



GW2.8TC型增压柴油机 零部件图册

PARTS CATALOGUE OF GW2.8TC TURBO - DIESEL ENGINE

保定长城内燃机制造有限公司
Baoding Great Wall Internal Combustion
Engine Manufacturing Company Limited

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PARTS CATALOGUE OF GW2.8TC
TURBO - DIESEL ENGINE

保定长城内燃机制造有限公司 编绘
Edited and Drawn by Baoding Great Wall Internal Combustion
Engine Manufacturing Company Limited

汽车图书编辑部
AUTOMOTIVE BOOKS EDITORIAL DEPARTMENT

使用方法

1. 根据零部件图册目录可查找零部件总成插图和零部件明细表。
2. 如果知道零部件名称,可参照零部件明细表查出与其相对应的插图(零部件的形状和安装位置)、零部件代号和用量(件)。
3. 如果不知道零部件的名称,可查找含该零部件总成的插图,根据该零部件安装位置确认该零部件,然后在插图中查出该零部件及其标号,并在零部件明细表中查出与其对应的零部件名称、零部件代号和用量(件)。

METHODS OF USE

1. You can find out the component assembly illustration and detailed parts list in accordance with the contents of this catalogue.
2. You can find out the part's illustration(the part's shape and its fitting position), the part codes and the needed total amount of the part for the assembly in accordance with detailed parts list if you know the name of the part in advance.
3. You can look for the assembly illustration including the part and confirm it according to its fitting position, then find out this part and its mark number from the illustration, as well as its name, its code and the needed total amount of the part of the assembly from detailed parts list if you don't know the name of the part in advance.

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保定长城内燃机制造有限公司 编绘

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前 言

GW2.8TC 型增压柴油机是以 GW2.8TDI 型增压柴油机为基础开发出的高压油轨式柴油机。该柴油机供油压力、供油规律可自由控制,在 2 气门及传统配气系统机构条件下,可实现欧Ⅲ排放要求,而且可降低燃烧噪声。

GW2.8TC 型增压柴油机具有噪声低、动力性、经济性好,低温启动迅速、高低速性能俱佳,质量轻、可靠性好等特点,是皮卡、SUV、商用汽车、轻型载货汽车和轻型客车的理想动力。

《GW2.8TC 型增压柴油机零部件图册》根据保定长城内燃机制造有限公司现行的 GW2.8TC 型增压柴油机生产图纸编绘。用户通过阅读本图册,可以对该柴油机的构造、零部件装配关系有较全面的了解,并可以通过本图册方便地选购零部件,对于提高使用、维修水平大有裨益。

GW2.8TC 型增压柴油机执行标准:GB/T1147-1987“内燃机通用技术条件”。

零部件明细表中的“标号”栏是指零部件相应插图号;“零部件代号”为“零部件图号”;零部件代号中,标有“-E02”的为与 GW4D28 型柴油机通用件;标有“-E03”的为与 GW2.8TDI 型增压柴油机通用件;标有“-E06”的为 GW2.8TC 型增压柴油机专用件。“用量”栏为本总成或系统所需零部件用量(件);标准件代号,标注“GB……”的为国家标准;标注“JB……”的为(原机械部)部颁标准;标注“Q……”的为汽车专业代号。

随着技术进步和产品用途的不断拓展,GW2.8TC 型增压柴油机的结构和附件会有改进和变化,恕不能通告用户。您购买的柴油机零部件可能与本图册不完全一致,应以现行产品为准,我们将适时对图册进行修改和补充。

请原谅,我们必须保留供货范围、装备和技术方面的更改权。因此,用户不得以本图册的零部件插图和明细表为根据提出任何要求。若有问题,请向保定长城内燃机制造有限公司咨询。

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保定长城内燃机制造有限公司

二零零六年五月十六日

PREFACE

GW2.8TC turbo - diesel engine is high pressure fuel rail - type diesel engine and was developed on the basis of GW2.8TDI turbo - diesel engine. Its oil supply pressure and oil supply regular can be flexibility controlled. In the condition of two valves and tradition timing gear system, it can attain the Euro III exhaust standard, and decrease the noise of burning.

GW2.8TC turbo - diesel engine's advantages include low noise, great power efficiency, economy, rapid starting under low temperature, good performance with both high and low speed, light weight, good reliability, etc. It is an ideal engine for Pick - up, SUV, Commercial vehicle, light trucks and light buses.

This 《Parts Catalogue of GW2.8TC Turbo - Diesel Engine》 is edited in accordance with the manufacturing drawings of current diesel engines by Baoding Great Wall Internal Combustion Engine Manufacturing Company Limited. Through reading this catalogue, customers can have a comprehensive understanding of the structure and parts assembling relation of this engine, and be able to conveniently choose and purchase the parts for the engine. So it is very helpful for the users in the process of using, maintenance and reparation.

The executive standard of GW2.8TC turbo - diesel engine is GB/T 1147 - 1987 《Reciprocating Internal Combustion Engine - General Technical Specifications》.

The "No. " in the catalogue indicates the corresponding number in illustrations; In the drawing No. , " - E02" indicates the common parts of GW4D28 diesel engine and this engine; " - E03" indicates the common parts of GW2.8TDI turbo - diesel engine and this

parts of GW2.8TC turbo - diesel engine. "Qty." indicated for the corresponding assembly or system. For national standard; "JB" means the standard of the means the automobile industry specific code

technology and the extending of the application of our of GW2.8TC turbo - diesel engine will be improved update information is not noted timely. Thus, if the from this catalogue, please follow the current product just the content of the catalogue timely.

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engine; " - E06" indicates the special indicates the total amount of the parts in standard parts, "GB" means national Ministry of Machinery Industry; "Q

With the development of the technology products, the structure and attachments and adjusted. Please forgive us if the parts you have purchased are different from standards, and we will replenish and adjust.

We regret that we have to retain the technology. Therefore, users can not print the parts and illustrations of the catalogue. Great Wall Internal Combustion Engine Manufacturing Company Limited.

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Baoding Great Wall Internal Combustion
Engine Manufacturing Company Limited
May 16, 2006

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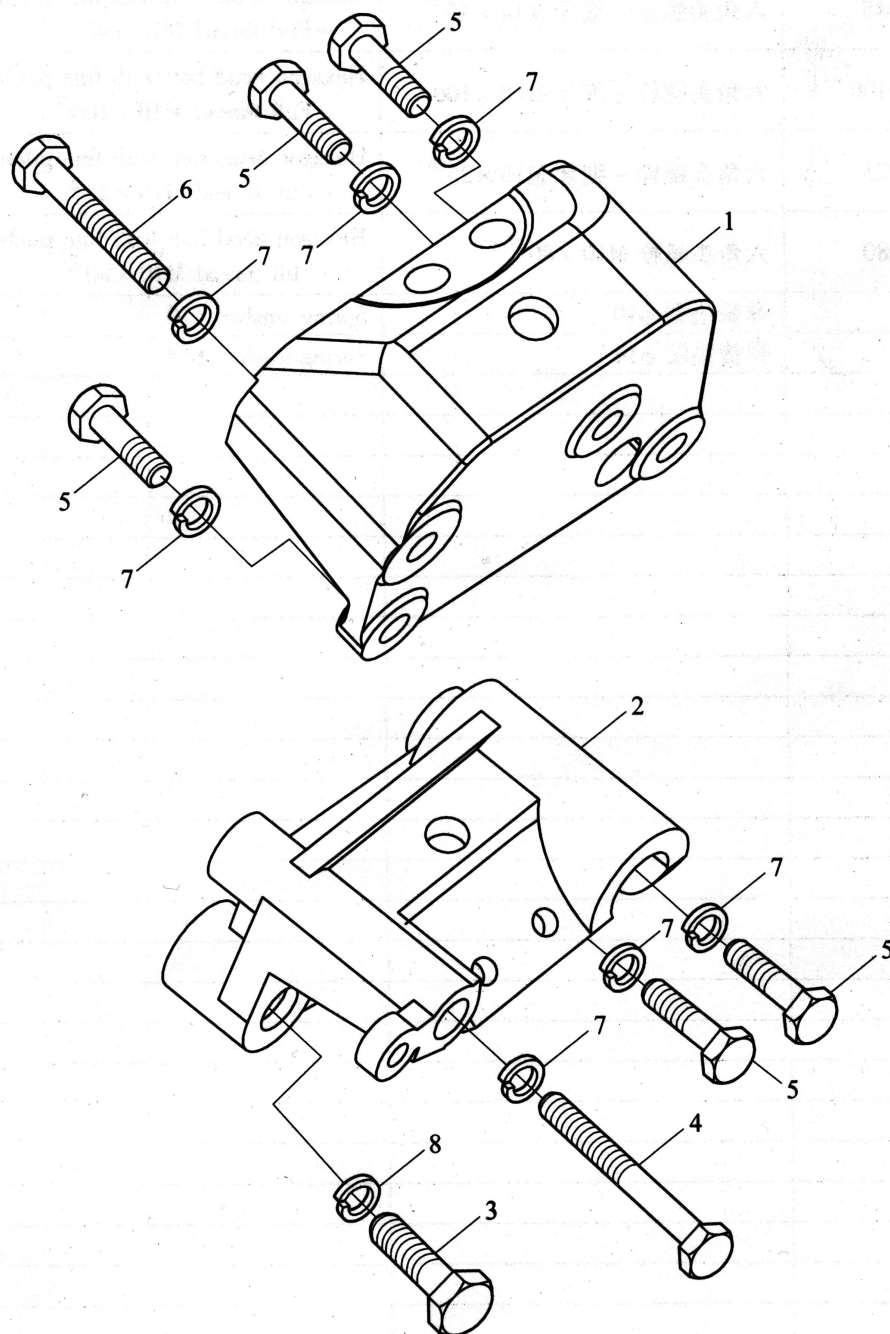
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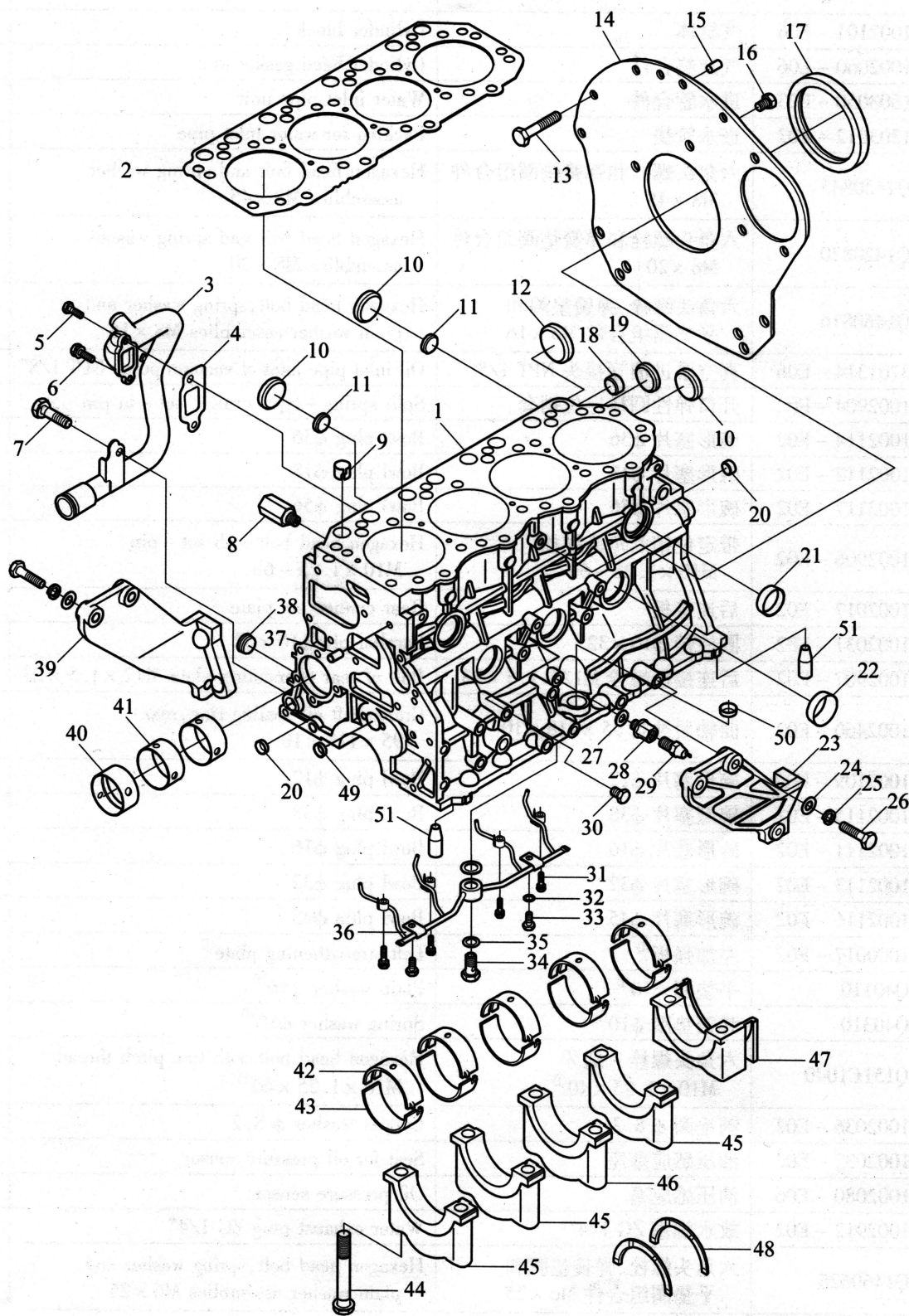
柴油机支承总成 Diesel Engine Mounting Support Assembly



柴油机支承总成 Diesel Engine Mounting Support Assembly

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气缸体总成 Cylinder Block Assembly



气缸体总成 Cylinder Block Assembly

标号 No.	零部件代号 Drawing No.	零部件名称及规格	Part Name and Standards	用量 Qty.
1	1002101 - E06	气缸体	Cylinder block	1
2	1002060 - E06	气缸垫合件	Cylinder head gasket unit	1
3	1303050 - E03	进水管合件	Water inlet pipe unit	1
4	1303012 - E02	进水管垫	Packing for water inlet pipe	1
5	Q1420845	六角头螺栓和弹簧垫圈组合件 M8 × 45	Hexagon head bolt and spring washer assemblies M8 × 45	1
6	Q1420820	六角头螺栓和弹簧垫圈组合件 M8 × 20	Hexagon head bolt and spring washer assemblies M8 × 20	1
7	Q1460816	六角头螺栓、弹簧垫圈和 平垫圈组合件 M8 × 16	Hexagon head bolt, spring washer and plain washer assemblies M8 × 16	1
8	3701314 - E06	真空泵进油管接头 NPT 1/8"	Oil inlet pipe joint of vacuum pump NPT 1/8"	1
9	1002904 - E02	开口弹性圆柱定位销套	Split spring - type straight set - in pin	2
10	1002114 - E02	碗形塞片 φ36	Bowl plug φ36	3
11	1002112 - E02	碗形塞片 φ18	Bowl plug φ18	3
12	1002117 - E02	碗形塞片 φ56	Bowl plug φ56	1
13	1002906 - E02	带定位销六角头螺栓 M10 × 1.25 - 6h	Hexagon head bolt with set - pin M10 × 1.25 - 6h	1
14	1002017 - E02	后连接板	Rear connecting plate	1
15	1002037 - E02	圆柱销 φ10 × 32	Parallel pin φ10 × 32	1
16	1002907 - E02	后连接板螺栓 M12 × 1.5 × 23	Bolt of rear connecting plate M12 × 1.5 × 23	3
17	1002460 - E02	曲轴后油封 95 × 118 × 10	Crankshaft oil sealing ring, rear 95 × 118 × 10	1
18	1002109 - E02	碗形塞片 φ12	Bowl plug φ12	1
19	1002115 - E02	碗型塞片 φ38	Bowl plug φ38	1
20	1002111 - E02	碗形塞片 φ16	Bowl plug φ16	2
21	1002113 - E02	碗形塞片 φ32	Bowl plug φ32	2
22	1002116 - E02	碗形塞片 φ45	Bowl plug φ45	3
23	1000017 - E02	左加强板 ^①	Left strengthening plate ^①	1
24	Q40110	平垫圈 φ10 ^①	Plain washer φ10 ^①	3
25	Q40310	弹簧垫圈 φ10 ^①	Spring washer φ10 ^①	3
26	Q151C1040	六角头螺栓 - 细牙 M10 × 1.25 × 40 ^①	Hexagon head bolt with fine pitch thread M10 × 1.25 × 40 ^①	3
27	1002036 - E02	铜垫圈 φ 8.2	Copper washer φ 8.2	1
28	1002035 - E02	油压感应塞座	Seat for oil pressure sensor	1
29	1002080 - E06	油压感应塞	Oil pressure sensor	1
30	1002912 - E02	放水螺塞 ZG 1/4"	Water exhaust plug ZG 1/4"	1
31	Q1460625	六角头螺栓、弹簧垫圈和 平垫圈组合件 M6 × 25	Hexagon head bolt, spring washer and plain washer assemblies M6 × 25	4
32	Q40108	平垫圈 φ8	Plain washer φ8	2

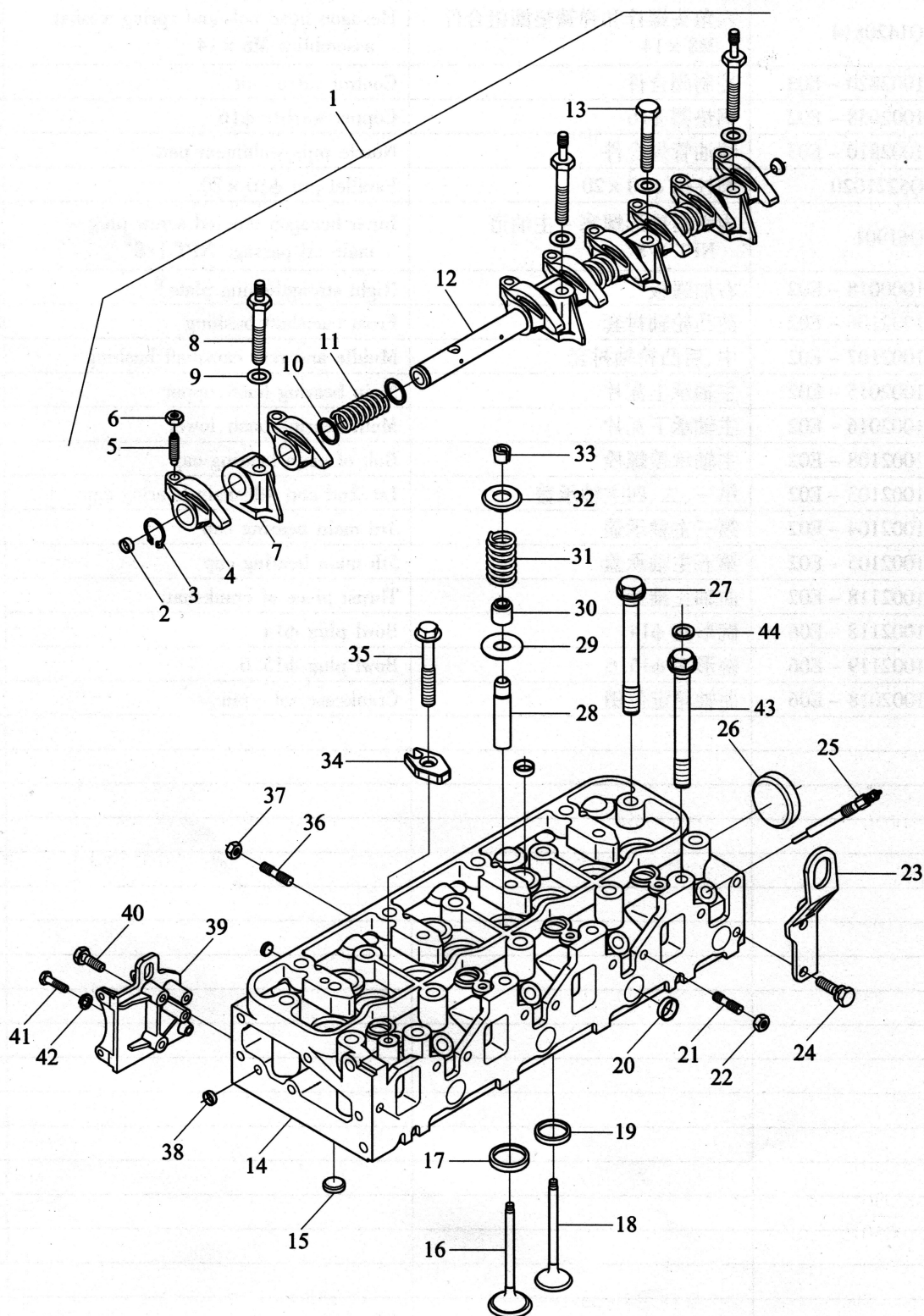
注：①用于钢油底壳 Note: ① For steel oil sump.

气缸体总成 Cylinder Block Assembly

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注: ①用于钢油底壳。 Note: ① For steel oil sump.

气缸盖总成 - 1 Cylinder Head Assembly - 1



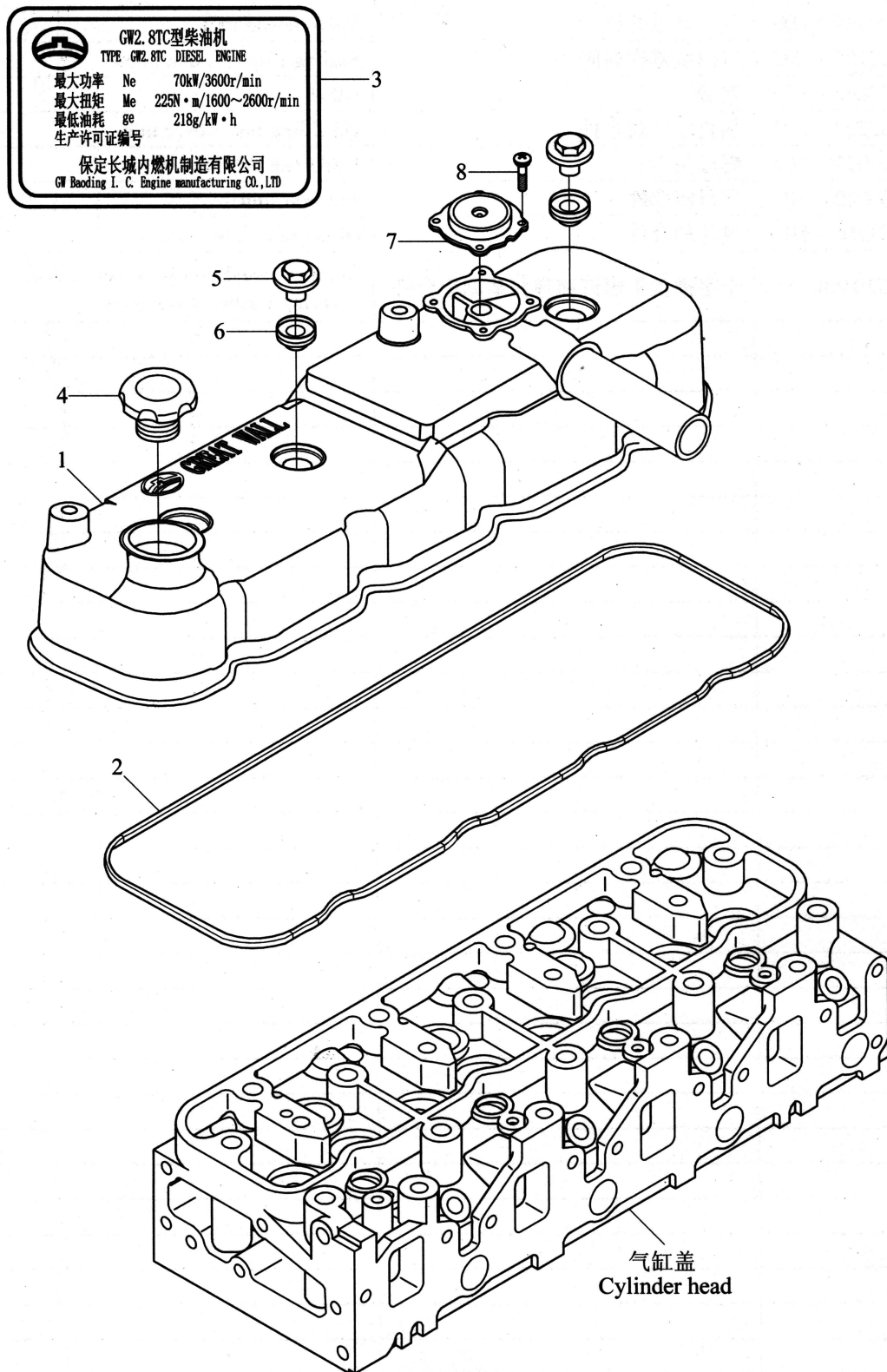
气缸盖总成 - 1 Cylinder Head Assembly - 1

标号 No.	零部件代号 Drawing No.	零部件名称及规格	Part Name and Standards	用量 Qty.
1	1007100 - E06	摇臂机构总成	Rocker arm mechanism assembly	1
2	1007135 - E02	碗形塞片 - 摇臂轴端部 $\phi 11.5$	Bowl plug - rocker arm shaft end $\phi 11.5$	2
3	Q43119	轴用弹性挡圈 - A 型	Circlip for shaft - Type A	2
4	1007120 - E02	摇臂	Rocker arm	8
5	1007132 - E02	调整螺钉 M8 - 5h4h	Adjusting screw M8 - 5h4h	8
6	1007133 - E02	锁紧螺母 M8 - 5H	Locking nut M8 - 5H	8
7	1007136 - E02	摇臂轴支架	Rocker arm shaft bracket	4
8	1007119 - E02	六角头螺栓 - 摇臂轴支架 M8 - 6g	Hexagon head bolt of rocker arm shaft bracket M8 - 6g	3
9	Q40110	平垫圈 $\phi 10$	Plain washer $\phi 10$	4
10	1007142 - E02	摇臂轴弹簧垫圈	Spring washer of rocker arm shaft	6
11	1007138 - E02	弹簧 - 摇臂轴	Spring for rocker arm shaft	3
12	1007134 - E02	摇臂轴	Rocker arm shaft	1
13	Q151C1060TF2	六角头螺栓 - 细牙 M10 $\times$ 60	Hexagon head bolt with fine pitch thread M10 $\times$ 60	1
14	1003101 - E06	气缸盖	Cylinder head	1
15	1002111 - E02	碗形塞片 $\phi 16$	Bowl plug $\phi 16$	3
16	1003011 - E03	进气门	Inlet valve	4
17	1003102 - E02	进气门座	Inlet valve seat	4
18	1003012 - E02	排气门	Exhaust valve	4
19	1003103 - E02	排气门座	Exhaust valve seat	4
20	1003105 - E02	碗形塞片 $\phi 22$	Bowl plug $\phi 22$	7
21	Q1200830	双头螺柱 M8 $\times$ 30	Double end stud M8 $\times$ 30	2
22	Q32008	六角法兰面螺母 M8	Hexagon nut with flange M8	2
23	1003022 - E02	发动机后吊钩	Rear hoisting hook of diesel engine	1
24	Q1420820	六角头螺栓和弹簧垫圈组合件 M8 $\times$ 20	Hexagon head bolt and spring washer assemblies M8 $\times$ 20	2
25	3770100 - E06	预热塞	Preheating plug	4
26	1002116 - E02	碗形塞片 $\phi 45$	Bowl plug $\phi 45$	1
27	1003014 - E02	缸盖螺栓 M11 $\times$ 1.5 - 4h	Bolt of cylinder cap M11 $\times$ 1.5 - 4h	14
28	1003104 - E02	气门导管	Valve guide pipe	8
29	1003019 - E02	气门弹簧下垫片	Spring lower washer of valve	8
30	1003060 - E02	气门油封	Oil sealing ring of valve	8
31	1003013 - E02	气门弹簧	Valve spring	8
32	1003017 - E02	气门弹簧座	Valve spring seat	8
33	1003018 - E02	气门锁片	Valve split collet	16
34	1003015 - E06	喷油器压板	Clamp plate, fuel injector	4
35	1003901 - E06	喷油器紧固螺栓 M8 $\times$ 1 - 6h	Fastening bolt, fuel injector M8 $\times$ 1 - 6h	4
36	Q1200835	双头螺柱 M8 $\times$ 35	Double end stud M8 $\times$ 35	2
37	Q32008F6	六角法兰面螺母 M8	Hexagon nut with flange M8	2
38	1002109 - E02	碗形塞片 $\phi 12$	Bowl plug $\phi 12$	5

气缸盖总成 -1 Cylinder Head Assembly -1

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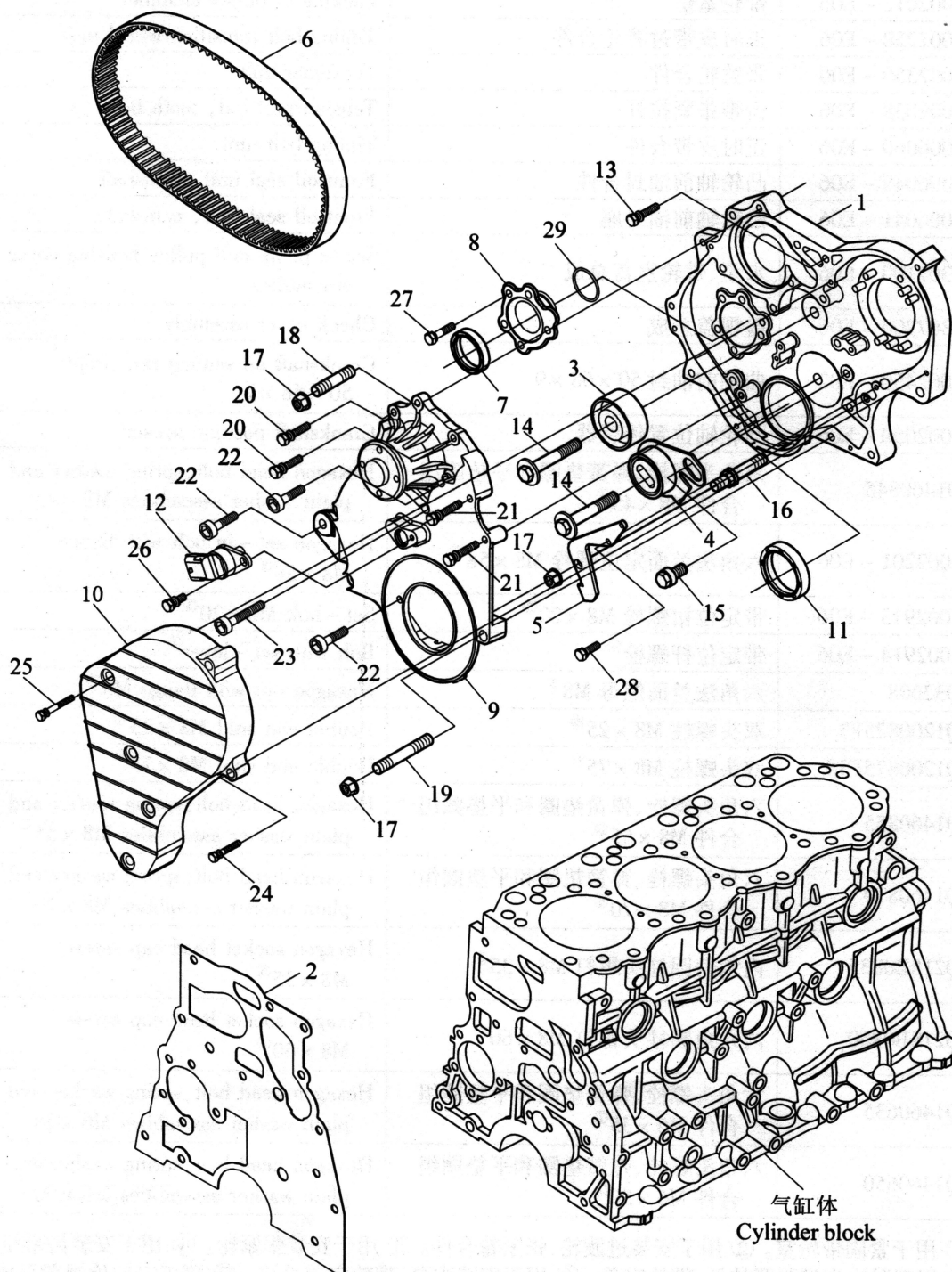
气缸盖总成 - 2 Cylinder Head Assembly - 2



气缸盖总成 -2 Cylinder Head Assembly -2

[illegible]

正时带轮室总成 Timing Pulley Chamber Assembly



正时带轮室总成 Timing Pulley Chamber Assembly

标号 No.	零部件代号 Drawing No.	零部件名称及规格	Part Name and Standards	用量 Qty.
1	1002401 - E06	带轮室	Pulley chamber	1
2	1002012 - E06	带轮室垫	Packing of pulley chamber	1
3	1002250 - E06	正时皮带过渡轮合件	Timing belt transition wheel unit	1
4	1002350 - E06	张紧轮合件	Tensioner unit	1
5	1002038 - E06	齿带张紧拉杆	Tension pull rod, tooth belt	1
6	1006060 - E06	正时皮带合件	Timing belt unit	1
7	1006045 - E06	凸轮轴前油封合件	Front oil seal unit, camshaft	1
8	1006041 - E06	凸轮轴前油封座	Front oil seal seat, camshaft	1
9	1307100 - E06	水泵、带轮室盖总成	Water pump and pulley housing cover assemblies	1
10	1307200 - E06	检视盖总成	Check cover assembly	1
11	1002450 - E02	曲轴前油封 50 × 68 × 9	Crankshaft oil sealing ring, front 50 × 68 × 9	1
12	1002050 - E06	凸轮轴位置传感器	Crankshaft position sensor	1
13	Q1460845	六角头螺栓、弹簧垫圈和平垫圈组合件 M8 × 45 ^①	Hexagon head bolt, spring washer and plain washer assemblies M8 × 45	1
14	1002201 - E06	六角法兰面定位螺栓 M8 × 58 ^②	Hexagon set - in bolt with flange M8 × 58 ^②	2
15	1002913 - E06	带定位裙螺栓 M8 × 20 ^③	Set - bolt M8 × 20 ^③	1
16	1002914 - E06	带定位杆螺栓 ^④	Bolt with set - lever ^④	1
17	Q32008	六角法兰面螺母 M8 ^⑤	Hexagon nut with flange M8 ^⑤	3
18	Q1200825F3	双头螺柱 M8 × 25 ^⑥	Double end stud M8 × 25 ^⑥	1
19	Q1200875F3S	双头螺柱 M8 × 75 ^⑥	Double end stud M8 × 75 ^⑥	1
20	Q1460855	六角头螺栓、弹簧垫圈和平垫圈组合件 M8 × 55 ^⑥	Hexagon head bolt, spring washer and plain washer assemblies M8 × 55 ^⑥	3
21	Q1460870	六角头螺栓、弹簧垫圈和平垫圈组合件 M8 × 70 ^⑥	Hexagon head bolt, spring washer and plain washer assemblies M8 × 70 ^⑥	2
22	Q218B0835	内六角圆柱头螺钉 M8 × 35 ^⑥	Hexagon socket head cap screw M8 × 35 ^⑥	3
23	Q218B0860	内六角圆柱头螺钉 M8 × 60 ^⑥	Hexagon socket head cap screw M8 × 60 ^⑥	2
24	Q1460635	六角头螺栓、弹簧垫圈和平垫圈组合件 M6 × 35 ^⑦	Hexagon head bolt, spring washer and plain washer assemblies M6 × 35 ^⑦	1
25	Q1460650	六角头螺栓、弹簧垫圈和平垫圈组合件 M6 × 50 ^⑦	Hexagon head bolt, spring washer and plain washer assemblies M6 × 50 ^⑦	5

注：① 用于紧固带轮室。② 用于安装过渡轮、张紧轮合件。③ 用于安装张紧轮。④ 用于安装齿带张紧拉杆。⑤ 用于紧固齿带张紧拉杆、带轮室盖。⑥ 用于安装水泵、带轮室盖总成。⑦ 用于安装检视盖总成。

Note: ① For fastening pulley chamber. ② For mounting the transition wheel and tensioner wheel unit. ③ For mounting tensioner wheel. ④ For mounting tension pull rod of tooth belt. ⑤ For fastening tension pull rod of tooth belt and pulley housing cover. ⑥ For mounting water pump and pulley housing cover. ⑦ For mounting check cover assembly.

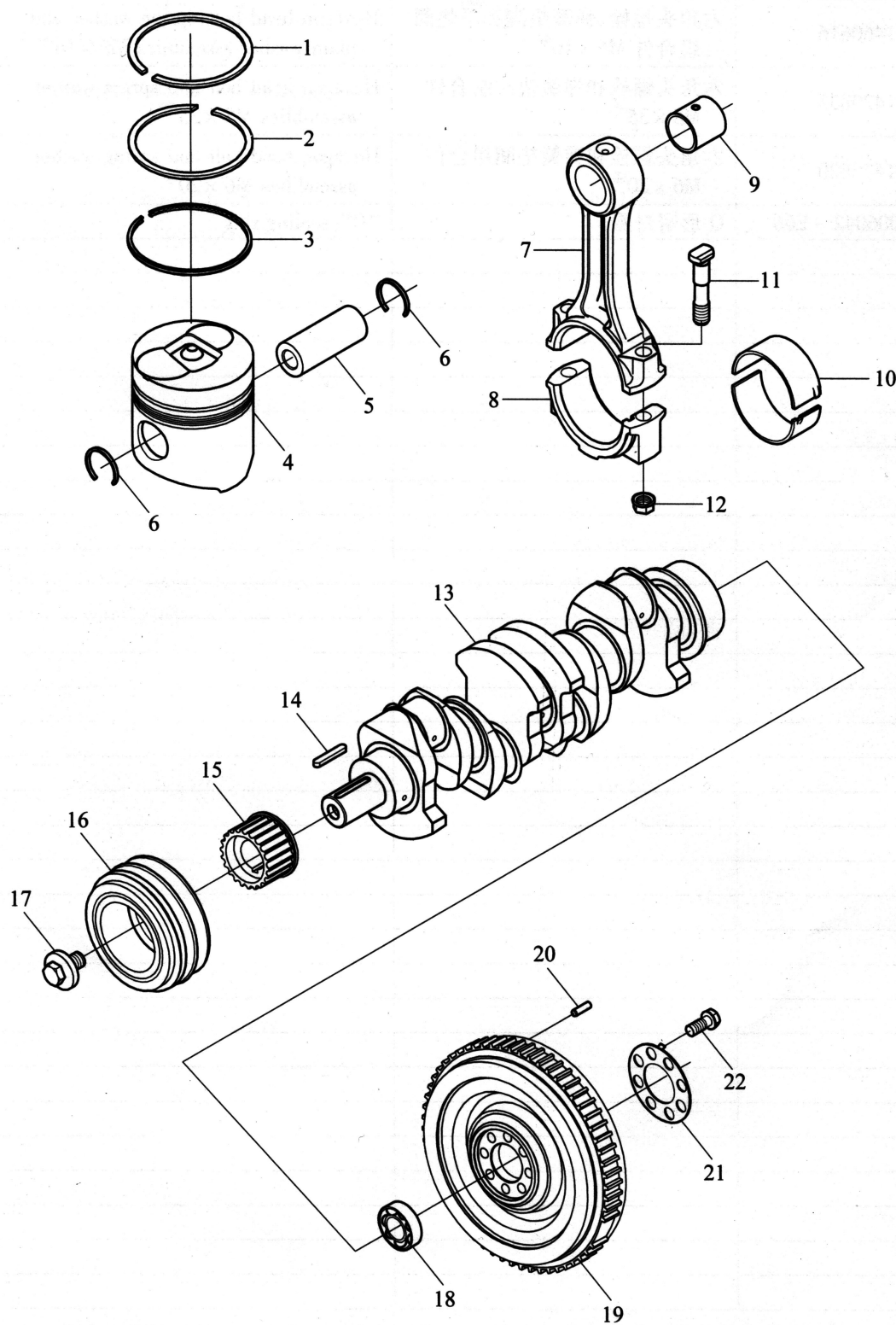
正时带轮室总成 Timing Pulley Chamber Assembly

[illegible]

注: ④用于安装齿带张紧拉杆。⑧用于安装凸轮轴位置传感器。⑨用于安装凸轮轴前油封座。

Note: ④ For mounting tension pull rod of tooth belt. ⑧ For mounting camshaft position sensor. ⑨ For mounting front oil seal seat of camshaft.

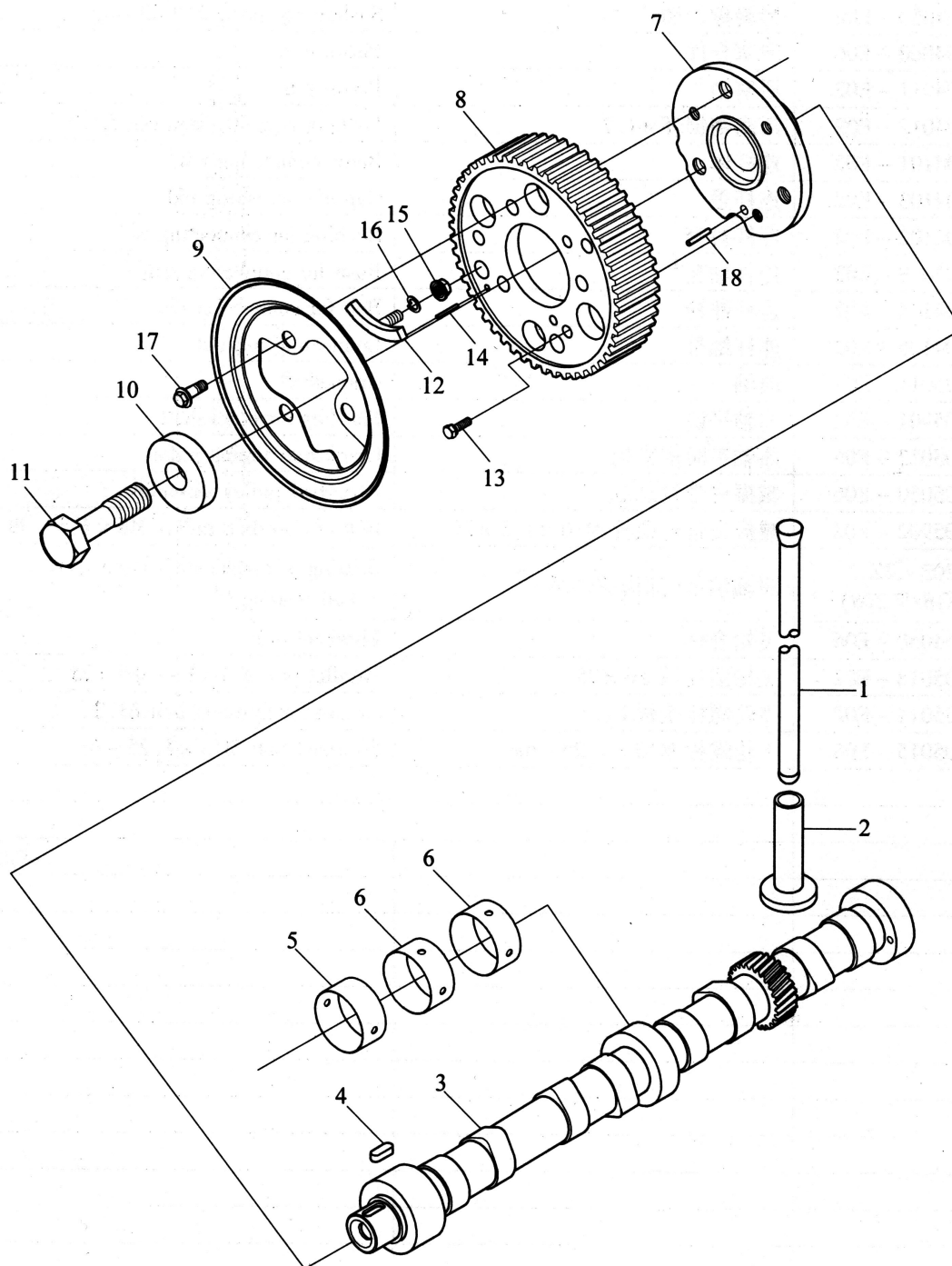
曲轴连杆总成 Crankshaft and Connecting Rod Assembly



曲轴连杆总成 Crankshaft and Connecting Rod Assembly

[illegible]

凸轮轴总成 Camshaft Assembly



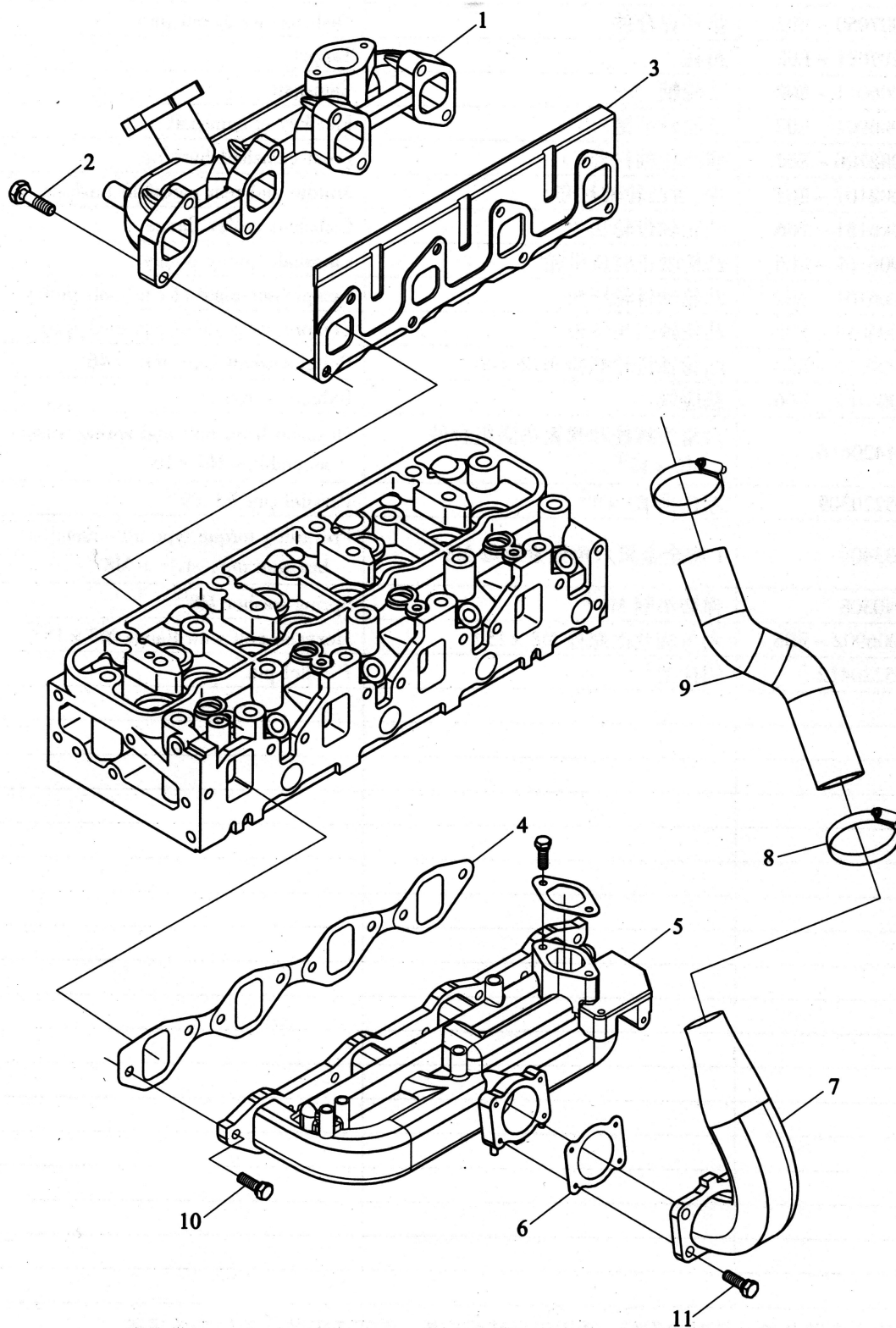
凸轮轴总成 Camshaft Assembly

[illegible]

注: ①用于安装凸轮轴正时皮带轮。②用于安装感应铁。③用于安装凸轮轴带轮压板。

Note: ① For mounting camshaft timing pulley. ② For mounting induction iron. ③ For mounting compressor plate of camshaft pulley.

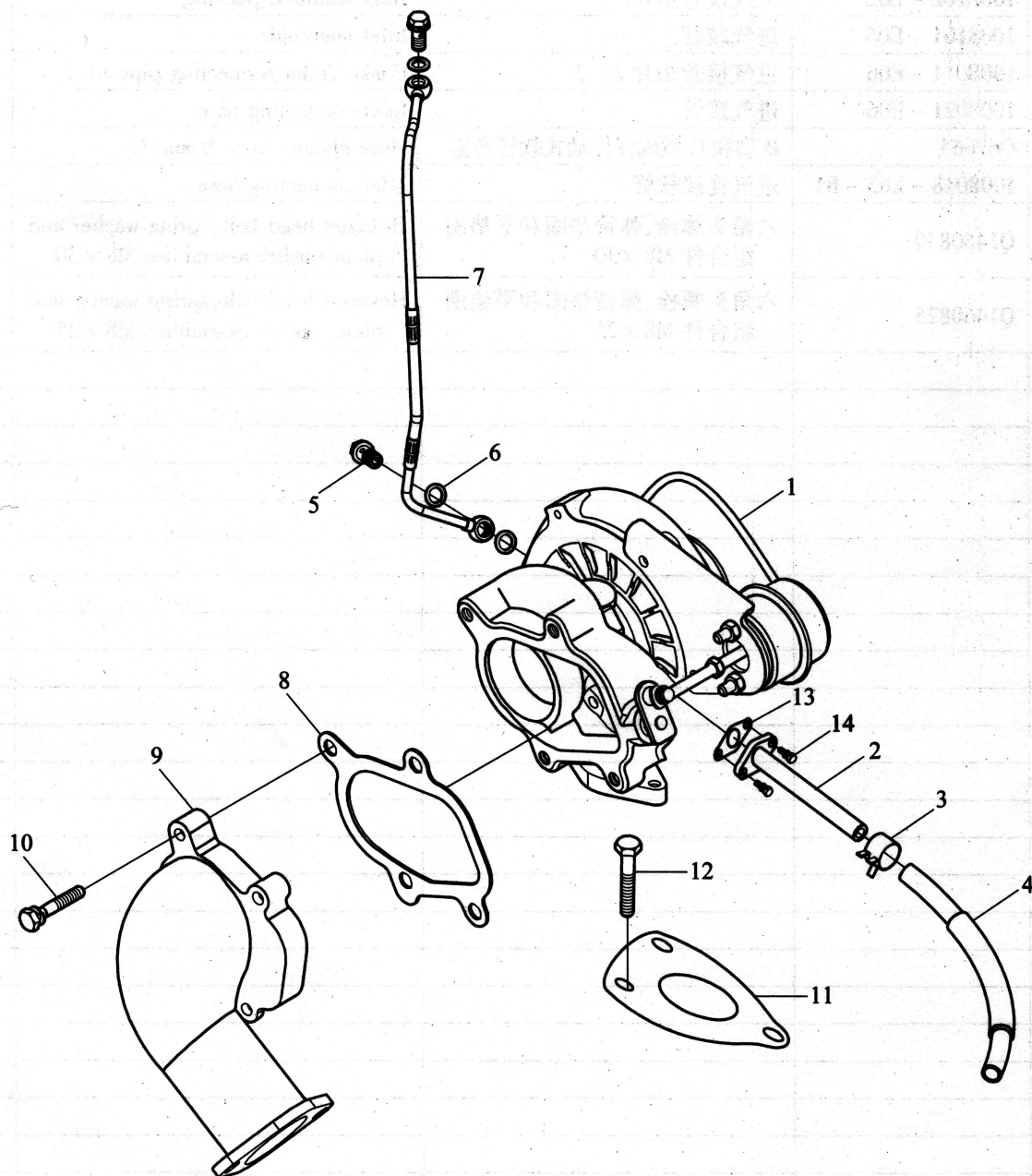
进排气系统 Inlet and Exhaust System



进排气系统 Inlet and Exhaust System

[illegible]

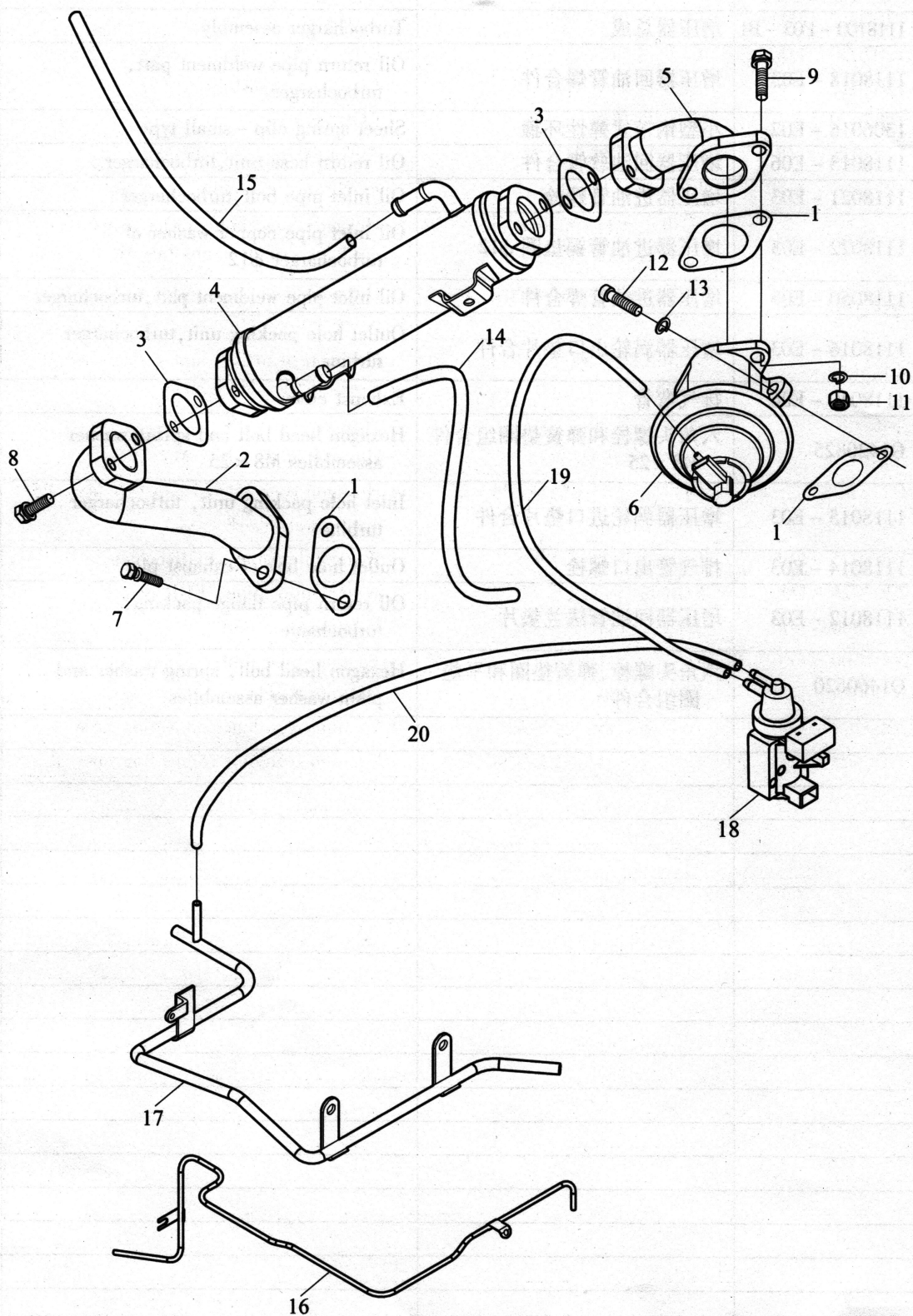
增压器总成 Turbocharger Assembly



增压器总成 Turbocharger Assembly

[illegible]

排气再循环系统 Exhaust Recirculation System



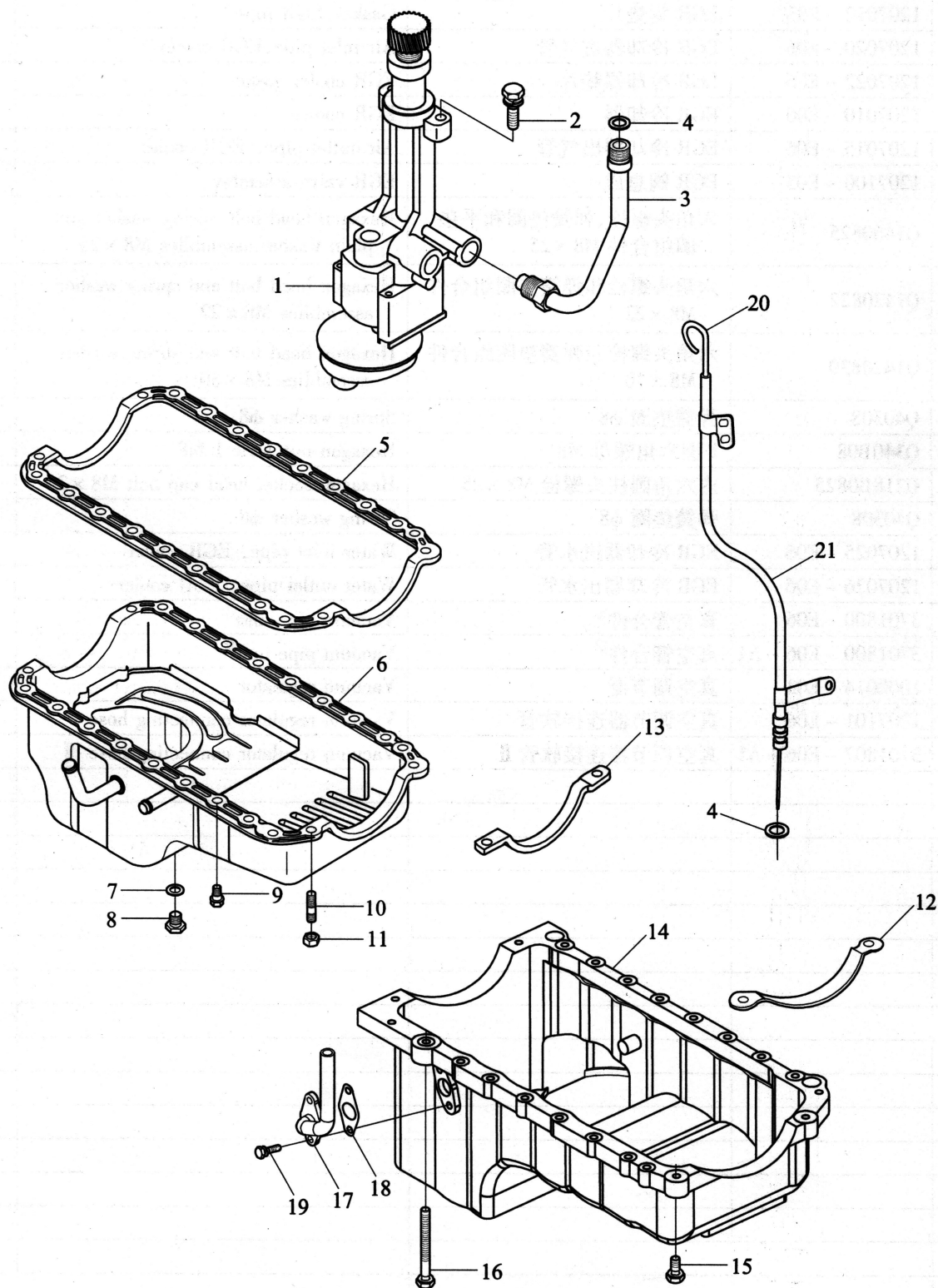
排气再循环系统 Exhaust Recirculation System

[illegible]

注: ①用于 K2 车型。②用于哈弗车型。

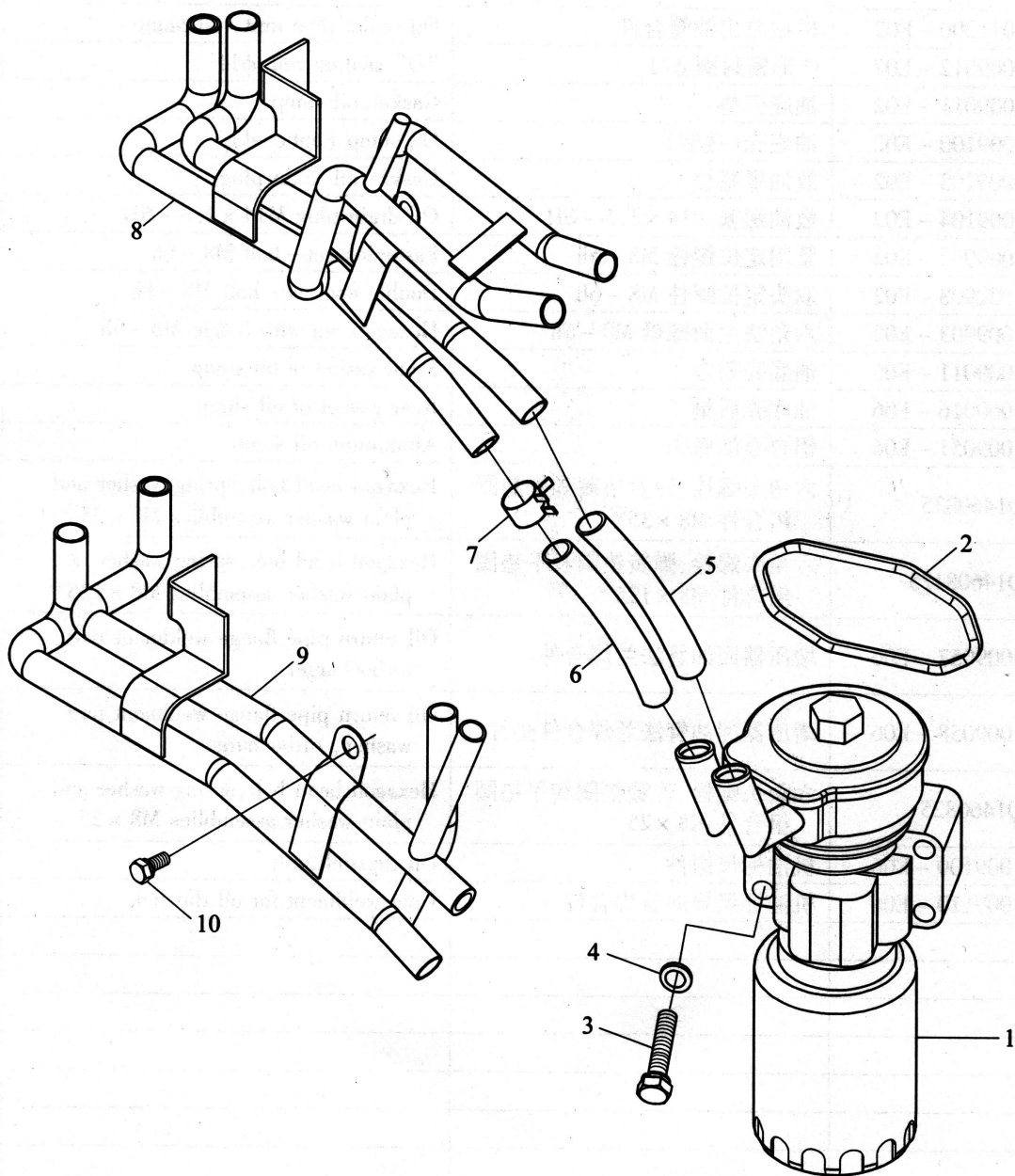
Note: ① For model K2 vehicle. ② For model Hafu vehicle.

机油泵和油底壳总成 Oil Pump and Oil Sump Assembly



[illegible]

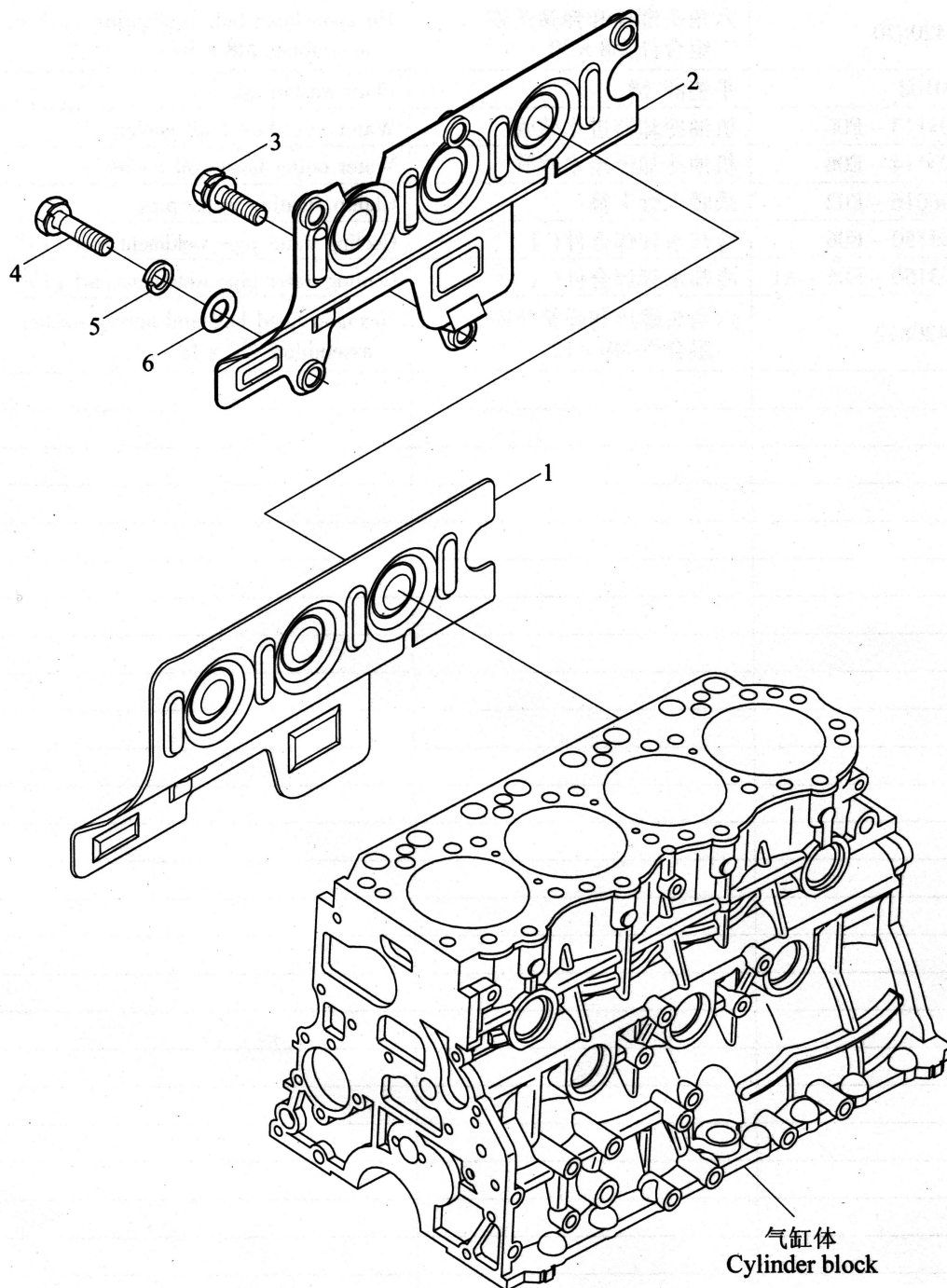
机油滤清器总成 Oil Filter Assembly



机油滤清器总成 Oil Filter Assembly

[illegible]

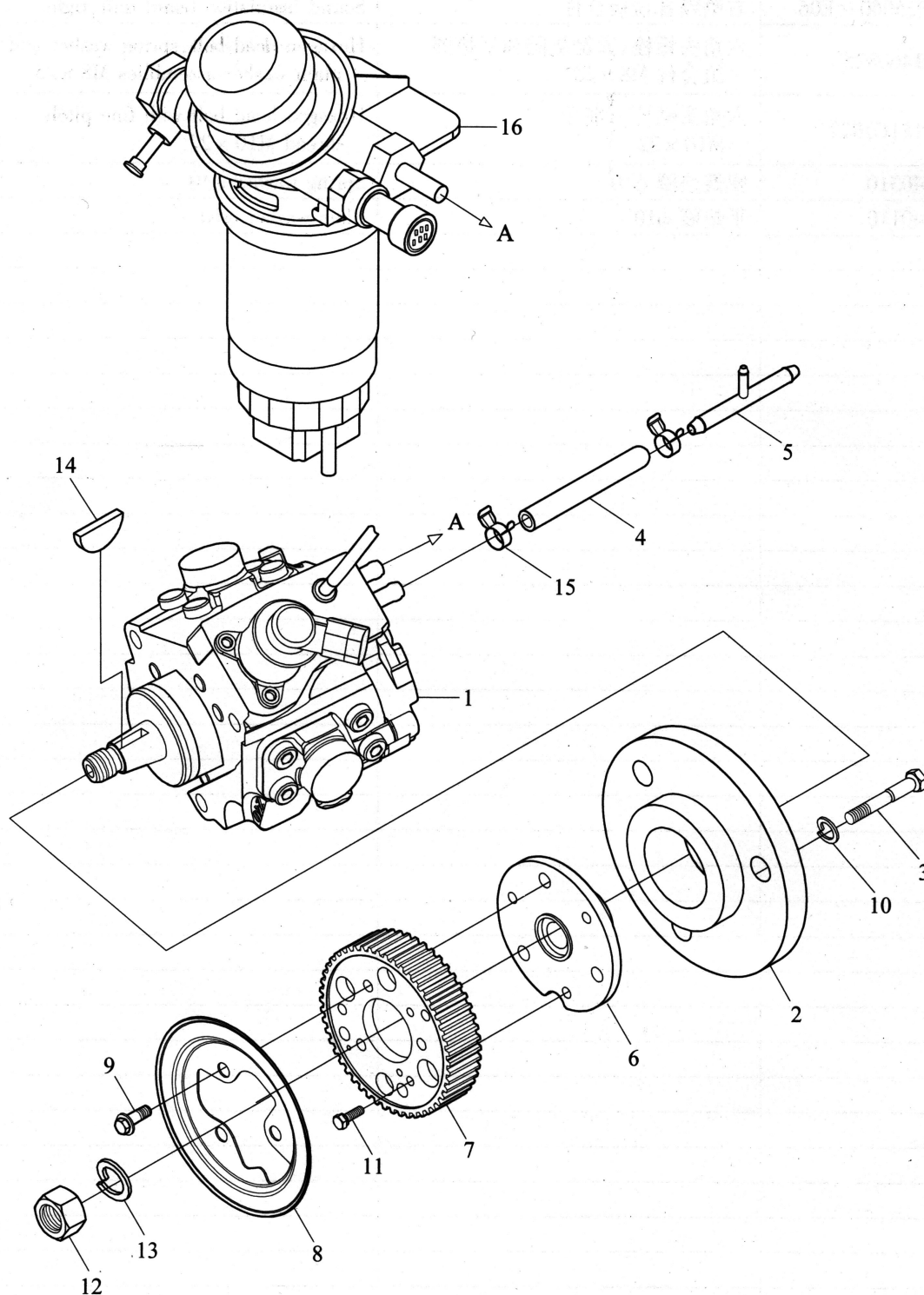
隔音盖板总成 Sound Insulation Board Assembly



隔音盖板总成 Sound Insulation Board Assembly

[illegible]

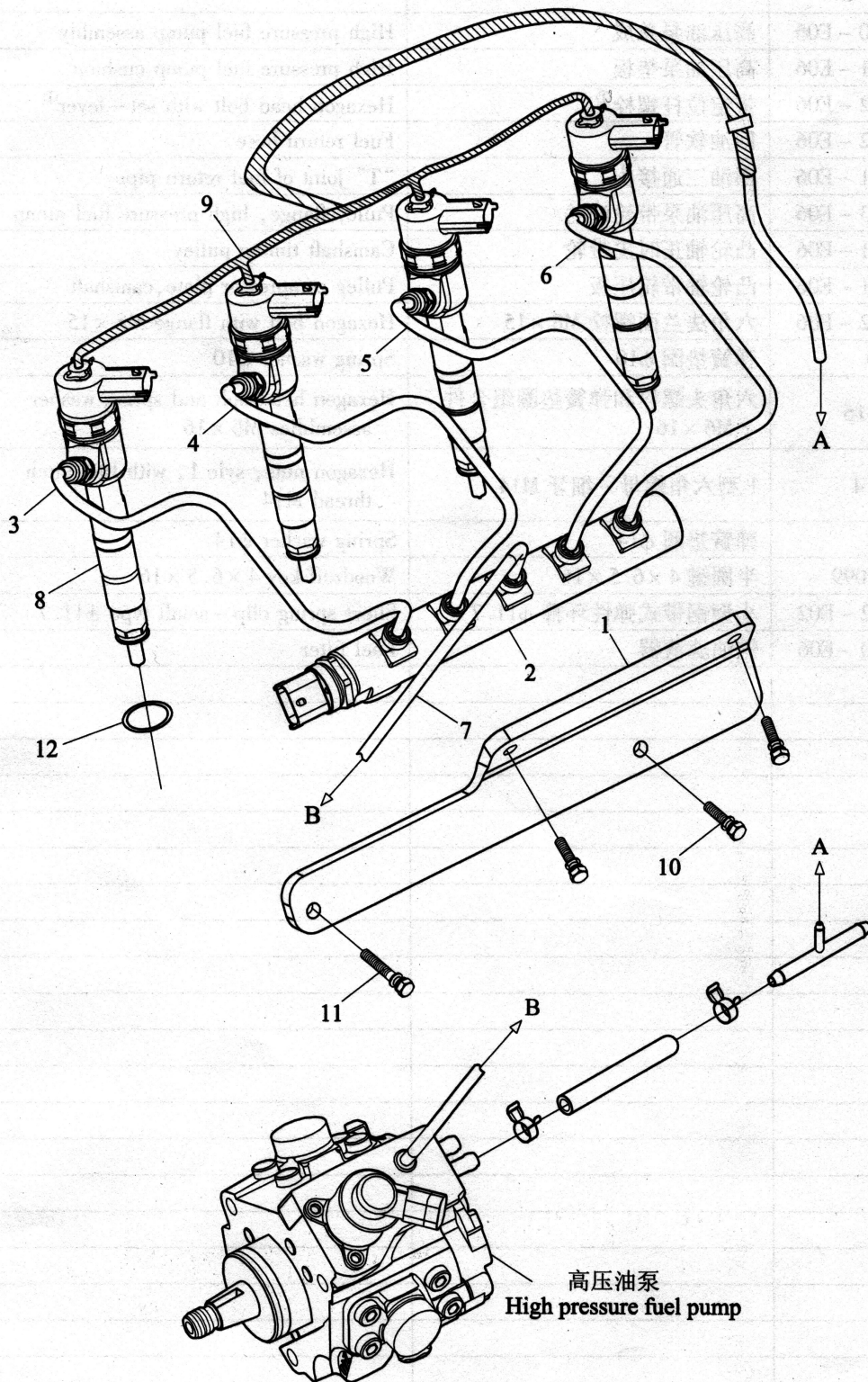
高压油泵和燃油滤清器总成
High Pressure Fuel Pump and Fuel Filter Assembly



高压油泵和燃油滤清器总成

[illegible]

高压油管 and 喷油器总成
High Pressure Fuel Pipe and Fuel Injector Assembly



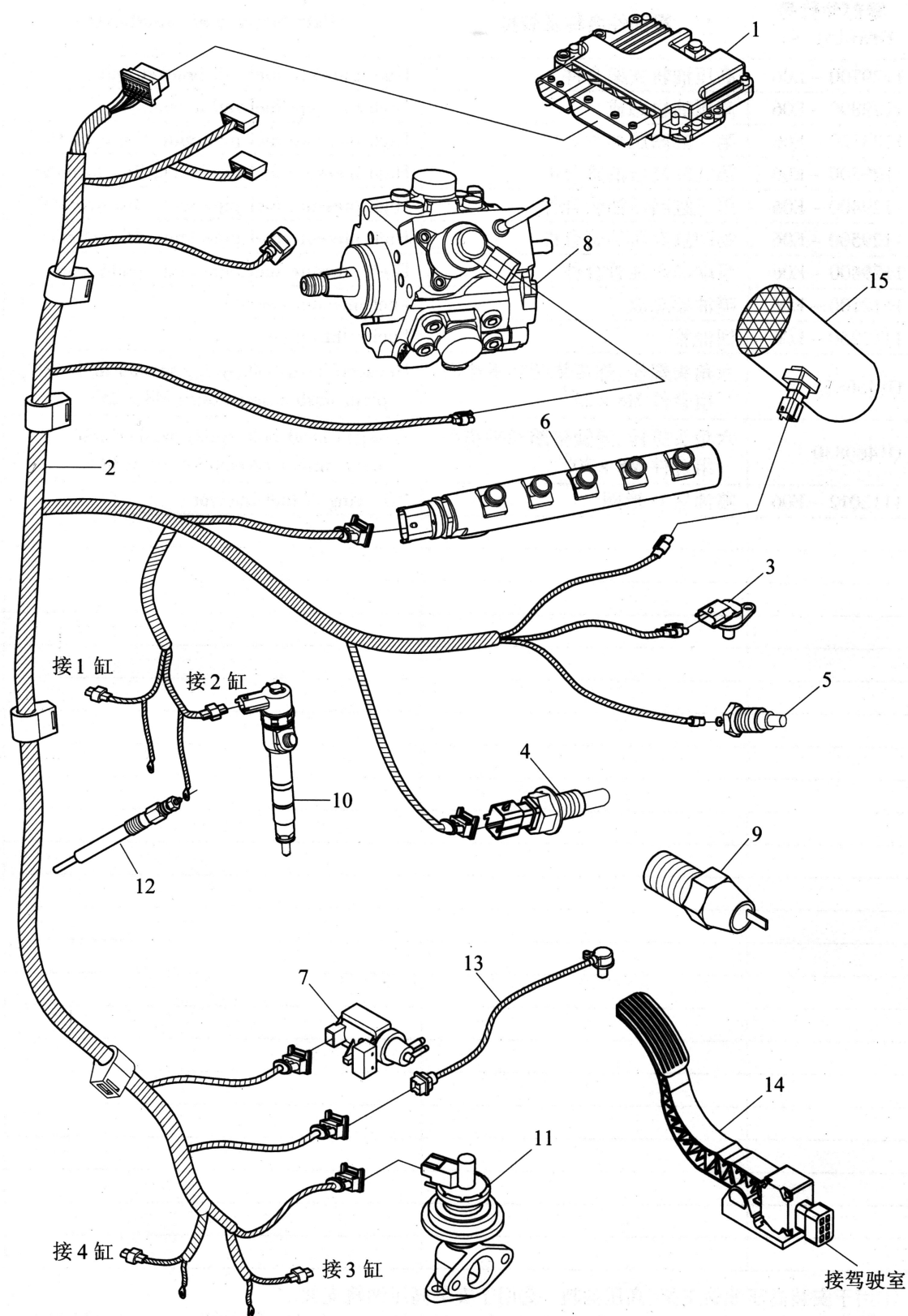
高压油管和喷油器总成 High Pressure Fuel Pipe and Fuel Injector Assembly

[illegible]

注: ①用于安装高压油轨支架、高压油轨。②用于安装高压油轨支架。

Note: ① For mounting high pressure fuel rail bracket, high pressure fuel rail. ② For mounting high pressure fuel rail bracket.

ECU 和线束总成 ECU and Wire Harness Assembly



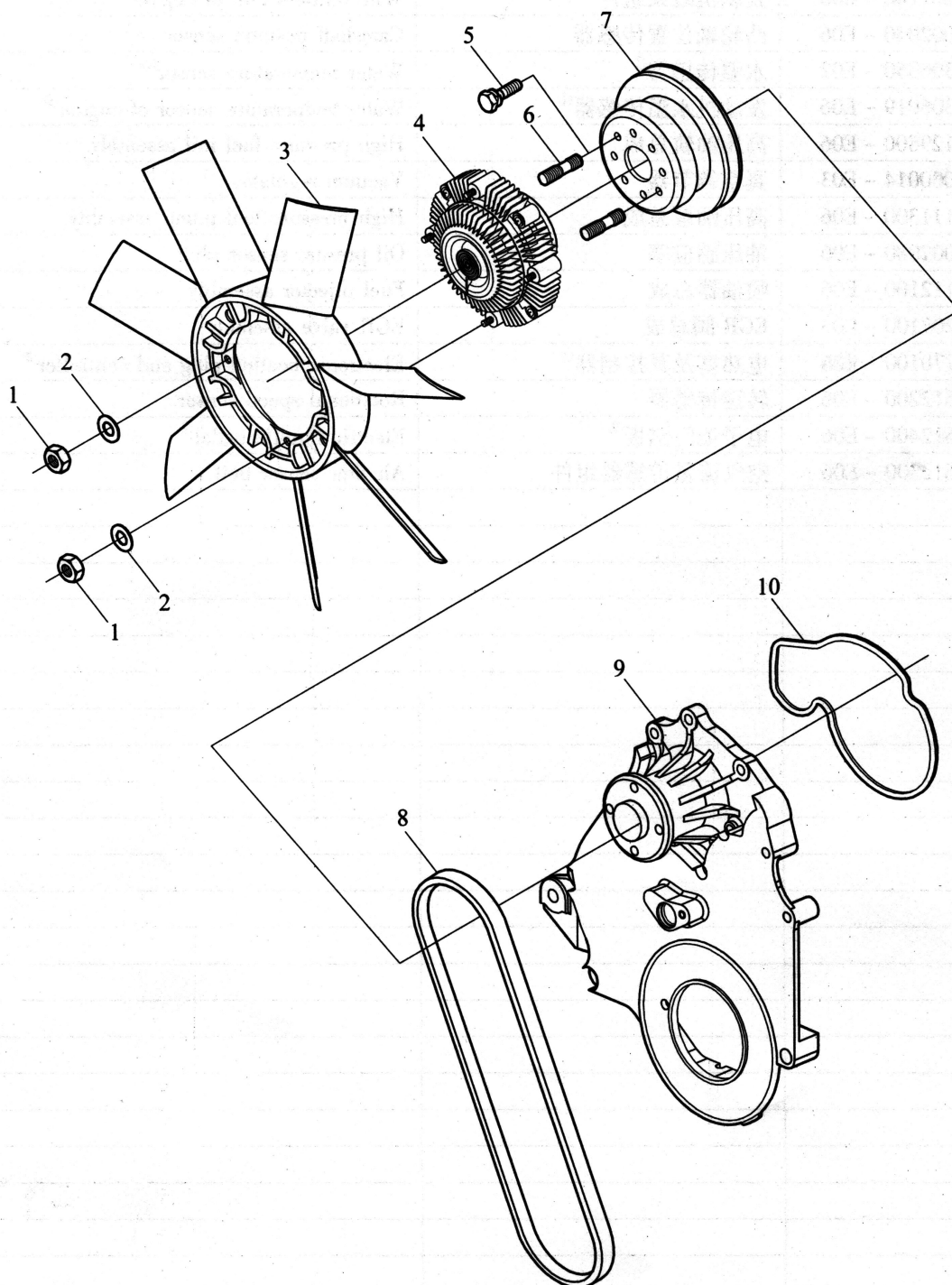
ECU 和线束总成 ECU and Wire Harness Assembly

[illegible]

注: ① 用于仪表。② 接整车线束。③ 1 个控制器。④ 控制用。

Note: ① For instruments. ② Connecting the solid vehicle harness. ③ One controller. ④ For controlling.

冷却系统 - 1 Cooling System - 1



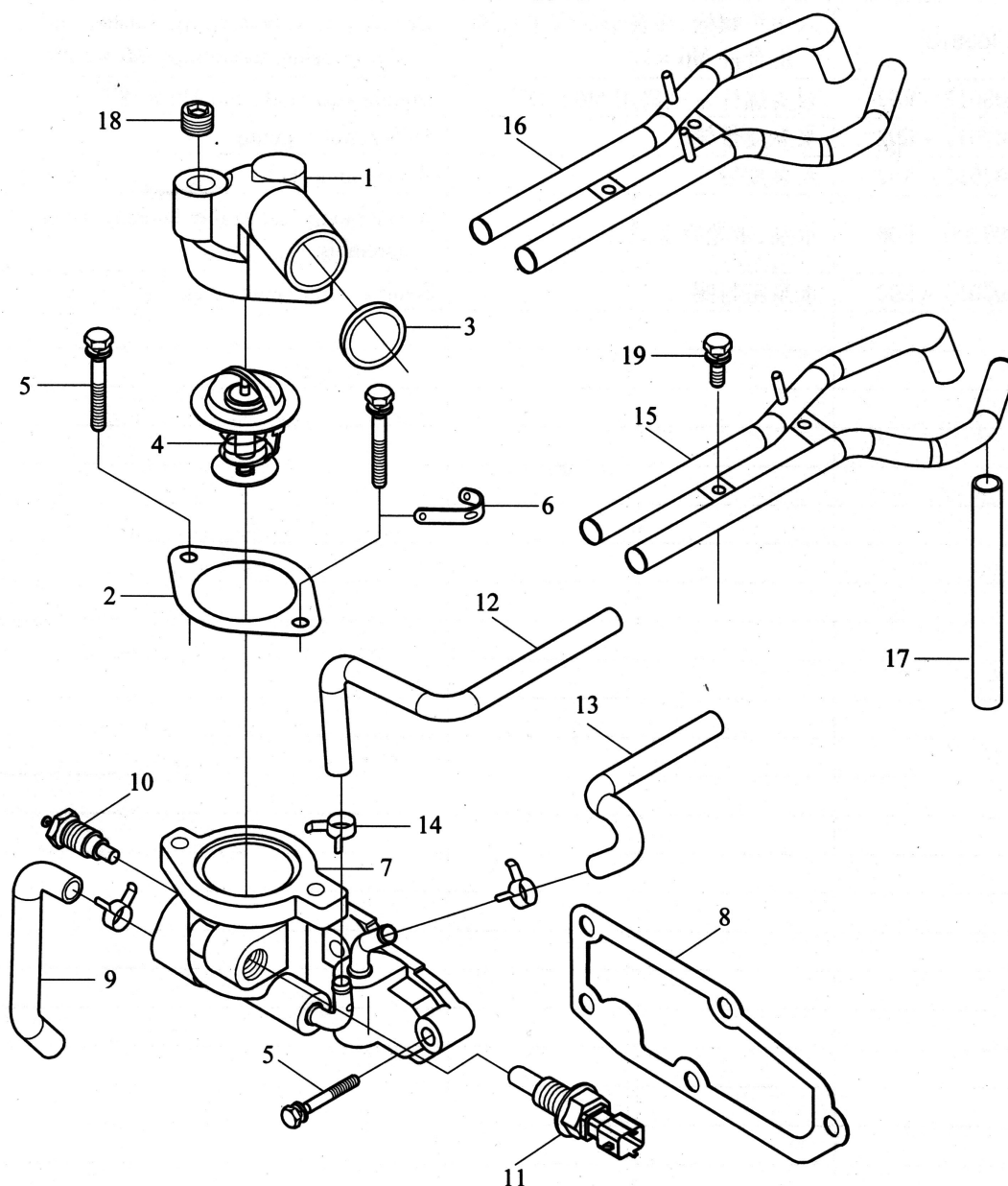
冷却系统 -1 Cooling System -1

[illegible]

注：① 配用电子扇时不用。② 用于安装电子扇。

Note: ① Don't use for electric fan. ② For mounting electric fan.

冷却系统 - 2 Cooling System - 2



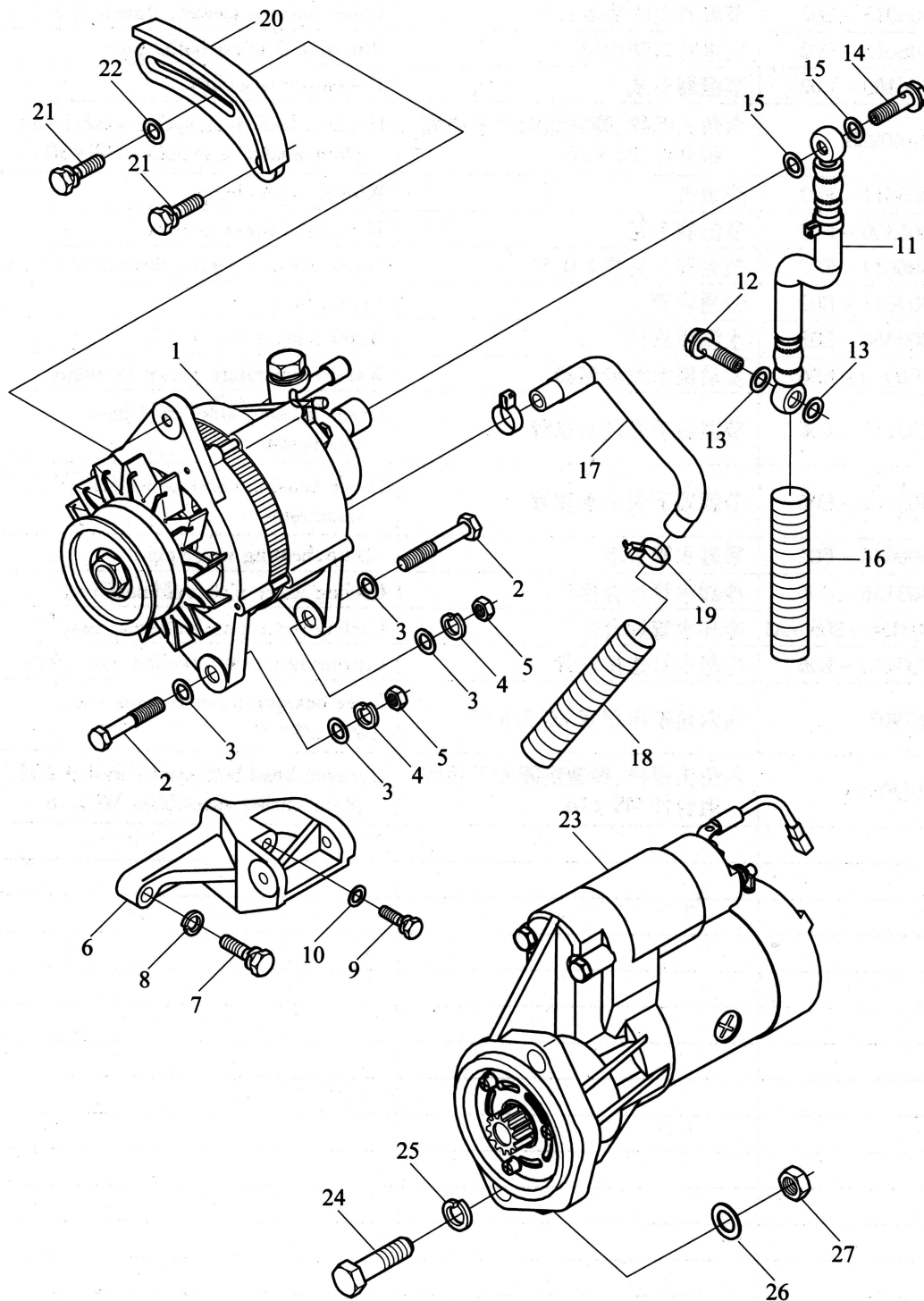
冷却系统 -2 Cooling System -2

[illegible]

注: ①用于 K2 车型。②用于哈弗车型。

Note: ① For model K2 vehicle. ② For model Hafu vehide.

发电机和起动电机总成 Generator and Electric Starter Assembly

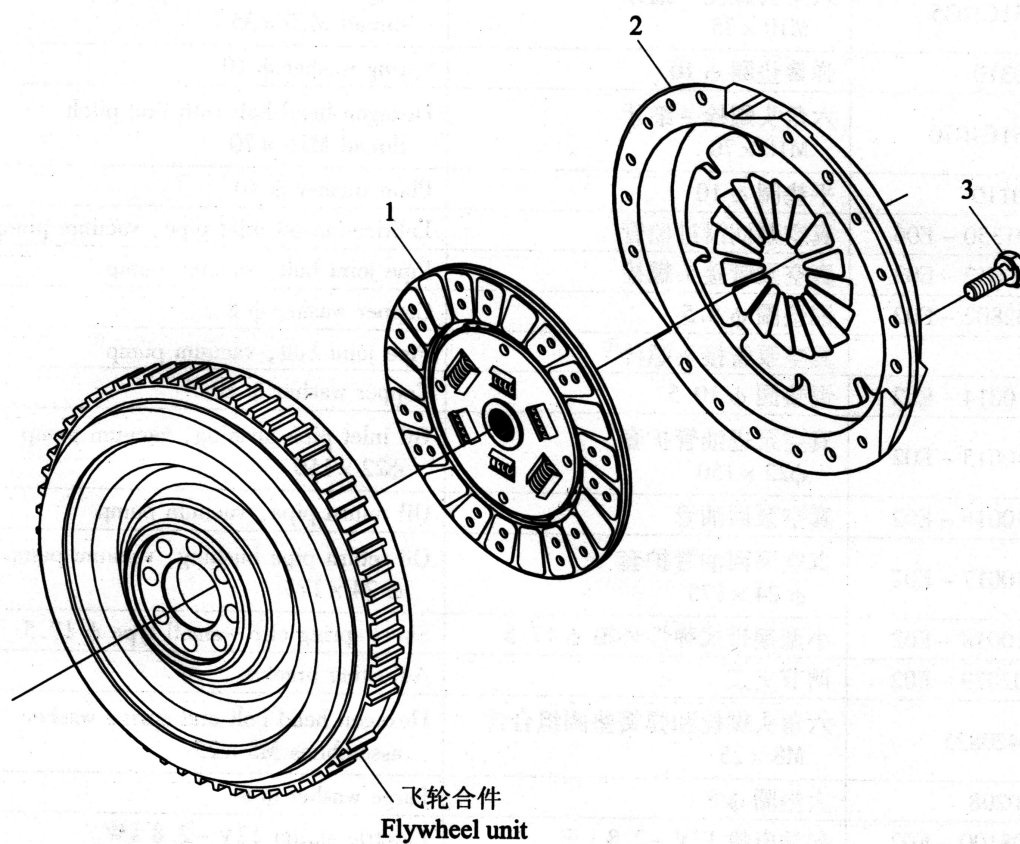


发电机和起动电机总成 Generator and Electric Starter Assembly

标号 No.	零部件代号 Drawing No.	零部件名称及规格	Part Name and Standards	用量 Qty.
1	3701100 - E06	发电机总成	Generator assembly	1
2	Q151C1050	六角头螺栓 - 细牙 M10 × 50	Hexagon head bolt with fine pitch thread M10 × 50	2
3	Q40110	平垫圈 φ10	Plain washer φ10	4
4	Q40310	弹簧垫圈 φ10	Spring washer φ10	2
5	Q341C10	1 型六角螺母 - 细牙 M10	Hexagon nuts, style 1, with fine pitch thread M10	2
6	3701011 - E02	发电机支架	Bracket, generator	1
7	Q151C1035	六角头螺栓 - 细牙 M10 × 35	Hexagon head bolt with fine pitch thread M10 × 35	1
8	Q40310	弹簧垫圈 φ 10	Spring washer φ 10	3
9	Q151C1070	六角头螺栓 - 细牙 M10 × 70	Hexagon head bolt with fine pitch thread M10 × 70	2
10	Q40110	平垫圈 φ 10	Plain washer φ 10	3
11	3701350 - E06	真空泵润滑进油管	Lubrication oil inlet pipe, vacuum pump	1
12	3510012 - E02	真空泵管接头螺栓	Pipe joint bolt, vacuum pump	1
13	1002802 - E02	铜垫圈 φ 8.5	Copper washer φ 8.5	2
14		真空泵管接头螺栓 ^①	Pipe joint bolt, vacuum pump ^①	1
15	3510014 - E02	铜垫圈 φ 10.5	Copper washer φ 10.5	2
16	3510015 - E02	真空泵进油管护套 φ22 × 150	Oil inlet pipe bushing, vacuum pump φ22 × 150	1
17	3510016 - E02	真空泵回油管	Oil return pipe, vacuum pump	1
18	3510017 - E02	真空泵回油管护套 φ 24 × 175	Oil return pipe bushing, vacuum pump φ 24 × 175	1
19	3510018 - E02	小型钢带式弹性环箍 φ 17.5	Sheet spring clip - small type φ 17.5	6
20	1002029 - E02	调节支架	Adjusting bracket	1
21	Q1420825	六角头螺栓和弹簧垫圈组合件 M8 × 25	Hexagon head bolt and spring washer assemblies M8 × 25	2
22	Q40208	大垫圈 φ 8	Large washer φ 8	1
23	3708100 - E02	起动电机 12V - 2.8 kW	Electric starter 12V - 2.8 kW	1
24	Q151B1260	六角头螺栓 - 细牙 M12 × 1.25 - 6g	Hexagon head bolt with fine pitch thread M12 × 1.25 - 6g	2
25	Q40312	弹簧垫圈 φ 12	Spring washer φ 12	2
26	Q40112	平垫圈 φ 12	Plain washer φ 12	2
27	Q341B12	1 型六角螺母 - 细牙 M12	Hexagon nuts, style 1, with fine pitch thread M12	2

注：①发电机自带。 Note: ① The generator provide.

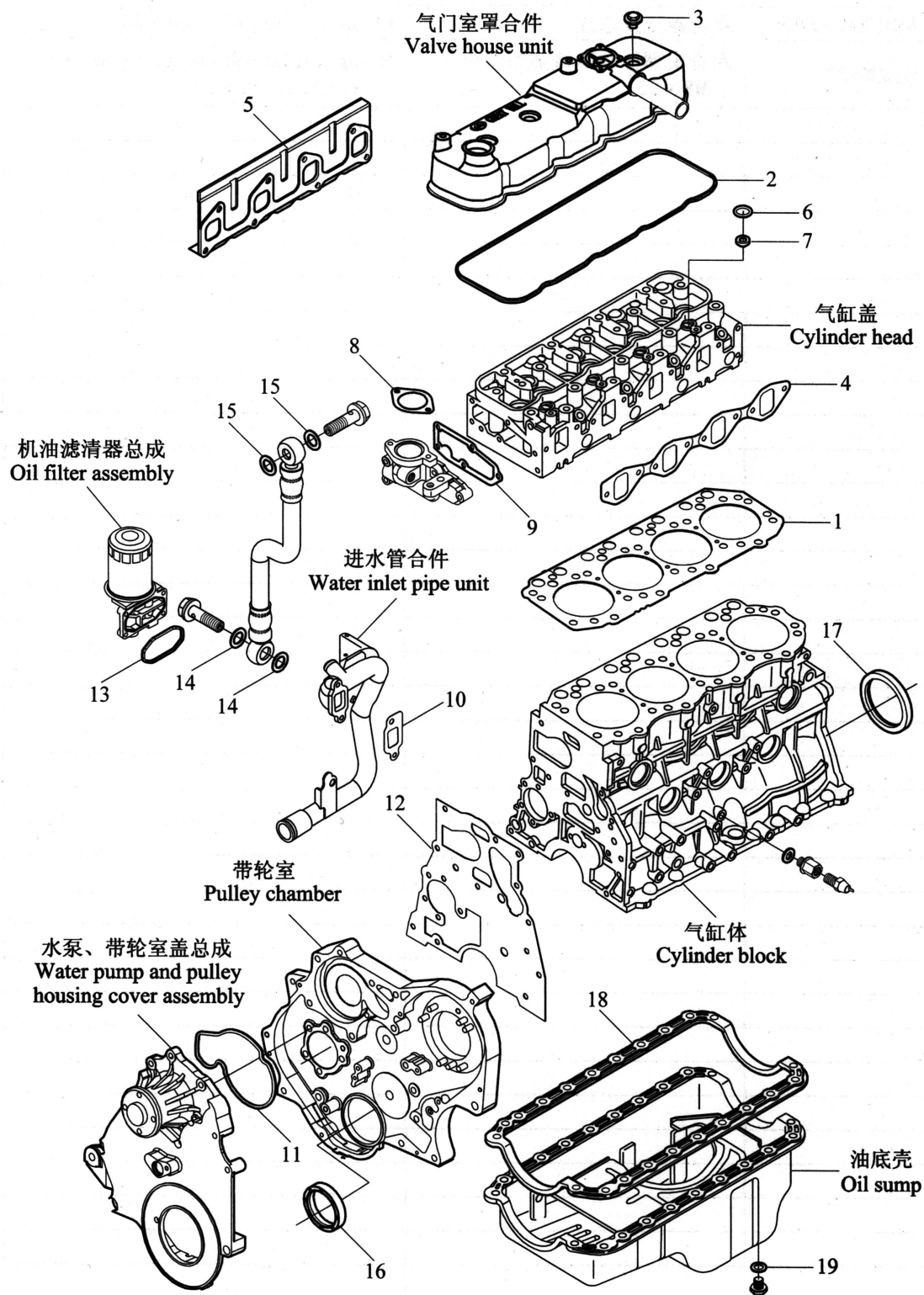
离合器总成 Clutch Assembly



离合器总成 Clutch Assembly

[illegible]

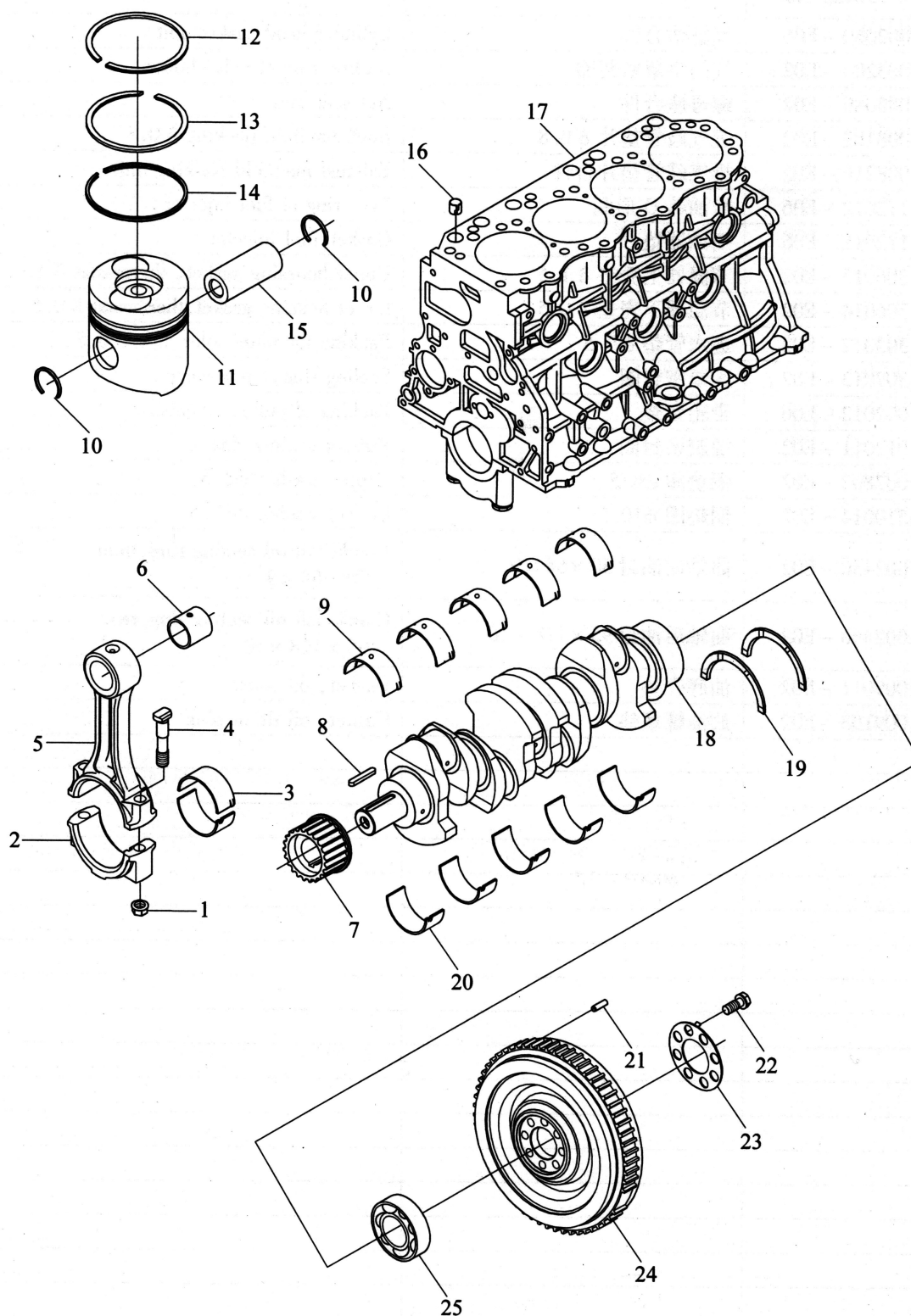
柴油机大修修理包 (修理件-1) Repair Kit for Diesel Engine Verhaul (Repair Parts -1)



柴油机大修修理包 (修理件-1)
Repair Kit for Diesel Engine Verhaul (Repair Parts -1)

[illegible]

柴油机电段 (修理件 - 2) The Middle Parts of Diesel Engine (Repair Parts - 2)



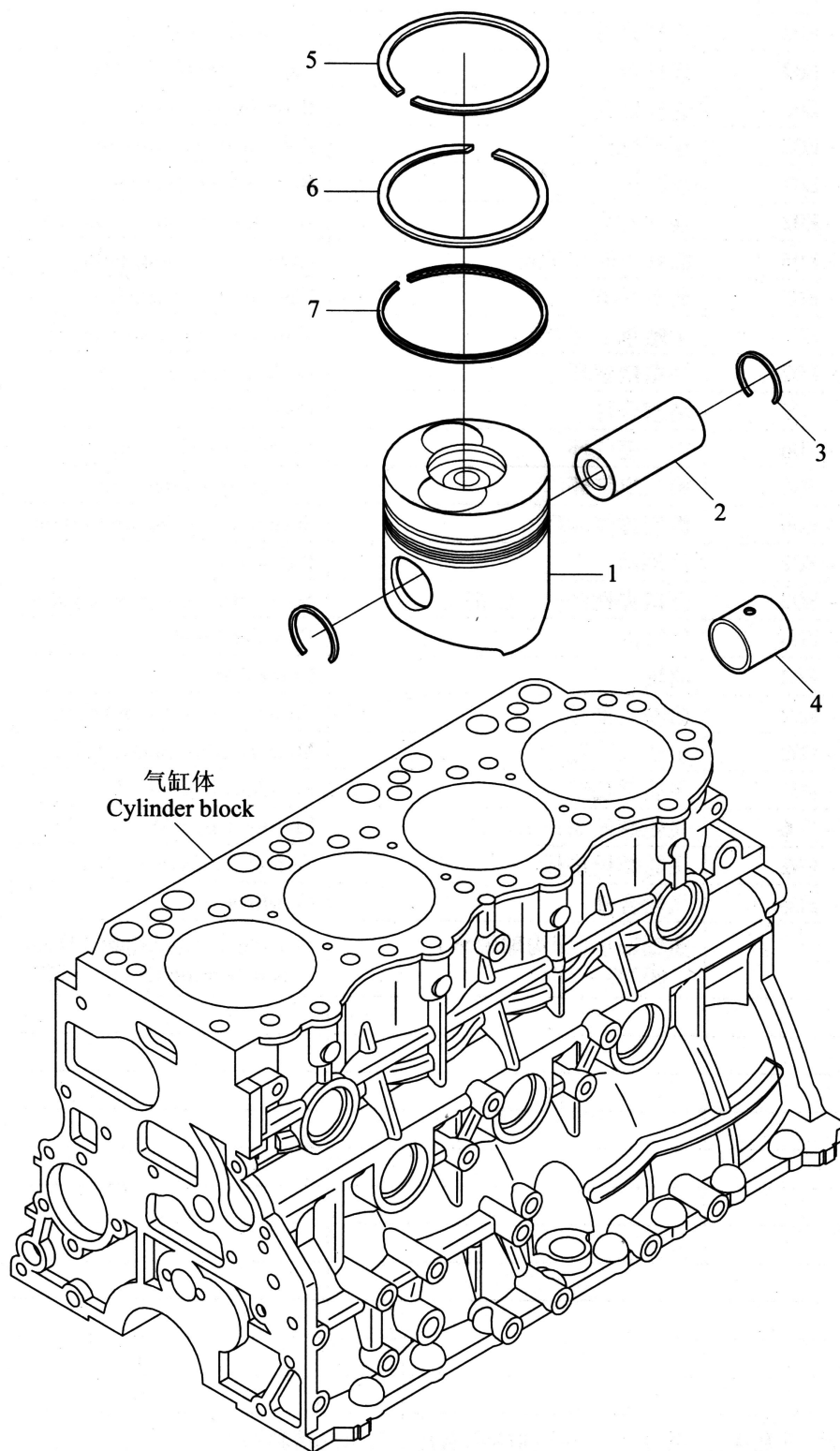
柴油机中段 (修理件 -2)
The Middle Parts of Diesel Engine (Repair Parts -2)

[illegible]

注：①上瓦4片，下瓦4片，共8片。②有油槽和油孔。③无油槽和油孔。

Note: ① The number of upper bushing is 4, lower bushing is 4, the total number is 8. ② With oil groove and oil hole. ③ Without oil groove and oil hole.

柴油机四配套 (修理件-3)
The Four Sets of Parts of Diesel Engine (Repair Parts -3)



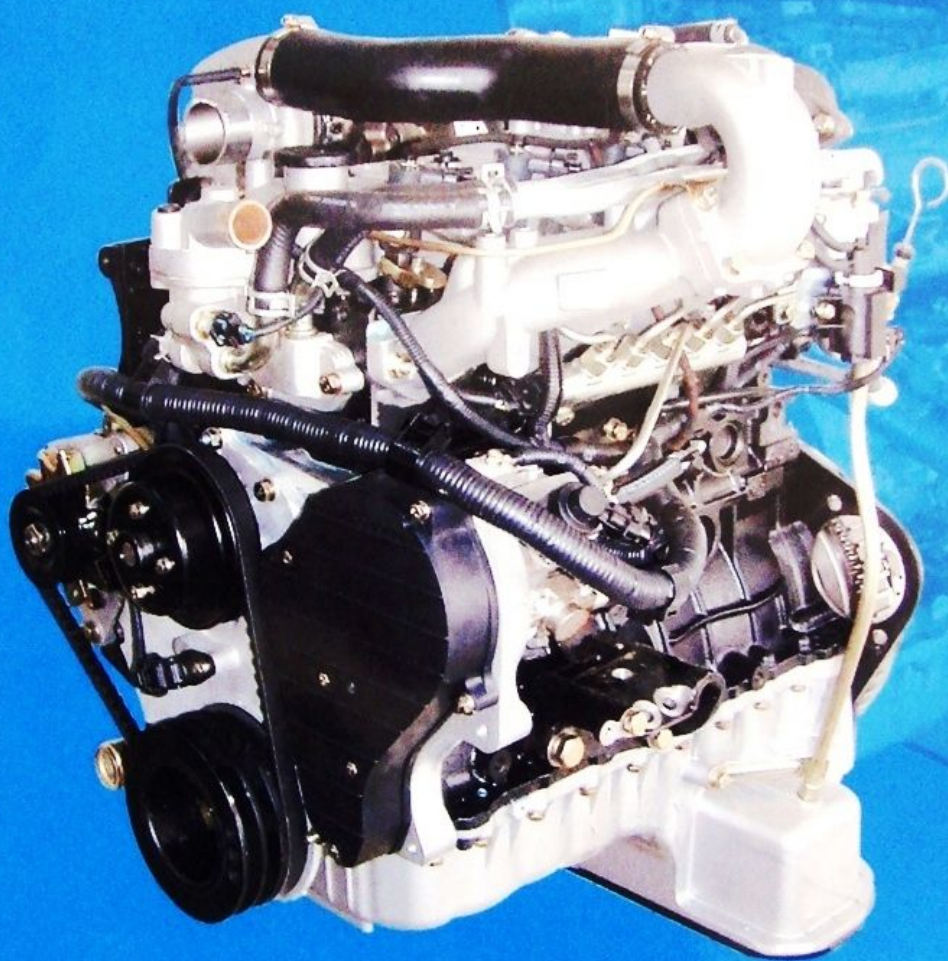
柴油机四配套 (修理件-3)

The Four Sets of Parts of Diesel Engine (Repair Parts –3)

[illegible]

《GW 2.8 TC型增压柴油机零部件图册》修订编码

项目	页码	标号	更改前	更改后
1	2	2	1001050-E06	1001011-E06
2	5	49	1002118-E06	1002121-E06
3	5	49	碗形塞Φ14	碗形塞
4	7	34	1003015-E06	1112013-E06
5	7	35	1003901-E06	1112014-E06
6	7	35	喷油器紧固螺栓 M8 × 1-6h	喷油器紧固螺栓
7	8	44	1003023-E06	1112015-E06
8	10	1	1003240-E06	1003210-E06
9	12	1	1002401-E06	1002011-E06
10	12	5	1002038-E06	1002361-E06
11	12	10	1307200-E06	1002400-E06
12	12	12	1002050-E06	3612010-E06
13	12	15	1002913-E06	1002362-E06
14	12	15	带定位裙螺栓 M8 × 20	带定位裙螺栓
15	12	16	1002914-E06	1002363-E06
16	15	16	1005050-E06	1005013-E06
17	17	17	1006902-E06	1006102-E06
18	17	17	六角法兰面螺栓 M8 × 15	六角法兰面螺栓
19	19	1	1008013-E06	1008201-E06
20	21	7	1118050-E06	1118017-E06
21	23	2	1207020-E06	1207014-E06
22	23	17	3701800-E06-A1	3510100-E06-A1
23	23	20	3701807-E06-A1	3510023-E06-A1
24	23	20	真空调节器连接软管 II	真空连接软管 II
25	25	20	1009100-E06	1009210-E06
26	25	20	机油标尺组件	机油标尺合件
27	25	21	1009110-E06	1009220-E06
28	31	1	1111300-E06	1111100-E06
29	31	2	1111011-E06	1111012-E06
30	33	1	1129700-E06	1129011-E06
31	39	16	1303156-E06-A1	1303160-E06-A1
32	39	16	冷却水管焊合件	冷却水管焊合件 II
33	41	11	3701350-E06	3510013-E06
34	41	11	真空泵润滑进油管	真空泵进油管合件
35	41	14	3701314-E06	3510011-E06
36	41	14	真空泵管接头螺栓	真空泵进油管接头



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