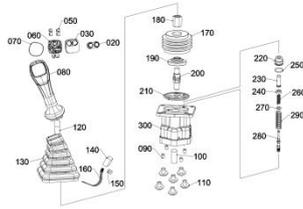


Fig.No. J003  
破碎脚踏  
BROKEN PEDAL

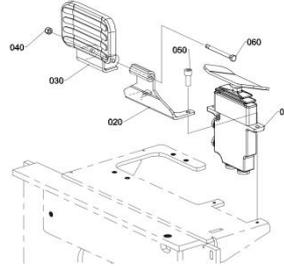
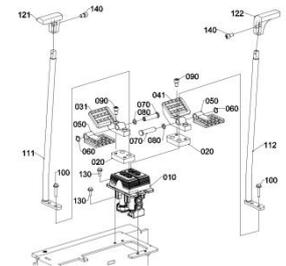


Fig.No. J004  
行走阀、杆  
WALKING VALVE, ROD



# K液压件

## HYDRAULIC COMPONENTS

Fig.No. K000  
多路阀  
SPMULTI-WAY VALVE

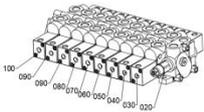


Fig.No. K001  
阀体部件(进油)  
SPOOL SECTION(OIL  
INLET)

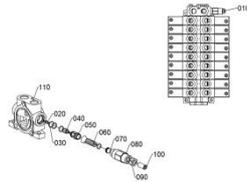


Fig.No. K002  
阀体部件(回转)  
SPOOL SECTION(SWING)

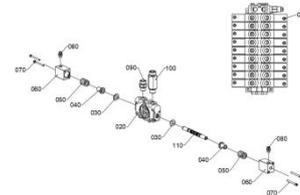


Fig.No.K003  
阀体部件(动臂)  
SPOOL SECTION(BOOM)

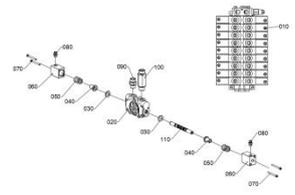


Fig.No.  
K004 阀体部件(  
挖斗)  
SPOOL SECTION(BUCKET)

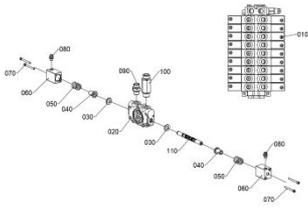


Fig.No.  
K005 阀体部件(  
斗杆)  
SPOOL SECTION(ARM)

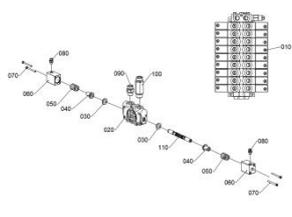


Fig.No.  
K006 阀体部件(  
右行走)  
SPOOL SECTION(DRIVE  
RH)

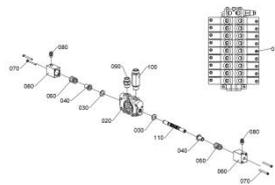


Fig.No.  
K007 阀体部件(  
左行走)  
SPOOL SECTION(DRIVE  
LH)

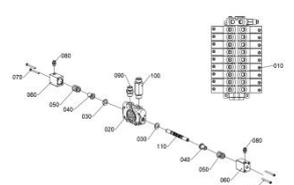


Fig.No. K008  
阀体部件(破碎)  
SPOOL  
SECTION(CRUSHING)

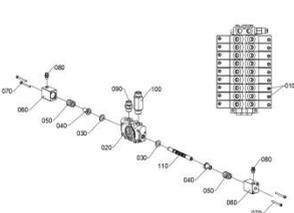


Fig.No. K009  
阀体部件(推土)  
SPOOL SECTION(BLADE)

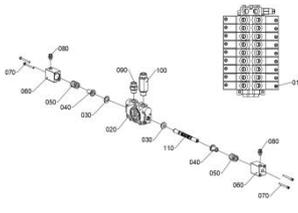


Fig.No. K010  
齿轮泵和零件

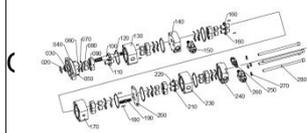


Fig.No.K011  
回转马达  
ROYTARY MOTOR

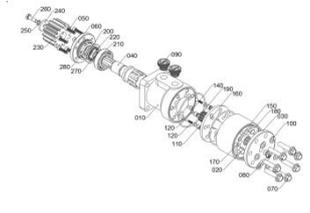
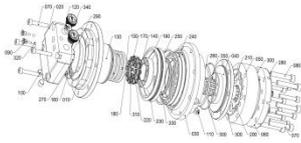


Fig.No.K012  
行走马达  
TRAVELING MOTOR



L油缸  
CYLINDER

Fig.No. L001  
油缸（动臂）  
BOOM CYLINDER

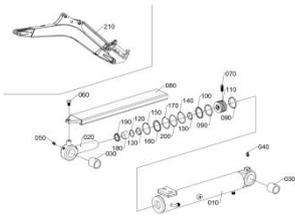


Fig.No. L002  
油缸（斗杆）  
ARM CYLINDER

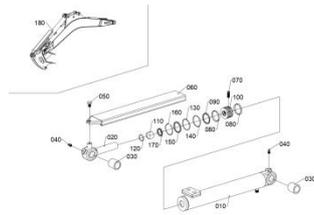


Fig.No. L003  
油缸（挖斗）  
BUCKET CYLINDER

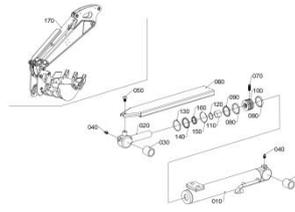


Fig.No. L004  
油缸（动臂偏摆）  
BOOM SWING CYLINDER

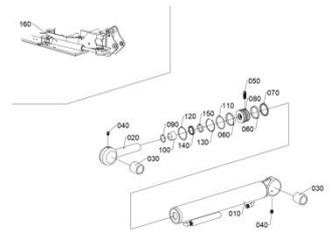


Fig.No. L005  
油缸（推土）  
BULLDOZER HYDRAULIC CYLINDER

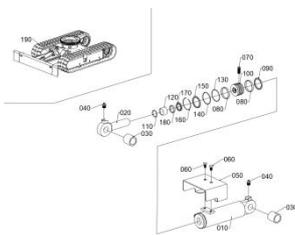
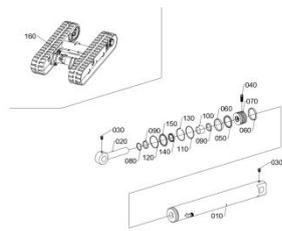


Fig.No. L006  
油缸（伸缩）  
TELESCOPIC HYDRAULIC CYLINDER



M标签  
LABELS

Fig.No. M001  
M001 标签  
LABEL

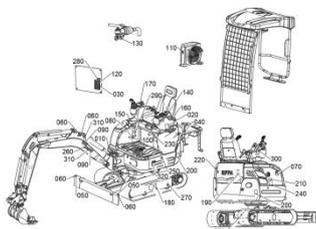
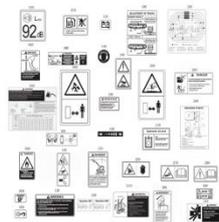
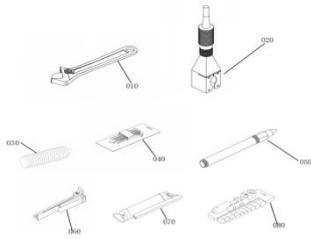


Fig.No. M002  
M002 标签  
LABEL



**N标准附件**  
**ACCESSORIES**

Fig.No.  
**N001 标准附件**  
**ACCESSORIES**



























































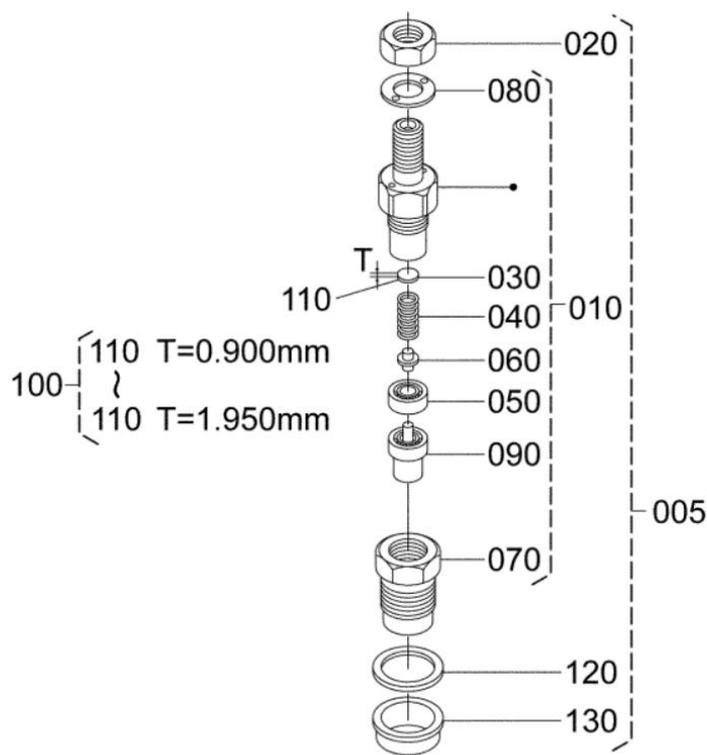




B019

喷嘴座(分解)

NOZZLE HOLDER (DISASSEMBLED)



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
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	16826-92032	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	16962-53610	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











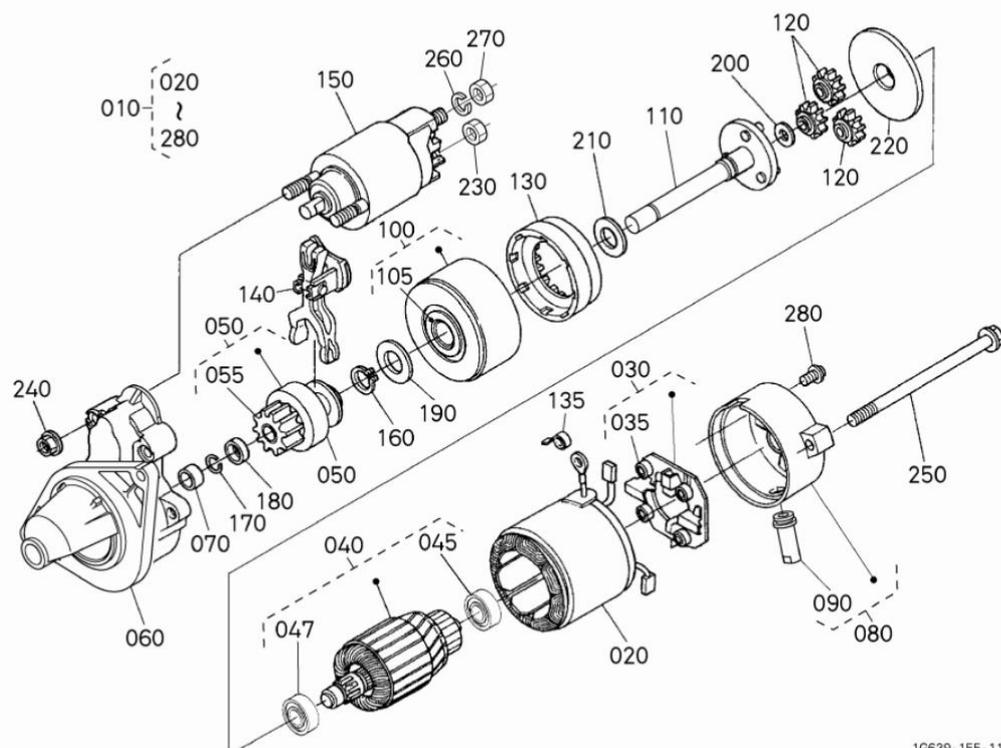








## B028

 起动器 (组成部分)  
 STARTER (COMPONENTS)


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	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	拨动壳总成	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













































































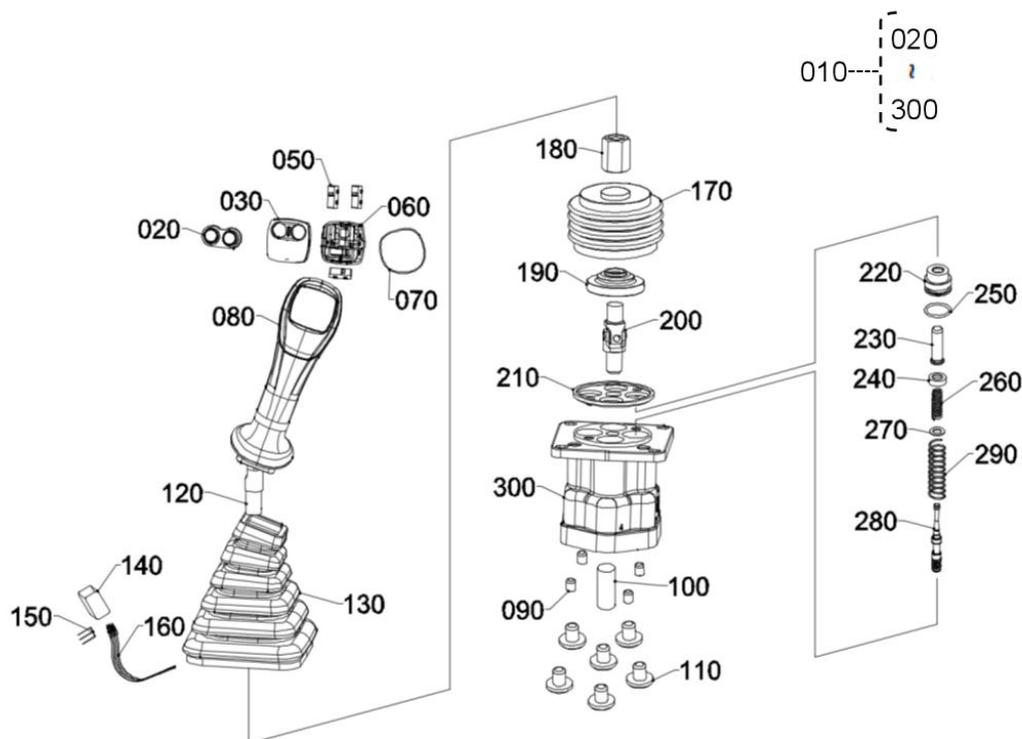






J001

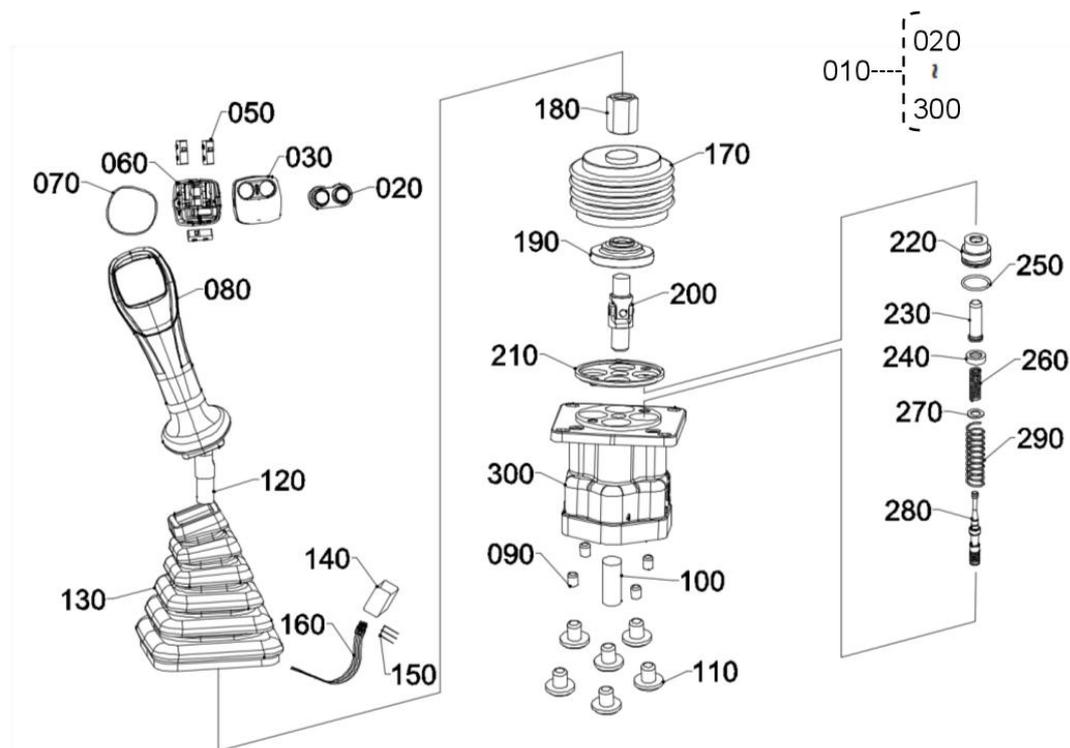
先导手柄（左手柄）  
CONTROL LEVER (LEVER LH)



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. No.	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

















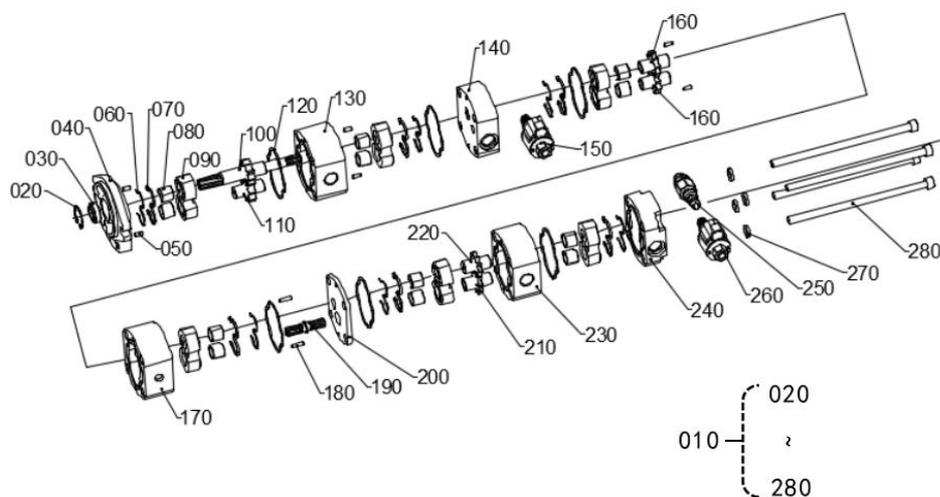








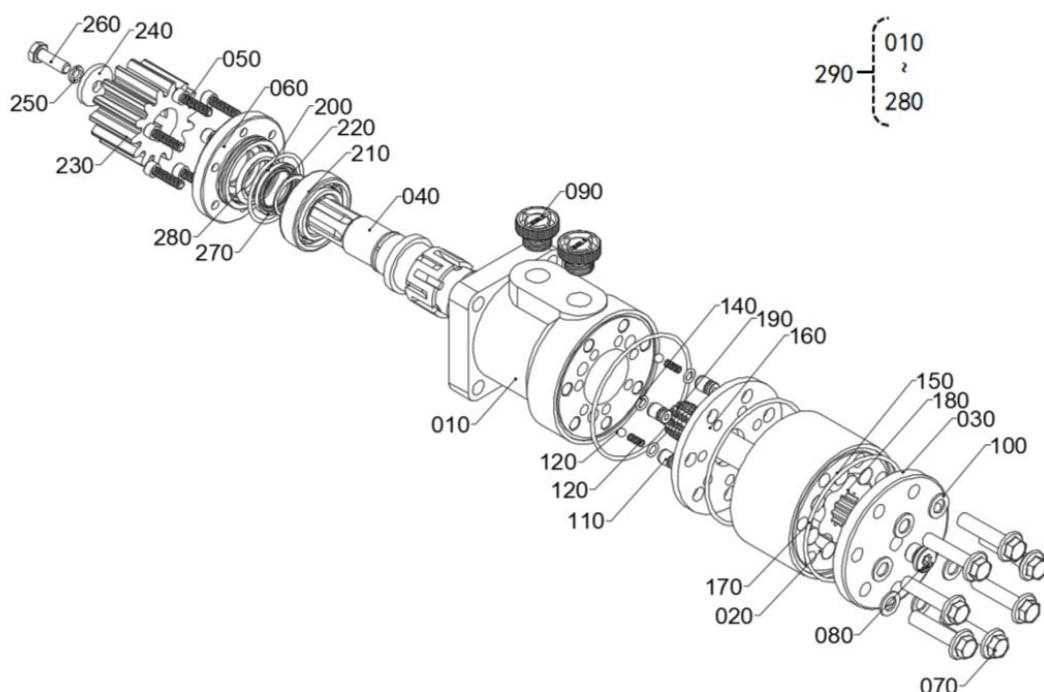
## K010

 齿轮泵和零件  
 GEAR 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.No.	互换性 I.C.	备注 REMARKS
010	LP0101010025		齿轮泵	GEAR PUMP	1		
020	LP1001010025-001	32	孔用弹性挡圈	HOLE ELASTIC R RING	1		
030	LP1001010025-002	18*30*8/10	油封	OIL SEAL	1		
040	LP1001010025-003	TX3025-825102	前盖	FRONT COVER	1		
050	LP1001010025-004	Φ5*12	圆柱销	CYLINDRICAL PIN	6		
060	LP1001010025-005	CBT-F31-105	3字挡圈	3-SHAPED RING	6		
070	LP1001010025-006	CBT-F31-106	3型垫	TYPE 3 PAD	6		
080	LP1001010025-007	18*20*20	衬套	BUSHING	12		
090	LP1001010025-008	CBT-F3-109DXP	轴套	SHAFT SLEEVE	12		
100	LP1001010025-009	TXD381-06DRHT-FHB	主动齿轮	DRIVING GEAR	1		
110	LP1001010025-010	TXD381-06ID	被动齿轮	DRIVEN GEAR	1		
120	LP1001010025-011	CBT-F31-108	矩形圈	RECTANGULAR RING	6		
130	LP1001010025-012	104G4321-G5	中间体	INTERMEDIATE BODY	1		
140	LP1001010025-013	CBT-FHL-301	阀块	VALVE BLOCK	1		
150	LP1001010025-014	TX-8001	电磁阀	SOLENOID VALVE	1		
160	LP1001010025-015	TXD381-04DRG	被动齿轮 II	DRIVEN GEAR II	2		
170	LP1001010025-016	104G43-G5	中间体	INTERMEDIATE BODY	1		
180	LP1001010025-017	Φ5*18	圆柱销	CYLINDRICAL PIN	2		
190	LP1001010025-018	TX-7001	连接轴	CONNECTING SHAFT	1		
200	LP1001010025-019	CBT-XKLJB-02	连接板	CONNECTING PLATE	1		
210	LP1001010025-020	TXD381-03DRG	被动齿轮 II	DRIVEN GEAR II	1		
220	LP1001010025-021	TXD381-03ID	被动齿轮	DRIVEN GEAR	1		
230	LP1001010025-022	TXD03-104G21	中间体	INTERMEDIATE BODY	1		
240	LP1001010025-023	CBT-FXD-308	后盖	REAR COVER	1		
250	LP1001010025-024	TX-9001	溢流阀	RELIEF VALVE	1		
260	LP1001010025-025	TX-8001	电磁阀	SOLENOID VALVE	1		
270	LP1001010025-026	M10	平垫	FLAT WASHER	4		
280	LP1001010025-027	M10*210	内六角螺栓	INTERNAL BOLT	4		

↔ 可互换；↯ 不可互换；← 以新换旧；→ 以旧换新

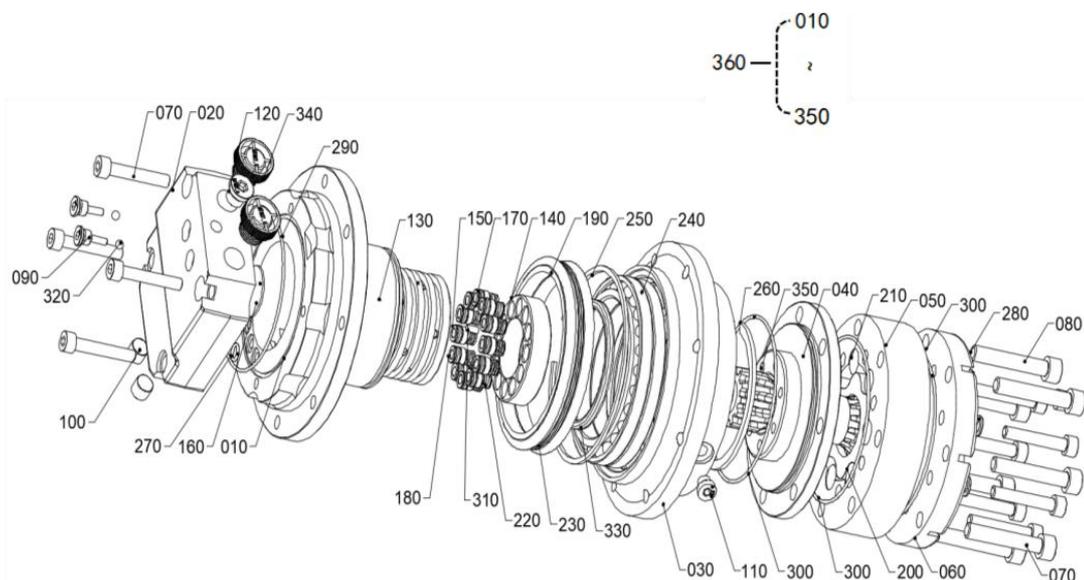
# K011 回转马达 ROYTARY MOTOR



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	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花键	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 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	LP1002020023-001	B112-15	壳体	SHELL	1		
020	LP1002020023-002	B114-05	单速阀体	VALVE BODY	1		
030	LP1002020023-003	B112-03	壳体	SHELL	1		
040	LP1002020023-004	E112-01	隔板	PARTITION	1		
050	LP1002020023-005	H112(310)	定子	STATOR	1		
060	LP1002020023-006	E112-02	后盖	BACK COVER	1		
070	LP1002020023-007	M8*50	内六角圆柱头螺钉	SCREW	7		
080	LP1002020023-008	M10*60	内六角圆柱头螺钉	SCREW	7		
090	LP1002020023-009	F112-11	螺堵	SCREW PLUG	2		
100	LP1002020023-010	G4分之1	顶丝	SET SCREW	2		
110	LP1002020023-011	G8分之1	螺堵	SCREW PLUG	1		
120	LP1002020023-012	M14*1.5	螺堵	SCREW PLUG	1		
130	LP1002020023-013	H112-02	配油盘	OIL PAN	1		
140	LP1002020023-014	H112-03	配油盘2	OIL PAN TWO	1		
150	LP1002020023-015	F112-05	活塞	PISTON	12		
160	LP1002020023-016	Y112-02	平垫	FLAT GASKET	1		
170	LP1002020023-017	K112-07	密封垫	GASKET	12		
180	LP1002020023-018	7.7*1.9	O型橡胶密封圈	O-RING	12		
190	LP1002020023-019	K112-05	浮动环	FLOATING SEAL RING	2		
200	LP1002020023-020	4061-(310)	轴承限位套	LIMIT SLEEVE	1		
210	LP1002020023-021	5056(310)	针齿	NEEDLE TOOTH	7		
220	LP1002020023-022	1.5*9*8	压缩弹簧	COMPRESSION SPRING	12		
230	LP1002020023-023	109*7	O型橡胶密封圈	O-RING	2		
240	LP1002020023-024	112	轴承	BEARING	1		
250	LP1002020023-025	N112-01	止动环	RETAINING RING	1		
260	LP1002020023-026	N112-02	止动环	RETAINING RING	1		
270	LP1002020023-027	8*2	O型橡胶密封圈	O-RING	4		
280	LP1002020023-028	8*1.6	平垫圈	FLAT WASHER	7		
290	LP1002020023-029	99.5*1.9	O型橡胶密封圈	O-RING	1		
300	LP1002020023-030	104*2	O型橡胶密封圈	O-RING	3		

↔ 可互换； / 不可互换； ← 以新换旧； → 以旧换新







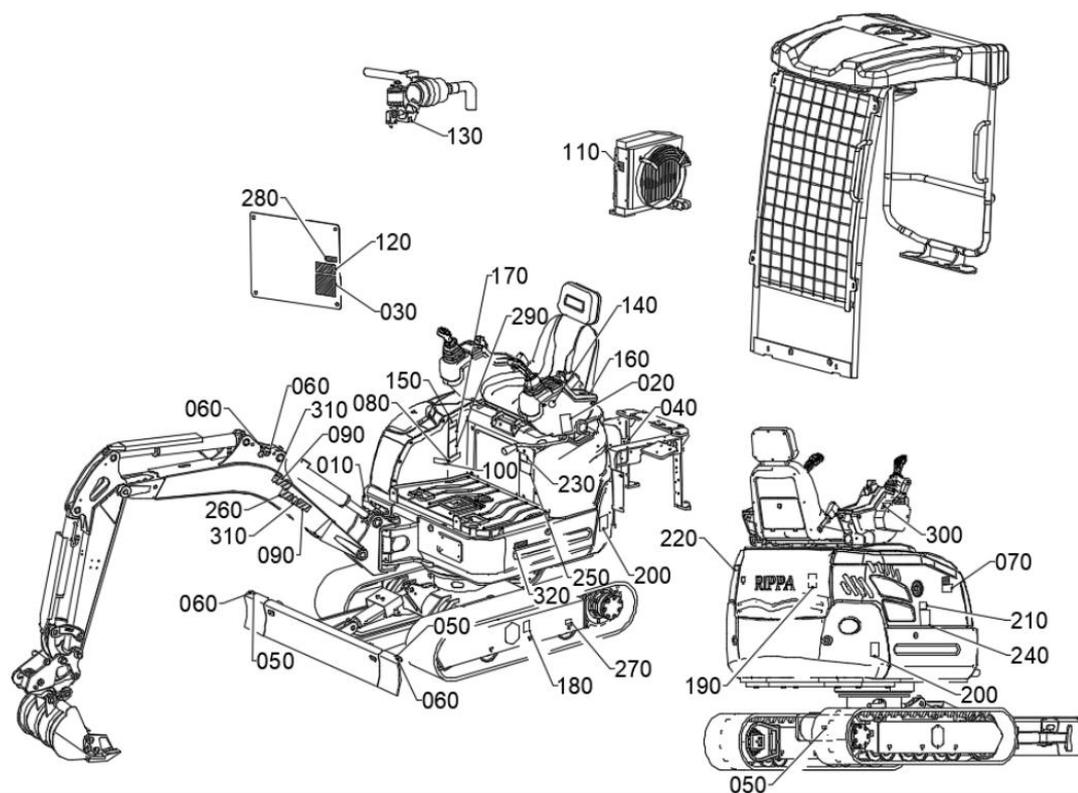








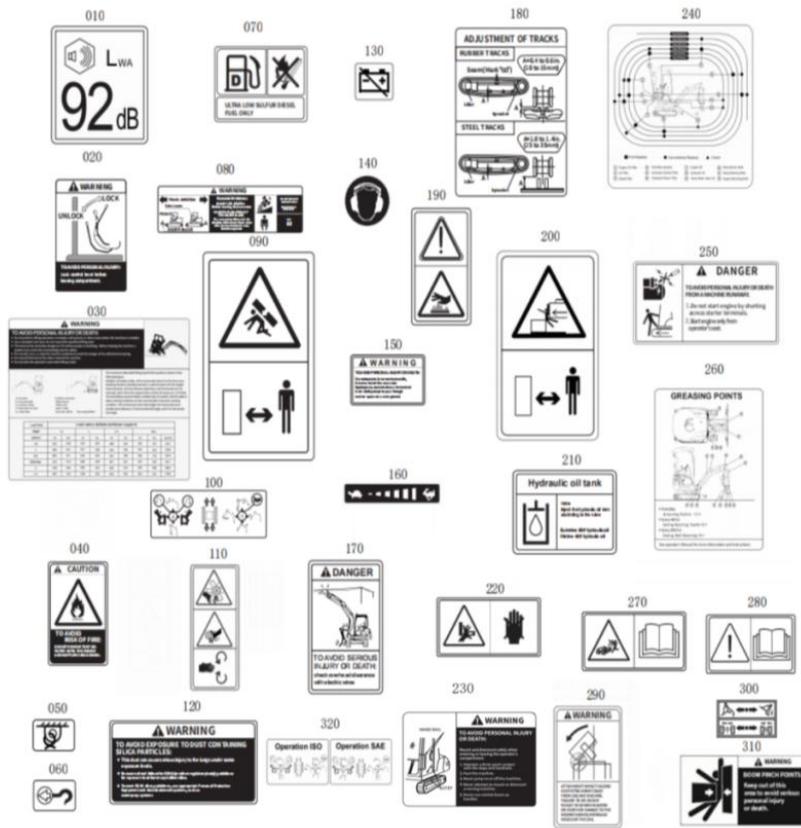
## M001

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	LP0116012002		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	LP0116011975		注意标签	LABEL, CAUTION	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	LP0116012007		标签	LABEL	1		
250	LP0116011980		注意标签	LABEL, CAUTION	1		
260	LP0116012006		注意标签	LABEL, CAUTION	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





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	LP0116011957		标签	LABEL	1		
020	LP0116011958		安全锁标签	SAFETY LOCK LABELS	1		
030	LP0116012002		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		
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250	LP0116011980		注意标签	LABEL, CAUTION	1		
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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







## **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R15-5 Eco车型。
4. 本零件表如有变更，恕不另行通知。

## **NOTICE**

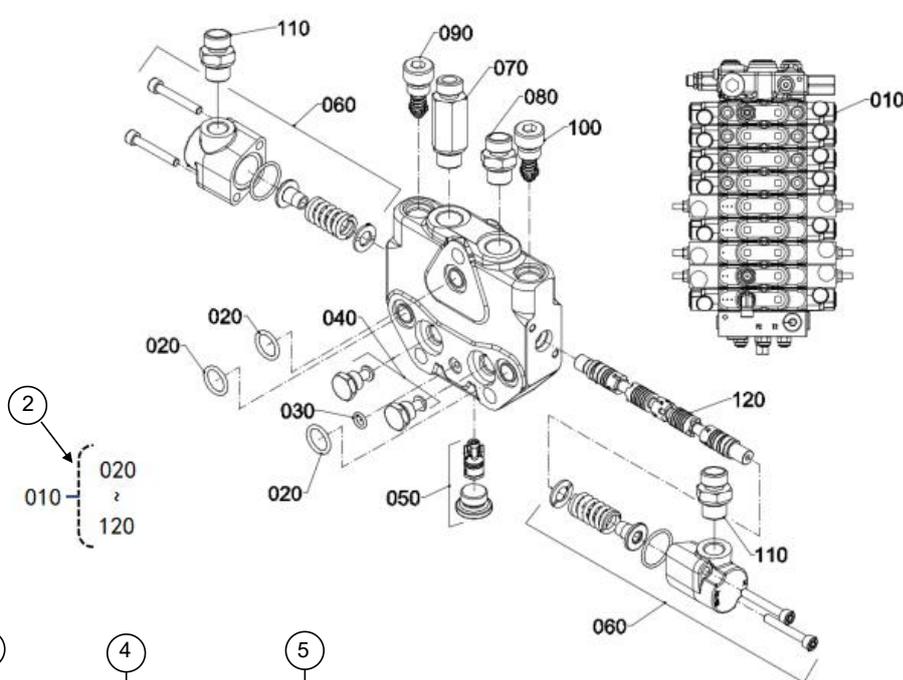
This Parts List is for the following purposes.

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 R15-5 Eco 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  
↓

④  
↓

⑤  
↓

⑥  
↓

⑦  
↓

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	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		

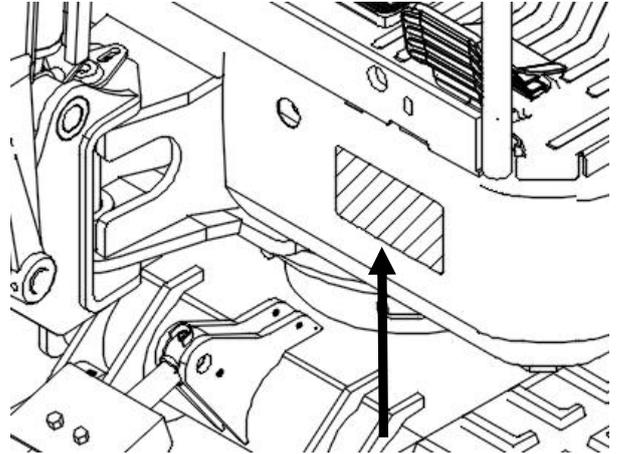
- ① 图号-----代表与每一组名称相对应的数字。
- ② 组件-----供一个装配用的组件可以通过一组虚线识别。
- ③ 序号 (REF. No.) -----参考数字是指在图解说明中特定的零部件由特定的数字代表。在图解中一个零部件的代号可以通过参考零部件目录上的同的参考数字而识别出来。
- ④ 存货编码-----每个零部件独一无二的识别代码, 用于代表该部件。
- ⑤ 零件号-----零部件的规格型号或者该零部件的零件号。
- ⑥ 互换性-----表示由于设计上的变化部件的可互换型。
- 例 ≠ -----表示新老零部件之间不可以替换。
- 例 ← -----表示一个新部件可以替换一个老部件, 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 ≠ -----Indicates that the new and old components cannot be replaced with each other.  
 Example ← -----Indicates that a new component can replace an old component, but not vice versa.  
 Example → -----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。

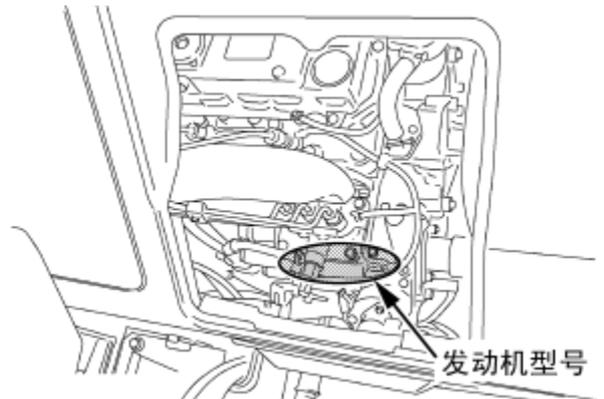
	型号	序列号
挖掘机	_____	_____
发动机	_____	_____
购买日期	_____	
经销商名称 (由购买者填写)	_____	



**CE** SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

Product Name	Hydraulic Excavator	Model	R15
Engine power(kw)	10.2	Operating Mass(kg)	1445
Serial Number	>LPR25060901<	Year	2025/6

No. 39, Guang 'an Road, liuhang Sub-district, TEL:+86-0537 2339712  
 High-tech Zone, Jining City, 272000 Shandong, P.R. China Web:www.rippa.com

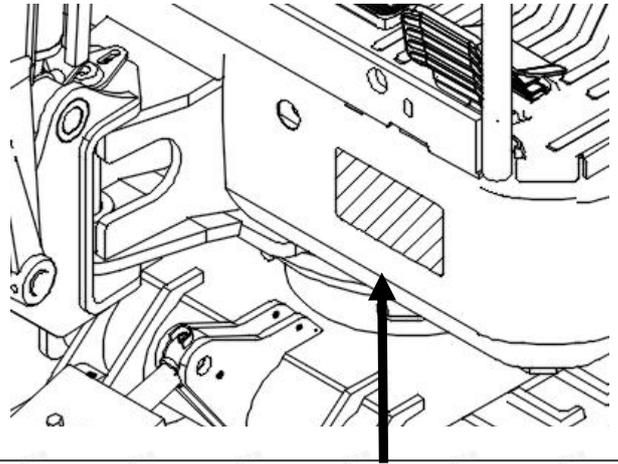


# SERIAL NUMBER

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	_____	_____

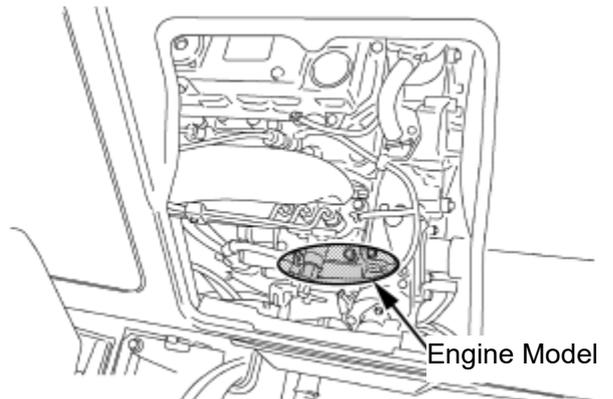
(To be filled in by purchaser)



**CE** SHANDONG RIPPA MACHINERY GROUP CO.,LTD.

Product Name	Hydraulic Excavator	Model	R15
Engine power(kw)	10.2	Operating Mass(kg)	1445
Serial Number	>LPR25060901<	Year	2025/6

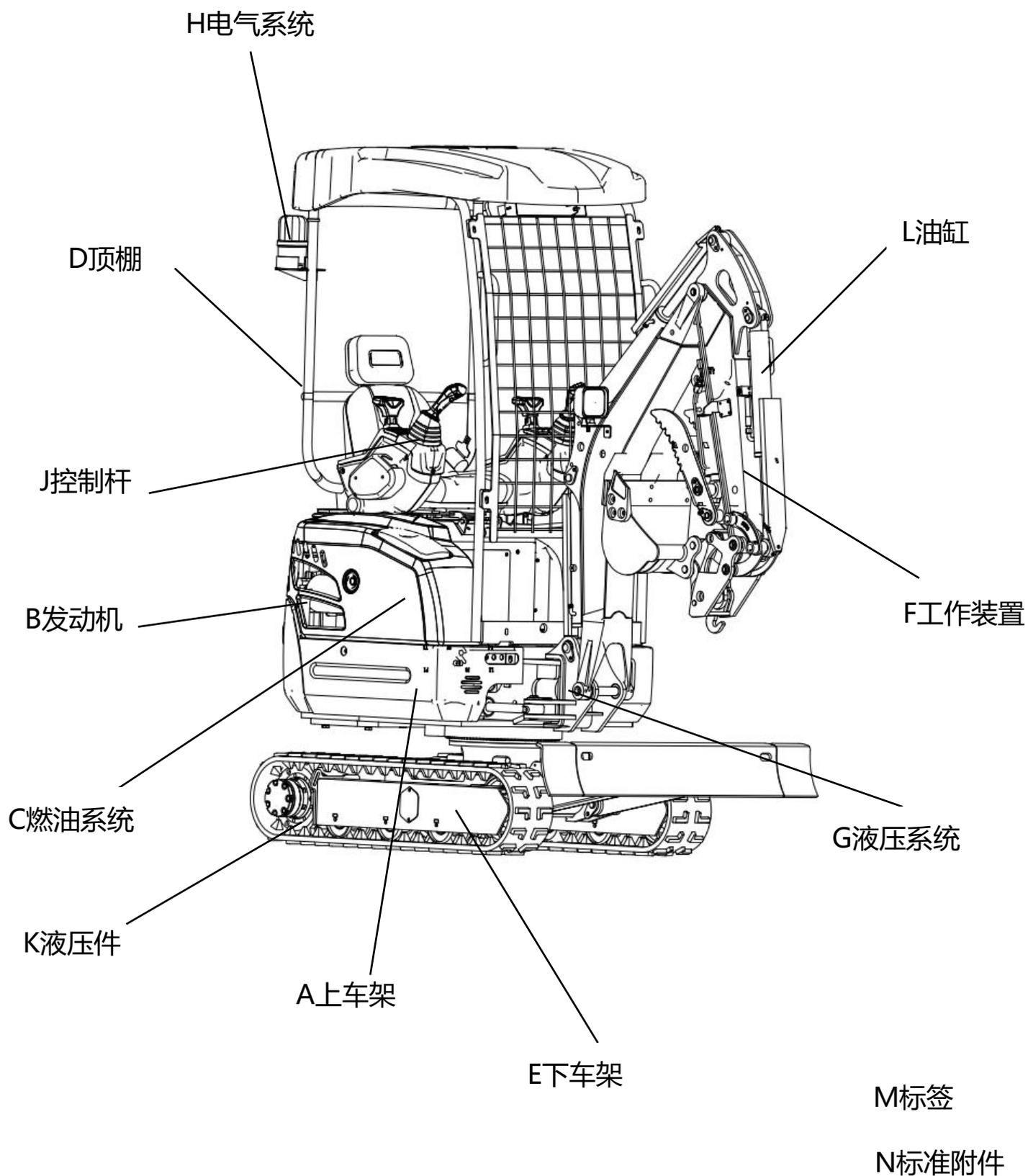
No. 39, Guang 'an Road, liuhang Sub-district, TEL:+86-0537 2339712  
 High-tech Zone, Jining City, 272000 Shandong, P.R. China Web:www.rippa.com



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## 目录部分

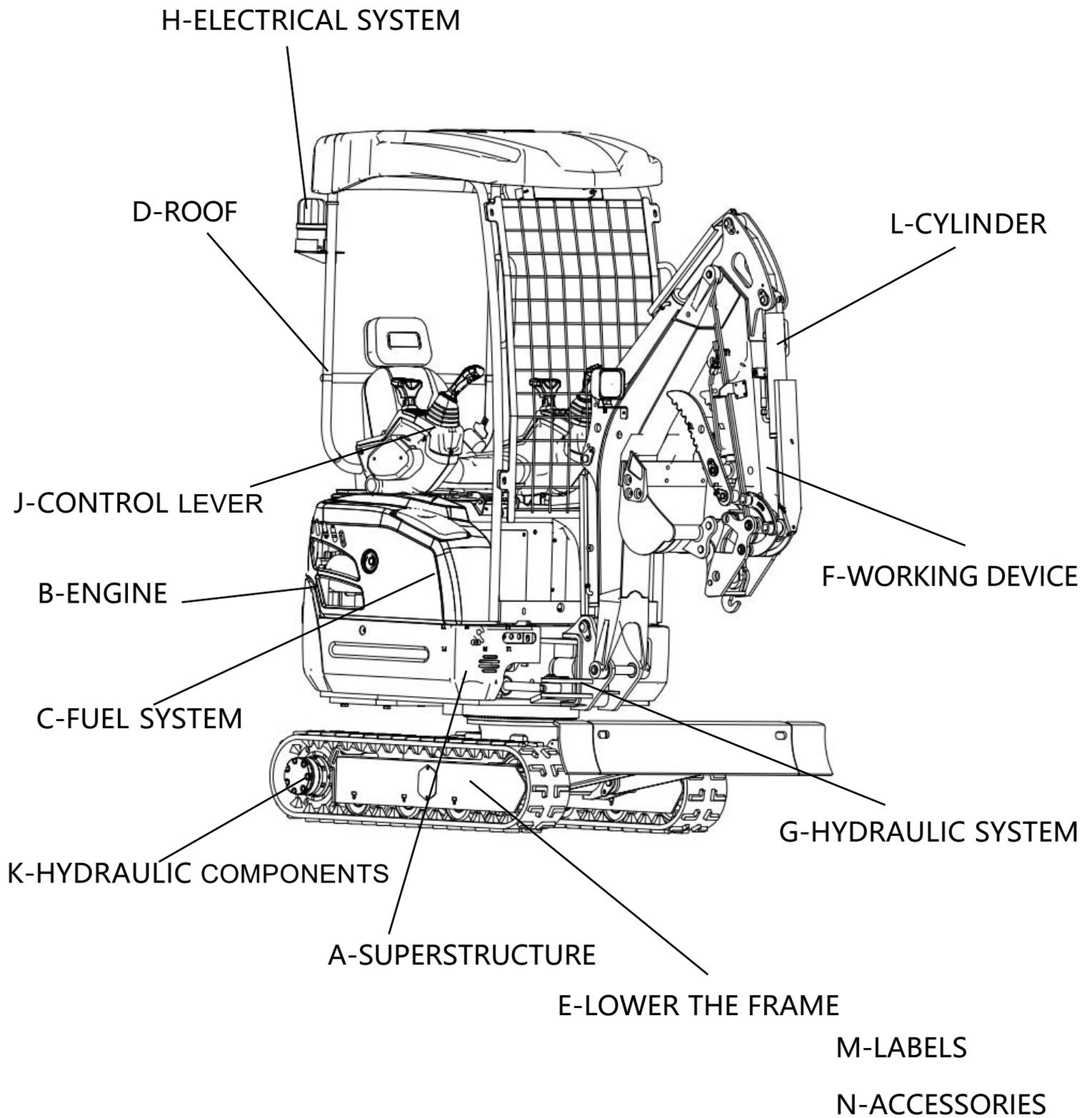
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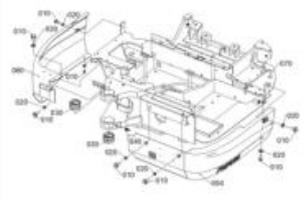
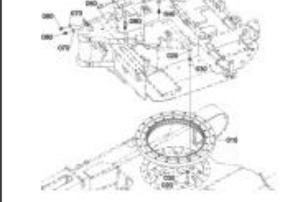
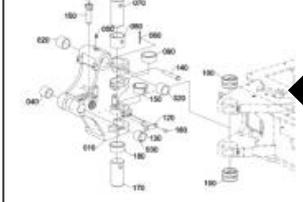
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## SECTION CONTENTS

---



[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)

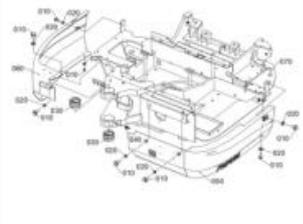
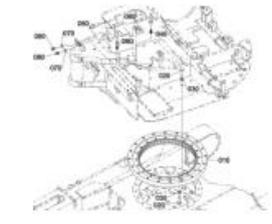
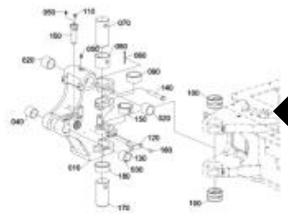
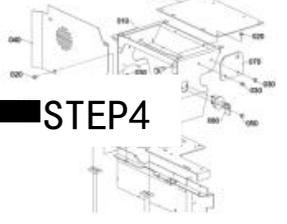
步骤 3: 为文本中的名称。

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]

<b>A 上车架</b> ← <b>STEP1</b> <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 <b>CABIN (PARTITION PLATE)</b>	动臂叉架 <b>SWIVEL BEARING</b>	动臂支架 <b>BOOM BRACKET</b>	座椅支... <b>SESEAT SUPPORT</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.

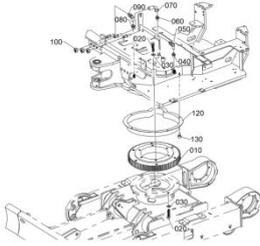
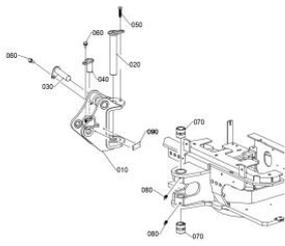
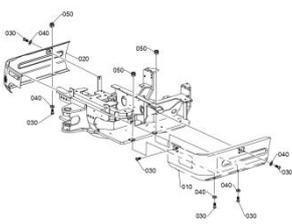
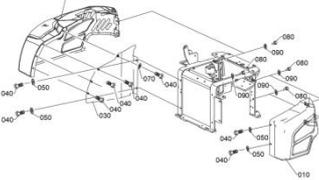
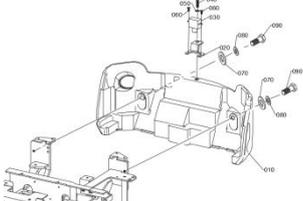
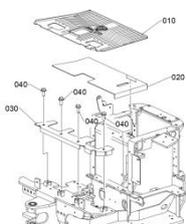
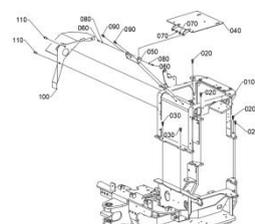
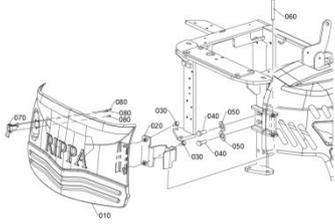
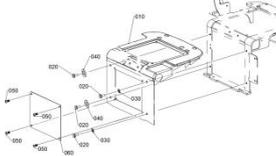
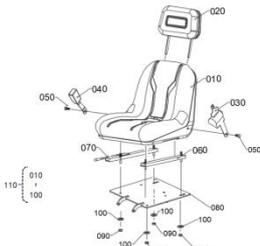
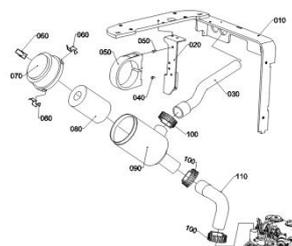
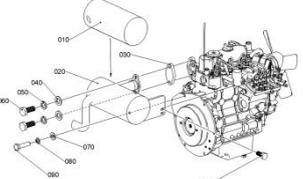
(Figure No....0003)

Step 3: These are the names in the text.

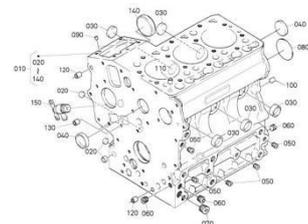
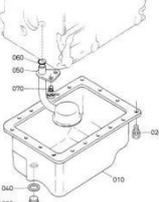
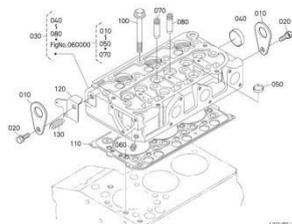
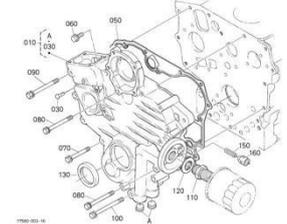
Step 4: This refers to the diagrams of the components in the text.

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> 回转支撑 SWIVEL BEARING</p> 	<p>Fig.No. <b>A002</b> 动臂支架 BOOM BRACKET</p> 	<p>Fig.No. <b>A003</b> 下围护罩 LOWER ENCLOSURE GUARD</p> 	<p>Fig.No. <b>A004</b> 左右护罩 LEFT AND RIGHT GUARDS</p> 
<p>Fig.No. <b>A005</b> 配重 BALANCE WEIGHT</p> 	<p>Fig.No. <b>A006</b> 踏板 PEDAL</p> 	<p>Fig.No. <b>A007</b> 座椅支架 SEAT BRACKET</p> 	<p>Fig.No. <b>A008</b> 后护罩 REAR SHIELD</p> 
<p>Fig.No. <b>A009</b> 座椅护罩 SEAT COVER</p> 	<p>Fig.No. <b>A010</b> 座椅 SEAT</p> 	<p>Fig.No. <b>A011</b> 进气系统 INTIKE SYSTEM</p> 	<p>Fig.No. <b>A012</b> 排气系统 EXHAUST SYSTEM</p> 

# B 发动机 ENGINE

<p>Fig.No. <b>B001</b> 曲轴箱 CRANKCASE</p> 	<p>Fig.No. <b>B002</b> 油盘 OIL PAN</p> 	<p>Fig.No. <b>B003</b> 油缸头 CYLINDER HEAD</p> 	<p>Fig.No. <b>B004</b> 齿轮箱 CYLINDER HEAD</p> 
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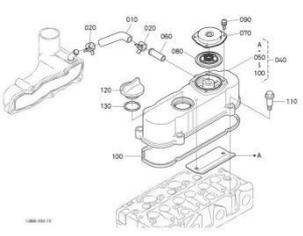
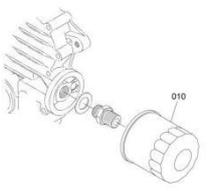
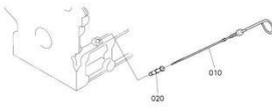
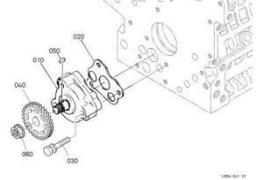
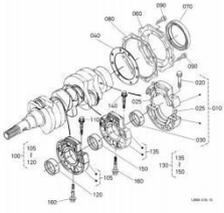
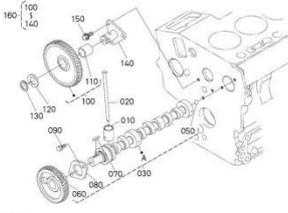
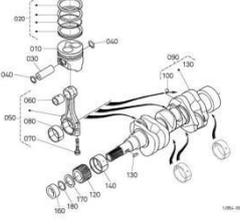
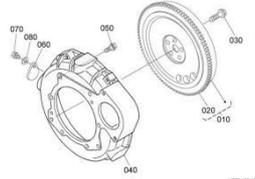
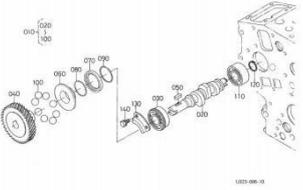
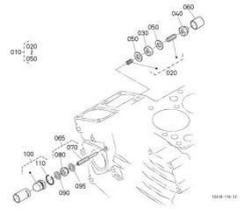
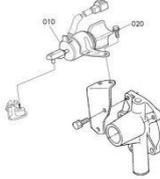
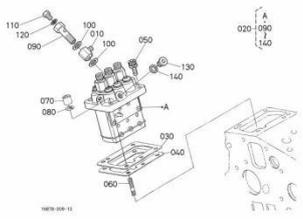
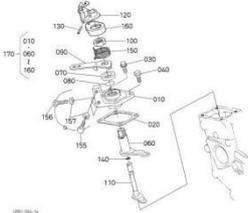
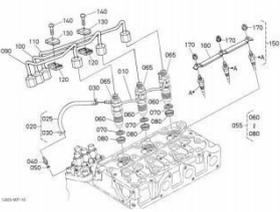
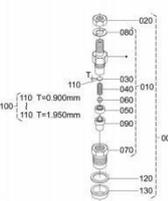
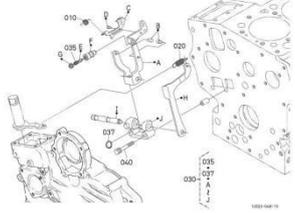
<p>Fig.No. <b>B005</b> 顶盖 HEAD COVER</p> 	<p>Fig.No. <b>B006</b> 机油滤清器 OIL FILTER</p> 	<p>Fig.No. <b>B007</b> 油量计 OIL GAUGE</p> 	<p>Fig.No. <b>B008</b> 油泵 OIL PUMP</p> 
<p>Fig.No. <b>B009</b> 主轴承箱 MAIN BEARING HOUSING</p> 	<p>Fig.No. <b>B010</b> 凸轮轴和中间齿轮轴 CAMSHAFT AND INTERMEDIATE GEAR SHAFT</p> 	<p>Fig.No. <b>B011</b> 活塞和曲柄轴 PISTON AND CRANKSHAFT</p> 	<p>Fig.No. <b>B012</b> 飞轮 FLYWHEEL</p> 
<p>Fig.No. <b>B013</b> 燃油凸轮轴和调速器轴 FUEL CAMSHAFT AND GOVERNOR SHAFT</p> 	<p>Fig.No. <b>B014</b> 怠速限制装置 FUEL IDLE LIMIT DEVICE</p> 	<p>Fig.No. <b>B015</b> 熄火电磁阀 ENGINE SHUT OFF SOLENOID VALVE</p> 	<p>Fig.No. <b>B016</b> 喷射泵 INJECTION PUMP</p> 
<p>Fig.No. <b>B017</b> 调速板 GOVERNOR PLATE</p> 	<p>Fig.No. <b>B018</b> 喷嘴座和电热塞 NOZZLE HOLDER GLOW PLUG</p> 	<p>Fig.No. <b>B019</b> 喷嘴座(分解) NOZZLE HOLDER (DISASSEMBLED)</p> 	<p>Fig.No. <b>B020</b> 叉杆(调速器) FORK LEVER (GOVERNOR)</p> 

Fig.No. B033

风扇

FAN

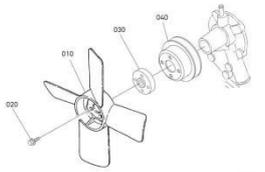


Fig.No. B034

气门和摇臂

VALVE ROCKER ARM

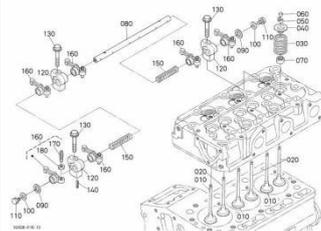


Fig.No. B035

进气歧管

INTAKE MANIFOLD

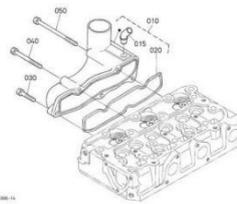


Fig.No. B036

排气歧管

EXHAUST MANIFOLD

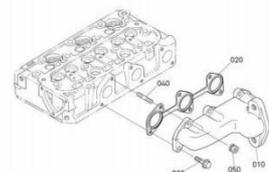


Fig.No. B021

燃油滤清器

FUEL FILTER

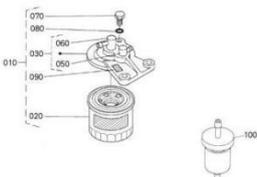


Fig.No. B022

燃油泵 (电磁式)

ELECTROMAGNETIC FUEL PUMP



Fig.No. B023

燃油泵盖

FUEL PUMP COVER

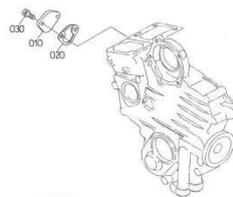


Fig.No. B024

油水分离器[组成部分]

OIL-WATER SEPARATOR

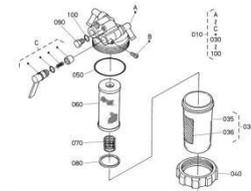


Fig.No. B025

交流发电机和皮带轮

ALTERNATOR PULLEY

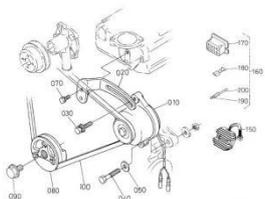


Fig.No. B026

发电机 (分解)

GENERATOR (DISASSEMBLED)

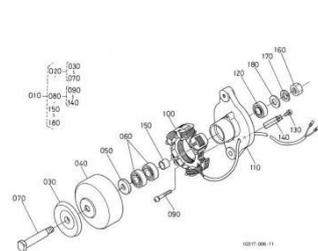


Fig.No. B027

起动机

STARTER

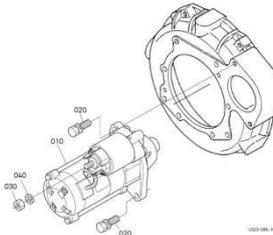


Fig.No. B028

起动机 (组成部分)

STARTER (COMPONENTS)

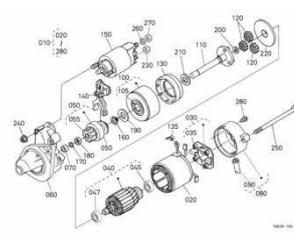


Fig.No. B029

机油开关·温度计和塞

OIL SWITCH TEMPERATURE GAUGE PLUG

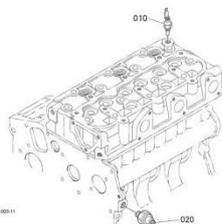


Fig.No. B030

进出水法兰和节温器

INLET AND OUTLET WATER FLANGES THERMOSTA

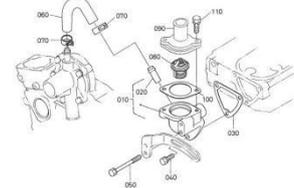


Fig.No. B031

水泵

Water Pump

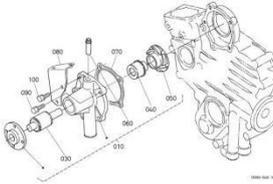
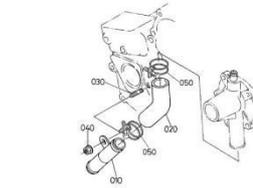
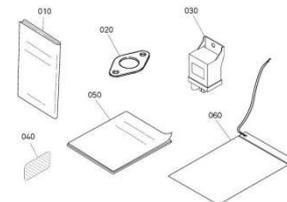
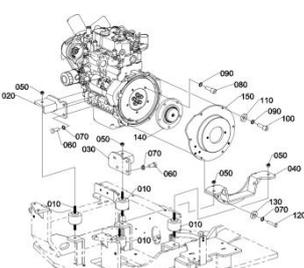


Fig.No. B032

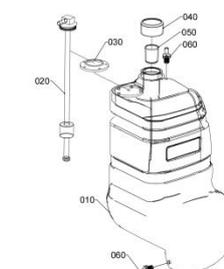
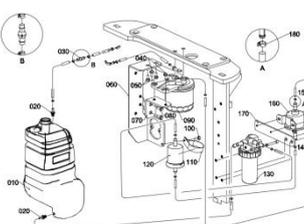
水管

WATER PIPE

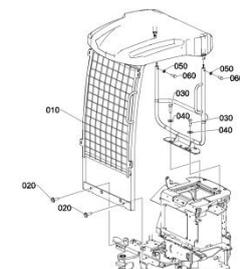
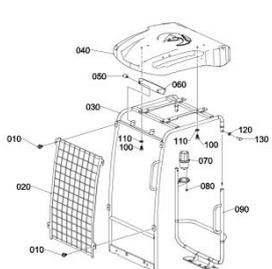


<p>Fig.No. <b>B037</b></p> <p>标签和使用说明书和附件和服务部 品</p> <p>TAGS, OPERATION MANUALS, ACCESSORIES AND SERVICE PARTS</p> 	<p>Fig.No. <b>B038</b></p> <p>发动机支座</p> <p>ENGINE MOUN</p> 		
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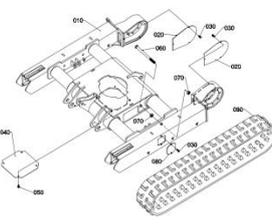
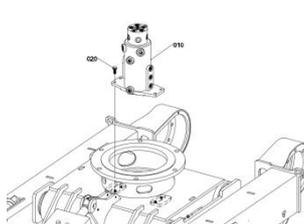
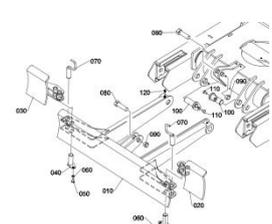
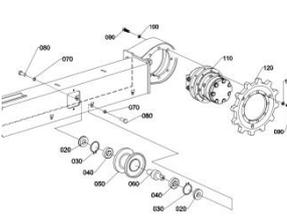
**C燃油系统**  
**FUEL SYSTEM**

<p>Fig.No. <b>C001</b></p> <p>燃油箱</p> <p>FUEL TANK</p> 	<p>Fig.No. <b>C002</b></p> <p>燃油系统</p> <p>FUEL SYSTEM</p> 		
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**D顶棚**  
**CEILING**

<p>Fig.No. <b>D001</b></p> <p>顶棚安装</p> <p>CEILING INSTALLATION</p> 	<p>Fig.No. <b>D002</b></p> <p>顶棚配件</p> <p>CEILING ACCESSORIES</p> 		
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**E下车架**  
**LOWER THE FRAME**

<p>Fig.No. <b>E001</b></p> <p>履带架</p> <p>TRACK FRAME</p> 	<p>Fig.No. <b>E002</b></p> <p>回转接头</p> <p>ROTARY JOINT</p> 	<p>Fig.No. <b>E003</b></p> <p>推土铲</p> <p>BULLDOZER BLADE</p> 	<p>Fig.No. <b>E004</b></p> <p>支重轮</p> <p>ROLLER</p> 
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**Fig.No. E005**  
 引导轮  
**IDLER WHEEL**

**F工作装置**  
**WORK DEVICE**

**Fig.No. F001**  
 工作装置（动臂）  
**WORK DEVICE (BOOM)**

**Fig.No. F002**  
 工作装置（斗杆）  
**WORK DEVICE (STICK)**

**Fig.No. F003**  
 工作装置（连摇杆和快换）  
**WORK DEVICE (CONNECTING & 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 (RETURN)**

**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**  
 液压系统(回转)  
**HYDRAULIC SYSTEM(SWIVEL)**

**Fig.No. G008**  
 液压系统(左行走)  
**HYDRAULIC SYSTEM(TRAVEL LH)**

Fig.No. G009

液压系统(右行走)

HYDRAULIC SYSTEM(TRAVEL RH)

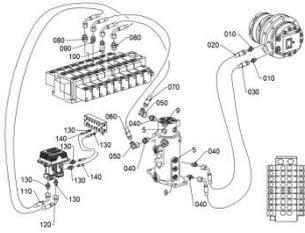


Fig.No. G010

液压系统(推土)

HYDRAULIC SYSTEM(BLADE)

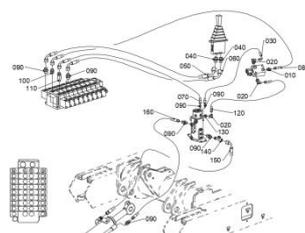


Fig.No. G011

液压系统(偏摆)

HYDRAULIC SYSTEM(SWING)

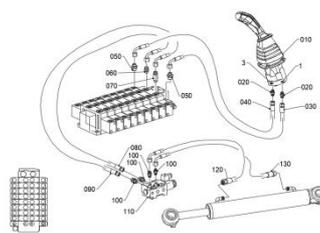


Fig.No. G012

液压系统(伸缩)

HYDRAULIC SYSTEM(TELESCOPI)

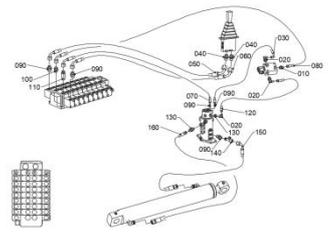


Fig.No. G013

液压系统(破碎)

HYDRAULIC SYSTEM(ADD)

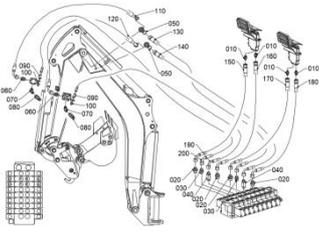
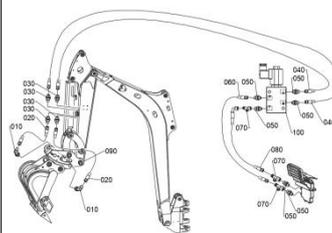


Fig.No. G014

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)

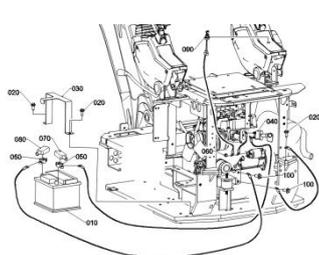


Fig.No. H002

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)

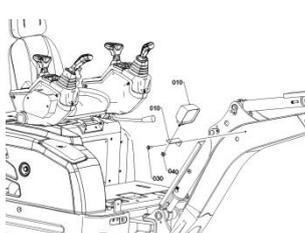


Fig.No. H004

电气系统(扶手箱)

ELECTRICAL SYSTEM (ARMREST BOX)

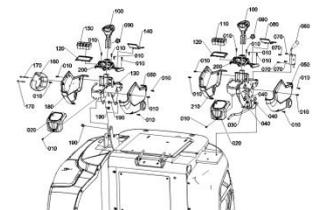
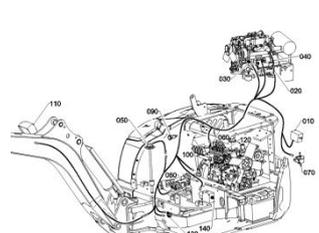


Fig.No.H005

电气系统(元件)

ELECTRICAL SYSTEM (COMPONENT)



# J操作杆

## CONTROL LEVER

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

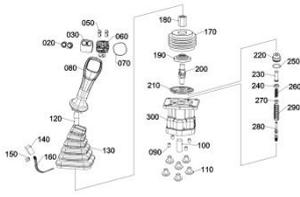


Fig.No. J002  
先导手柄(右手柄)  
CONTROL LEVER  
(LEVER RH)

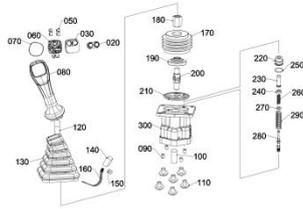


Fig.No. J003  
破碎脚踏  
BROKEN PEDAL

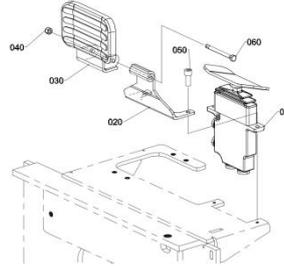
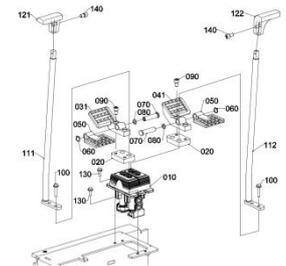


Fig.No. J004  
行走阀、杆  
WALKING VALVE, ROD



# K液压件

## HYDRAULIC COMPONENTS

Fig.No. K000  
多路阀  
SPMULTI-WAY VALVE

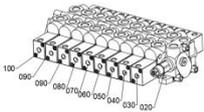


Fig.No. K001  
阀体部件(进油)  
SPOOL SECTION(OIL  
INLET)

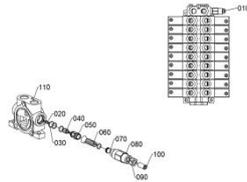


Fig.No. K002  
阀体部件(回转)  
SPOOL SECTION(SWING)

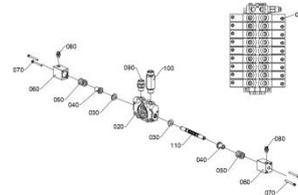


Fig.No.K003  
阀体部件(动臂)  
SPOOL SECTION(BOOM)

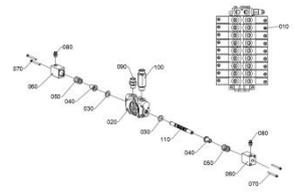


Fig.No.  
K004 阀体部件(  
挖斗)  
SPOOL SECTION(BUCKET)

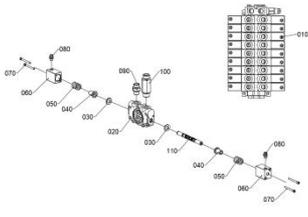


Fig.No.  
K005 阀体部件(  
斗杆)  
SPOOL SECTION(ARM)

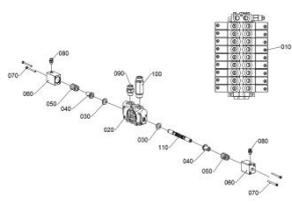


Fig.No.  
K006 阀体部件(  
右行走)  
SPOOL SECTION(DRIVE  
RH)

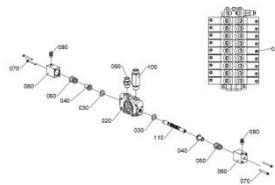


Fig.No.  
K007 阀体部件(  
左行走)  
SPOOL SECTION(DRIVE  
LH)

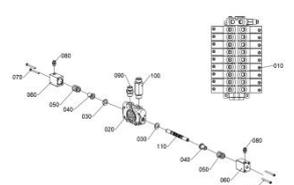


Fig.No. K008  
阀体部件(破碎)  
SPOOL  
SECTION(CRUSHING)

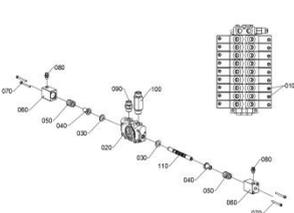


Fig.No. K009  
阀体部件(推土)  
SPOOL SECTION(BLADE)

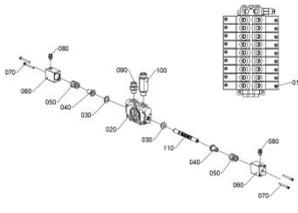


Fig.No. K010  
齿轮泵和零件

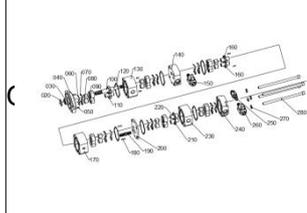


Fig.No.K011  
回转马达  
ROYTARY MOTOR

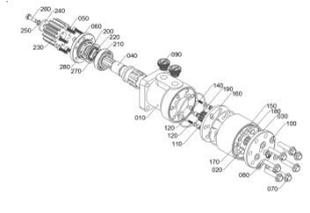
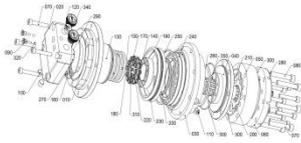


Fig.No.K012  
行走马达  
TRAVELING MOTOR



L油缸  
CYLINDER

Fig.No. L001  
油缸（动臂）  
BOOM CYLINDER

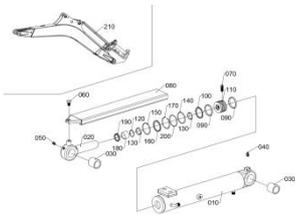


Fig.No. L002  
油缸（斗杆）  
ARM CYLINDER

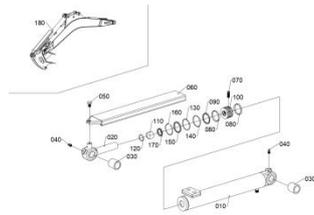


Fig.No. L003  
油缸（挖斗）  
BUCKET CYLINDER

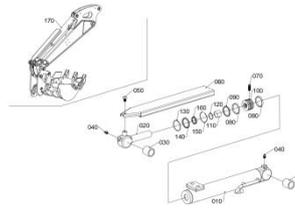


Fig.No. L004  
油缸（动臂偏摆）  
BOOM SWING CYLINDER

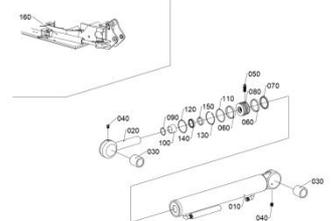


Fig.No. L005  
油缸（推土）  
BULLDOZER HYDRAULIC CYLINDER

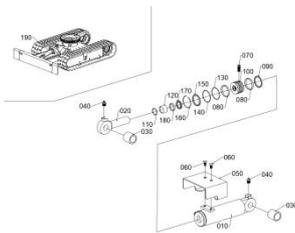
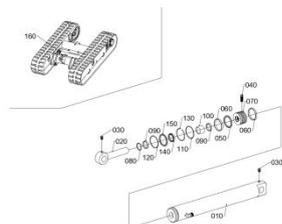


Fig.No. L006  
油缸（伸缩）  
TELESCOPIC HYDRAULIC CYLINDER



M标签  
LABELS

Fig.No. M001  
M001 标签  
LABEL

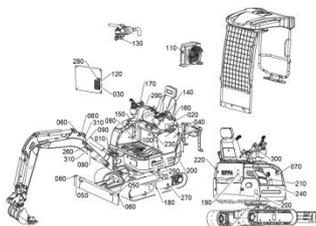
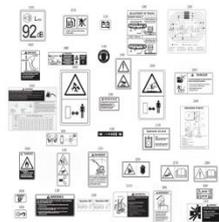
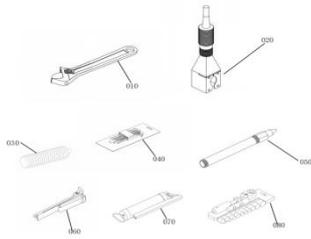


Fig.No. M002  
M002 标签  
LABEL



**N标准附件**  
**ACCESSORIES**

Fig.No.  
**N001 标准附件**  
**ACCESSORIES**



























































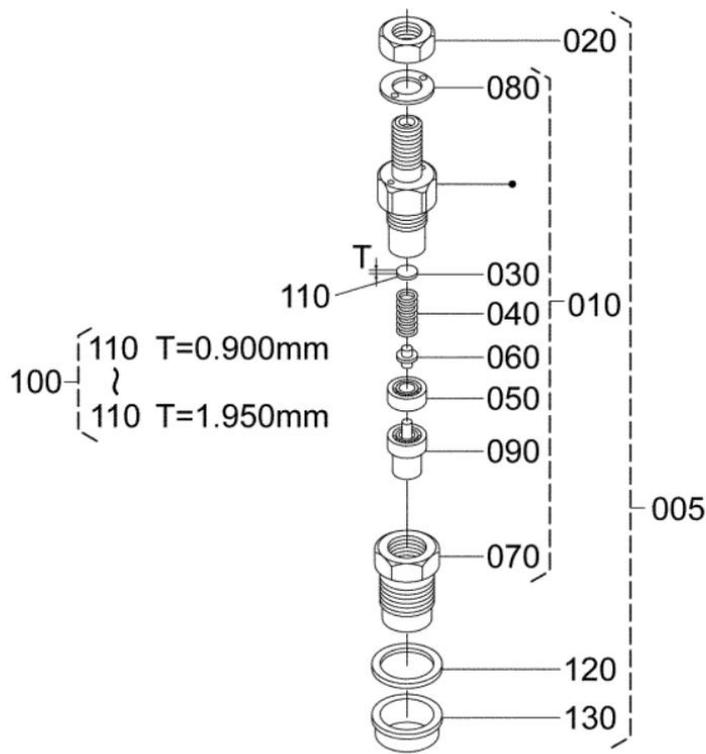




B019

喷嘴座(分解)

NOZZLE HOLDER (DISASSEMBLED)



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
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	16826-92032	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	16962-53610	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











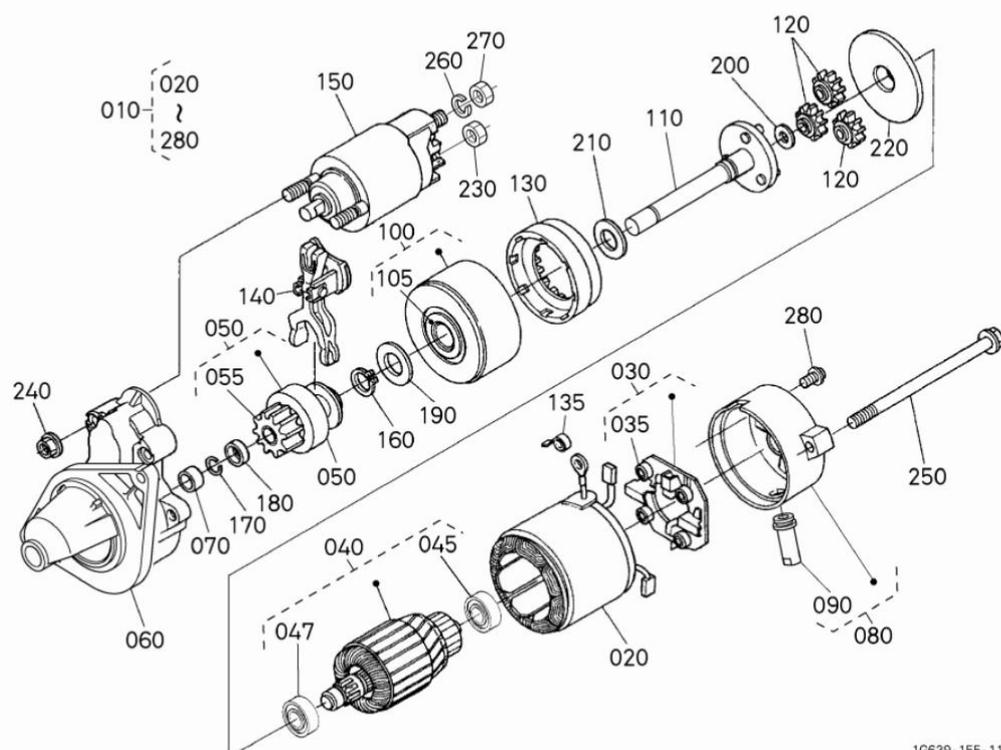








## B028

 起动器 (组成部分)  
 STARTER (COMPONENTS)


1G639-155-11

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	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	滑动壳组件	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













































































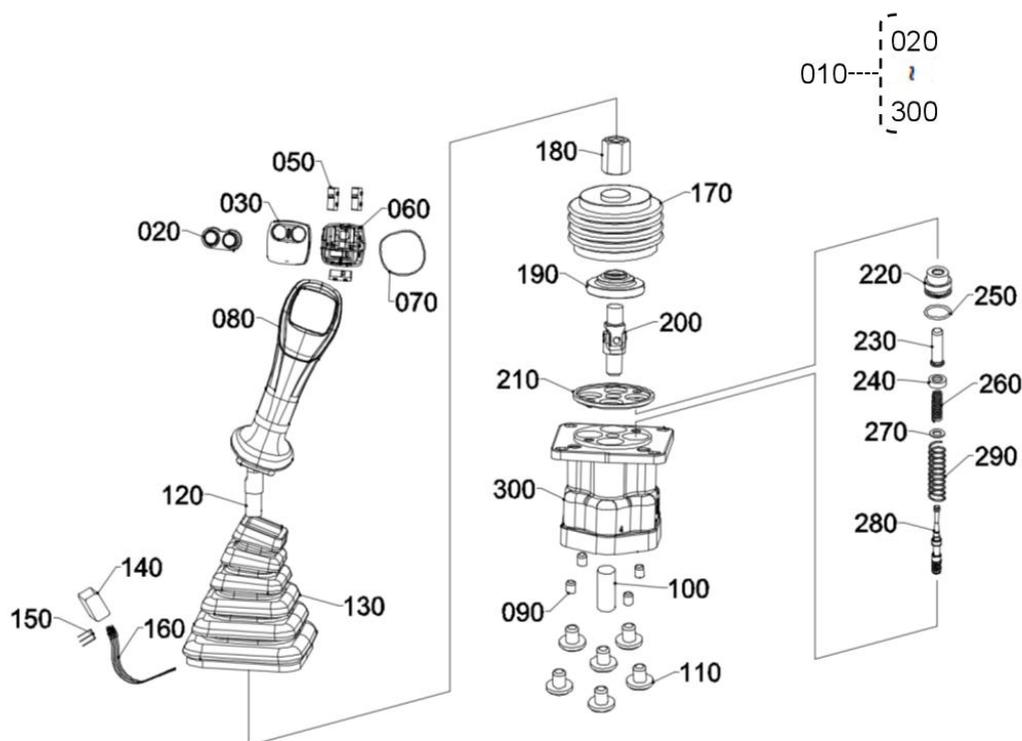






J001

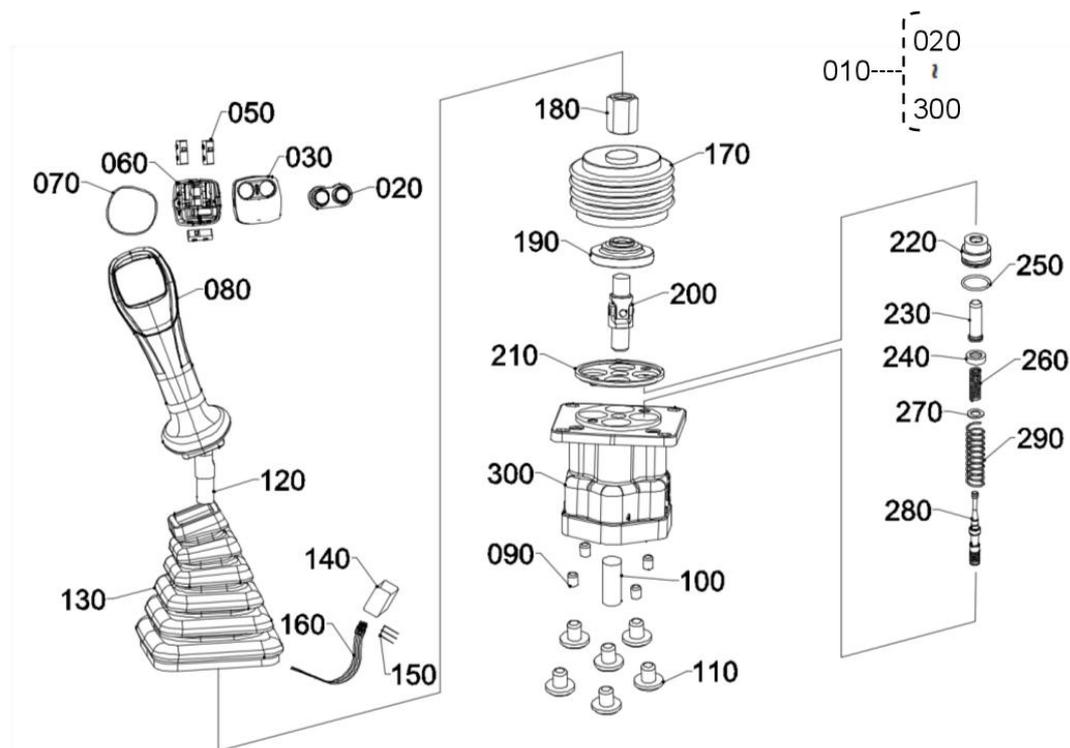
先导手柄（左手柄）  
CONTROL LEVER (LEVER LH)



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. No.	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

















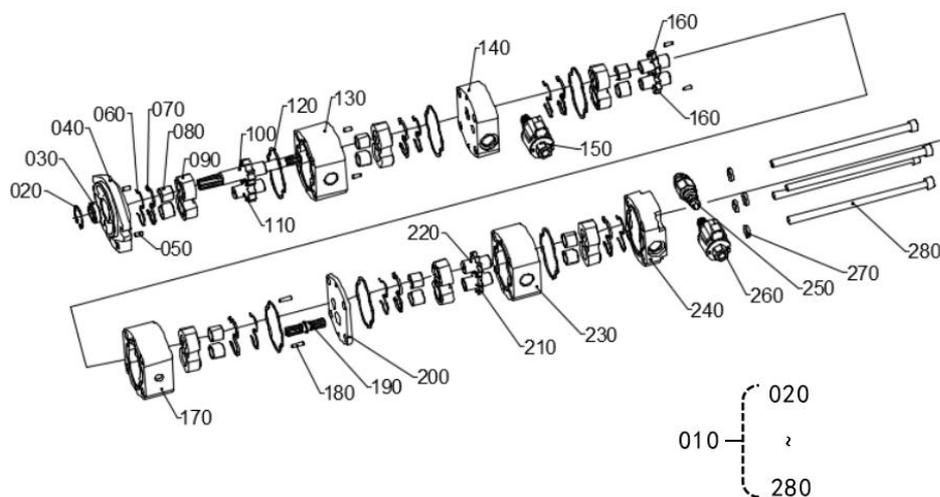








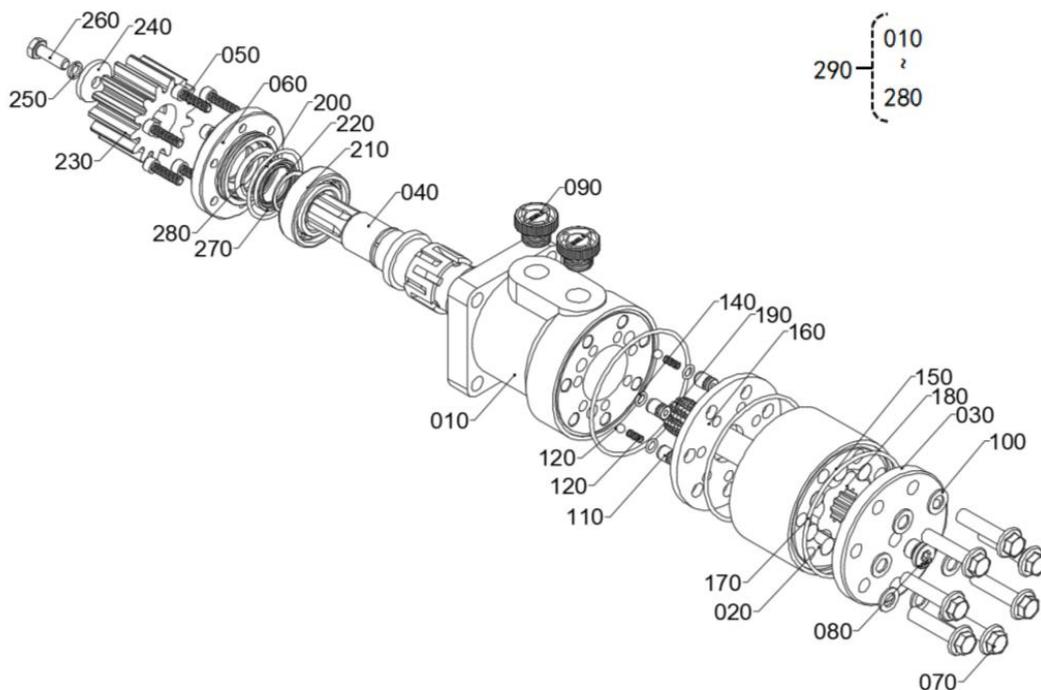
## K010

 齿轮泵和零件  
 GEAR 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.No.	互换性 I.C.	备注 REMARKS
010	LP0101010025		齿轮泵	GEAR PUMP	1		
020	LP1001010025-001	32	孔用弹性挡圈	HOLE ELASTIC R RING	1		
030	LP1001010025-002	18*30*8/10	油封	OIL SEAL	1		
040	LP1001010025-003	TX3025-825102	前盖	FRONT COVER	1		
050	LP1001010025-004	Φ5*12	圆柱销	CYLINDRICAL PIN	6		
060	LP1001010025-005	CBT-F31-105	3字挡圈	3-SHAPED RING	6		
070	LP1001010025-006	CBT-F31-106	3型垫	TYPE 3 PAD	6		
080	LP1001010025-007	18*20*20	衬套	BUSHING	12		
090	LP1001010025-008	CBT-F3-109DXP	轴套	SHAFT SLEEVE	12		
100	LP1001010025-009	TXD381-06DRHT-FHB	主动齿轮	DRIVING GEAR	1		
110	LP1001010025-010	TXD381-06ID	被动齿轮	DRIVEN GEAR	1		
120	LP1001010025-011	CBT-F31-108	矩形圈	RECTANGULAR RING	6		
130	LP1001010025-012	104G4321-G5	中间体	INTERMEDIATE BODY	1		
140	LP1001010025-013	CBT-FHL-301	阀块	VALVE BLOCK	1		
150	LP1001010025-014	TX-8001	电磁阀	SOLENOID VALVE	1		
160	LP1001010025-015	TXD381-04DRG	被动齿轮 II	DRIVEN GEAR II	2		
170	LP1001010025-016	104G43-G5	中间体	INTERMEDIATE BODY	1		
180	LP1001010025-017	Φ5*18	圆柱销	CYLINDRICAL PIN	2		
190	LP1001010025-018	TX-7001	连接轴	CONNECTING SHAFT	1		
200	LP1001010025-019	CBT-XKLJB-02	连接板	CONNECTING PLATE	1		
210	LP1001010025-020	TXD381-03DRG	被动齿轮 II	DRIVEN GEAR II	1		
220	LP1001010025-021	TXD381-03ID	被动齿轮	DRIVEN GEAR	1		
230	LP1001010025-022	TXD03-104G21	中间体	INTERMEDIATE BODY	1		
240	LP1001010025-023	CBT-FXD-308	后盖	REAR COVER	1		
250	LP1001010025-024	TX-9001	溢流阀	RELIEF VALVE	1		
260	LP1001010025-025	TX-8001	电磁阀	SOLENOID VALVE	1		
270	LP1001010025-026	M10	平垫	FLAT WASHER	4		
280	LP1001010025-027	M10*210	内六角螺栓	INTERNAL BOLT	4		

↔ 可互换；↯ 不可互换；← 以新换旧；→ 以旧换新

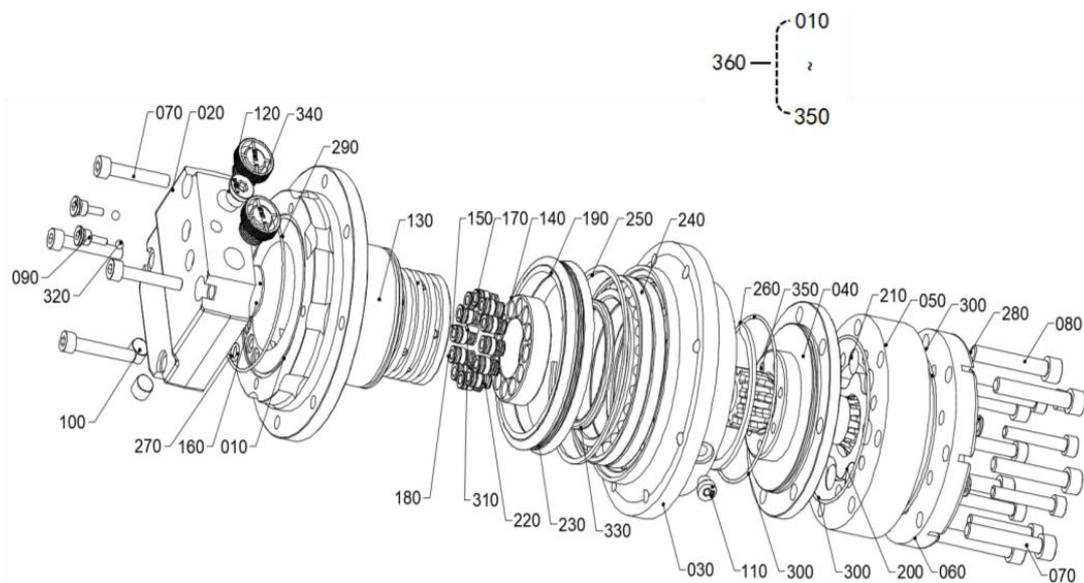
# K011 回转马达 ROYTARY MOTOR



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	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花键	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 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	LP1002020023-001	B112-15	壳体	SHELL	1		
020	LP1002020023-002	B114-05	单速阀体	VALVE BODY	1		
030	LP1002020023-003	B112-03	壳体	SHELL	1		
040	LP1002020023-004	E112-01	隔板	PARTITION	1		
050	LP1002020023-005	H112(310)	定子	STATOR	1		
060	LP1002020023-006	E112-02	后盖	BACK COVER	1		
070	LP1002020023-007	M8*50	内六角圆柱头螺钉	SCREW	7		
080	LP1002020023-008	M10*60	内六角圆柱头螺钉	SCREW	7		
090	LP1002020023-009	F112-11	螺堵	SCREW PLUG	2		
100	LP1002020023-010	G4分之1	顶丝	SET SCREW	2		
110	LP1002020023-011	G8分之1	螺堵	SCREW PLUG	1		
120	LP1002020023-012	M14*1.5	螺堵	SCREW PLUG	1		
130	LP1002020023-013	H112-02	配油盘	OIL PAN	1		
140	LP1002020023-014	H112-03	配油盘2	OIL PAN TWO	1		
150	LP1002020023-015	F112-05	活塞	PISTON	12		
160	LP1002020023-016	Y112-02	平垫	FLAT GASKET	1		
170	LP1002020023-017	K112-07	密封垫	GASKET	12		
180	LP1002020023-018	7.7*1.9	O型橡胶密封圈	O-RING	12		
190	LP1002020023-019	K112-05	浮动环	FLOATING SEAL RING	2		
200	LP1002020023-020	4061-(310)	轴承限位套	LIMIT SLEEVE	1		
210	LP1002020023-021	5056(310)	针齿	NEEDLE TOOTH	7		
220	LP1002020023-022	1.5*9*8	压缩弹簧	COMPRESSION SPRING	12		
230	LP1002020023-023	109*7	O型橡胶密封圈	O-RING	2		
240	LP1002020023-024	112	轴承	BEARING	1		
250	LP1002020023-025	N112-01	止动环	RETAINING RING	1		
260	LP1002020023-026	N112-02	止动环	RETAINING RING	1		
270	LP1002020023-027	8*2	O型橡胶密封圈	O-RING	4		
280	LP1002020023-028	8*1.6	平垫圈	FLAT WASHER	7		
290	LP1002020023-029	99.5*1.9	O型橡胶密封圈	O-RING	1		
300	LP1002020023-030	104*2	O型橡胶密封圈	O-RING	3		

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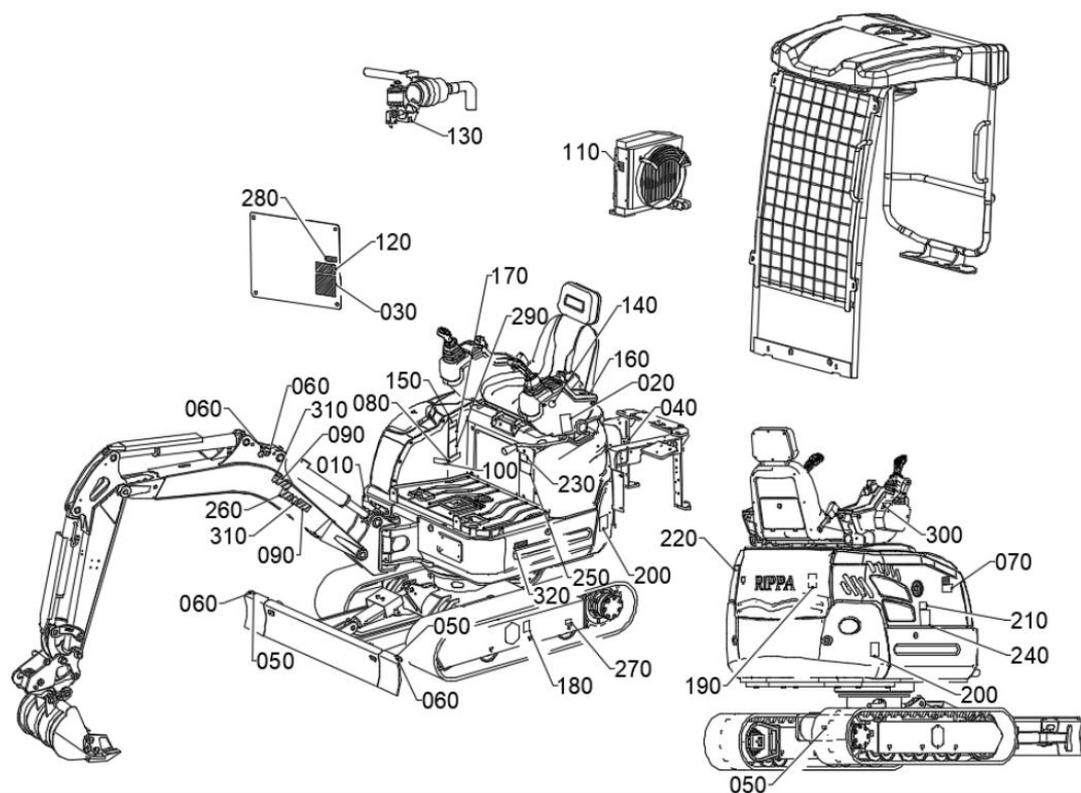








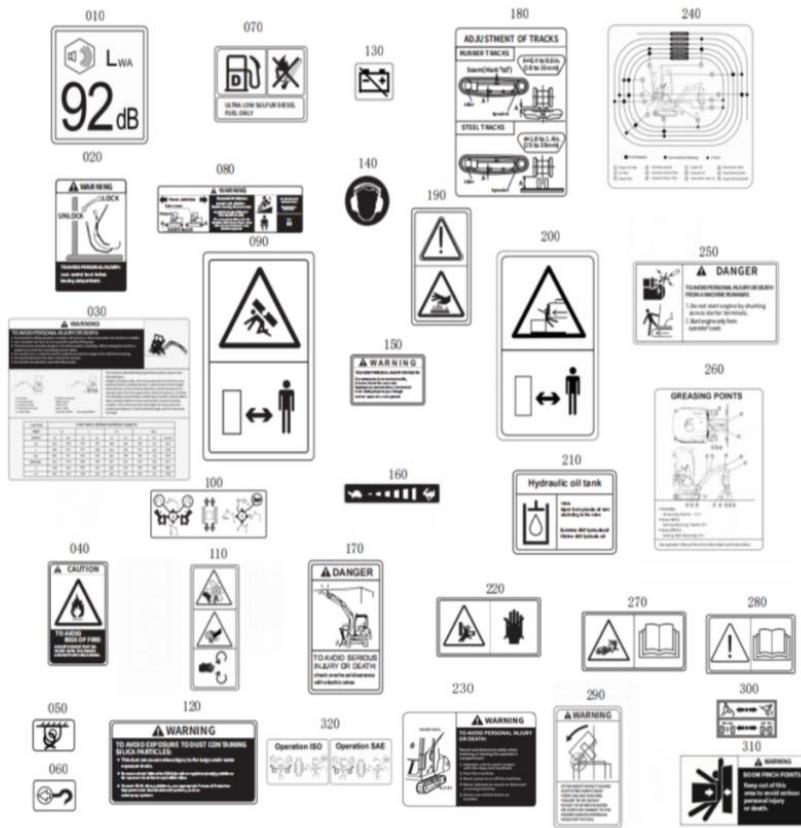
## M001

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	LP0116012002		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	LP0116011975		注意标签	LABEL, CAUTION	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	LP0116012007		标签	LABEL	1		
250	LP0116011980		注意标签	LABEL, CAUTION	1		
260	LP0116012006		注意标签	LABEL, CAUTION	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		

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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	LP0116011957		标签	LABEL	1		
020	LP0116011958		安全锁标签	SAFETY LOCK LABELS	1		
030	LP0116012002		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	LP0116011975		注意标签	LABEL, CAUTION	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	LP0116012007		标签	LABEL	1		
250	LP0116011980		注意标签	LABEL, CAUTION	1		
260	LP0116012006		注意标签	LABEL, CAUTION	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		

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