



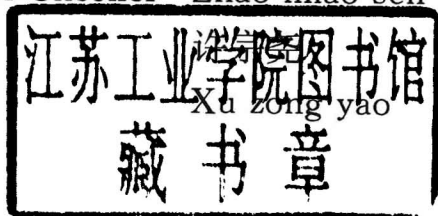
G 3 0 0 系 列 柴 油 机

# 零 件 图 册

G300 SERIES DIESEL ENGINES PARTS CATALOGUE

中国无锡柴油机厂 编  
WUXI DIESEL ENGINE WORKS  
CHINA

主 编          胡福娣  
Chief editor    Hu Fu di  
主 审          赵淼森  
Chief Checker   Zhao miao sen



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**G300 系列柴油机零件图册**

中国无锡柴油机厂 编

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# 前 言

本零件图册以基本型 G8300ZC 可逆转船用柴油机(右舷机)为主要叙述对象,同时对 G300 系列的其他各型柴油机的专用部件也作了专项说明。除专用零部件外,所有零部件各型通用。

为使供货不致有误,请提供下列内容:

1. 柴油机型号、出厂编号、以及出厂日期。

2. 柴油机零部件件号、名称、数量。

柴油机零件件号由“产品代号—部件号—零件号”三部份组成。使用本零件图册,请按下述步骤进行。

1. 按所购柴油机型号,在附录(1)G300 系列柴油机型号谱表查明机型代号。

2. 按机型代号,在附录(2)部件目录内查明部件号。

3. 按部件号,利用本零件图册的图表查明零件件号。

例:

订购机型为 G8300ZC1 柴油机机体零件,首先根据附录(1)查明其代号为 8G1,然后根据附录(2)确定部件号为 8G1—03—000,根据机体部件的图表查出该零件为 8G1—03—001。

如需订购整个部件,则只需标明部件号。

由于产品的不断改进,用户在订购时务必注明产品出厂日期,以便提供适用的零部件。

本图册内喷油泵部件,喷油咀部件的件号和名称是按华北新型建材机械厂提供的图纸编制的。

本图册是按 1991 年生产图纸编制的,随着产品的不断改进、变型、实际产品与本图册会有出入,则以实机为准,希请用户注意。

对在编撰本图册中给予多方帮助的下列同仁谨致谢意:

王鑫泽 陶凯声 徐秀瑞 华京 杨勇佳 宋强 陈华 陆献众 顾列铭  
吴重庆 吴子明

中国无锡柴油机厂

# Preface

This catalogue is based on the basic model G8300 ZC reversing marine engine (starboard engine ), and also provides the descriptions of the special parts of the other models of engine. All of the components are common to the various engines except the special parts.

For reducing errors, please inform us the following information:

1. Model of engine and its serial number and the delivery date;
2. Part number or assembly number, name and quantity required.

A complete part number consists of three parts: engine code, assembly number and part number. The following procedure can help you to use this catalogue and find out the correct one:

1. Look up the engine code in the Engine Model Table(Appendix 1)according to the engine model;
2. Look up the assembly number in the Assembly List (Appendix 2) according to the engine code;
3. Find out the part number from this catalogue according to the assembly number.

For example, to place an order for the frame of G8300 ZC1 diesel engine, firstly, you find out the engine code to be 8G1 in the Engine Model Table, secondly, by the engine code you look up the assembly number in the Assembly List to be 8G1—03—000, finally, you can get the complete part number to be 8G1—03—001.

If you want to place an order for a complete assembly, you can simply inform us the assembly number.

Due to the progressive improvement of the products, when placing an order the customers have to inform us the delivery date of the engine for supplying them the correct components required.

The part numbers and names of the fuel injection pump assembly and fuel injector assembly are based on the drawings provided by Huabei New Building Material Machinery Factory.

As it should be noted that this catalogue was edited based on the production drawings in 1991, and due to the progressive improvement and increase in the versions, the actual products may be somewhat different from this catalogue. So it should still depend on how the engine is conducted.

I would like to express my thanks to: Wang Xinze; Tao Kaisheng; Xu Xiurui; Hua Jing; Yang yongjia; Song Qiang; Chen Hua; Lu Xianzhong; Gu Lieming; Wu Chongqing; Wu Ziming for their helps in compiling this catalogue.

WUXI DIESEL ENGINE WORKS  
CHINA

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#### Appendix

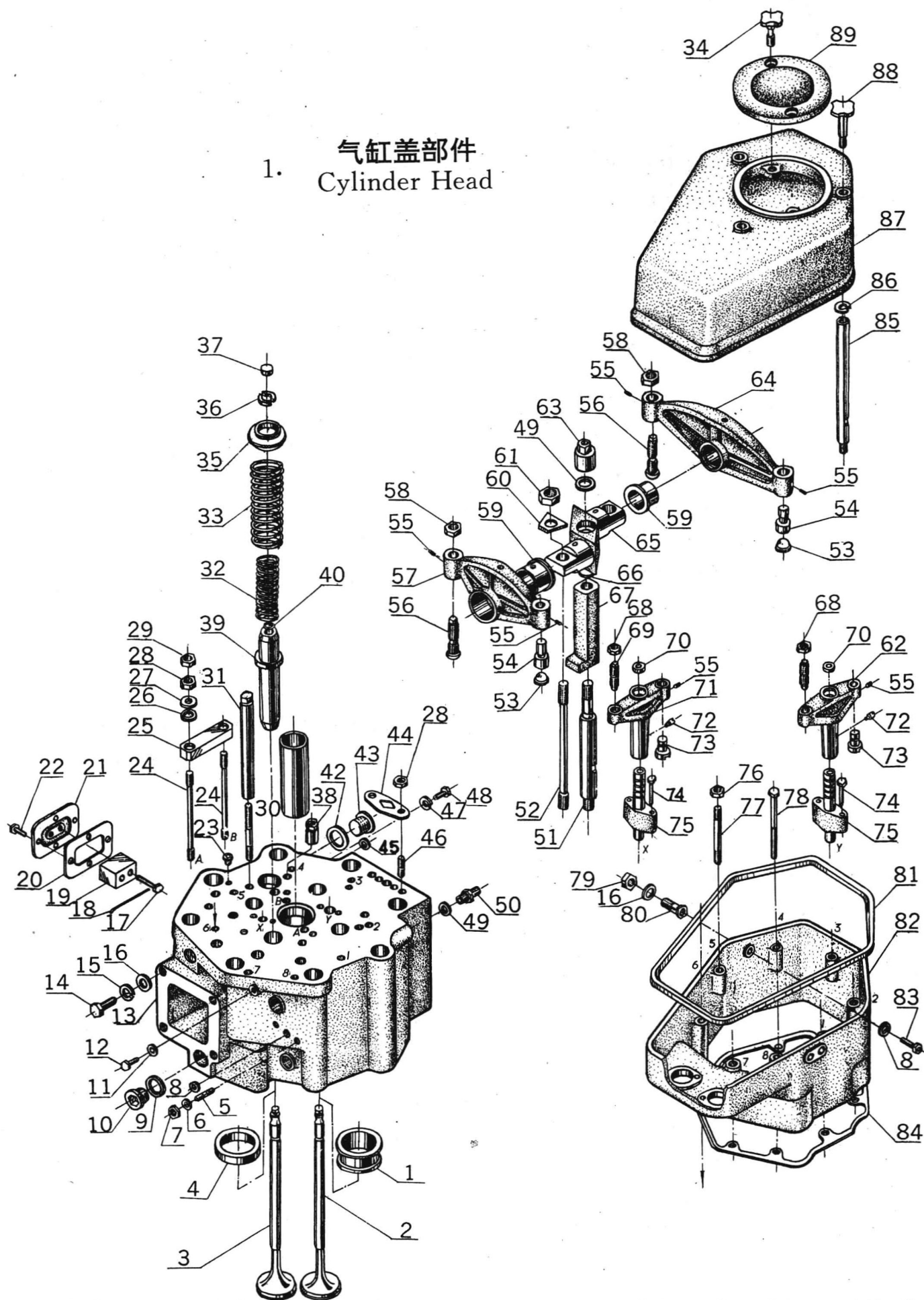
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| 1. 气缸盖部件<br>Cylinder Head |                 |                        |                                               | 部 件 号<br>Assy. No. |
|---------------------------|-----------------|------------------------|-----------------------------------------------|--------------------|
|                           |                 |                        |                                               | G-A01A-000         |
| 序号<br>Item                | 代 号<br>Part No. | 名 称<br>Description     | 数 量<br>Quantity                               |                    |
| 1                         | G-A01-B078B     | 排气阀座                   | Exhaust valve seat                            | 2                  |
| 2                         | G-A01-072       | 排气阀                    | Exhaust valve                                 | 2                  |
| 3                         | G-01-042        | 进气阀                    | Intake valve                                  | 2                  |
| 4                         | G-01-023B       | 进气阀座                   | Intake valve seat                             | 2                  |
| 5                         | GB898-88        | 双头螺柱 M14×40            | Stud M14×40                                   | 2                  |
| 6                         | GB93-87         | 弹簧垫圈 14                | Spring lock washer14                          | 2                  |
| 7                         | GB6170-86       | I 型六角螺母 M14            | Hexagon nut M14                               | 2                  |
| 8                         | GB3541-83       | 铜垫圈 12                 | Red copper washer12                           | 4                  |
| 9                         | G-01-048        | 垫圈                     | Red copper washer                             | 5                  |
| 10                        | Bj8-5-ZnD       | 内六角螺塞 M39×2            | Hexagon socket threaded plug M39×2            | 5                  |
| 11                        | GB3541-83       | 铜垫圈 10                 | Red copper washer10                           | 4                  |
| 12                        | GB3541-83       | 铰接螺栓 M10×1             | Banjo bolt M10×1                              | 2                  |
| 13                        | G-A01-002A      | 气缸盖                    | Cylinder head                                 | 1                  |
| 14                        | GB5783-86       | 六角头螺栓 M16×40           | Hexagon head bolt M16×40                      | 8                  |
| 15                        | GB93-87         | 弹簧垫圈 16                | Spring lock washer 16                         | 10                 |
| 16                        | GB97.1-87       | 平垫圈 16                 | Plain washer 16                               | 9                  |
| 17                        | G-01-001        | 螺栓                     | Bolt                                          | 4                  |
| 18                        | G-01-056        | 保险铜丝                   | Lock wire (copper)                            | 2                  |
| 19                        | G-01-005A       | 防腐锌块                   | Anti-Corrosion zinc plate                     | 2                  |
| 20                        | G-01-006        | 垫片                     | Gasket                                        | 2                  |
| 21                        | G-01-003        | 盖板                     | Cover                                         | 2                  |
| 22                        | GB5783-86       | 六角头螺栓 M8×20            | Hexagon head bolt M8×20                       | 8                  |
| 23                        | Bj8-2-ZnD       | 内六角螺塞 ZG $\frac{1}{4}$ | Hexagon socket threaded plug ZG $\frac{1}{4}$ | 2                  |
| 24                        | G-A01-073A      | 喷油器螺柱                  | Stud for injector                             | 2                  |
| 25                        | G-A01-009A      | 喷油器压板                  | Injector pressboard                           | 1                  |
| 26                        | GB850-88        | 锥面垫圈 16                | Washer with cone face 16                      | 2                  |
| 27                        | GB849-88        | 球面垫圈 16                | Washer with ball face 16                      | 2                  |
| 28                        | GB6170-86       | I 型六角螺母 M16            | Hexagon nut M16                               | 4                  |
| 29                        | GB6172-86       | 六角螺母 M16               | Hexagon nut M16                               | 2                  |

| 序号<br>Item | 代 号<br>Part No. | 名 称<br>Description |                                        | 数 量<br>Quantity |
|------------|-----------------|--------------------|----------------------------------------|-----------------|
| 30         | GB898-88        | 双头螺柱 M16×100       | stud M16×100                           | 2               |
| 31         | G-A01-008       | 起动阀长螺母             | Long nut for starting valve            | 1               |
| 32         | G-01-047        | 气阀内弹簧              | Valve inner spring                     | 4               |
| 33         | G-01-041A       | 气阀外弹簧              | Valve outer spring                     | 4               |
| 34         | G-01-800        | 观察孔盖手柄组件           | Check hole cover handle assy           | 2               |
| 35         | G-01-039        | 弹簧盖                | Cover for spring                       | 4               |
| 36         | G-01-038        | 卡块                 | Clamping cone                          | 4               |
| 37         | G-01-037A       | 阀帽                 | Valve top cap                          | 4               |
| 38         | G -01-014       | 起动阀短螺母             | Short nut for starting valve           | 1               |
| 39         | G-01-043        | 进气阀导管              | Valve guide                            | 4               |
| 40         | GB895.2-86      | 轴用钢丝挡圈 22          | Round wire snap ring for shaft 22      | 4               |
| 41         | G-01-026        | 水封套管               | Water sealing pipe                     | 1               |
| 42         | G-01-052        | 铜垫圈                | Red copper washer                      | 5               |
| 43         | G-01-051        | 内六角螺塞              | Hexagon socket threaded plug           | 5               |
| 44         | G-01-024A       | 出水管垫片              | Water outlet pipe gasket               | 1               |
| 45         | GB3541-83       | 铜垫圈 20             | Red copper washer 20                   | 2               |
| 46         | GB898-88        | 双头螺柱 M16×50        | Stud M16×50                            | 2               |
| 47         | GB93-87         | 弹簧垫圈 10            | Spring lock washer 10                  | 2               |
| 48         | GB5783-86       | 六角头螺栓 M10×30       | Hexagon head bolt M10×30               | 2               |
| 49         | GB3541-83       | 铜垫圈 24             | Red copper washer 24                   | 4               |
| 50         | Bj8-3           | 双外螺纹管接头 17         | Joint 17                               | 1               |
| 51         | G-A01-028       | 摇臂座中螺栓             | Rocker supporter intermediate stud     | 1               |
| 52         | G-01-027        | 进气摇臂座螺栓            | Intake rocker supporter bolt           | 2               |
| 53         | G-01-209        | 压球                 | Press-ball                             | 2               |
| 54         | G-01-205        | 压球座                | Press-ball seat                        | 2               |
| 55         | GB73-85         | 开槽平端紧定螺钉 M6×8      | Slotted set screw with flat point M6×8 | 6               |
| 56         | G-01-212        | 调节螺钉               | Adjusting screw                        | 2               |
| 57         | G-01-215        | 进气摇臂               | Intake rocker                          | 1               |
| 58         | G-01-222        | 调节螺母               | Adjusting nut                          | 2               |
| 59         | G-01-214B       | 摇臂铜套               | Rocker bush                            | 2               |
| 60         | G-01-216        | 止推块                | Stopping block                         | 2               |
| 61         | GB6170-86       | I 型六角螺母 M24        | Hexagon nut M24                        | 2               |

| 序号<br>Item | 代 号<br>Part No. | 名 称<br>Description |                             | 数 量<br>Quantity |
|------------|-----------------|--------------------|-----------------------------|-----------------|
| 62         | G-A01-204A      | 排气顶架               | Exhaust balance             | 1               |
| 63         | G-A01-019       | 摇臂中螺栓螺母            | Rocker intermediate nut     | 1               |
| 64         | G-01-211        | 排气摇臂               | Exhaust rocker              | 1               |
| 65         | G-A01-217A      | 摇臂轴                | Rocker shaft                | 1               |
| 66         | GB1235-76       | O 形橡胶密封圈 32×3.5    | O-Rubber seal ring 32×3.5   | 1               |
| 67         | G-01-219        | 进气摇臂座              | Intake rocker supporter     | 1               |
| 68         | GB9457-88       | 六角开槽螺母 M18×1.5     | Hexagon slotted nut M18×1.5 | 2               |
| 69         | G-01-207        | 顶架调节螺钉             | Balance adjusting screw     | 2               |
| 70         | G-01-208        | 硬块                 | Block                       | 2               |
| 71         | G-01-202        | 进气顶架               | Intake balance              | 1               |
| 72         | G-01-221A       | 定位螺栓               | Location bolt               | 2               |
| 73         | G-01-218        | 顶架硬块               | Balance block               | 2               |
| 74         | GB5783-86       | 六角头螺栓 M10×16       | Hexagon head bolt M10×16    | 4               |
| 75         | G-01-201A       | 进气导柱               | Intake guide column         | 2               |
| 76         | GB6170-86       | I 型六角螺母 M10        | Hexagon nut M10             | 6               |
| 77         | G-01-007B       | 罩座螺柱               | Shell stud                  | 6               |
| 78         | GB5782-86       | 六角头螺栓 M10×160      | Hexagon head bolt M10×160   | 2               |
| 79         | GB6173-86       | 六角薄螺母 M16×1.5      | Hexagon thin nut M16×1.5    | 1               |
| 80         | G-01-025A       | 接头                 | Joint                       | 1               |
| 81         | G-01-031B       | 密封垫                | Seal washer                 | 1               |
| 82         | G-01-015A       | 罩座                 | Shell seat                  | 1               |
| 83         | GB3541-83       | 铰接螺栓 M12×1.25      | Banjo bolt M12×1.25         | 1               |
| 84         | G-01-016        | 垫片                 | Gasket                      | 1               |
| 85         | G-A01-071A      | 罩壳手柄螺柱             | Shell handle stud           | 1               |
| 86         | GB896-86        | 开口挡圈 15            | “E”ring 15                  | 3               |
| 87         | G-A01-032A      | 上罩壳                | Upper shell                 | 1               |
| 88         | G-01-700        | 罩壳手柄组件             | Shell handle assy           | 3               |
| 89         | G-01-033A       | 观察孔盖               | Check hole cover            | 1               |

# 1. 气缸盖部件 Cylinder Head



## 2. 机 体 部 件 Frame

| 2. 机 体 部 件<br>Frame |                 |                    | 部 件 号<br>Assy. No. |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     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| 序号<br>Item          | 代 号<br>Part No. | 名 称<br>Description | 数 量<br>Quantity    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1                   | GB6170-86       | I 型六角螺母 M12        | 176                | 176 | 176 | 176 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |

| 序号<br>Item | 代 号<br>Part No. | 名 称<br>Description | 数 量<br>Quantity            |
|------------|-----------------|--------------------|----------------------------|
| 16         | GB97.1-85       | 平垫圈 12             |                            |
| 17         | LG-03-100       | 油管组件               |                            |
| 18         | 6G-03-200A      | 凸轮箱总油管组件           | 1 1                        |
|            | 6G1-03-200A     | 凸轮箱总油管组件           | 1 1                        |
|            | 8G-03-200A      | 凸轮箱总油管组件           | 1 1 1 1 1 1                |
| 19         | LG-03-500A      | 油管组件               | 6 6 6 6 8 8 8 8            |
| 20         | GB3541-83       | 铰接螺栓 M12×1.25      | 18 18 18 18 24 24 24 24 24 |
| 21         | GB3541-83       | 铜垫圈 12             | 36 36 36 36 48 48 48 48    |
| 22         | LG-03-300       | 油管组件               | 7 7 7 7 9 9 9 9            |
| 23         | GB3541-83       | 铰接螺栓 M10×1         | 12 12 12 12 16 16 16 16    |
| 24         | GB3541-83       | 铜垫圈 10             | 29 29 29 29 33 33 33 33    |
| 25         | GB6170-86       | I 型六角螺母 M16        | 18 18 18 18 22 22 22 22    |
| 26         | GB93-87         | 弹簧垫圈 16            | 28 28 26 26 32 32 30 30    |
| 27         | G-03-047        | 凸轮轴螺栓              | 14 14 14 14 18 18 18 18    |
| 28         | G-03-035A       | 凸轮轴轴承盖             | 7 7 7 7 9 9 9 9            |
| 29         | G-03-033        | 凸轮轴承(盖)            | 7 7 7 7 9 9 9 9            |
| 30         | G-03-034        | 凸轮轴承(体)            | 7 7 7 7 9 9 9 9            |
| 31         | LG-03-022       | 后端小盖               | 1 1 1 1                    |
|            | LG1-03-022      | 后端小盖               | 1 1 1 1                    |
| 32         | LG-03-044       | 后盖端垫片              | 1 1 1 1 1 1 1 1            |
| 33         | GB97.1-85       | 平垫圈 10             | 65 65 65 65 85 85 85 85    |
| 34         | GB5783-86       | 六角头螺栓 M10×30       | 11 11 11 11 11 11 11 11    |
| 35         | GB898-88        | 双头螺栓 M12×35        | 45 45 45 45 53 53 53 53    |

| 序号<br>Item | 代 号<br>Part No. | 名 称<br>Description | 数 量<br>Quantity |    |    |    |    |    |    |    |    |   |   |   |
|------------|-----------------|--------------------|-----------------|----|----|----|----|----|----|----|----|---|---|---|
| 36         | LG-03-064       | 垫片                 | 1               | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1 | 1 | 1 |
| 37         | 6G-03-001       | 机体                 | 1               |    |    |    |    |    |    |    |    |   |   |   |
|            | 6G1-03-001      | 机体                 |                 |    |    |    |    |    |    |    |    |   |   |   |
|            | 8G-03-001       | 机体                 |                 |    |    |    |    |    |    |    |    |   |   |   |
|            | 8G1-03-001      | 机体                 |                 |    |    |    |    |    |    |    |    |   |   |   |
| 38         | GB5783-86       | 六角头螺栓 M8×20        | 3               | 3  | 9  | 9  | 4  | 4  | 10 | 10 | 10 |   |   |   |
| 39         | GB93-87         | 弹簧垫圈 8             | 27              | 27 | 33 | 33 | 40 | 40 | 46 | 46 | 46 |   |   |   |
| 40         | GB97.1-85       | 平垫圈 8              | 27              | 27 | 27 | 27 | 40 | 40 | 40 | 40 | 40 |   |   |   |
| 41         | LG-03-057       | 管夹                 | 3               | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 4  |   |   |   |
| 42         | LG-03-055       | 堵块                 | 1               | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |   |   |   |
| 43         | LG-03-042       | 垫片                 | 1               | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |   |   |   |
| 44         | LG-03-028       | 换向油缸垫块             | 1               | 1  |    |    |    |    |    |    |    |   |   |   |
|            | LGB-03-028      | 定位块                |                 |    | 1  | 1  |    |    | 1  | 1  | 1  |   |   |   |
| 45         | GB5782-86       | 六角头螺栓 M16×45       | 2               | 2  |    |    | 2  | 2  |    |    |    |   |   |   |
| 46         | GB898-88        | 双头螺栓 M16×60        | 4               | 4  |    |    |    |    | 4  | 4  |    |   |   |   |
| 47         | GB5783-86       | 六角头螺栓 M16×40       | 8               | 8  | 12 | 12 | 8  | 8  | 12 | 12 | 12 |   |   |   |
| 48         | GB118-86        | 内螺纹圆锥销 12×35       | 6               | 6  | 7  | 7  | 6  | 6  | 7  | 7  | 7  |   |   |   |
| 49         | LG-03-1000A     | 操纵箱支架焊接组件          | 1               | 1  |    |    | 1  | 1  |    |    |    |   |   |   |
|            | LG1-03-1000A    | 操纵箱支架焊接组件          |                 |    | 1  | 1  |    |    | 1  | 1  |    |   |   |   |
|            | LGD1-03-1000A   | 操纵箱支架焊接组件          |                 |    |    |    |    |    |    |    |    |   |   |   |
| 50         | GB5782-86       | 六角头螺栓 M10×75       | 4               | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |   |   |   |
| 51         | LG-03-900A      | 仪表板支架焊接组件          | 1               | 1  |    |    | 1  | 1  |    |    |    |   |   |   |
|            | LG1-03-900A     | 仪表板支架焊接组件          |                 |    |    |    |    |    |    |    |    |   |   |   |



| 序号<br>Item | 代号<br>Part No. | 名称<br>Description      | 数量<br>Quantity |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------|----------------|------------------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 52         | GB5783-86      | 六角头螺栓 M12×25           | 14             | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 53         | GB5783-86      | 六角头螺栓 M6×25            | 4              | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 54         | GB93-87        | 弹簧垫圈 6                 | 4              | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 55         | GB5782-86      | 六角头螺栓 M10×50           | 14             | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 56         | GB6170-86      | I 型六角螺母 M18            | 24             | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 57         | GB93-87        | 弹簧垫圈 18                | 24             | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 58         | G-03-004       | 双头螺栓                   | 24             | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 59         | GB6170-86      | I 型六角螺母 M10            | 70             | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 60         | GB898-88       | 双头螺栓 M10×25            | 64             | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 61         | GB70-85        | 圆柱头内六角螺钉 M10×70        | 12             | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 62         | Bj8-2-ZnD      | 内六角螺塞 ZG $\frac{1}{4}$ | 6              | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
| 63         | GB6170-86      | I 型六角螺母 M14            | 46             | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| 64         | GB93-87        | 弹簧垫圈 14                | 46             | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| 65         | GB898-88       | 双头螺栓 M14×40            | 28             | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| 66         | GB119-86       | 圆柱销 A6×30              | 14             | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 67         | Bj5-1          | 带肩圆柱定位销 20×40          | 2              | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 68         | LG-03-046      | 保险铁丝                   | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 69         | LG-03-026A     | 六角螺栓                   | 5              | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
| 70         | GB97.1-85      | 平垫圈 20                 | 19             | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 71         | LG-03-048      | 保险铁丝                   | 1              | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 72         | GB32.1-88      | 六角头头部带孔螺栓 M12×35       | 6              | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
| 73         | Bj5-1          | 带肩圆柱定位销 8×22           | 2              | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 74         | GB118-86       | 内螺纹圆锥销 12×50           | 2              | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |