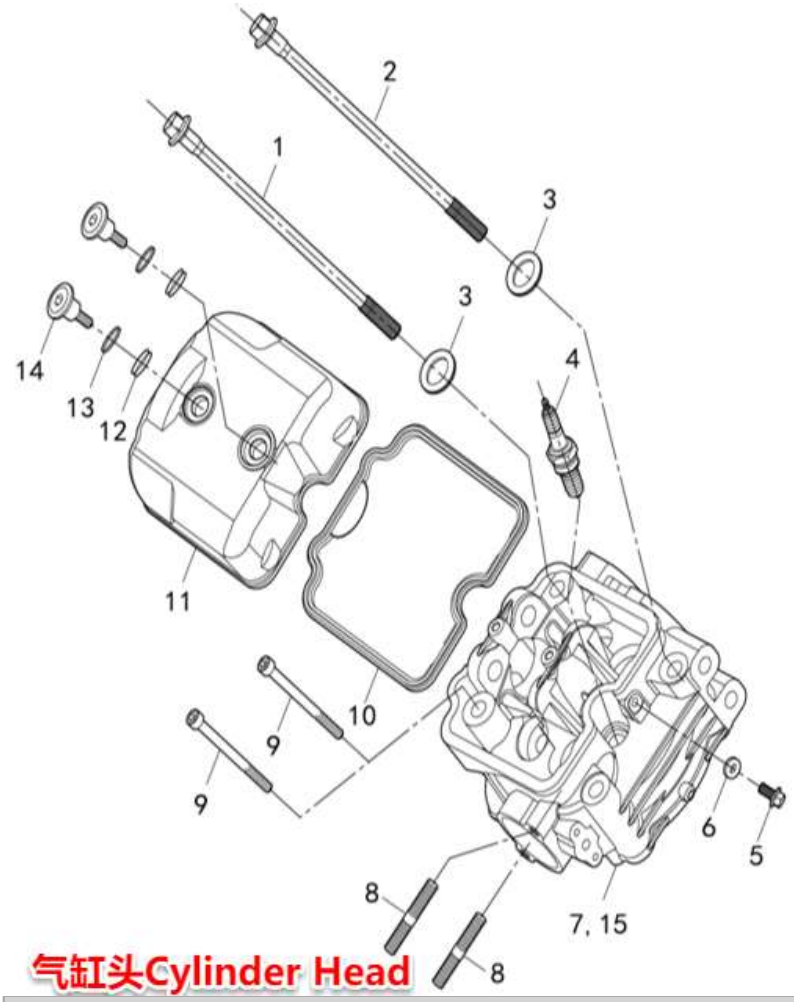
**环松1000cc发动机**

---

## 目录：

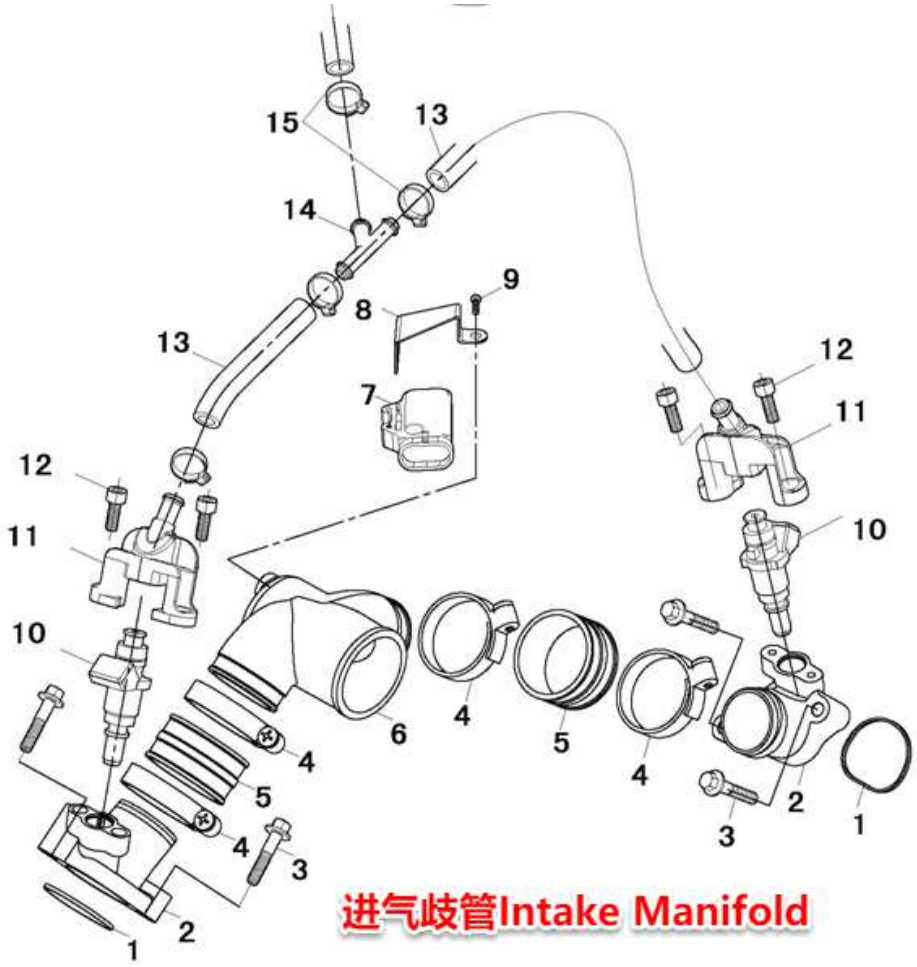

1. 气缸头Cylinder Head
2. 进气歧管Intake Manifold
   节气阀部件Throttle Body Assy
3. 气门Valve Train
4. 气缸体Cylinder
5. 凸轮轴Camshaft
6. 活塞连杆Crankshaft Piston
7. 右曲轴箱体、机油泵Right Crankcase & Oil Pump Assy
8. 右曲轴箱盖 Right Crankcase
9. 左曲轴箱体、水泵Left Crankcase & Water Pump
10. 左曲轴箱盖、磁电机 Left Crankcase Cover & Magnetor
11. 曲轴箱组合Crankcase Assy
12. Y轴传动系 Shaft Y Transmissions
13. 齿轮箱传动 Gear Box Transmission
14. 齿轮箱体Gear Box
15. 离合器Clutch
16. 换档凸轮,拨叉Shiftcam & Fork
17. 冷却水管 Cooling Water Pipe


气缸头Cylinder Head

## 气缸头Cylinder Head

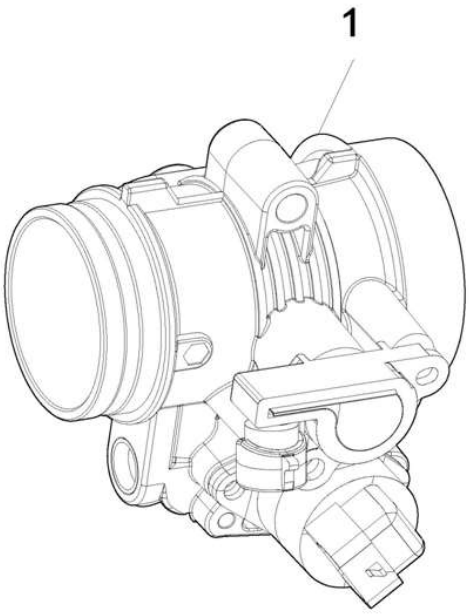
| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 0 | P012000122000100 | 气缸头总成(1缸) | 1 | Cylinder Head Assembly Cylinder (1) |
| | P012000122000200 | 气缸头总成(2缸) | 1 | Cylinder Head Assembly Cylinder (2) |
| 1 | P012000110120000 | 气缸螺栓 M10×1.25×165 | 4 | Cylinder bolts M10×1.25×165 |
| 2 | P012000110180000 | 气缸螺栓 M10×1.25×195 | 4 | Cylinder bolts M10×1.25×195 |
| 3 | PJ00000906020500 | 铜垫圈10×18×3 | 8 | Copper Washer 10×18×3 |
| 4 | P010000333000000 | 火花塞(NGK DCPR7E) | 2 | Spark Plug NGK DCPR7E |
| 5 | BGB5787-M6×12 | 六角法兰面螺栓M6×12 | 2 | Hexagon flange bolts M6×12 |
| 6 | PJ00000906010100 | 铝垫圈6×12×1.5 | 2 | Aluminum Washer 6×12×1.5 |
| 7 | P0120001220A0200 | 气缸头组合（二缸） | 1 | Cylinder Head assy Cylinder (2) |
| 8 | BGB901-M8×45-B | 双头螺柱M8×45（不锈钢） | 4 | Stud M8×45(SUS) |
| 9 | BGB70-M6×100 | 内六角圆柱头螺钉 M6×100 | 4 | Hexagon socket head cap screws M6×100 |
| 10 | P010000123120000 | 缸头盖密封圈 1PK-N769C-4 | 2 | Seal 1PK-N769C-4 |
| 11 | P010000123110000 | 气缸头盖 | 2 | Cover,Cylinder Head |
| 12 | PJ00000906010900 | 铝垫圈14×22×1.5 | 4 | Aluminum Washer 14×22×1.5 |
| 13 | P010000123250000 | 气缸头盖螺栓密封垫 | 4 | Gasket,Cylinder Head Cover Bolts |
| 14 | P010000123260000 | 气缸头盖螺栓M6×25 | 4 | Bolts M6×25 |
| 15 | P0120001220A0100 | 气缸头组合（一缸） | 1 | Cylinder Head assy Cylinder (1) |



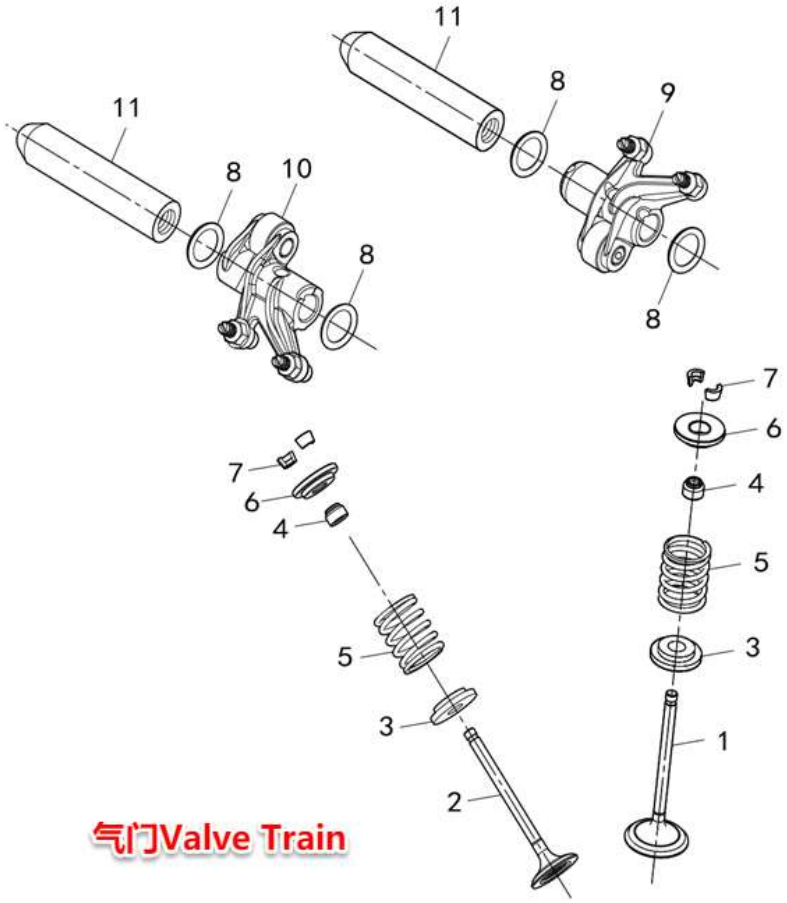

## 进气歧管Intake Manifold

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000124050000 | 进气管密封圈 1PK-N862C-4 | 2 | Seal,intake-tube 1PK-N862C-4 |
| 2 | P0120001241A0000 | 进气管组合 | 2 | Intake-tube Assy |
| 3 | BGB5787-M8×40 | 六角法兰面螺栓M8×40 | 4 | Hexagon flange bolts M8×40 |
| 4 | PJ00000907300700 | 螺钉锁紧抱箍H ø40～ø60 | 4 | Hose Clamp Assy ø40～ø60 |
| 5 | P012000124010000 | 进气管接头 | 1 | Intake-tube joint |
| 6 | P0120001241A0100 | 三通进气管组合 | 1 | Three-way Pipe Joint |
| 7 | P010000391500000 | 进气温度/压力传感器（28086011） | 1 | Temperature/Pressure Sensor |
| 8 | P010000167010000 | TMAP压板 | 1 | Press Plate,TEMP |
| 9 | BGB818-M4×8 | 十字槽盘头螺钉M4×8 | 1 | Cross recessed Pan head screws M4×8 |
| 10 | P012000165300000 | 喷油器（25384016） | 2 | Fuel Injector（25384016） |
| 11 | P010000164300000 | 喷油器固定座 | 2 | Permanent Seat Ⅱ,Fuel Injector |
| 12 | BGB70-M6×20 | 内六角圆柱头螺钉 M6×20 | 4 | Hexagon socket head cap screws M6×20 |

| | | | | |
|---|---|---|---|---|
| 13 | P010000165110000 | 燃油管ø8×ø14×80 | 2 | Fuel Pipe ø8×ø14×80 |
| 14 | P010000165210000 | 三通管(铜) | 1 | Three-way Pipe |
| 15 | PJ00000907200000 | 压紧抱箍A ø14.8 | 4 | Clamp ø14.8 |

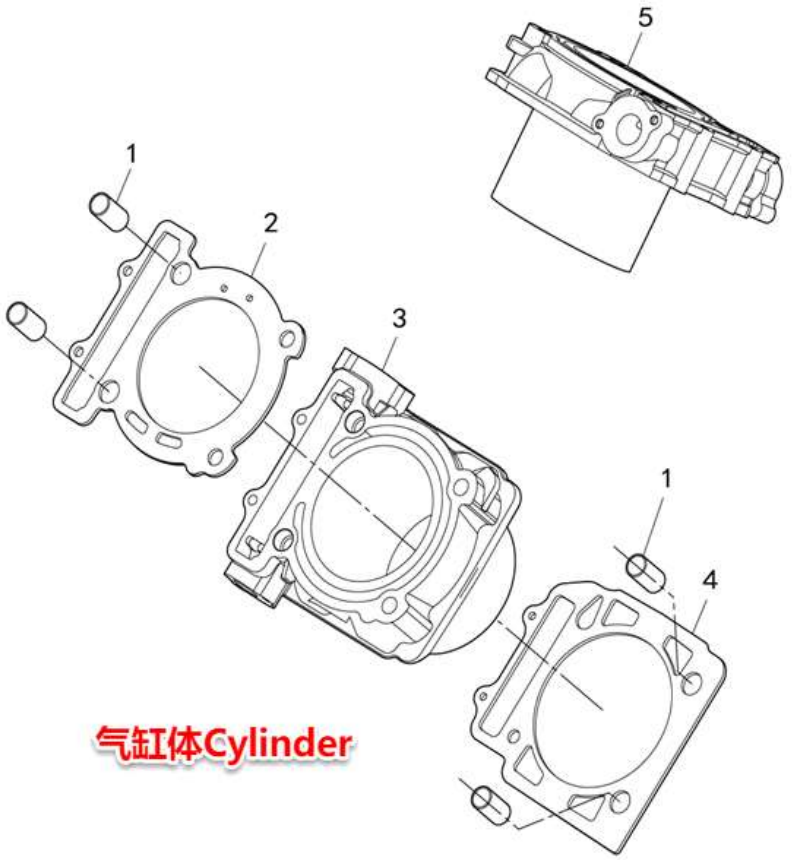



| 节气阀部件Throttle Body Assy | | | | |
|---|---|---|---|---|
| **序号** | **编号** | **中文名称** | **数量** | **Part Name And Standard** |
| 1 | P012000164000000 | 节气阀部件（D54A） | 1 | Throttle Body Assy（D54A） |




| 气门Valve Train |
|---|

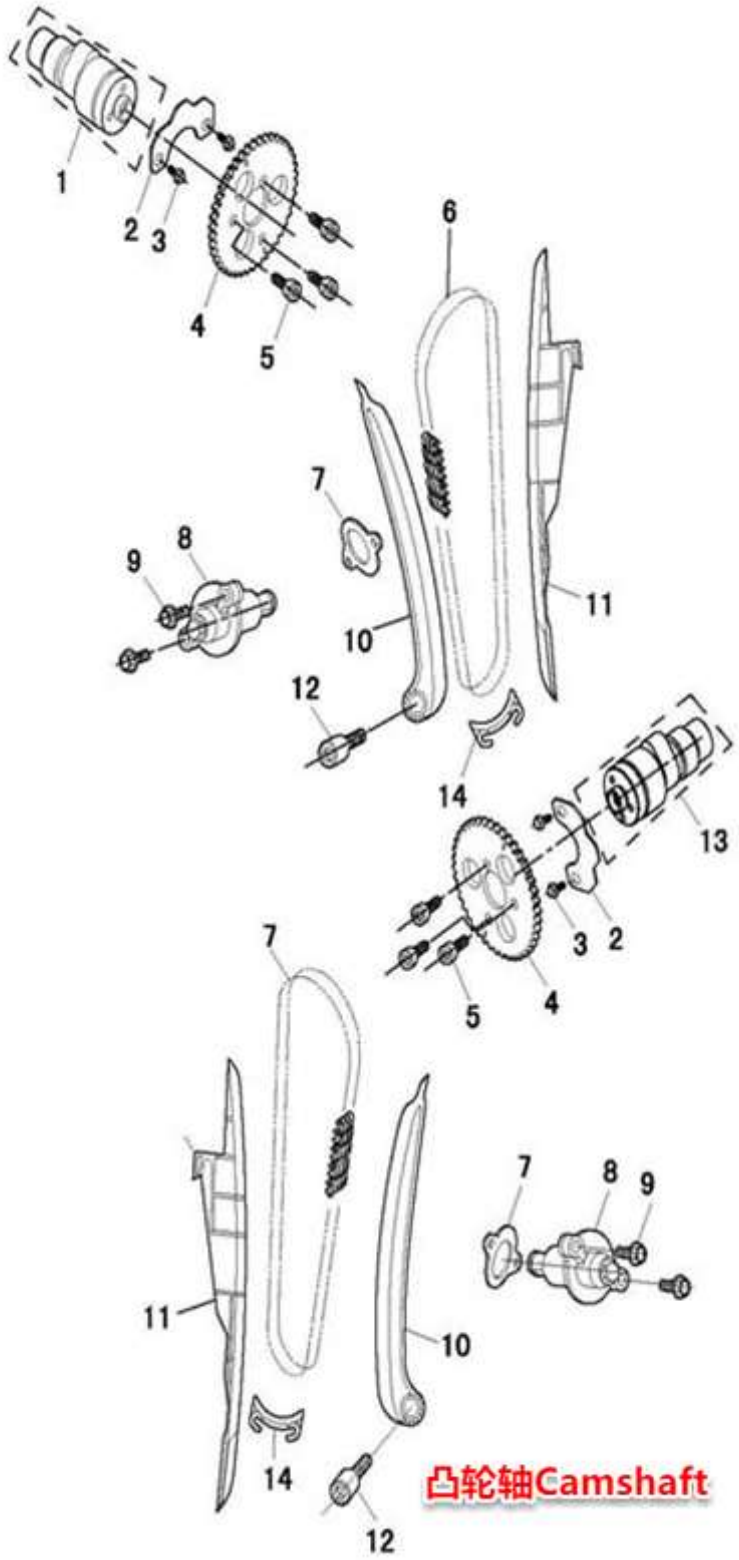
| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000147110000 | 进气门 | 4 | Intake Valve |
| 2 | P010000147210000 | 排气门 | 4 | Exhaust Valve |
| 3 | P010000147020000 | 气门弹簧垫圈 | 8 | Valve Spring Washer |
| 4 | P010000147050000 | 挡油罩组件 | 8 | Valve Stem Seal |
| 5 | P010000147030000 | 气门弹簧 | 8 | Spring,Valve |
| 6 | P010000147070000 | 气门弹簧座 | 8 | Retainer,Valve Spring |
| 7 | P010000147130000 | 气门锁夹 | 16 | Valve Lock Clamp |
| 8 | PJ00000906004100 | 垫圈12.5×17×0.5 | 8 | Washer 12.5×17×0.5 |
| 9 | P0100001441A0000 | 进气摇臂组合 | 2 | Intake Valve Rocker |
| 10 | P0100001442A0000 | 排气摇臂组合 | 2 | Exhaust Valve Rocker |
| 11 | P010000144030000 | 摇臂轴 | 4 | Valve Rockershaft |




**气缸体Cylinder**

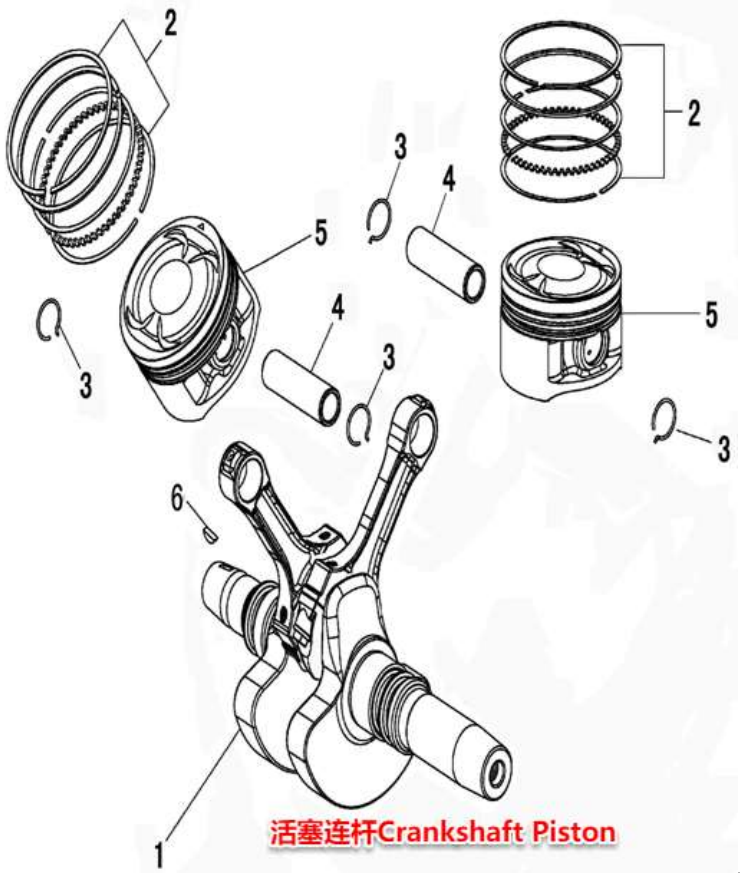
| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | PJ00000908020600 | 定位销14×16 | 8 | Pin,Dowel 14×16 |
| 2 | P0100001207A0100 | 气缸头密封垫 | 2 | Gasket,Cylinder Head |
| 3 | P0120001211A0200 | 气缸组合Ⅱ | 1 | Cylinder Body assy Cylinder (2) |
| 4 | P010000120090000 | 气缸体密封垫 | 2 | Sgasket,Cylinder Body |

| | | | | |
|---|---|---|---|---|
| 5 | P0120001211A0100 | 气缸组合Ⅰ | 1 | Cylinder Body assy Cylinder (1) |




| 凸轮轴Camshaft | | | | |
|---|---|---|---|---|
| **序号** | **编号** | **中文名称** | **数量** | **Part Name And Standard** |
| 1 | P012000142120000 | 凸轮轴Ⅱ | 1 | Camshaft Ⅱ |
| 2 | P010000143060000 | 凸轮轴限位板 | 2 | Camshaft Limiting Plate |
| 3 | BGB5787-M6×12 | 六角法兰面螺栓 M6×12 | 4 | Hexagon flange bolts M6×12 |
| 4 | P012000143040000 | 正时从动链轮 | 2 | Timing Driven Sprocket |

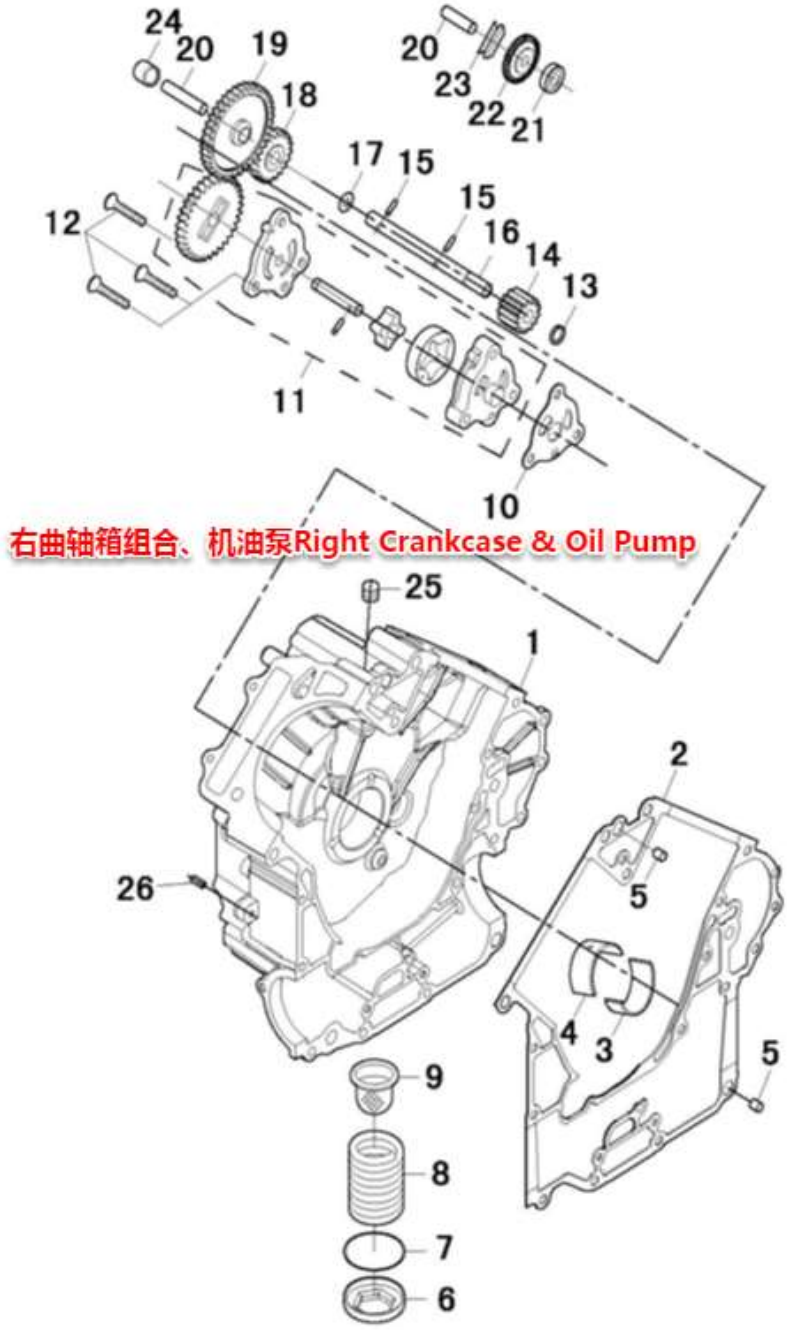
| | | | | |
|---|---|---|---|---|
| 5 | BGB70-M6×16-10.9-F | 内六角圆柱头螺钉 M6×16 | 6 | Hexagon socket head cap screws M6×16-10.9 |
| 6 | P012000143020000 | 正时链条M7-6.35-118 | 2 | Timing Chain M7-6.35-118 |
| 7 | P012000145080000 | 张紧器密封垫 | 2 | Gasket,Tensioner |
| 8 | P012000145300000 | 张紧器组合 | 2 | Tensioner |
| 9 | BGB5787-M6×25 | 六角法兰面螺栓 M6×25 | 4 | Hexagon flange bolts M6×25 |
| 10 | P0100001451B0000 | 链条张紧板 | 2 | Tensioner Plate |
| 11 | P0100001452B0000 | 链条导向板 | 2 | Guide Plate |
| 12 | P010000145010000 | 张紧板螺栓M6×12 | 2 | Tensioner bolts M6×12 |
| 13 | P012000142110000 | 凸轮轴Ⅰ | 1 | Camshaft Ⅰ |
| 14 | P010000145070000 | 链条挡板 | 2 | Chain Plate |




## 活塞连杆Crankshaft Piston

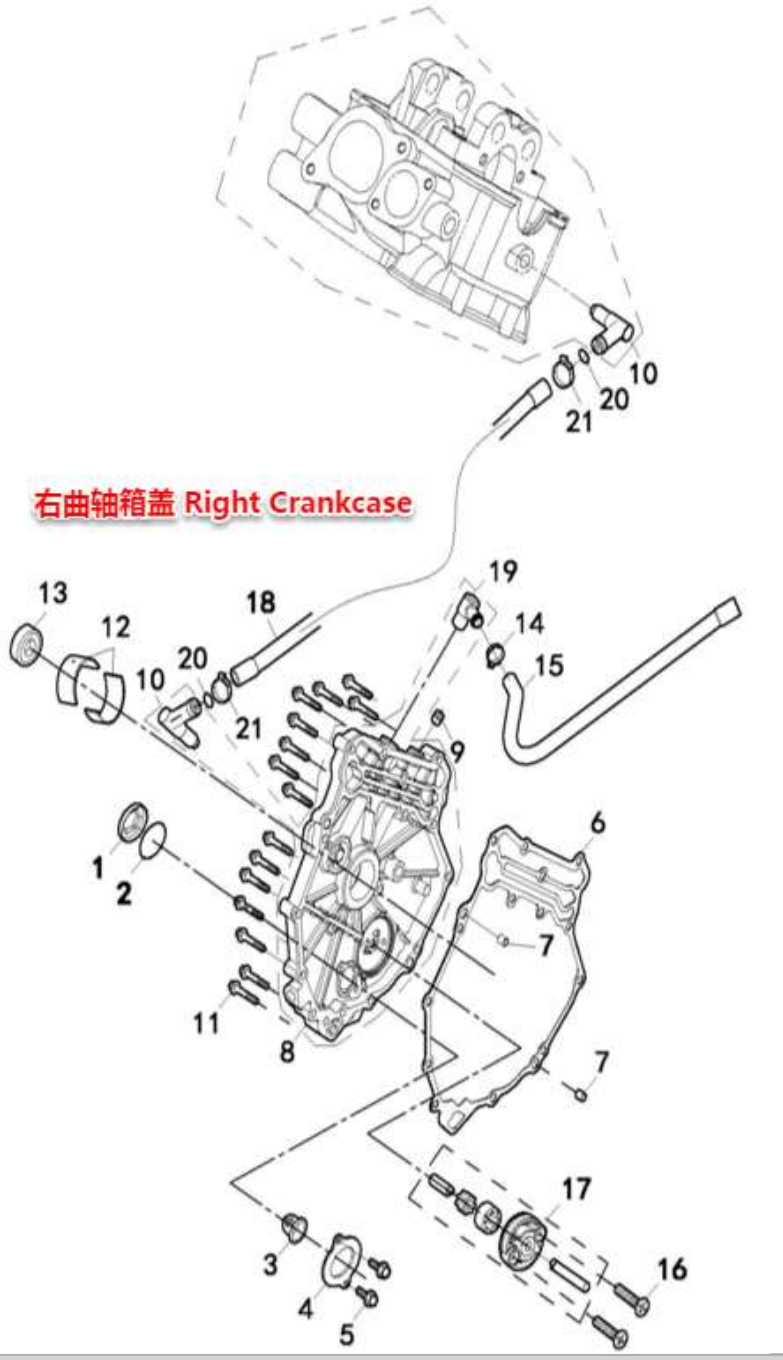
| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P012000134000000 | 曲轴连杆部件 | 1 | Crankshaft Assy |
| 2 | P0120001311A0000 | 活塞环组件 | 2 | Piston Ring Set |
| 3 | P007000131070000 | 活塞销挡圈 | 4 | Circlip,Piston Pin |
| 4 | P012000131020000 | 活塞销 | 2 | Piston Pin |

| | | | | |
|---|---|---|---|---|
| 5 | P012000131010000 | 活塞 | 2 | Piston |
| 6 | P010000130010000 | 半圆键 | 1 | Key |




| 右曲轴箱组合、机油泵Right Crankcase & Oil Pump Assy | | | | |
|---|---|---|---|---|
| **序号** | **编号** | **中文名称** | **数量** | **Part Name And Standard** |
| 1 | P0120001110A0000 | 右曲轴箱组合 | 1 | Right Crankcase Assy |
| 2 | P012000110190000 | 曲轴箱密封垫 | 1 | Gasket,Crankcase |
| 3 | P010000134010000 | 曲轴轴瓦RB9173KU | 2 | Crankshaft Bearing RB9173KU |
| 4 | P010000134020000 | 曲轴轴瓦RB9173KL | 2 | Crankshaft Bearing RB9173KL |
| 5 | PJ00000908020300 | 定位销10×16 | 2 | Pin,Dowel 10×16 |
| 6 | P002000111070000 | 放油螺盖 | 1 | Blind Nut,Oil Drainage |
| 7 | PJ00000912014700 | O形密封圈36×3.5 | 1 | O-Ring 36×3.5 |

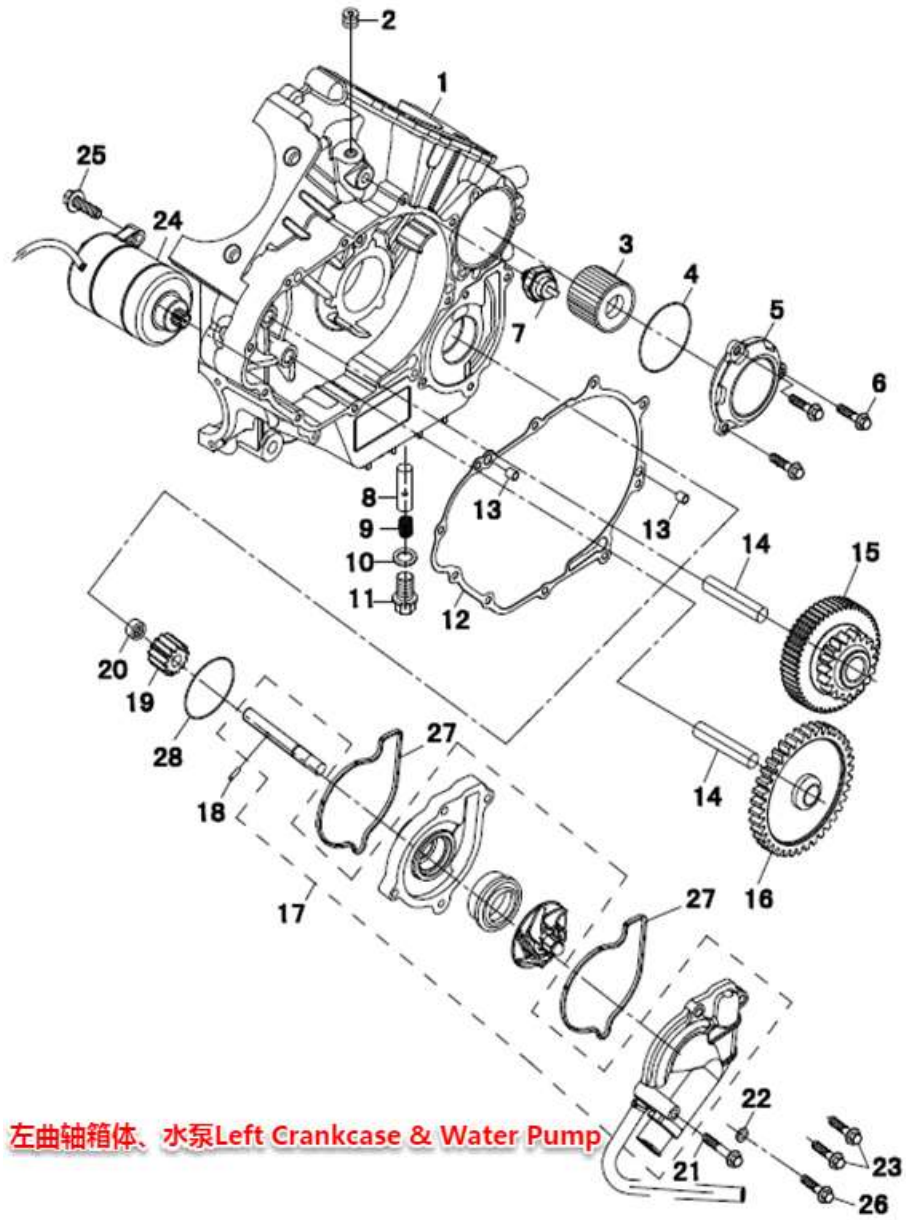
| | | | | |
|---|---|---|---|---|
| 8 | P002000152040000 | 滤网弹簧 | 1 | Filter Spring |
| 9 | P002000152030000 | 机油过滤网 | 1 | Oil Filter Strainer |
| 10 | P010000151010000 | 机油泵密封垫 | 1 | Gasket,Oil Pump |
| 11 | P010000151100000 | 油泵组合 | 1 | Oil Pump Assy |
| 12 | BGB819.1-M6×30 | 十字槽沉头螺钉M6×30 | 3 | Cross recessed countersunk head screw M6×30 |
| 13 | BGB894.1-10 | 轴用弹性挡圈ø10 | 1 | Circlip for shaft ø10 |
| 14 | P010000197090000 | 水泵从动齿轮 | 1 | Water pump driven gear |
| 15 | PJ00000908010800 | 圆柱销ø4×21 | 2 | Pin ø4×21 |
| 16 | P010000197070001 | 水泵轴Ⅰ | 1 | Water Pump ShaftⅠ |
| 17 | PJ00000906001300 | 垫圈10.3×17×1 | 1 | Washer 10.3×17×1 |
| 18 | P010000197080000 | 水泵主动齿轮 | 1 | Water Pump driving gear |
| 19 | P010000150020000 | 油泵中间齿轮 | 1 | Oil Pump Middle Gear |
| 20 | P010000245040000 | 双联齿轮轴ø10×50 | 2 | Duplicate Gear Shaft ø10×50 |
| 21 | BGB276-6200RS | 轴承6200RS | 1 | Bearing 6200RS |
| 22 | P010000153080000 | 油气分离器组合 | 1 | Oil Separator |
| 23 | P010000153090000 | V形密封圈 1PK-VS-0020C-A-4 | 1 | Seal 1PK-VS-0020C-A-4 |
| 24 | P010000110350000 | 衬套ø10×ø20×11 | 1 | Bushing ø10×ø20×11 |
| 25 | PJ00000904060200 | 内六角螺塞NPT1/8 | 1 | Screw Plug NPT1/8 |
| 26 | PJ00000908010100 | 圆柱销ø6×12 | 1 | Pin ø6×12 |




## 右曲轴箱盖 Right Crankcase

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P007000123020000 | 排气门盖 | 1 | Cover,Exhaust Valve |
| 2 | PJ00000912014200 | O形密封圈32.7×3.1 | 1 | O-Ring 32.7×3.1 |
| 3 | P010000152030000 | 机油过滤网 | 1 | Oil Filter Strainer |
| 4 | P024000224120000 | 主动链轮压板 | 1 | Holder,Drive sprocket |
| 5 | BGB5787-M6×12 | 六角法兰面螺栓M6×12 | 2 | Hexagon flange bolts M6×12 |
| 6 | P010000110170000 | 右曲轴箱盖密封垫 | 1 | Gasket,Right Crankcase Cover |
| 7 | PJ00000908020100 | 定位销8×12 | 2 | Pin,Dowel 8×12 |
| 8 | P0100001131A0000 | 右曲轴箱盖组合 | 1 | Right Crankcase Cover Assy |
| | | | | |

| | | | | |
|---|---|---|---|---|
| 9 | P010000112050000 | 曲轴箱油道堵头 M10×1.25×12 | 1 | Oil Plug M10×1.25×12,Crankcase |
| 10 | P010000111050000 | 油管接头 | 2 | Oil Pipe Joint |
| 11 | BGB5787-M6×30 | 六角法兰面螺栓M6×30 | 15 | Hexagon flange bolts M6×30 |
| 12 | P010000134030000 | 右盖轴瓦MB9340KS | 2 | Crankcase Cover Bearing MB9340KS |
| 13 | PJ00000911013300 | 油封34×52×7 | 1 | Oil Seal 34×52×7 |
| 14 | PJ00000907100600 | 弹性抱箍G ø14 | 1 | Spring Clamp G ø14 |
| 15 | P010000110260000 | 废气管 | 1 | Exhaust Pipe |
| 16 | BGB819.1-M6×30 | 十字槽沉头螺钉M6×30 | 2 | Cross recessed countersunk head screw M6×30 |
| 17 | P010000151100100 | 油泵组合 | 1 | Oil Pump Assy |
| 18 | P010D00153071750 | 橡胶油管1750 | 1 | Rubber Oil Pipe 1750 |
| 19 | P010000112040000 | 通气管接头 | 1 | Joint,Breathing Pipe |
| 20 | PJ00000912010200 | O形密封圈6×2 | 2 | O-Ring 6×2 |
| 21 | PJ00000907300000 | 螺钉锁紧抱箍A ø12～ø20 | 2 | Hose Clamp Assy ø12～ø20 |

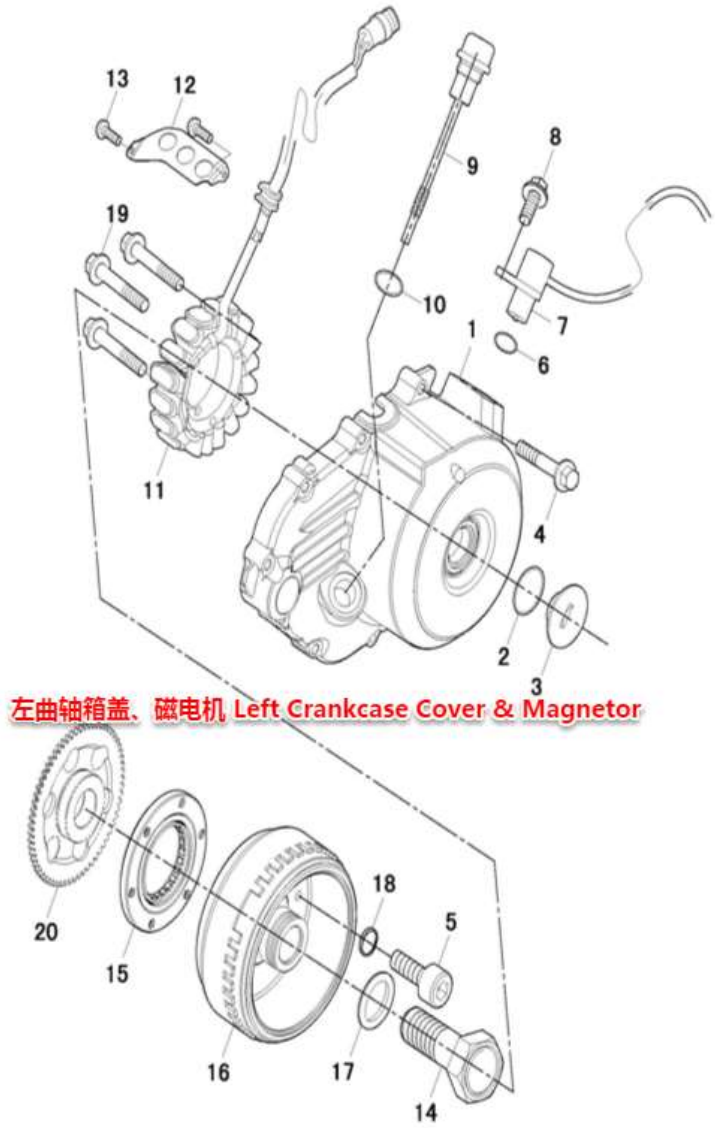


左曲轴箱体、水泵Left Crankcase & Water Pump

## 左曲轴箱体、水泵Left Crankcase & Water Pump

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P0120001120A0000 | 左曲轴箱组合 | 1 | Left Crankcase Assy |
| 2 | PJ00000904060200 | 内六角螺塞NPT1/8 | 1 | Screw Plug NPT1/8 |
| 3 | P0100001521A0000 | 机油滤清器组合 | 1 | Oil Filter |
| 4 | PJ00000912016400 | O形密封圈61.5×2.4 | 1 | O-Ring 61.5×2.4 |
| 5 | P010000152050000 | 机油滤清器盖 | 1 | Oil Filter Cover |
| 6 | BGB5787-M6×20 | 六角法兰面螺栓M6×20 | 3 | Hexagon flange bolts M6×20 |
| 7 | P010000365600000 | 油压传感器 | 1 | Oil Pressure Sensor |
| 8 | P010000153100000 | 泄压柱塞 | 1 | Pressure Relief Plunger |
| 9 | P003000152070000 | 弹簧ø8×ø1×32.5 | 1 | Spring ø8×ø1×32.5 |
| 10 | PJ00000906010600 | 铝垫圈12.5×20×2 | 1 | Aluminum Washer 12.5×20×2 |
| | | | | |

| | | | | |
|---|---|---|---|---|
| 11 | P012000233150000 | 空芯螺栓M12×1.25×15 | 1 | Hollow Bolts M12×1.25×15 |
| 12 | P010000114020000 | 左前盖密封垫 | 1 | Gasket,Left Crankcase Cover |
| 13 | PJ00000908020100 | 定位销8×12 | 2 | Pin,Dowel 8×12 |
| 14 | P010000245040000 | 双联齿轮轴ø10×50 | 2 | Duplicate Gear Shaft ø10×50 |
| 15 | P010000245030000 | 双联齿轮 | 1 | Duplicate Gear |
| 16 | P010000245020000 | 中间齿轮 | 1 | Middle Gear |
| 17 | P010000197000000 | 水泵部件 | 1 | Water Pump Assy |
| 18 | PJ00000908010700 | 圆柱销ø4×16 | 1 | Pin ø4×16 |
| 19 | P010000197090000 | 水泵从动齿轮 | 1 | Water pump driven gear |
| 20 | P001010937000000 | 滚针轴承HK1010 | 1 | Needle Bearing HK1010 |
| 21 | BGB5787-M6×65 | 六角法兰面螺栓M6×65 | 1 | Hexagon flange bolts M6×65 |
| 22 | PJ00000906010100 | 铝垫圈6×12×1.5 | 1 | Aluminum Washer 6×12×1.5 |
| 23 | BGB5787-M6×35 | 六角法兰面螺栓M6×35 | 2 | Hexagon flange bolts M6×35 |
| 24 | P012000312000000 | 起动电机部件L1330 | 1 | Starter Motor Assy L1330 |
| 25 | BGB5787-M8×40 | 六角法兰面螺栓M8×40 | 1 | Hexagon flange bolts M8×40 |
| 26 | BGB5787-M6×40 | 六角法兰面螺栓M6×40 | 1 | Hexagon flange bolts M6×40 |
| 27 | P010000197020000 | 水泵盖密封圈 1PK-N771C-4 | 2 | Seal,Water Pump cover 1PK-N771C-4 |
| 28 | PJ00000912014500 | O形密封圈34.2×2.5 | 1 | O-Ring 34.2×2.5 |

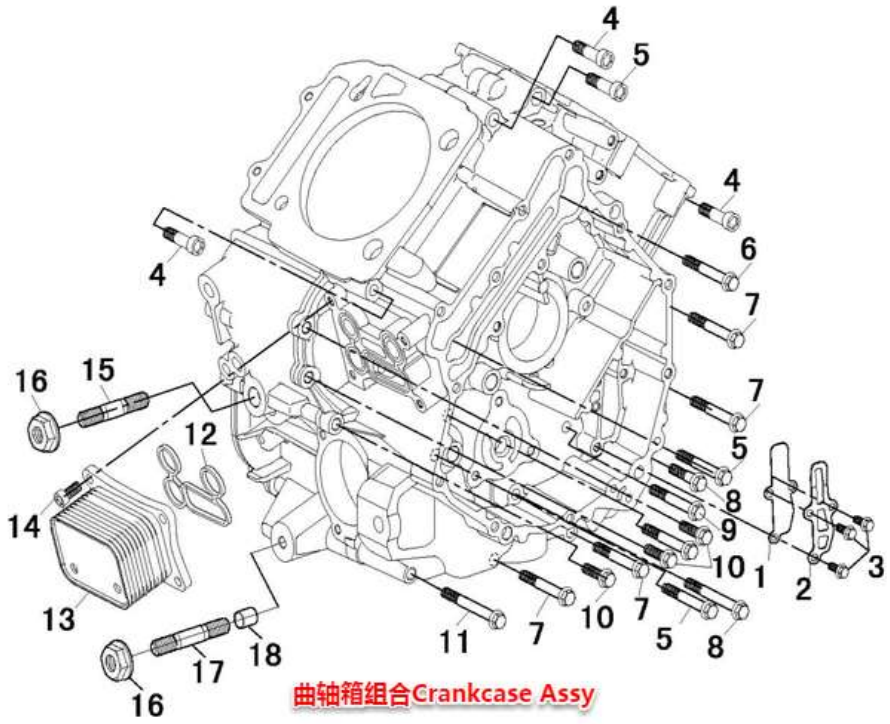



左曲轴箱盖、磁电机 Left Crankcase Cover & Magnetor

## 左曲轴箱盖、磁电机 Left Crankcase Cover & Magnetor

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000114010000 | 左前盖 | 1 | Left Crankcase Cover |
| 2 | PJ00000912013200 | O形密封圈24×2.5 | 1 | O-Ring 24×2.5 |
| 3 | P010000110030000 | 大视孔盖 | 1 | Big Peep Hole Cover |
| 4 | BGB5787-M6×35 | 六角法兰面螺栓M6×35 | 10 | Hexagon flange bolts M6×35 |
| 5 | BGB70-M8×16 | 内六角圆柱头螺钉 M8×16 | 6 | Hexagon socket head cap screws M8×16 |
| 6 | PJ00000912012200 | O形密封圈18×1.8 | 1 | O-Ring 18×1.8 |
| 7 | P012000391100000 | 曲轴位置传感器 | 1 | Crankcase speed Sensor |
| 8 | BGB5787-M6×12 | 六角法兰面螺栓M6×12 | 1 | Hexagon flange bolts M6×12 |
| 9 | P010000156500000 | 机油标尺组合 | 1 | Plug,Oil Level |
| 10 | PJ00000912012400 | O形密封圈18×3.5 | 1 | O-Ring 18×3.5 |
| 11 | P012000311200000 | 定子组合(L460) | 1 | Generator Stator Assy L460 |

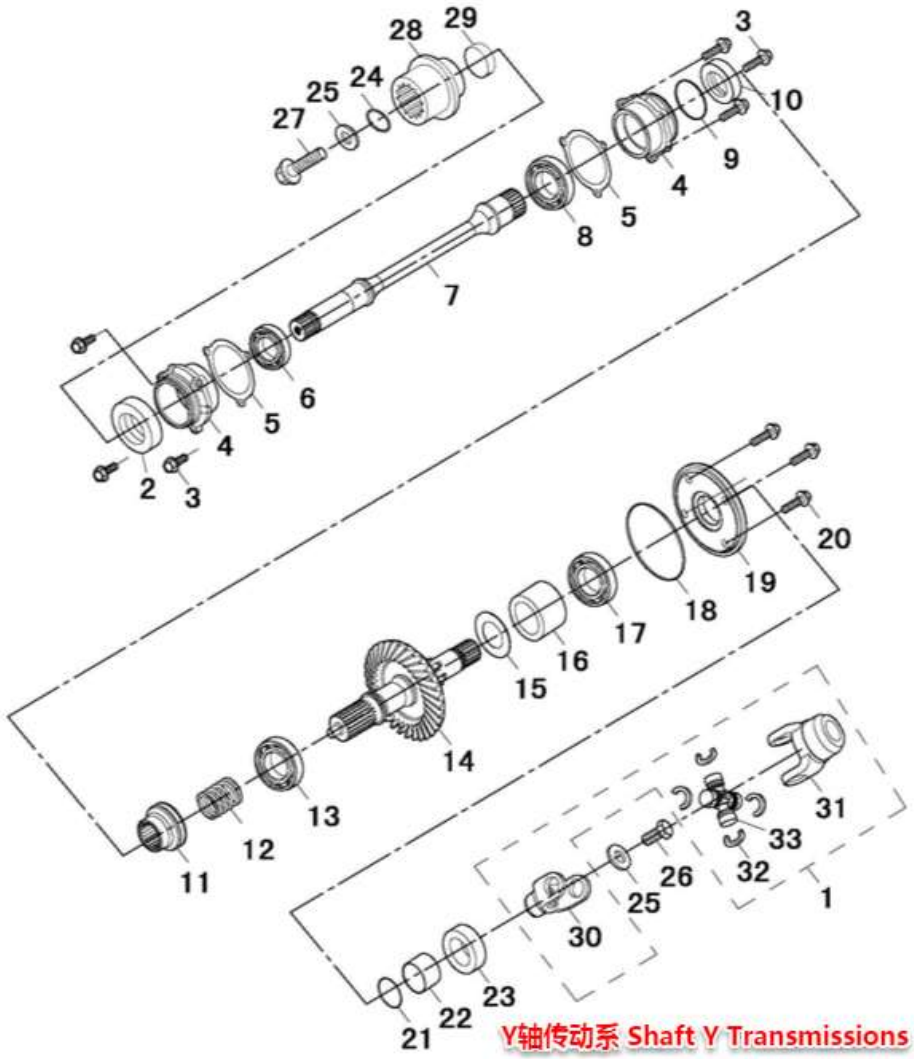
| | | | | |
|---|---|---|---|---|
| 12 | P010000110040000 | 定子线护板 | 1 | Stator wire guard plate |
| 13 | BGB818-M4×8 | 十字槽盘头螺钉M4×8 | 3 | Cross recessed Pan head screws M4×8 |
| 14 | P010000311050000 | 转子螺栓M16×35 | 1 | Generator Rotor Bolt M16×35 |
| 15 | P010000243100000 | 起动离合器组件 | 1 | Overrunning Clutch |
| 16 | P012000311100000 | 转子组合 | 1 | Generator Rotor Assy |
| 17 | PJ00000906004700 | 垫圈17.2×30×3 | 1 | Washer 17.2×30×3 |
| 18 | BGB93-8 | 弹簧垫圈ø8 | 6 | Spring Washer ø8 |
| 19 | BGB5787-M6×35 | 六角法兰面螺栓M6×35 | 3 | Hexagon flange bolts M6×35 |
| 20 | P0100002440A0000 | 盘形齿轮组合 | 1 | Disk Gear Assy |




## 曲轴箱组合Crankcase Assy

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000153110000 | 单向阀片 | 1 | Valve Piece |
| 2 | P010000931360000 | 阀片压板 | 1 | Press Plate,Valve piece |
| 3 | BGB5787-M6×14 | 六角法兰面螺栓M6×14 | 3 | Hexagon flange bolts M6×14 |
| 4 | BGB70-M8×65 | 内六角圆柱头螺钉M8×65 | 3 | Hexagon socket head cap screws M8×65 |
| 5 | BGB70-M8×55 | 内六角圆柱头螺钉M8×55 | 1 | Hexagon socket head cap screws M8×55 |
| 6 | BGB5787-M6×70 | 六角法兰面螺栓M6×70 | 1 | Hexagon flange bolts M6×70 |
| 7 | BGB5787-M6×75 | 六角法兰面螺栓M6×75 | 9 | Hexagon flange bolts M6×75 |
| | | | | |

| | | | | |
|---|---|---|---|---|
| 8 | BGB5787-M6×35 | 六角法兰面螺栓M6×35 | 1 | Hexagon flange bolts M6×35 |
| 9 | BGB5787-M6×65 | 六角法兰面螺栓M6×65 | 1 | Hexagon flange bolts M6×65 |
| 10 | BGB5787-M6×20 | 六角法兰面螺栓M6×20 | 3 | Hexagon flange bolts M6×20 |
| 11 | BGB5787-M6×85 | 六角法兰面螺栓M6×85 | 1 | Hexagon flange bolts M6×85 |
| 12 | P010000153130000 | 机油冷却器密封圈 | 1 | Seal,Oil cooler |
| 13 | P0120001551A0000 | 油冷器焊接组合 | 1 | Oil Cooler Assy |
| 14 | BGB70-M6×14 | 内六角圆柱头螺钉M6×14 | 4 | Hexagon socket head cap screws M6×14 |
| 15 | BGB897-M10×60-F | 双头螺柱M10×1.25×60 发蓝 | 1 | Stud M10×1.25×60 |
| 16 | BGB6187.2-M10 | 自锁螺母M10×1.25 | 2 | Self-locking Nut M10×1.25 |
| 17 | BGB897-M10×75-F | 双头螺柱M10×1.25×75 发蓝 | 1 | Stud M10×1.25×75 |
| 18 | PJ00000908020400 | 定位销12×16 | 1 | Pin,Dowel 12×16 |

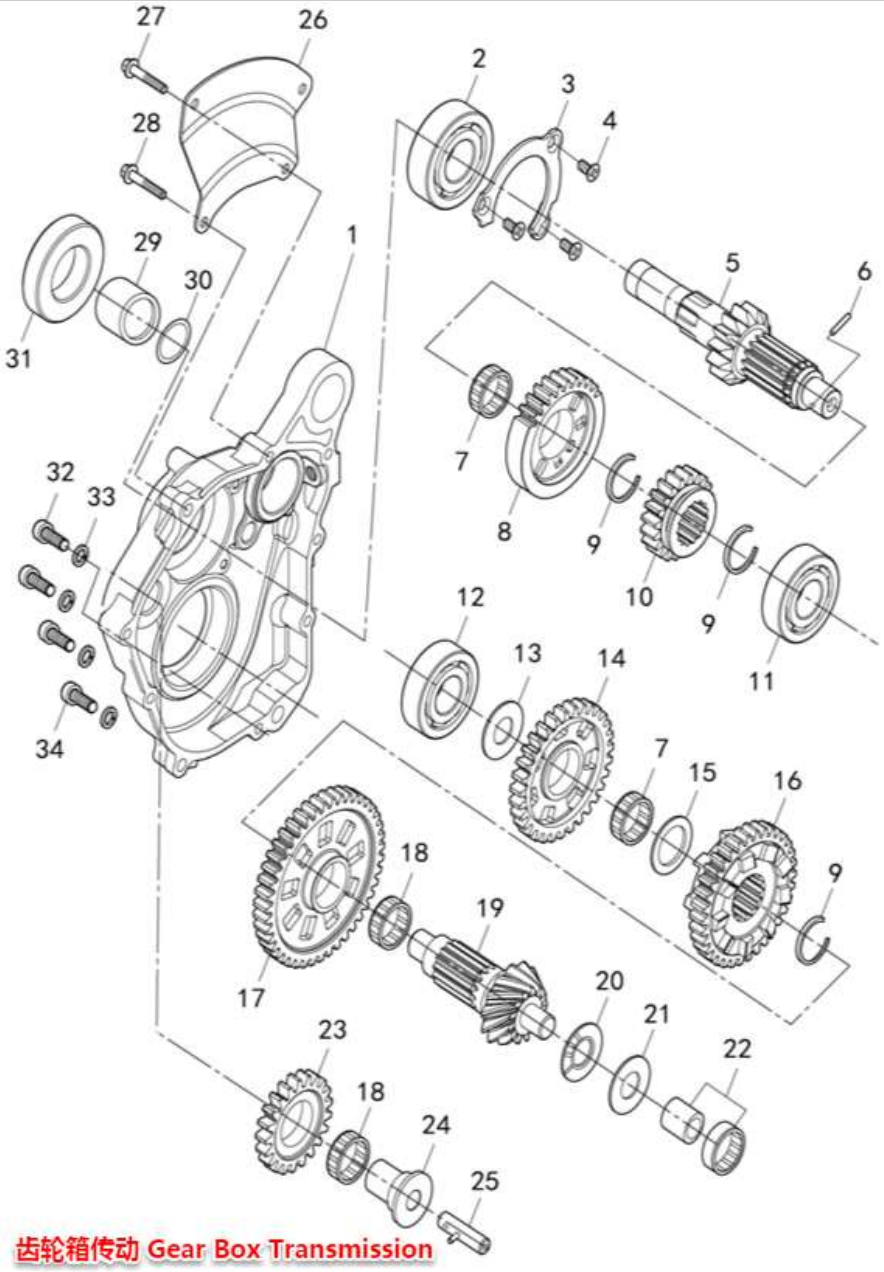



## Y轴传动系 Shaft Y Transmissions

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| | | | | |

| | | | | |
|---|---|---|---|---|
| 1 | P0100002241A0022 | 万向节组合(ø22) | 1 | Cross U-Joint Assy (ø22) |
| 2 | PJ00000911013200 | 油封25×47×7 | 1 | Oil Seal 25×47×7 |
| 3 | BGB5787-M6×20 | 六角法兰面螺栓M6×20 | 6 | Hexagon flange bolts M6×20 |
| 4 | P010000111110000 | Y轴承座 | 2 | Y Shaft Bearing Block |
| 5 | P010000111160000 | Y轴承座密封垫 | 2 | Gasket,Y Shaft Bearing Block |
| 6 | BGB276-6005 | 轴承6005 | 1 | Bearing 6005 |
| 7 | P012000224050000 | Y前传动轴 | 1 | Output Shaft Y |
| 8 | BGB276-6906 | 轴承6906 | 1 | Bearing 6906 |
| 9 | PJ00000912015200 | O形密封圈45×2.5 | 1 | O-Ring 45×2.5 |
| 10 | PJ00000911013000 | 油封30×47×7 | 1 | Oil Seal 30×47×7 |
| 11 | P010000224070000 | Y轴结合套 | 1 | Shift Sleeve,Shaft Y |
| 12 | P010000111170000 | 传动轴弹簧 | 1 | Transmission Shaft Spring |
| 13 | BGB276-6206 | 轴承6206 | 1 | Bearing 6206 |
| 14 | P012000224100200 | Y后传动轴组合 | 1 | Transmission Shaft Y |
| 15 | PJ00000906005200 | 调整垫圈30×40×0.5 | 1 | Washer 30×40×0.5 |
| 16 | P010000111180000 | 衬套ø30×ø42×22.5 | 1 | Bushing ø30×ø42×22.5 |
| 17 | BGB276-6305 | 轴承6305 | 1 | Bearing 6305 |
| 18 | PJ00000912017400 | O形密封圈90×3 | 1 | O-Ring 90×3 |
| 19 | P010000111150000 | Y轴承座Ⅱ | 1 | Y Shaft Bearing Block Ⅱ |
| 20 | BGB5787-M8×25 | 六角法兰面螺栓M8×25 | 4 | Hexagon flange bolts M8×40 |
| 21 | PJ00000912013300 | O形密封圈25×2.4 | 1 | O-Ring 25×2.4 |
| 22 | P010000222620000 | 主轴衬套ø25×ø32×18 | 1 | Bushing ø25×ø32×18 |
| 23 | PJ00000911013100 | 油封32×47×7 | 1 | Oil Seal 32×47×7 |
| 24 | PJ00000912013300 | O形密封圈25×2.4 | 1 | O-Ring 25×2.4 |
| 25 | PJ00000906000700 | 垫圈10×32×5 | 2 | Washer 10×32×5 |
| 26 | BGB5783-M10×1.25×25 | 六角头螺栓M10×1.25×25 | 1 | Hexagon Head Bolts M10×1.25×25 |
| 27 | BGB5787-M10×1.25×25 | 六角法兰面螺栓M10×1.25×25 | 1 | Hexagon flange bolts M10×1.25×25 |
| 28 | P012000224310000 | 后驱联轴器 | 1 | Coupling，Rear Drive |
| 29 | P012000224330000 | 联轴器衬套 | 1 | Bushing,Coupling |
| 30 | P010000224110022 | 节叉A（ø22） | 1 | U-joint A(ø22) |

| | | | | |
|---|---|---|---|---|
| 31 | P010000224120022 | 节叉B（ø22） | 1 | U-joint B(ø22) |
| 32 | BGB960-22 | 夹紧挡圈 (ø22) | 4 | Grip Ring ø22 |
| 33 | P0100002241B0022 | 十字轴组合（ø22） | 1 | Knuckle Centre （ø22） |

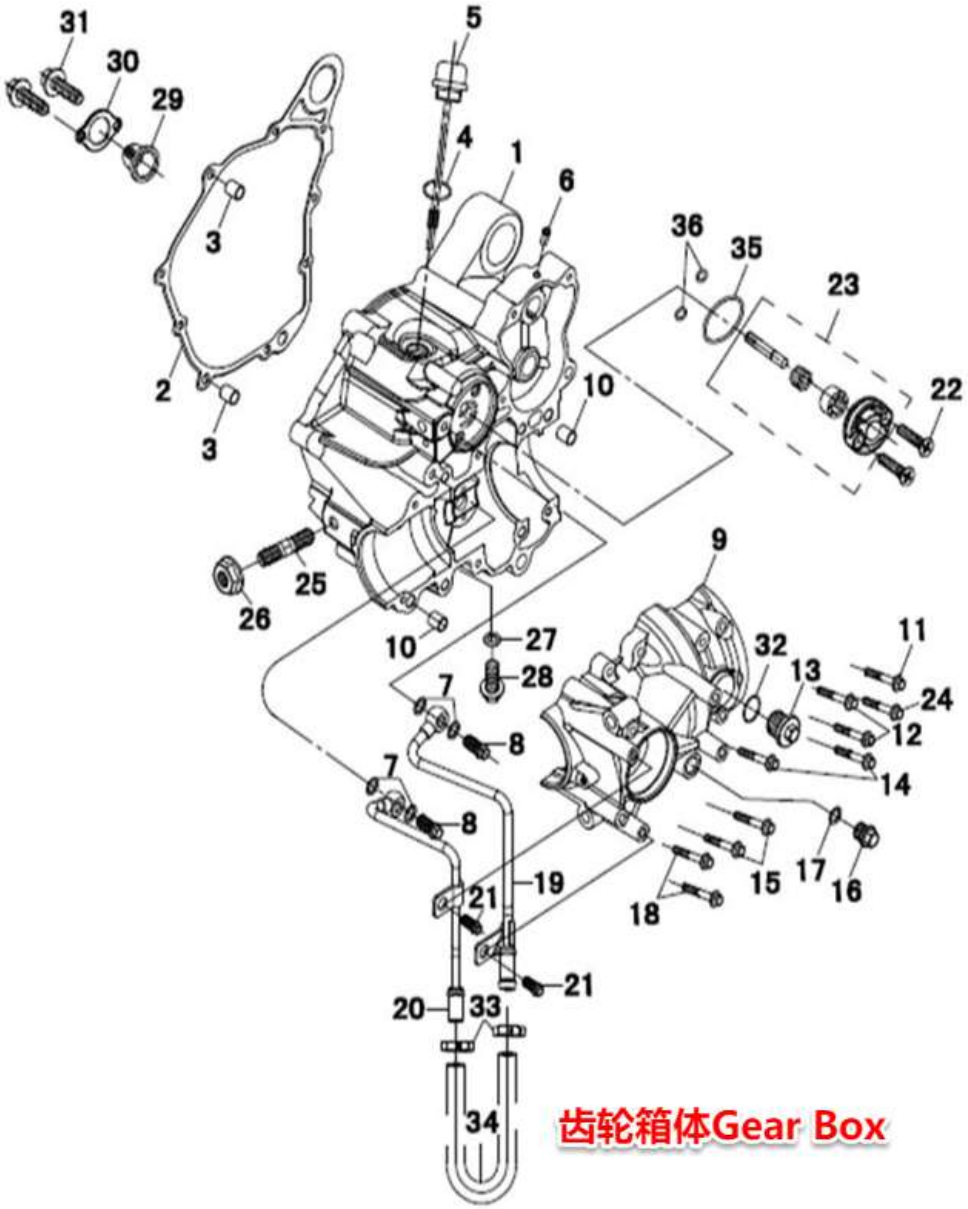


齿轮箱传动 Gear Box Transmission

## 齿轮箱传动 Gear Box Transmission

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000227210000 | 齿轮箱盖 | 1 | Gearbox Cover |
| 2 | BGB276-6305 | 轴承6305 | 1 | Bearing 6305 |
| 3 | P010000110130000 | 主轴承压板 | 1 | Press Plate,Main Shaft Bearing |
| 4 | BGB819.1-M6×12 | 十字槽沉头螺钉M6×12 | 3 | Cross recessed countersunk head screw M6×12 |
| 5 | P010000222010000 | 传动主轴 | 1 | Transmission Main Shaft |
| 6 | PJ00000908010300 | 圆柱销ø2×18 | 1 | Pin ø2×18 |

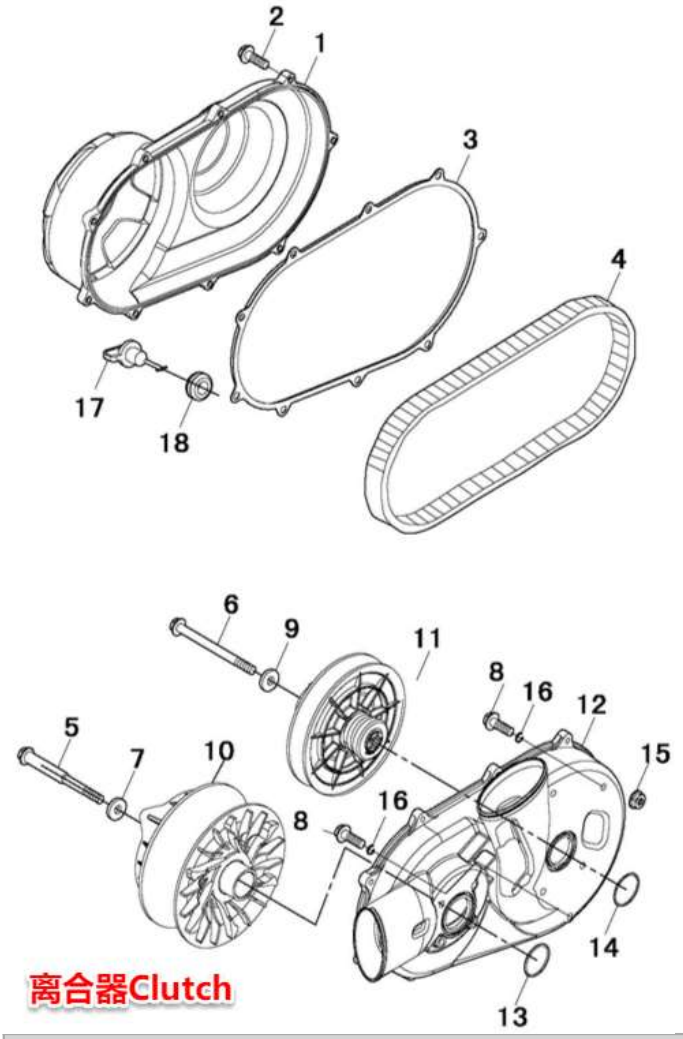
| | | | | |
|---|---|---|---|---|
| 7 | P252913937000000 | 滚针轴承25×29×12.6 | 2 | Needle Bearing 25×29×12.6 |
| 8 | P012000223120000 | H档主动齿轮 | 1 | H Driving Gear |
| 9 | PJ00000907000200 | 轴用弹性挡圈ø27×ø32×2 | 3 | Circlip for shaft ø27×ø32×2 |
| 10 | P012000223110000 | L档主动齿轮 | 1 | L Driving Gear |
| 11 | BGB276-6204DU | 轴承6204 DU（半密封） | 1 | Bearing 6204 DU |
| 12 | BGB276-6403 | 轴承6403 | 1 | Bearing 6403 |
| 13 | PJ00000906004800 | 垫圈17.3×34×2 | 1 | Washer 17.3×34×2 |
| 14 | P012000223230000 | R档从动齿轮 | 1 | R Driven Gear |
| 15 | PJ00000906005000 | 垫圈25.4×33×1 | 1 | Washer 25.4×33×1 |
| 16 | P012000223220000 | H档从动齿轮 | 1 | H Driven Gear |
| 17 | P012000223210000 | L档从动齿轮 | 1 | L Driven Gear |
| 18 | P252910937000000 | 滚针轴承25×29×9.6 | 2 | Needle Bearing 25×29×9.6 |
| 19 | P012000222020200 | 传动副轴 | 1 | Transmision Countershaft |
| 20 | P152802937000000 | 滚针轴承AXK15×28×2 | 1 | Needle Bearing AXK15×28×2 |
| 21 | PJ00000906004400 | 垫圈15.3×32×1.5 | 1 | Washer 15.3×32×1.5 |
| 22 | P192716937000000 | 滚针轴承NBI19×27×16 | 1 | Needle Bearing NBI19×27×16 |
| 23 | P010000223240000 | R档惰轮 | 1 | R Idle Gear |
| 24 | P010000222030000 | R档惰轮轴 | 1 | R Idle Gear Shaft |
| 25 | P010000222040000 | 倒档轴组合ø12×56 | 1 | Reverse Gear-shaft 12×56 |
| 26 | P010000115060000 | 离合器盖座支架 | 1 | Bracket,Clutch Outer Cover |
| 27 | BGB5787-M6×35 | 六角法兰面螺栓M6×35 | 4 | Hexagon flange bolts M6×35 |
| 28 | BGB5787-M6×45 | 六角法兰面螺栓M6×45 | 1 | Hexagon flange bolts M6×45 |
| 29 | P010000222620100 | 主轴衬套ø25×ø32×11.5 | 1 | Bushing ø25×ø32×11.5 |
| 30 | PJ00000912013300 | O形密封圈25×2.4 | 1 | O-Ring 25×2.4 |
| 31 | PJ00000911013100 | 油封32×47×7 | 1 | Oil Seal 32×47×7 |
| 32 | BGB70-M8×40 | 内六角圆柱头螺钉M8×40 | 3 | Hexagon socket head cap screws M8×40 |
| 33 | BGB93-8 | 弹簧垫圈ø8 | 4 | Spring Washer ø8 |
| 34 | BGB70-M8×45 | 内六角圆柱头螺钉M8×45 | 1 | Hexagon socket head cap screws M8×45 |




| 齿轮箱体Gear Box | | | | |
|---|---|---|---|---|
| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
| 1 | P012000227500000 | 齿轮箱体组合 | 1 | Gearbox Casing Assy |
| 2 | P010000227010000 | 齿轮箱盖密封垫 | 1 | Gearbox Gasket |
| 3 | PJ00000908020300 | 定位销10×16 | 2 | Pin,Dowel 10×16 |
| 4 | PJ00000912012400 | O形密封圈18×3.5 | 1 | O-Ring 18×3.5 |
| 5 | P010000156500000 | 机油标尺组合 | 1 | Plug,Oil Level |
| 6 | P010000227520001 | 变速箱废气嘴 | 1 | Exhaust Pipe joint |
| 7 | PJ00000906020200 | 铜垫圈8.4×15×1.2 | 4 | Copper Washer 8.4×15×1.2 |
| 8 | P004000153010000 | 油孔螺栓M8×25 | 2 | Bolts for oil tube M8×25 |
| 9 | P010000227310000 | 齿轮箱端盖 | 1 | Gearbox Cover |
| 10 | PJ00000908020100 | 定位销8×12 | 2 | Pin,Dowel 8×12 |
| 11 | BGB5787-M6×55 | 六角法兰面螺栓M6×55 | 1 | Hexagon flange bolts M6×55 |

| | | | | |
|---|---|---|---|---|
| 12 | BGB70-M8×55 | 内六角圆柱头螺钉M8×55 | 2 | Hexagon socket head cap screws M8×55 |
| 13 | P010000227320000 | 螺塞 M20×1.5×12 | 1 | Hexagon flange Screw Plug M20×1.5×12 |
| 14 | BGB70-M8×30 | 内六角圆柱头螺钉M8×30 | 2 | Hexagon socket head cap screws M8×30 |
| 15 | BGB5787-M6×30 | 六角法兰面螺栓M6×30 | 2 | Hexagon flange bolts M6×30 |
| 16 | PJ00000904050200 | 螺塞 M12×1.5×15 | 1 | Hexagon flange Screw Plug M12×1.5×15 |
| 17 | PJ00000906020600 | 铜垫圈12×20×2 | 1 | Copper Washer 12×20×2 |
| 18 | BGB5787-M6×85 | 六角法兰面螺栓M6×85 | 2 | Hexagon flange bolts M6×85 |
| 19 | P0120001532A0000 | 油管焊接组合B | 1 | Oil Tube Welding Assy B |
| 20 | P0120001533A0000 | 油管焊接组合A | 1 | Oil Tube Welding Assy A |
| 21 | BGB70-M8×16 | 内六角圆柱头螺钉M8×16 | 2 | Hexagon socket head cap screws M8×16 |
| 22 | BGB819.1-M6×30 | 十字槽沉头螺钉M6×30 | 2 | Cross recessed countersunk head screw M6×30 |
| 23 | P010000151100200 | 油泵组合(变速箱) | 1 | Oil Pump Assy (Gear Box) |
| 24 | BGB5787-M6×50 | 六角法兰面螺栓M6×50 | 1 | Hexagon flange bolts M6×50 |
| 25 | BGB897-M10×50-F | 双头螺柱M10×1.25×50 发蓝 | 1 | Stud M10×1.25×50 |
| 26 | BGB6187.2-M10 | 自锁螺母M10×1.25 | 1 | Self-locking Nut M10×1.25 |
| 27 | PJ00000906010700 | 铝垫圈14×20×1.5 | 1 | Aluminum Washer 14×20×1.5 |
| 28 | P010000110150000 | 螺栓(磁性) M14×1.5×16 | 1 | Screw Plug M14×1.5×16 |
| 29 | P010000152030000 | 机油过滤网 | 1 | Oil Filter Strainer |
| 30 | P024000224120000 | 主动链轮压板 | 1 | Holder,Drive sprocket |
| 31 | BGB5787-M6×12 | 六角法兰面螺栓M6×12 | 2 | Hexagon flange bolts M6×12 |
| 32 | PJ00000912012300 | O形密封圈18×2.4 | 1 | O-Ring 18×2.4 |
| 33 | PJ00000907300000 | 螺钉锁紧抱箍A ø12～ø20 | 2 | Hose Clamp Assy ø12～ø20 |
| 34 | P010000153070460 | 橡胶油管460 | 1 | Rubber Oil Pipe 460 |
| | P010000153071280 | 橡胶油管1280 | 1 | Rubber Oil Pipe 1280 |
| | P012000153070760 | 橡胶油管760 | 1 | Rubber Oil Pipe 760 |
| 35 | PJ00000912015100 | O形密封圈44×2 | 1 | O-Ring 44×2 |

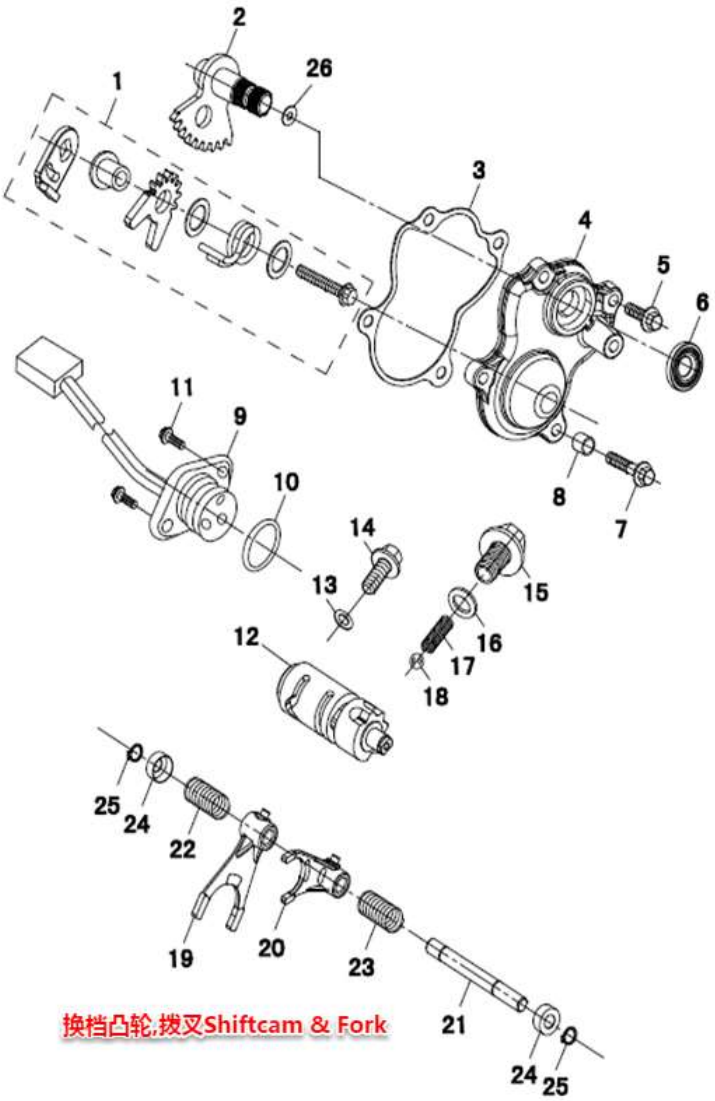
| | | | | |
|---|---|---|---|---|
| 36 | PJ00000912010200 | O形密封圈6×2 | 2 | O-Ring 6×2 |




## 离合器Clutch

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P0100001152A0000 | 离合器盖组合 | 1 | Cover,Clutch,Outer |
| 2 | BGB5789-M6×28 | 六角法兰面螺栓M6×28 | 9 | Hexagon flange bolts M6×30 |
| 3 | P010000115230000 | 离合器盖密封圈 | 1 | Seal,Clutch Cover |
| 4 | P012000213000004 | CVT皮带部件 | 1 | CVT Belt |
| 5 | P010000214010000 | 螺栓M12×145 | 1 | Bolts M12×145 |
| 6 | P010000214020000 | 螺栓M10×110 | 1 | Bolts M10×110 |
| 7 | PJ00000906004000 | 垫圈12×30×3(加拿大) | 1 | Washer 12×30×3 |
| 8 | BGB5787-M6×22 | 六角法兰面螺栓M6×22 | 9 | Hexagon flange bolts M6×22 |
| 9 | P010000211060000 | 翻边衬套ø11×ø30×8 | 1 | Bushing ø11×ø30×8 |
| 10 | P012000211000000 | 初级离合器部件（红色） | 1 | Driver Pulley Assy |
| | P012000211000100 | 初级离合器部件（绿色） | 1 | Driver Pulley Assy |
| | | | | |

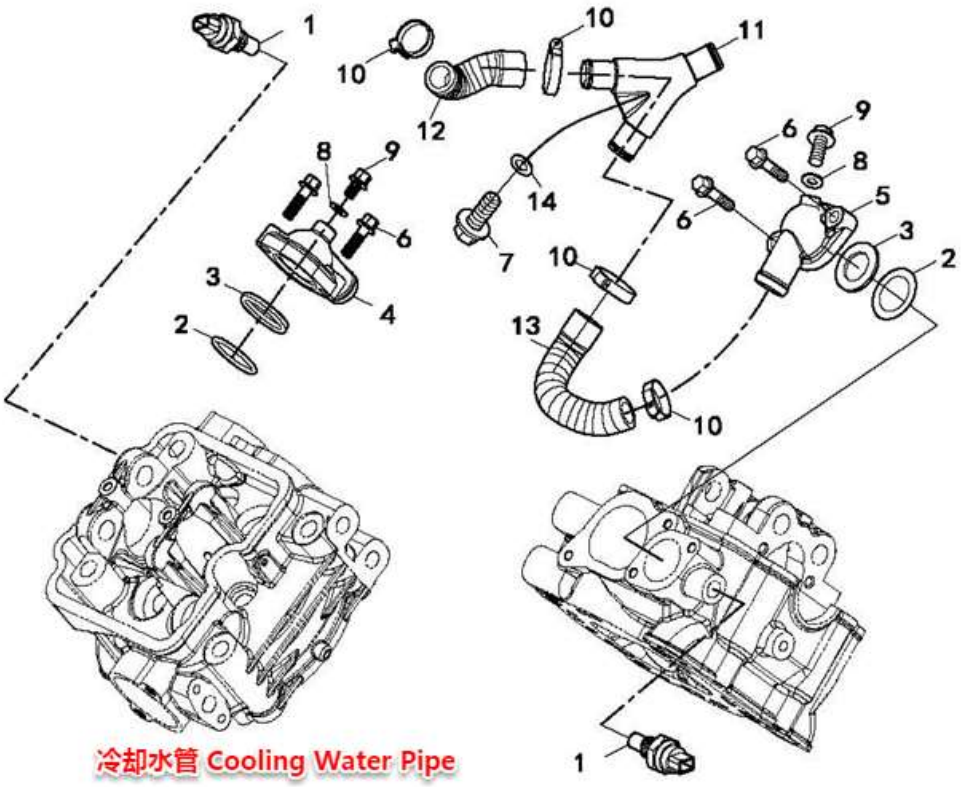
| | | | | |
|---|---|---|---|---|
| 11 | P010000212000000 | 次级离合器部件(橙色) | 1 | Driven Pulley Assy |
| 12 | P0100001151A0000 | 离合器盖座组合 | 1 | Cover,Clutch,Inner |
| 13 | PJ00000912015900 | O形密封圈56.75×3.53 | 1 | O-Ring 56.75×3.53 |
| 14 | PJ00000912015600 | O形密封圈50×4 | 2 | O-Ring 50×4 |
| 15 | BGB6187.2-M6 | 自锁螺母M6 | 9 | Self-locking Nut M6 |
| 16 | BGB93-6 | 弹簧垫圈ø6 | 1 | Spring Washer ø6 |
| 17 | P003000115040000 | 离合器盖堵头 | 1 | Plug,Clutch Cover |
| 18 | P003000115030000 | 胶套 | 1 | Damper |




## 换档凸轮,拨叉Shiftcam & Fork

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P0040002321A0000 | 变速拨板组合 | 1 | Shift Dialing Plate Assy |
| 2 | P0120002332A0000 | 变速轴组合 | 1 | Shiftshaft Assy |
| 3 | P004000114220000 | 换档臂侧盖密封垫 | 1 | Gasket,Shiftshaft Cover |
| 4 | P004000114210000 | 换档臂侧盖 | 1 | Shiftshaft Cover |
| | | | | |

| | | | | |
|---|---|---|---|---|
| 5 | BGB5787-M6×20 | 六角法兰面螺栓M6×20 | 1 | Hexagon flange bolts M6×20 |
| 6 | PJ00000911011000 | 油封15×25×5 | 1 | Oil Seal 15×25×5 |
| 7 | BGB5787-M6×30 | 六角法兰面螺栓M6×30 | 1 | Hexagon flange bolts M6×30 |
| 8 | PJ00000908020100 | 定位销8×12 | 1 | Pin,Dowel 8×12 |
| 9 | P012000365500000 | 档显传感器 | 1 | Sensor,Gear Indicator |
| 10 | PJ00000912013800 | O形密封圈29.6×2.4 | 1 | O-Ring 29.6×2.4 |
| 11 | BGB9074.14-M6×16 | 组合螺栓M6×16 | 2 | Hexagon head bolt and plain washer assemblies M6×16 |
| 12 | P010000232000000 | 变速鼓部件 | 1 | Drum,Shift |
| 13 | PJ00000906010400 | 铝垫圈10×16×1.2 | 1 | Aluminum Washer 10×16×1.2 |
| 14 | BGB5787-M10×1.25×16 | 六角法兰面螺栓M10×1.25×16 | 1 | Hexagon flange bolts M10×1.25×16 |
| 15 | P003000233150000 | 空芯螺栓M14×1.5×21 | 1 | Hollow Bolts M14×1.5×21 |
| 16 | PJ00000906020700 | 铜垫圈14×21×1 | 1 | Copper Washer 14×21×1 |
| 17 | P002000233020000 | 弹簧24×1 | 1 | Spring 24×1 |
| 18 | BGB308-9.5 | 钢球Sø9.5 | 1 | Steel Ball 9.5 |
| 19 | P010000231020000 | 拨叉Ⅰ | 1 | Shifting Fork Ⅰ |
| 20 | P010000231010000 | 拨叉Ⅱ | 1 | Shifting Fork Ⅱ |
| 21 | P010000231310000 | 拨叉轴 | 1 | Shift Rail |
| 22 | P010000231070000 | RL档弹簧 | 1 | Spring,Gear R&L |
| 23 | P010000231050000 | H档弹簧 | 1 | Spring,Gear H |
| 24 | P004000231060000 | 拨叉轴簧座 | 2 | Spring seat,Shift Rail |
| 25 | BGB894.1-12 | 轴用弹性挡圈ø12 | 2 | Circlip for shaft ø12 |




## 冷却水管 Cooling Water Pipe

| 序号 | 编号 | 中文名称 | 数量 | Part Name And Standard |
|---|---|---|---|---|
| 1 | P010000391300000 | 水温传感器 | 2 | Water Temperature Sensor |
| 2 | PJ00000906011000 | 铝垫圈20.5×30×1 | 2 | Aluminum Washer 20.5×30×1 |
| 3 | P010000194110000 | 节温器盖密封圈 1PK-N770C-4 | 2 | Seal,thermostat cover |
| 4 | P010000190090000 | 节温器盖 | 1 | Cover,Thermostat |
| 5 | P012000190090100 | 节温器盖Ⅱ | 1 | Cover,ThermostatⅡ |
| 6 | BGB5787-M6×25 | 六角法兰面螺栓M6×25 | 4 | Hexagon flange bolts M6×25 |
| 7 | PJ00000904050200 | 螺塞 M12×1.5×15 | 1 | Hexagon flange Screw Plug M12×1.5×15 |
| 8 | PJ00000906010100 | 铝垫圈6×12×1.5 | 2 | Aluminum Washer 6×12×1.5 |
| 9 | BGB5787-M6×12 | 六角法兰面螺栓M6×12 | 2 | Hexagon flange bolts M6×12 |
| 10 | PJ00000907300300 | 螺钉锁紧抱箍D ø20～ø32 | 4 | Hose Clamp Assy ø20～ø32 |
| 11 | P010000190020000 | 三通管 | 1 | Three-way Pipe |
| 12 | P012000190060000 | 二缸出水管 | 1 | Hose,Cylinder Ⅱ,Outlet |
| 13 | P012000190070000 | 一缸出水管 | 1 | Hose,Cylinder Ⅰ,Water Out |
| 14 | PJ00000906010600 | 铝垫圈12.5×20×2 | 1 | Aluminum Washer 12.5×20×2 |