Y4100Q 型柴油机零件图册

MODEL Y4100Q DIESEL ENGINE PARTS CATALOGUE

扬 动 股 份 有 限 公 司

YANGDONG CO.,LTD.

编　制　说　明

一、本图册主要供用户选购扬动牌 Y4100Q 型柴油机零部件及了解部分结构和装配关系之用。

二、为了满足用户的不同要求，我厂 Y4100Q 型柴油机品种将不断增加，结构也会有些局部改进，因而本图册反映的零部件结构可能会与实物不符，待再版时改进，改进前不另通知，望用户鉴谅。

三、本图册在编制时，由于受时间及水平的限制，因而错误之处在所难免，热诚欢迎各位指正错误之处。

编　者

2002 年 4 月

EXPLANATION

1. This catalogue is main used for user's picking up and buying the parts of the model Yangdong Y4100Q diesel engine and understanding partial structure and assembly relation.

2. In order to meet user' s different requirements, the assortments of Y4100Q diesel engine made by our factory will continuously increase, and the structure will also be improved partially. So the contents of the catalogue may be somewhat not accordance with the engine you have owned, which will be improved in second edition. Pardon, before improving will not notify again.

3. In compilation of the catalogue, due to limited time and level, some mistakes can hardly be avoided, please oblige us with your valuable comments.

Editor

4. 2002.

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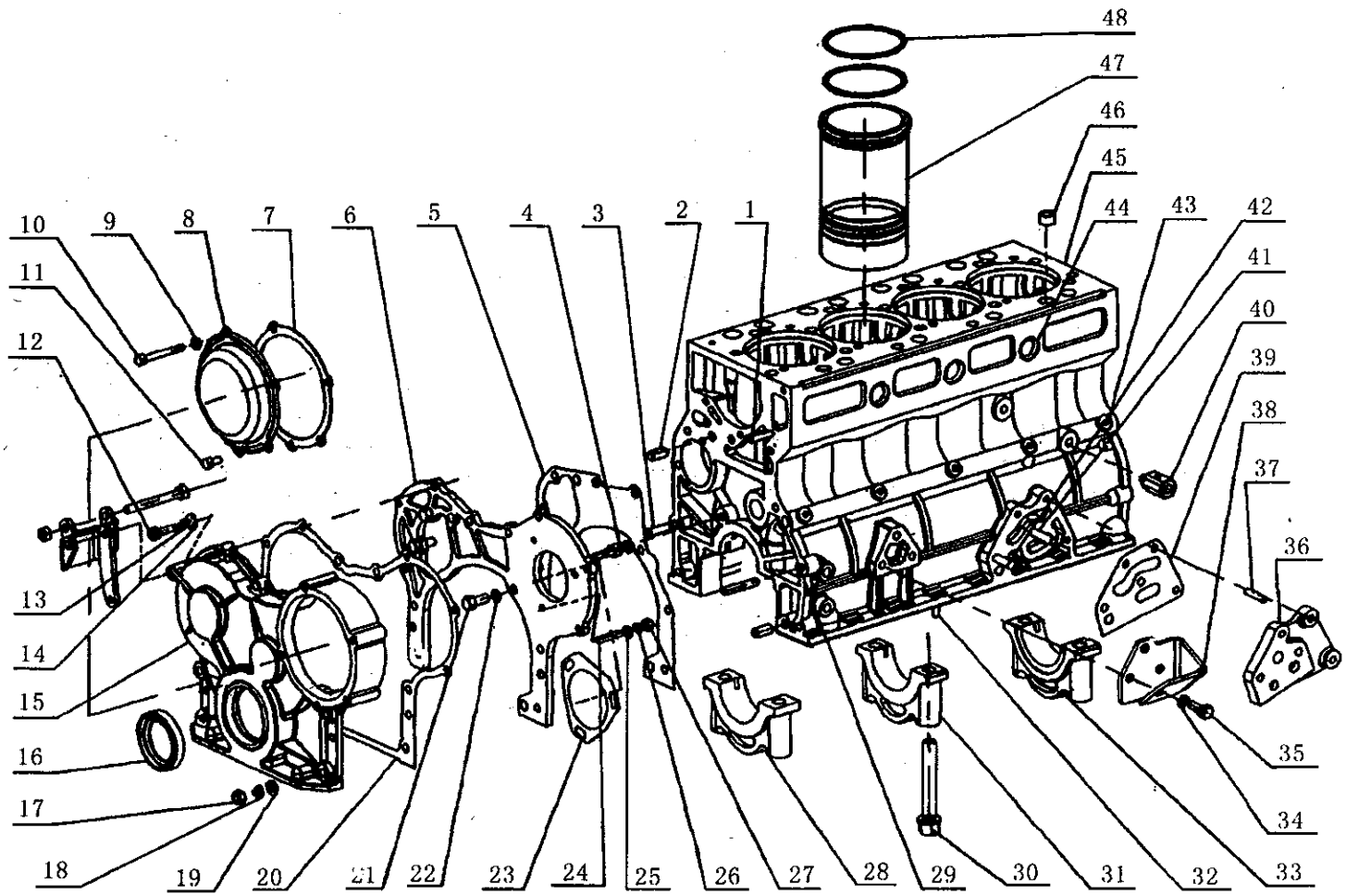
1. 机体总成　Cylinder Block Assy (一)

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB898 – 76	螺柱 AM8 × 70	Stud AM8 × 70	4	
2	GB119 – 86	销 A12 × 25	Dowel pin A12 × 25	2	
3	GB898 – 76	螺柱 AM10 × 45	Stud AM10 × 45	5	
4	Y4100Q – 01011	喷嘴	Jet	1	
5	Y4100Q – 01001	齿轮室底板垫片	Gasket, gear case to block	1	
6	Y4100Q – 02001	齿轮室底板	Gear case	1	
7	Y4100Q – 02016	提前器罩壳垫片	Gasket, automatic injection timer cover	1	
8	Y4100Q – 02017	提前器罩壳	Cover, automatic injection timer	1	
9	GB97 – 76	垫圈 8	Washer 8	3	
10	GB21 – 76	小六角头螺栓 M8 × 65	Bolt M8 × 65	3	
11	GB5782 – 86	小六角头螺柱 M8 × 16	Bolt M8 × 16	2	
12	GB21 – 76	六角头螺栓 M8 × 30	Bolt M8 × 30	3	
13	GB93 – 87	垫圈 8	Spring washer 8	8	
14	GB97 – 76	垫圈 8	Washer 8	8	
15	Y4100Q – 02013	齿轮室	Cover, gear case	1	
16	HG4 – 692 – 67	油封 PG55 × 80 × 12	Oil seal PG55 × 80 × 12	1	
17	GB6170 – 86	螺母 M10	Hexagon nut M10	5	
18	GB93 – 87	垫圈 10	Spring washer 10	5	
19	GB97 – 76	垫圈 10	washer 10	5	
20	Y4100Q – 02014	齿轮室垫片	Gasket, cover to gear case	1	
21	GB5783 – 86	螺栓 M10 × 25	Bolt M10 × 25	3	
22	GB93 – 87	垫圈 10	Spring washer 10	3	
23	Y4100Q – 02002	喷油泵垫片	Gasket, fuel injection pump	1	
24	GB897 – 88	螺柱 AM10 × 30	Stud AM10 × 30	3	

1. 机体总成　Cylinder Block Assy(一)(续)

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
25	GB93－87	垫圈 10	Spring washer 10	1	
26	GB97－76	垫圈 10	Washer 10	3	
27	GB6170－86	螺母 M10	Nut M10	17	
28	Y4100Q－01112	前主轴承盖(Ⅰ)	Main bearing cap(Ⅰ),front	1	
29	Y4100Q－01101	碗形塞 Ø15	Plug Ø15	1	
30	Y4100Q－01115	主轴承盖螺栓	Stud, main bearing cap	10	
31	Y4100Q－01113	中间主轴承盖(Ⅱ.Ⅲ.Ⅳ)	Main bearing cap(Ⅱ.Ⅲ.Ⅳ), middle	3	
32	GB898－88	螺柱 AM8×16	Stud, AM8×16	2	
33	Y4100Q－01114	后主轴承盖(Ⅴ)	Main bearing cap(Ⅴ), rear	1	
34	GB93－87	垫圈 10	Spring washer 10	29	
35	GB21－76	螺栓 M10×25	Bolt M10×25	3	
36	Y4100Q－09001	机油滤连接板	Connecting plate, oil filter	1	
37	GB898－88	螺柱 AM8×30	Stud AM8×30	3	
38	Y4100Q－01012	发动机前支架(右)	Front engine bracket(right)	1	
39	Y4100Q－01004	机油滤连接板垫片	Gasket, oil filter connecting plate	1	
40	YS$_L$A480Q－5－01500	机油压力表报警器、传感器接头	Adapter, oil pressure transducer and alarmer	1	
41	GB898－88	螺柱 AM10×55	Stud AM10×25	2	
42	GB898－88	螺柱 AM10×75	Stud AM10×75	2	
43	Y4100Q－01103	主油道堵塞 Ø6.7	Plug Ø6.7	6	
44	Y480G－01104	碗形塞 Ø32	Plug Ø32	4	
45	Y4100Q－01111	机体	Cylinder block	1	
46	Y4100Q－01102	定位套管	Dowel bush	2	
47	Y4100Q－01003	气缸套	Cylinder liner	4	
48	Y4100Q－01010	封水圈	Seal ring, cylinder liner	8	

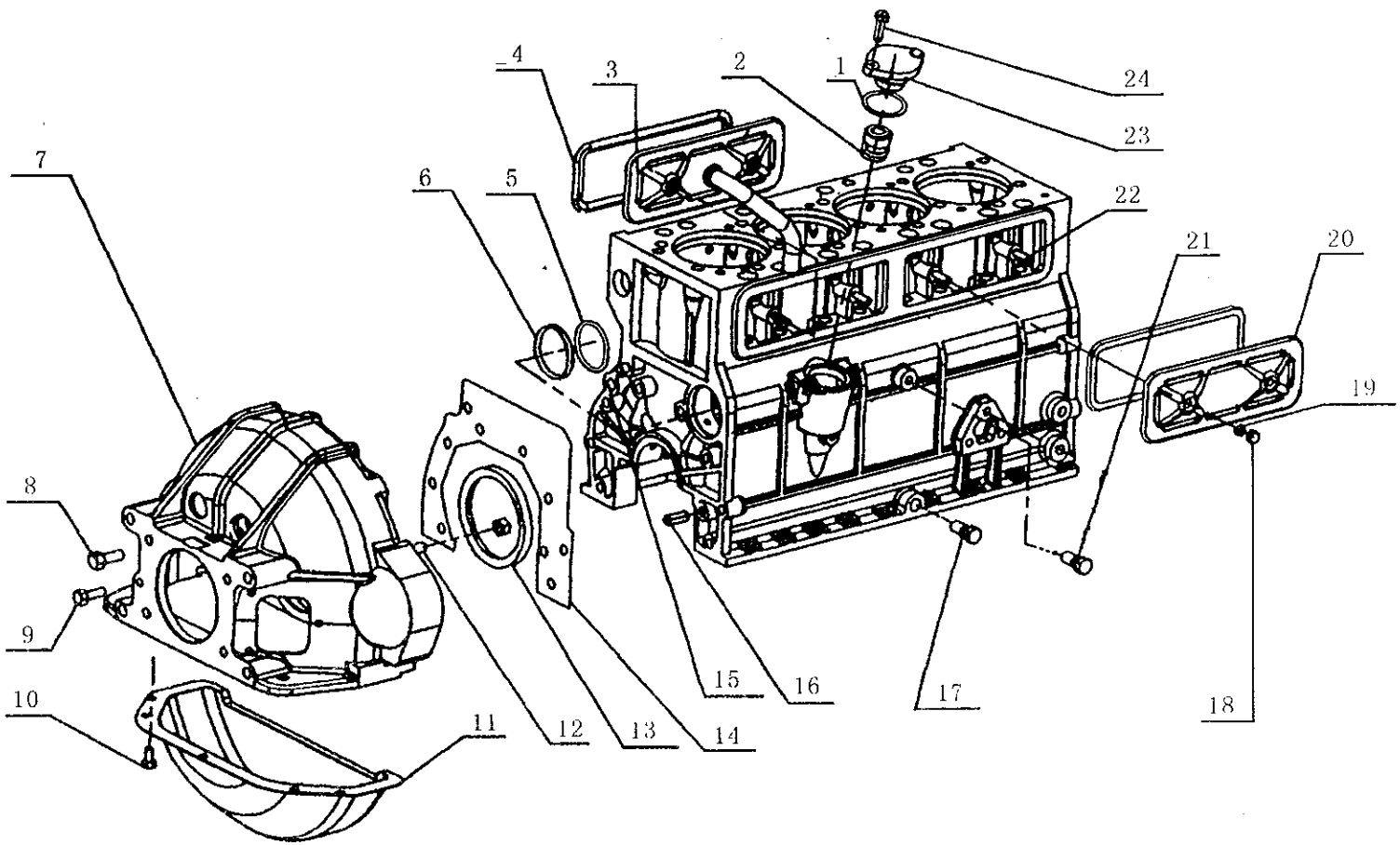
1. 机体总成(一)　Cylinder Block Assy(一)



2. 机体总成 Cylinder Block Assy (二)

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Q'ty	附注 Remarks
1	Y4100Q-09004	机油泵上轴承套盖垫片	Gasket	1	
2	Y4100Q-01023	机油泵传动轴衬套	Bush, oil pump drive gear shaft	1	
3	Y4100Q-01200	后上盖板及呼吸器管合件	Side cover, rear and breather assy	1	
4	Y4100Q-01014	上侧盖板垫片	Gasket, side cover	2	
5	GB3452.1-92	O形密封圈 56×3.55G	Seal"O"ring 56×3.55G	1	
6	Y4100Q-01101	堵头	Plug	1	
7	Y4100Q-16001	离合器壳	Clutch housing	1	
8	GB21-76	螺栓 M12×32	Stud M12×32	8	
9	GB21-76	螺栓 M10×1×30	Bolt M10×1×30	1	
10	GB21-76	螺栓 M8×16	Bolt M8×16	5	
11	Y4100Q-16002	离合器壳底盖	Lower cover, clutch housing	1	
12	GB898-88	螺柱 AM12×25	Stud AM12×25	4	
13	GB9877.1-88	沟槽骨架油封 FB100×125×12F	Seal felt rear end cranks hagt FB100×125×12F	1	
14	Y4100Q-01009	离合器壳垫片	Gasket, clutch houaing	1	
15	YSD490Q-01105a	碗形塞 Ø15	Plug Ø15	1	
16	GB119-86	销 A12×30	Doewl pin A12×30	2	
17	GB3541-83	铰接螺栓 M16×1.5	Bolt M16×1.5	3	
18	GB923-88	盖形螺母 M8	Cap Nut M8	4	
19	JB982-77	组合垫圈 8	Washer 8	8	
20	Y4100Q-01013	前上盖侧盖板	Side cover, front	1	
21	GB3541-83	铰接螺栓 M10×1	Bolt M10×1	3	
22	GB898-88	螺柱 M10×1	Stud AM8×28	4	
23	Y4100Q-09005	机油泵上轴套盖	Cover	1	
24	GB21-76	螺栓 M8×25	Stud M8×25	2	

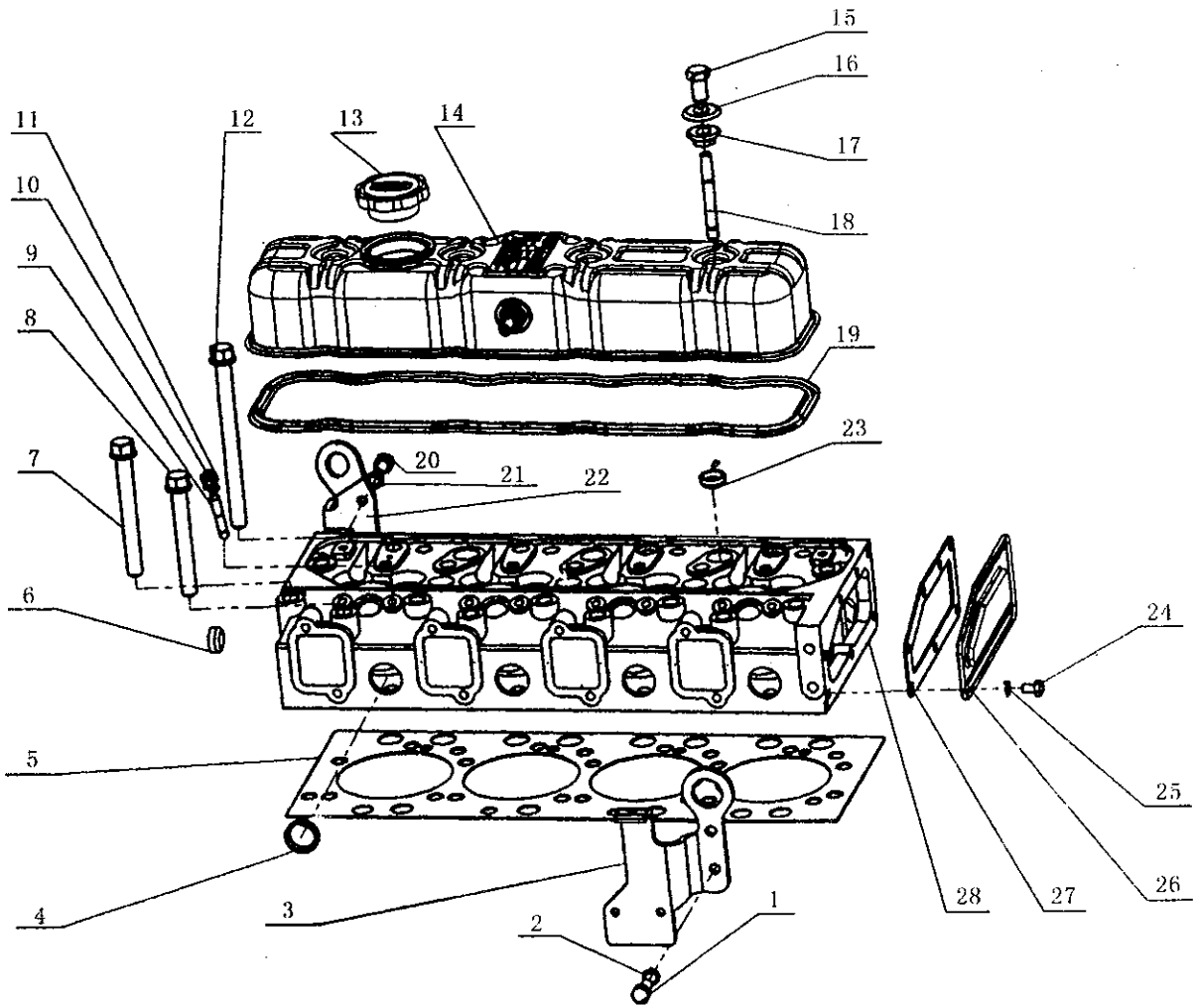
2. 机体总成　Cylinder Block Assy (二)



3. 气缸盖总成 Cylinder Head Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB5783－86	螺栓 M10×25	Bolt M10×25	2	
2	GB93－87	垫圈 10	Spring washer 10	2	
3	Y4100Q－03012	后吊耳	Eye plate, rear	1	
4	Y4100Q－01104	碗形塞 Ø32	Plug Ø32	4	
5	Y4100Q－01002	气缸盖垫片	Gasket, cylinder head	1	
6	Y4100Q－01103	碗形塞 Ø24	plug Ø24	1	
7	Y4100Q－01006	气缸盖螺栓 Ⅱ	Bolt(Ⅱ) cylider head	10	
8	Y4100Q－01005	气缸盖螺栓 Ⅲ	Bolt(Ⅲ)cylider head	4	
9	GB5783－86	螺柱 M8×40	Stud M8×40	8	
10	GB93－87	垫圈 8	Spring washer 8	8	
11	GB6170－86	螺母 M8	Hexagon nut M8	19	
12	Y4100Q－01007	气缸盖螺栓 Ⅰ	Bolt(Ⅰ)cylider head	4	
13	Y4100Q－03002	加油口盖合件	Oil filter cap assy	1	
14	Y4100Q－03300	缸头罩部件	Cylinder head cover assy	1	
15	Y4100Q－03020	缸头罩螺母	Nut , cylinder head cover	4	
16	Y4100Q－03021	垫片	Gasket	4	
17	Y4100Q－03022	密封圈	seal cartridge	4	
18	Y4100Q－03019	螺柱	Stud	4	
19	Y4100Q－03005	缸头罩垫片	Gasket, cylinder head cover	1	
20	GB5783－86	螺栓 M10×25	Bolt M10×25	2	
21	GB93－87	垫圈 10	Spring washer 10	2	
22	Y4100Q－03001	前吊耳	Eye plate, front	1	
23	Y4100Q－01103	碗形塞 Ø24	Plug Ø24	3	
24	GB21－76	螺栓 M8×16	Bolt M8×16	7	
25	GB93－87	垫圈 8	Spring washer 8	7	
26	Y4100Q－03011	缸盖后盖板	Rear cover, cylinder head	1	
27	Y4100Q－03010	缸盖后盖板垫片	Gasket, rear cover	1	
28	Y4100Q－03101	气缸盖	Cylinder head	1	

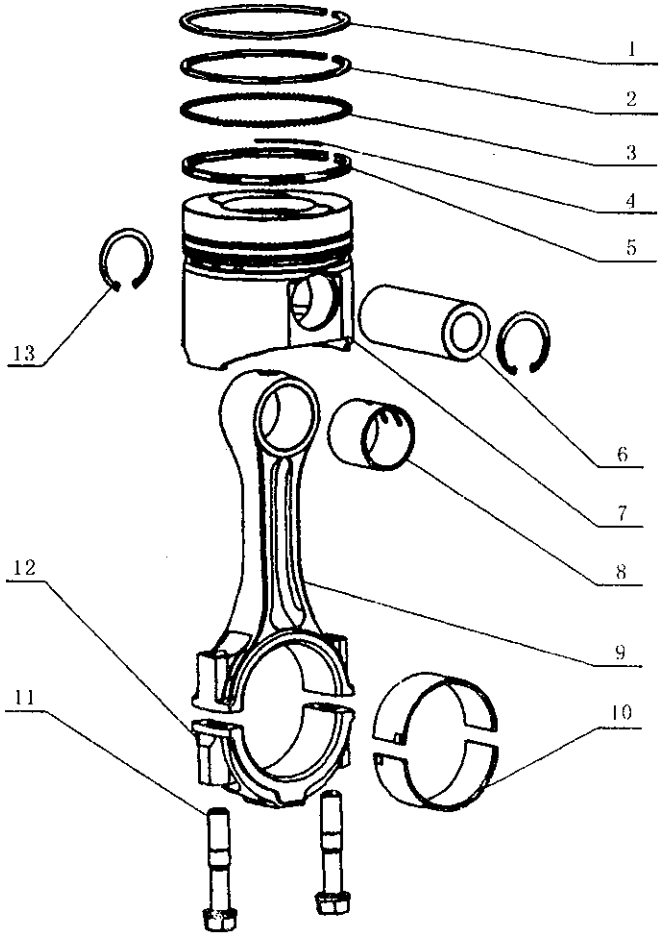
3. 气缸盖总成　Cylinder Head Assy



4. 活塞连杆总成　Piston – connecting Rod Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q – 04001	第一道气环	Compression ring(Ⅰ)	4	
2	Y4100Q – 04002	第二道气环	Compression ring(Ⅱ)	4	
3	Y4100Q – 04102	油环弹簧	Spring, oil scraping ring	4	
4	Y4100Q – 04103	弹簧锁口	Latch, oil scraping ring	4	
5	Y4100Q – 04101	油环本体	Oil scraping ring	4	
6	Y4100Q – 04004	活塞销	Piston pin	4	
7	Y4100Q – 04005	活塞	Piston	4	
8	Y4100Q – 04201	连杆衬套	Bushing, connecting rod	4	
9	Y4100Q – 04202	连杆体	Connecting rod body	4	
10	Y4100Q – 04003	连杆轴瓦	Bearing, connecting rod	8	
11	Y4100Q – 04204	连杆螺栓	Bolt, connecting rod	8	
12	Y4100Q – 04203	连杆盖	Connecting rod cap	4	
13	GB893. 1 – 86	孔用弹性挡圈　35	Circlip for hole 35	8	

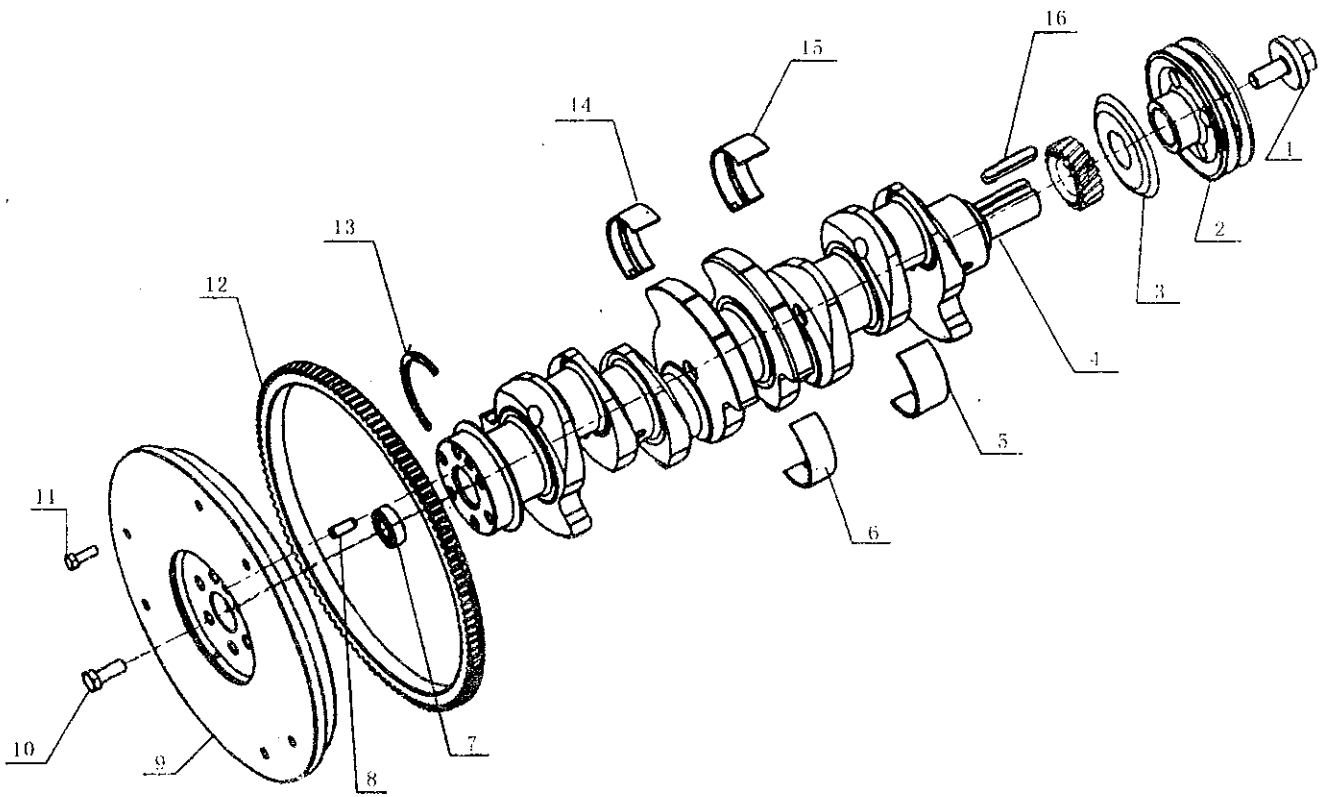
4. 活塞连杆总成　Piston – connecting Rod Assy



5. 曲轴飞轮总成 Crankshaft – flywheel Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	YSD4100Q – 05004	起动爪	Cranking jaw crankshaft	1	
2	Y4100Q – 05005	曲轴皮带轮	V – belt pulley, crankshaft	1	
3	Y4100Q – 05004	前挡油圈	Oil retainer, front	1	
4	Y4100Q – 05003	曲轴	Cranlshaft	1	
5	Y4100Q – 01017	前后主轴承下瓦	Bottom half, front and rear main bearing	2	
6	Y4100Q – 01018	中间主轴承下瓦	Bottom half, middle main bearing	2	
7	GB/T276 – 94	轴承 6203 – Z	Ball bearing 6203 – Z	1	
8	GB119 – 86	圆柱销 B10 × 24	Dowel pin B10 × 24	1	
9	Y4100Q – 05101	飞轮	Flywheel	1	
10	Y4100Q – 05002	飞轮紧固螺栓	Bolt, flywheel	6	
11	Y480Q – 60 – 18001a	离合器压盘定位螺栓	Set screw press, press clutch	6	
12	Y4100Q – 05102	飞轮齿圈	Ring gear	1	
13	Y4100Q – 01008	曲轴止推片	Thrust plate	4	
14	Y4100Q – 01016	中间主轴承上瓦	Top half, middle main bearing	3	
15	Y4100Q – 01015	前后主轴承上瓦	Top half, front and rear main bearing	2	
16	GB1096 – 76	平键 A10 × 60	Key A10 × 60	1	

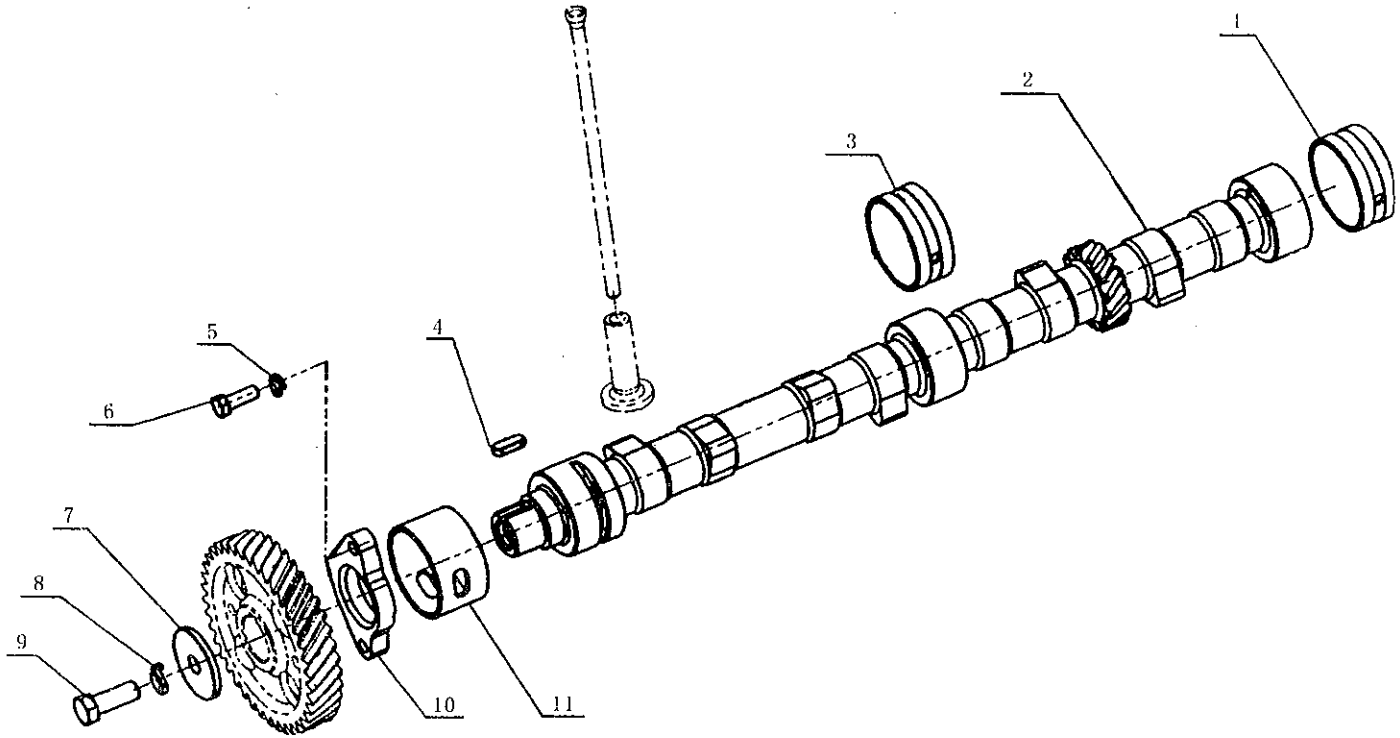
5. 曲轴飞轮总成　　Crankshaft – flywheel Assy



6. 凸轮轴总成 Camshaft Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q-01026	凸轮轴衬套(Ⅲ)	Bushing(Ⅲ)camshaft	1	材料:AlSnZoCu-08A(钢背)
2	Y4100Q-06001	凸轮轴	Camshaft	1	
3	Y4100Q-01025	凸轮轴衬套(Ⅱ)	Bushing(Ⅱ)camshaft	1	材料:ZQSn6-6-3
4	GB1096-76	平键 A8×22	Key A8×22	1	
5	GB93-87	垫圈 8	Spring washer 8	2	
6	GB21-76	螺栓 M8×25	Bolt M8×25	2	
7	YSD490Q-02012	惰齿轮挡圈	Baffle, idler gear	1	
8	GB93-87	垫圈 12	Spring washer 12	1	
9	GB5783-86	光六角头螺栓 M12×32	Bolt M12×32	1	
10	Y4100Q-02010	凸轮轴止推板	Thrust plate, camshaft	1	
11	Y4100Q-01024	凸轮轴衬套(Ⅰ)	Bushing(Ⅰ), camshsft	1	材料:AlSnZoCu-08A(钢背)

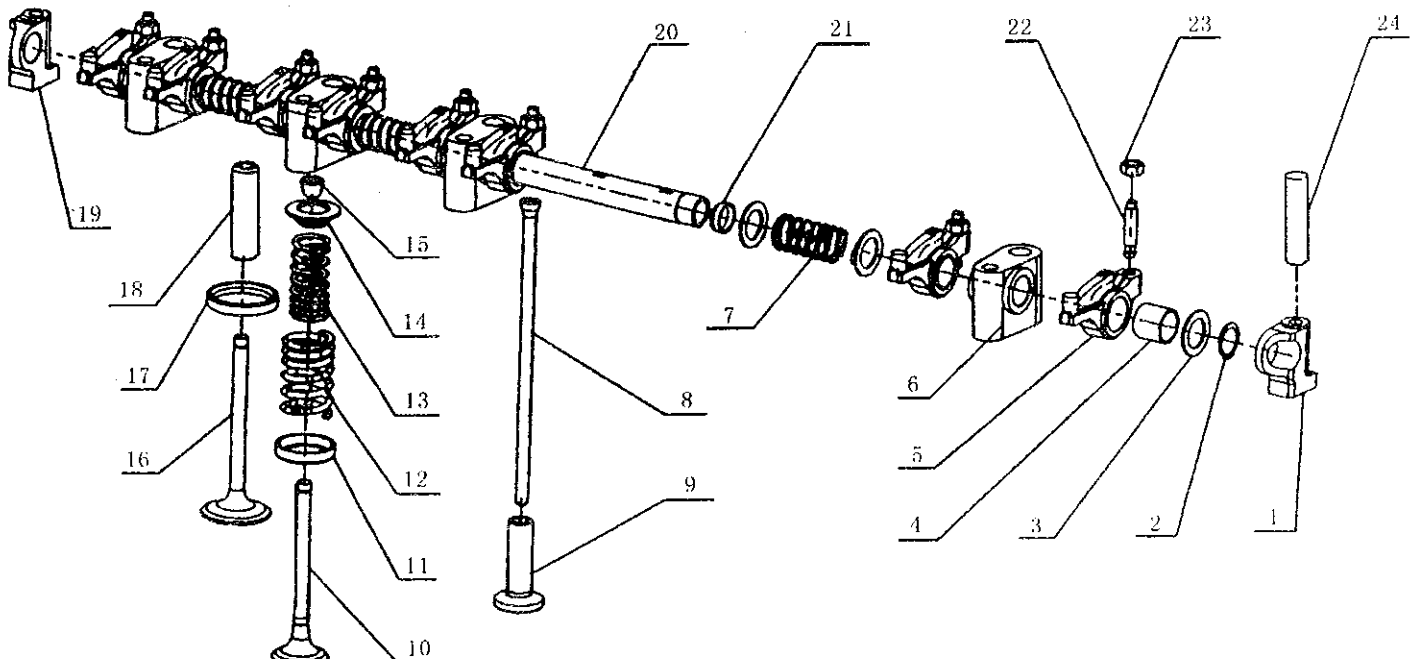
6. 凸轮轴总成　Camshaft Assy



7. 配气机构 Valve Train

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q-03206	后辅助摇臂座	Rear bracket, rocker arm shaft	1	
2	GB894.2-86	轴用弹性挡圈 20	Circlip, for hole 20	2	
3	Y4100Q-03205	垫圈	Washer	8	
4	Y4100Q-03208	气门摇臂衬套	Bushing, rocker arm	8	
5	Y4100Q-03203	气门摇臂	Rocker arm	8	
6	Y4100Q-03207	摇臂座	Rocker arm shaft bracket	4	
7	Y4100Q-03204	摇臂轴弹簧	Spring, rocker arm shaft	3	
8	Y4100Q-06003	气门推杆	Push rod	8	
9	Y4100Q-06002	气门挺柱	Tappet	8	
10	Y4100Q-03015	排气门	Exhaust valve	4	
11	Y4100Q-03104	排气门座	Seat insert, exhaust valve	4	
12	Y4100Q-03007	气门外弹簧	Valve spring outer	8	
13	Y4100Q-03017	气门内弹簧	Valve spring inner	8	
14	Y4100Q-03009	气门上弹簧座	Top seat valve spring	8	
15	Y4100Q-03008	气门锁夹	Collets, valve	16	
16	Y4100Q-03014	进气门	Inlet valve	4	
17	Y4100Q-03103	进气门座	Seat insert, inlet valve	4	
18	Y4100Q-03102	气门导管	Guide valve	8	
19	Y4100Q-03202	前辅助摇臂座	Front bracket, rocker arm shsft	1	
20	Y4100Q-03211	摇臂轴	Rocker arm shaft	1	
21	Y4100Q-03212	碗形塞 Ø15	Plug Ø15	2	
22	Y4100Q-03201	气门间隙调整螺钉	Adjusting screw, rocker arm	8	
23	GB171-86	螺母 M8×1	Nut M8×1	8	
24	GB898-88	螺柱 AM8×60	Stud AM8×60	2	

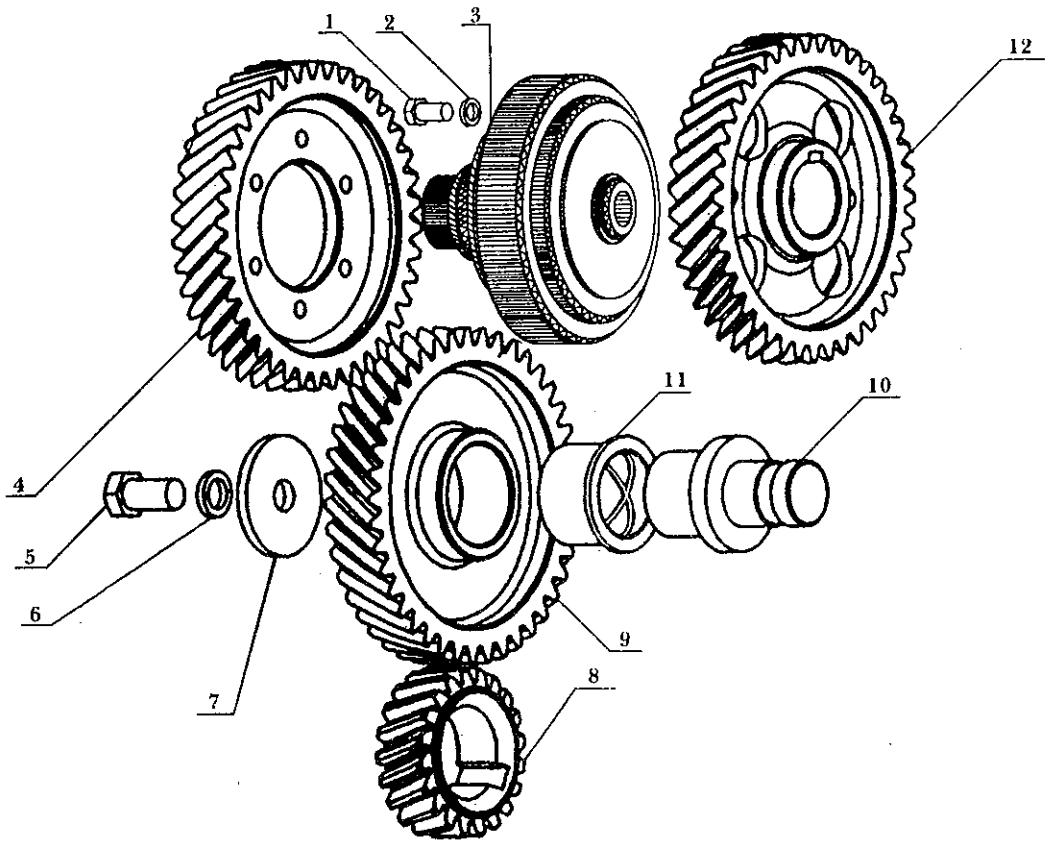
7. 配气机构　Valve Train



8. 正时齿轮传动系统 Timing Gear Train

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB30 – 76	螺栓 M6 × 16	Bolt M6 × 16	6	
2	GB93 – 87	垫圈 6	Spring Washer 6	6	
3	Y4100Q – 02100	喷油提前器部件	Injdction – advomce device	1	
4	Y4100Q – 02003	喷油泵齿轮	Fuei injection pump drive gear	1	
5	GB21 – 76	螺栓 M12 × 32	Bolt M12 × 22	1	
6	GB93 – 87	垫圈 12	Spring Washer 12	1	
7	YSD490Q – 02012	惰齿轮挡圈	Baffle, idler gear	1	
8	Y4100Q – 02009	曲轴正时齿轮	Timing gear, crankshaft	1	
9	Y4100Q – 02201	惰齿轮	Idler gear	1	
10	Y4100Q – 02007	惰齿轮轴	Shsft, idler gear	1	
11	Y4100Q – 02202	惰齿轮衬套	Bushing, idler gear	1	
12	Y4100Q – 02011	凸轮轴正时齿轮	Gear, camshaft	1	

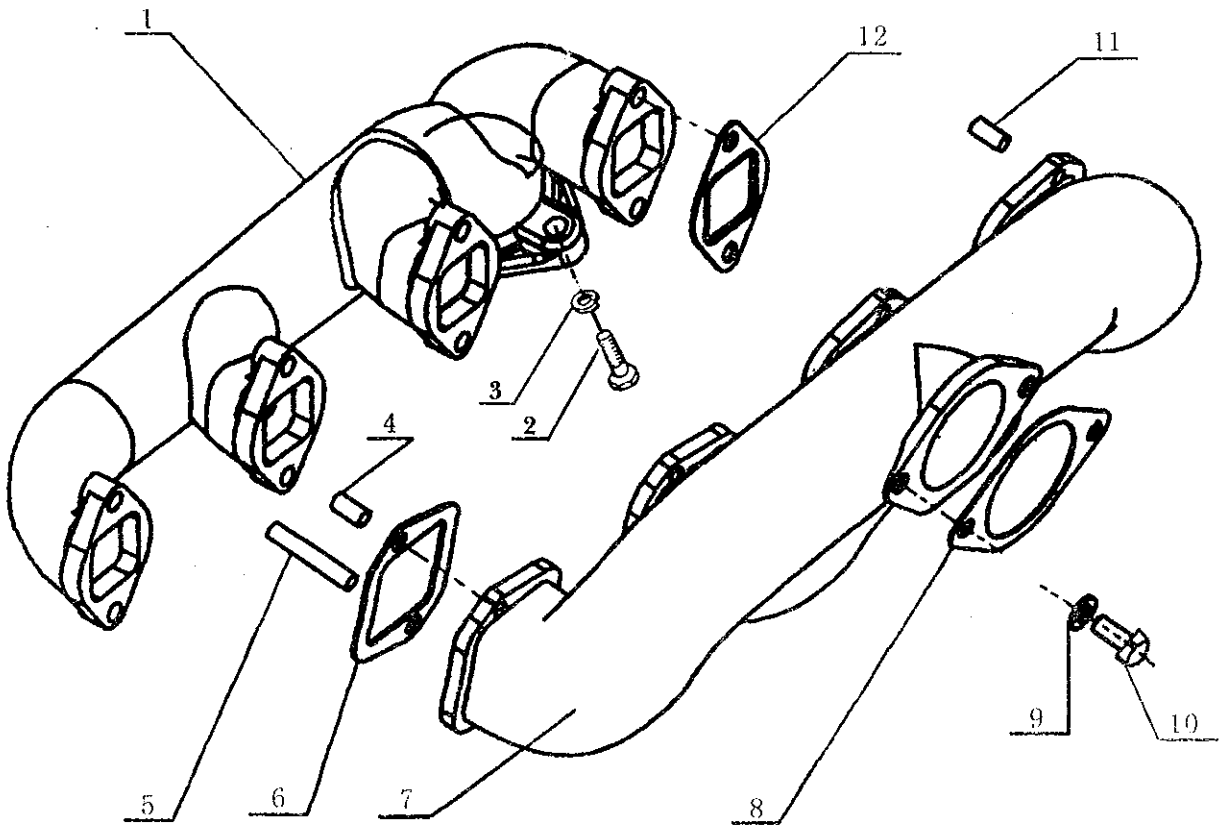
8. 正时齿轮传动系统　Timing Gear Train



9. 进排气管总成 Intake – Exhaust Pipe Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q – 08001	排气管	Exhaust manifold	1	
2	GB5783 – 86	螺栓 M10 × 25	Bolt M10 × 25	2	
3	GB93 – 87	垫圈 10	Washer 10	2	
4	GB898 – 88	螺柱 AM8 × 28	Stud AM8 × 28	8	
5	GB898 – 88	螺柱 AM8 × 45	Stud AM8 × 45	4	
6	Y4100Q – 03002	进气管垫片	Gasket, intake manifold	4	
7	Y4100Q – 07001	进气管	Intake , manifold	1	
8	Y4100Q – 07003	进气接管垫片	Gasket, intake connectint pipe	1	
9	GB97 – 76	垫圈 8	Washer 8	2	
10	GB21 – 76	螺栓 8 × 25	Bolt 8 × 25	2	
11	GB898 – 88	螺柱 AM8 × 16	Stud AM8 × 16	4	
12	Y4100Q – 03006	排气管垫片	Gasket, exhaust manifold	4	

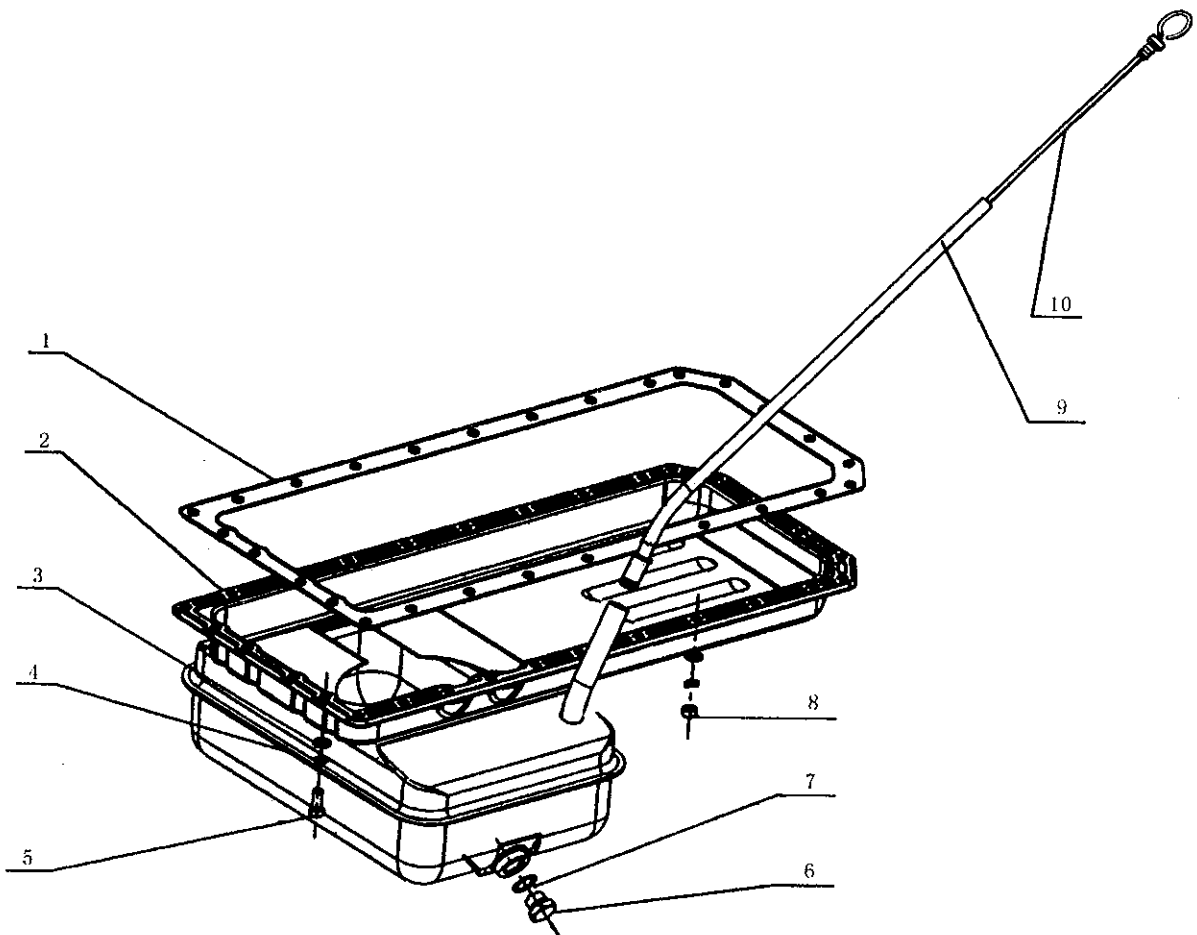
9. 进排气管总成　Intake – Exhaust Pipe Assy



10. 油底壳部件 Oil Sump

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q-01019	油底壳垫片	Gasket, oil sump	1	
2	Y4100Q-01700	油底壳焊合件	Oil sump weld assy	1	
3	GB97-76	垫圈 8	Washer 8	29	
4	GB93-87	垫圈 8	Spring washer 8	29	
5	GB21-76	螺栓 M8×16	Bolt M8×16	12	
6	Y480G-01703a	放油螺塞	Drain plug	1	
7	Y480G-01704a	垫圈 18	Copper washer 18	1	
8	GB51-76	螺母 M8	Nut 8	17	
9	Y4100Q-01601	油尺套管	Dipstick tube	1	
10	Y4100Q-01400	油标尺焊接件	Dipstick assy	1	

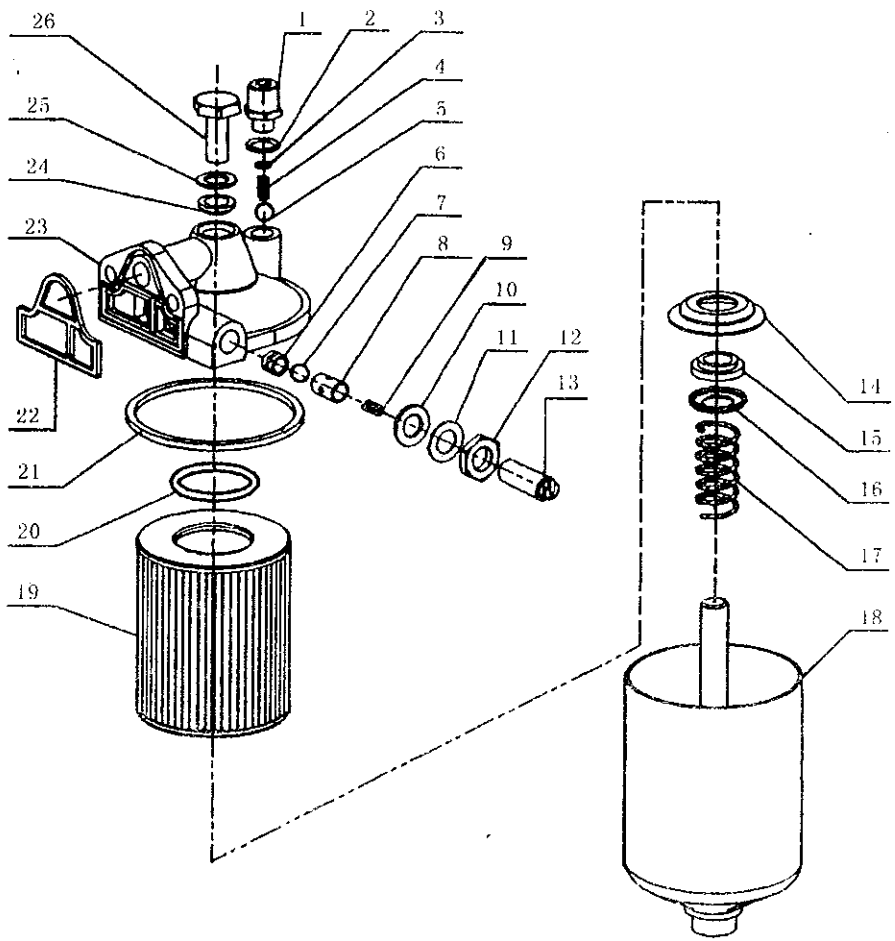
10. 油底壳部件　Oil Sump



11. 机油滤清器部件 Lubricating Oil Filter

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	J1012H－007	螺塞	Screw	1	
2	J1012H－008	铝垫片	Washer	1	
3	J1012H－023	安全阀调压垫片	Pressure regulating washer, by－pass valve	1	
4	J1012H－005	旁通弹簧	Spring of by－pass valve	1	
5	J1012H－006－2	钢球	By－pass ball valve	1	
6	J1012H－015	阀座	Valve seat	1	
7	J1012H－006－2	钢球	By－pass ball valve	1	
8	J1012H－015	调压阀	Regulating valve	1	
9	J1012H－017	调压弹簧	Spring regulating valve	1	
10	J1012H－019	调压密封胶圈	Sealing ring	1	
11	J1012H－020	调压密封盖	Cover	1	
12	J1012H－021	固定螺母	Set nut	1	
13	J1012H－018	调压螺栓	Pressure regulating screw	1	
14	J1012H－013	托盘	Clamp cover filter element	1	
15	J1012H－011	拉杆密封垫圈	Seal washer	1	
16	J1012H－012	弹簧座	Spring－seat	1	
17	J1012H－014	压紧弹簧	Spring	1	
18	J1012H－200	壳体部件	Filter shell assy	1	
19	J1012H－020	滤芯部件	Filter element assy	1	
20	J1012H－010	滤芯密封垫圈	Seal ring	1	
21	J1012H－009	座体密封垫圈	Seal ring	1	
22		机油滤清器垫片	Gasket	1	
23	J1012H－00－004	滤座	Oil filter head	1	
24	J1012H－003	密封胶圈	Seal ring	1	
25	J1012H－002	垫圈	Washer	1	
26	J1012H－001	拉杆螺栓	Screw, pull rod	1	

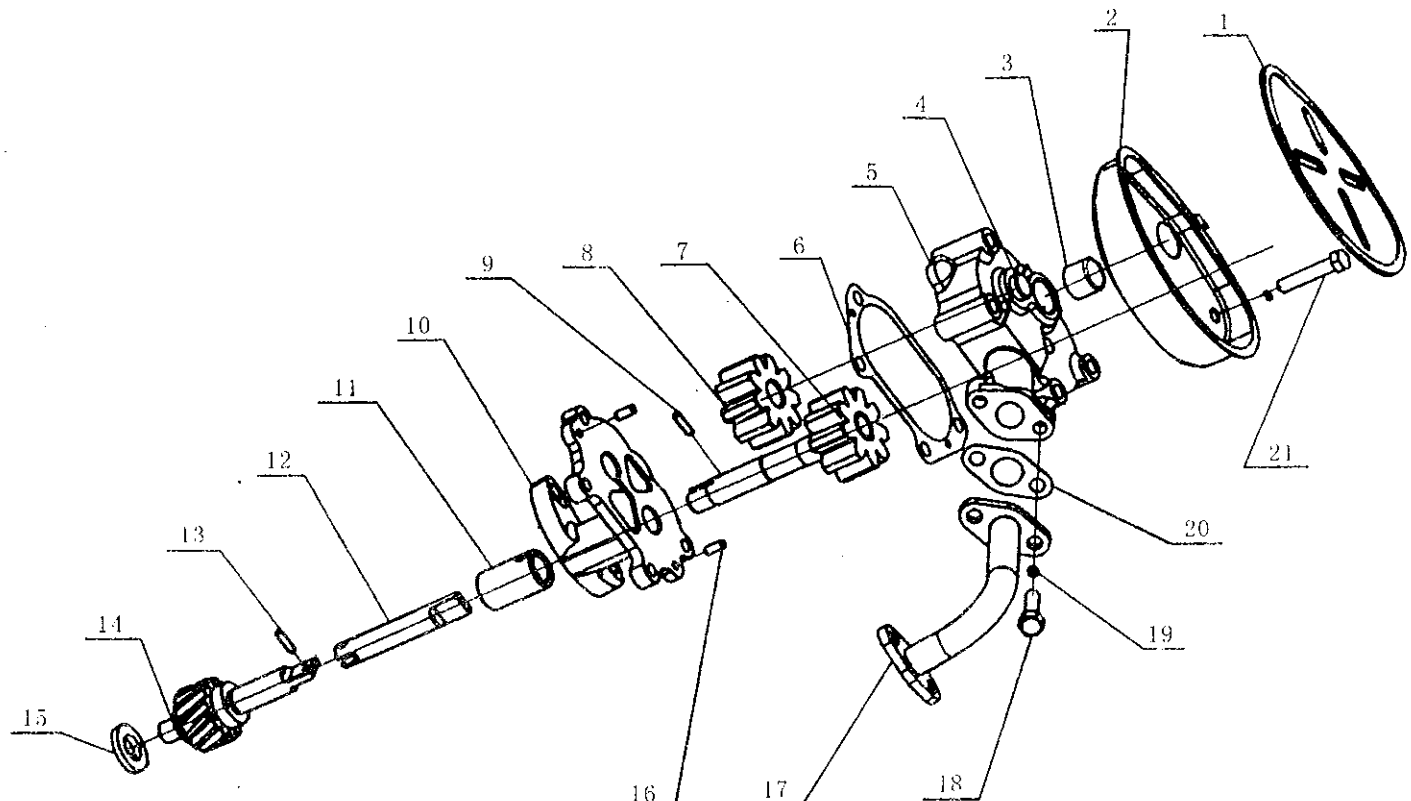
11. 机油滤清器部件　Lubricating Oil Filter



12. 机油泵部件 Lubricating Oil Pump

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q-09140	滤网焊合件	Screen weld assy	1	
2	Y4100Q-09103	集滤器壳	Casing, oil collector and screen	1	
3	Y4100Q-09101	吸油管	Oil suction pipe	1	
4	Y4100Q-09106	从动齿轮轴	Shaft, driven gear	1	
5	Y4100Q-09108	机油泵体	Pump body	1	
6	Y4100Q-09104	纸垫	Gasket	1	
7	Y4100Q-09110	主动轴合件	Drive shaft assy	1	
8	Y4100Q-09109	从动齿轮	Drive gear	1	
9	GB119-86	销 A4×22	Pin A4×22	1	
10	Y4100Q-09107	机油泵盖	Pump cover	1	
11	Y4100Q-09121	导向套	Lead sheath	1	
12	Y4100Q-09122	中间接杆	Middle connect rod	1	
13	GB119-86	销 B4×16	Pin B4×16	1	
14	Y4100Q-09102	传动齿轮轴	Helical gear with shaft	1	
15	Y4100Q-09105	调整垫片	Adjusting shim	1	
16	GB119-86	销 A5×12	Pin A5×12	2	
17	Y4100Q-09400	机油泵出油管合件	Oil outlet pipe assy	1	
18	GB5783-86	螺栓 M8×22	Boit M8×22	2	
19	GB93-87	垫圈 8	Spring washer 8	8	
20	Y4100Q-09002	纸垫	Gasket	2	
21	GB5782-86	螺栓 M8×60	Bolt M8×60	4	

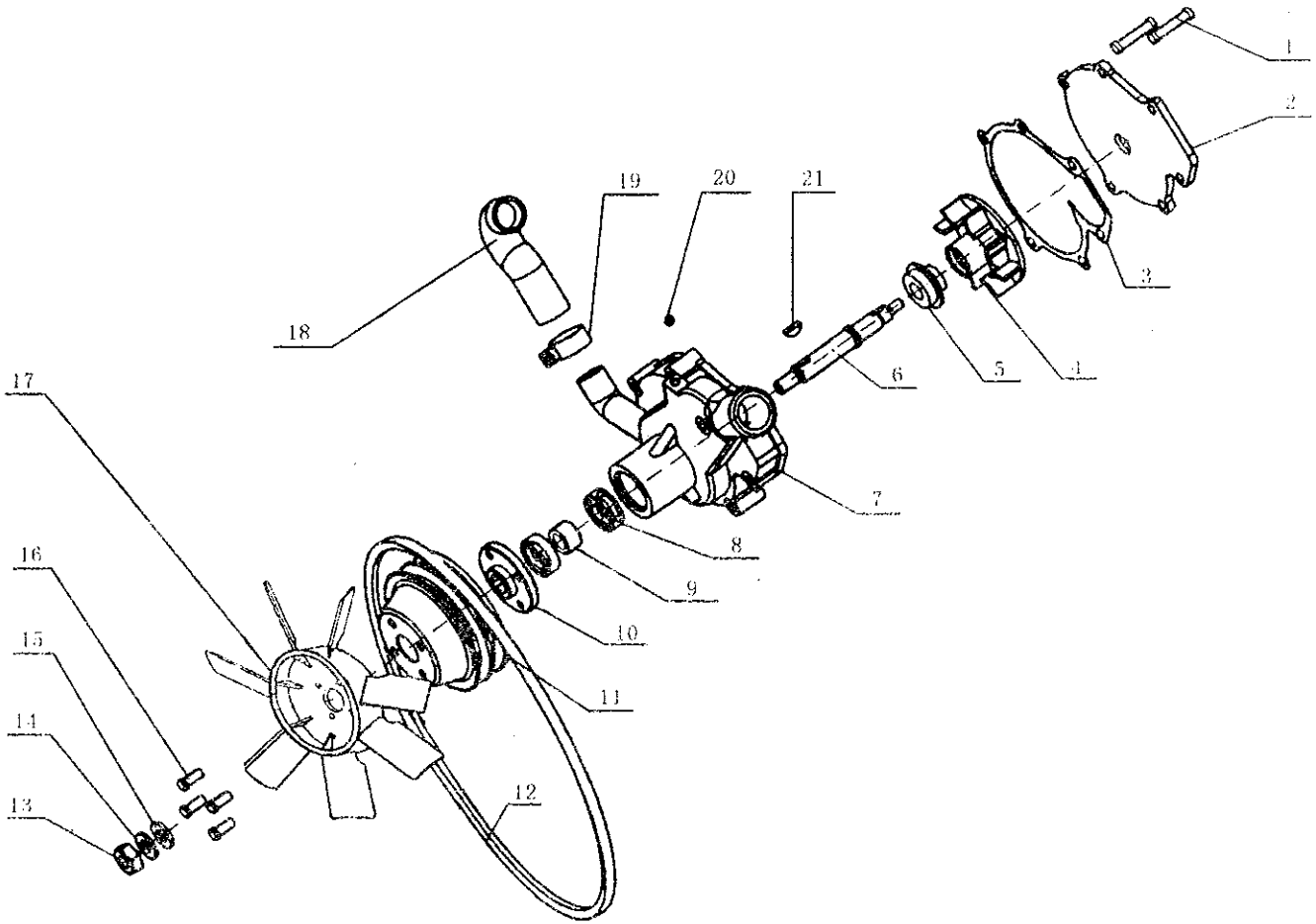
12. 机油泵部件　Lubricating Oil Pump



13. 冷却系统(一)　Cooling System Assy(一)

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB819－76	螺钉 M8×12	Scre M8×12	2	
2	Y4100Q－11108	水泵盖板	Back plate, water pump	1	
3	Y4100Q－11107	垫片	Gasket, water pump	1	
4	Y4100Q－11105	水泵叶轮	Impeller water pump	1	
5	YSD490Q－11110A	水封总成	Water sealing assy	1	
6	Y4100Q－11106	水泵轴	Shaft, water pump	1	
7	Y4100Q－11103	水泵体	Housing, water pump	1	
8	GB/T276－94	轴承 6203－Z	Ball bearing 6203－Z	2	
9	Y4100Q－11104	轴承隔套	Spacer	1	
10	Y4100Q－11109	水泵轮毂	Frange	1	
11	Y4100Q－11102	水泵皮带轮	V－belt pully, water pump	1	
12	GB12732－1996	风扇带 AV17×1135	Fan belt AV17×1135	1	
13	GB52－76	螺母 M12×1.25	Hexagon water nut M12×1.25	1	
14	GB93－87	垫圈 12	Spring water 12	1	
15	GB97－76	垫圈 12	Washer 12	1	
16	GB5783－86	螺栓 M8×18	Bolt M8×18	4	
17	Y4100Q－11003	风扇部件	Fan assy	1	
18	Y4100Q－11001	小循环胶管	Rubber hose	1	
19	GB566－83	橡皮软管用环箍 B31－40	Clamp rudder hose B31－40	2	
20	GB1152－79	直通式压注油杯 M6	Grease nipple M6	1	
21	GB1099－76	半圆键 5×7.5×19	Woodruff key 5×7.5×19	1	

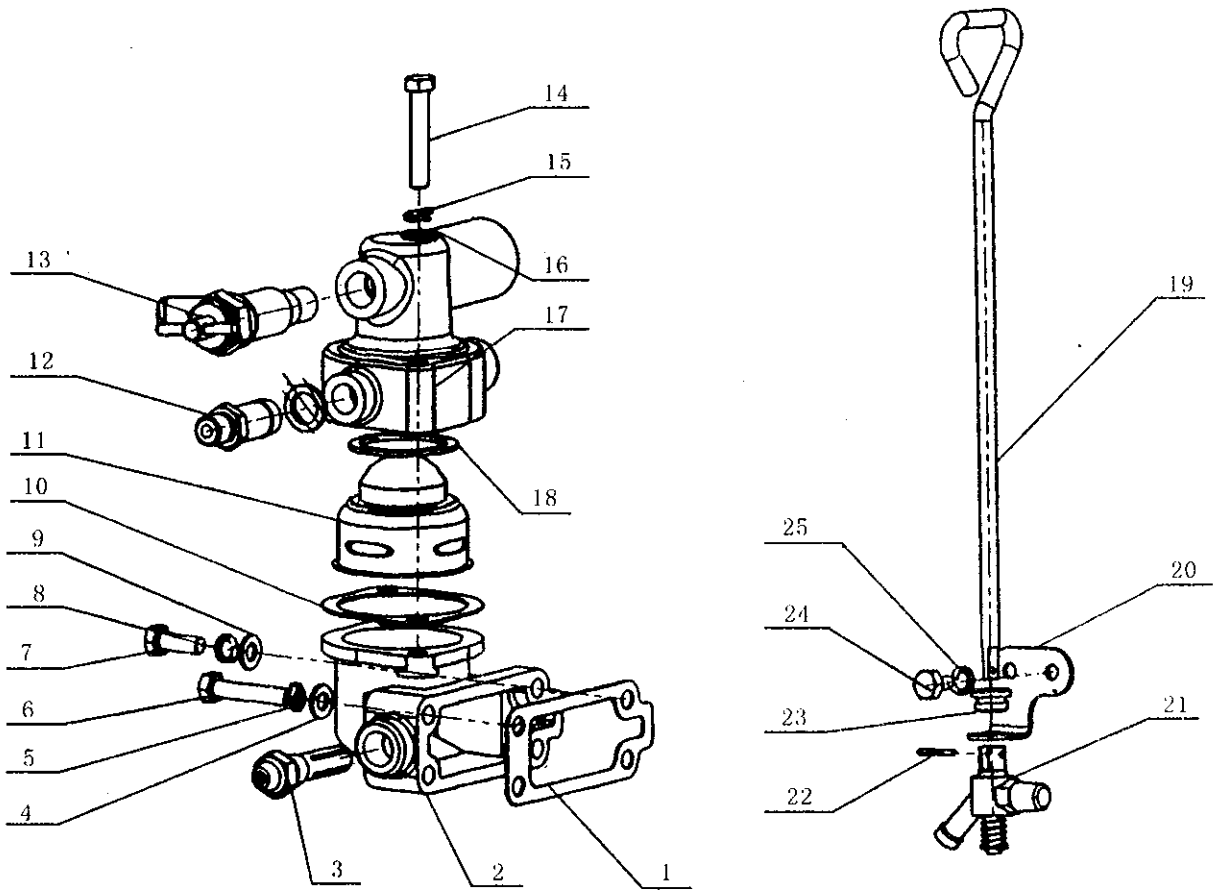
13. 冷却系统(一)　Cooling System Assy(一)



14. 冷却系统(二)　Cooling System Assy(二)

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q-03016	缸盖前盖板垫片	Gasket, front cover	1	
2	Y4100Q-11304	缸盖前盖板	Frint cover, cylinder head	1	
3	YSD4100Q-11310	水温感应塞	Water temperature induction plug	1	
4	GB97-76	垫圈 8	Washer 8	2	
5	GB93-87	垫圈 8	Spring washer 8	2	
6	GB21-76	螺栓 M8×45	Bolt M8×45	2	
7	GB21-76	螺栓 M8×25	Bolt M8×25	2	
8	GB93-87	垫圈 8	Spring washer	2	
9	GB97-76	垫圈 8	Washer 8	2	
10	Y4100Q-11302	节温器盖垫片	Gasket, thermostat cover	1	
11	YSD4100Q-11320	蜡质调温器	Wax thermostat	1	
12	YSD490Q-1-01001	暖气回水螺套	Adapter, by-pass tube	1	
13	YSD490Q-7-11410	暖水开关部件	Cock assy, by-pass water	1	
14	GB21-76	螺栓 M8×50	Bolt M8×50	2	
15	GB97-76	垫圈 8	Washer 8	2	
16	GB93-87	垫圈 8	Spring washer 8	1	
17	Y4100Q-11301	节温器盖	Thermostat cover	1	
18	Y4100Q-11305	矩形垫圈	Seal ring	1	
19	Y485Q-16-01301	水阀操作杆	Control rod, cock assy	1	
20	Y4100Q-01301	水阀操作杆支撑	Surport of control rod	1	
21	Y485Q-16-01303	气缸体放水阀总成	Water drain cork	1	
22	GB91-86	销 2.5×20	Pin 2.5×20	1	
23	Y4100Q-01303	护套	Protect sleeve	1	
24	GB30-76	螺栓 M6×16	bolt M6×16	2	
25	GB93-87	垫圈 6	Spring washer 6	2	

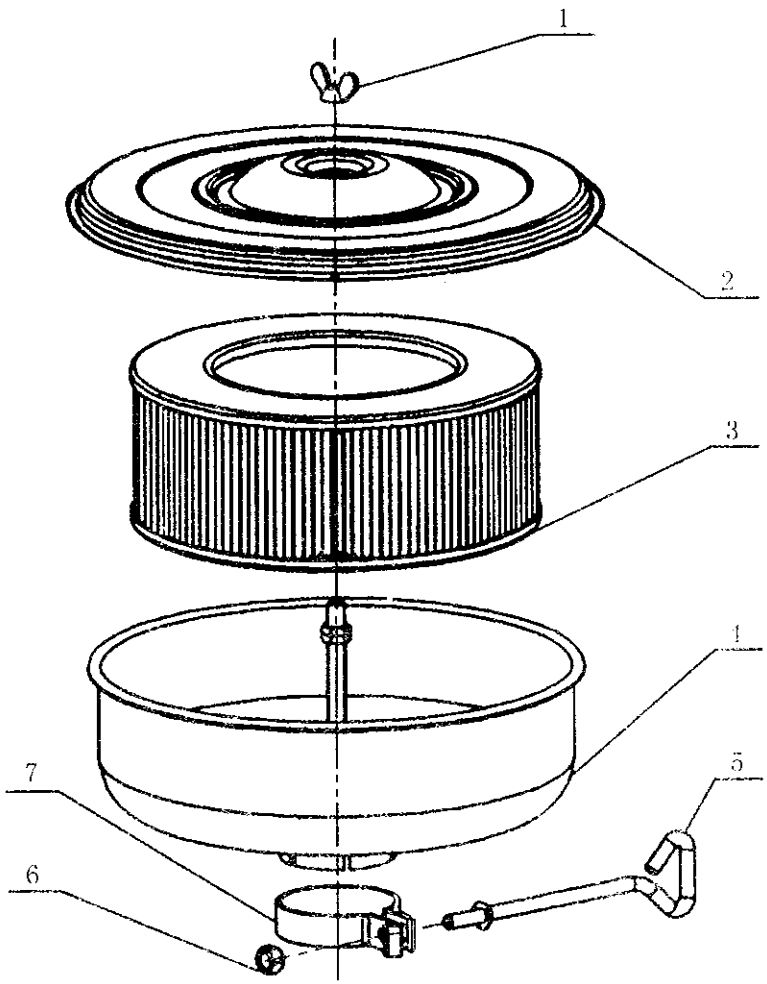
14. 冷却系统(二)　Cooling System Assy(二)



15. 空气滤清器总成 Air Cleaer Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB62 - 88	蝶形螺母 M8	Wing nut M8	1	
2	2007 - 0001	罩盖	Air cleaner cover	1	
3	2007 - 1000	滤芯部件	Paper air filtering element	1	
4	2007 - 3000	壳体部件	Casing assy	1	
5	2001 - 5002	锁紧螺栓	Lock bolt	1	
6	GB51 - 66	方螺母 M8	Nut M8	1	
7	2007 - 5001	卡箍	Hoop	1	

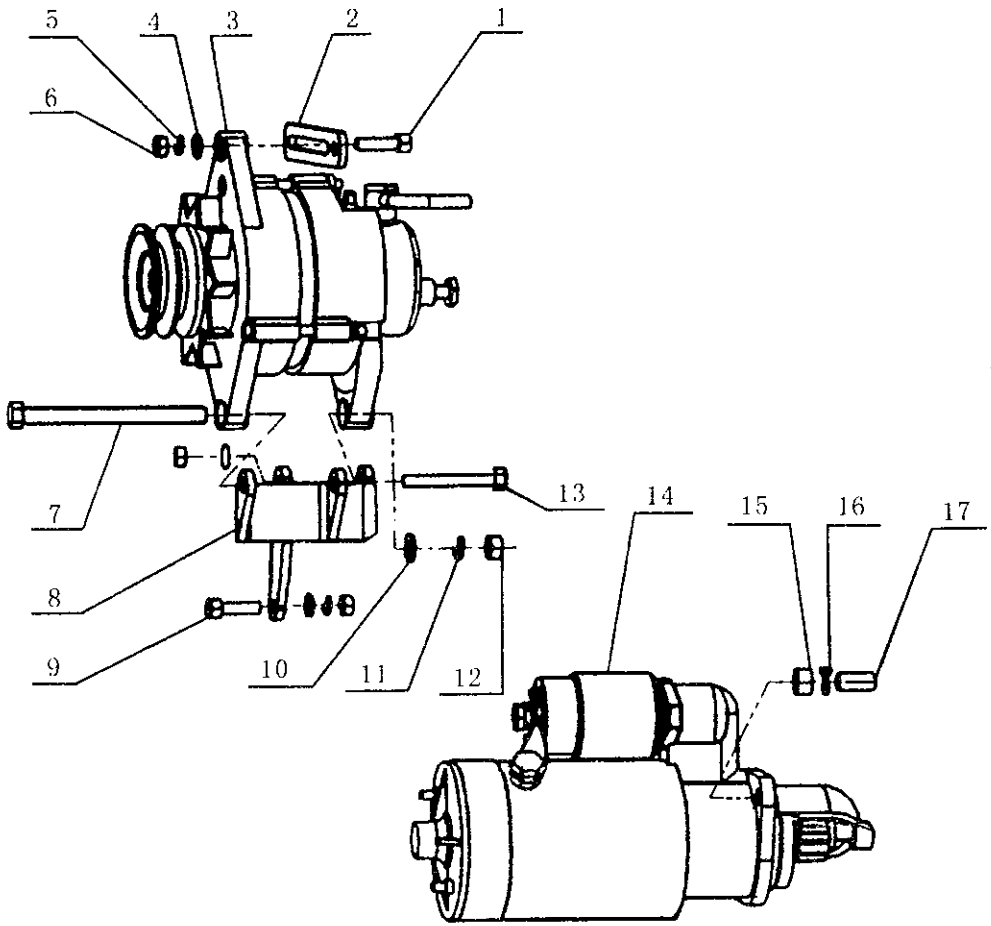
15. 空气滤清器总成　Air Cleaer Assy



16. 电气系统总成 Electric Systen Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	GB21 – 76	螺栓 M8 × 25	Bolt M8 × 25	1	
2	Y4100Q – 12003	发电机调整架	Adjusting plate, generator	1	
3	Y4100Q – 17100	发电机	Generator	1	
4	GB97 – 76	垫圈 8	Washer 8	3	
5	GB93 – 87	垫圈 8	Spring washer 8	3	
6	GB51 – 76	螺母 M8	Thin hexagon nut M8	3	
7	GB21 – 76	螺栓 M10 × 125	Bolt M10 × 125	1	
8	Y4100Q – 12400	发电机支架焊合件	Generator bracket weld assy	1	
9	GB21 – 76	螺栓 M8 × 45	Bolt M8 × 45	1	
10	GB97 – 76	垫圈 10	Washer 10	1	
11	GB93 – 87	垫圈 10	Spring washer 10	1	
12	GB51 – 76	螺母 M10	Thin hexagon M10	1	
13	GB21 – 76	螺栓 M8 × 85	Bolt M8 × 85	1	
14	Y4100Q – 12300	起动电机	Starter	1	
15	GB52 – 76	螺母 10	Thin hexagon M10	2	
16	GB93 – 87	垫圈 12	Spring Washer 12	2	
17	GB898 – 88	螺柱 AM12 × 25	Stud AM12 × 125	2	

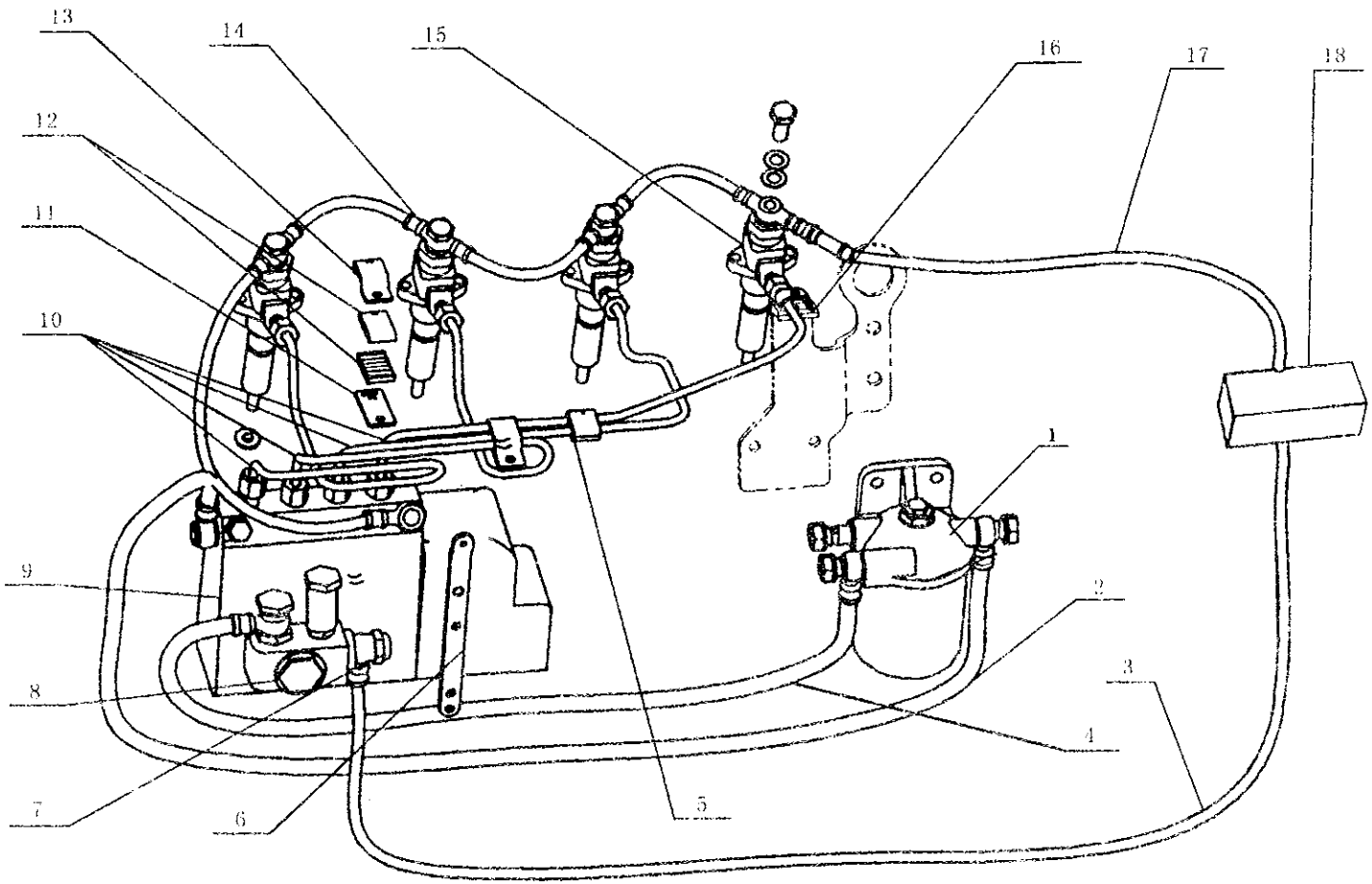
16. 电气系统总成　Electric Systen Assy

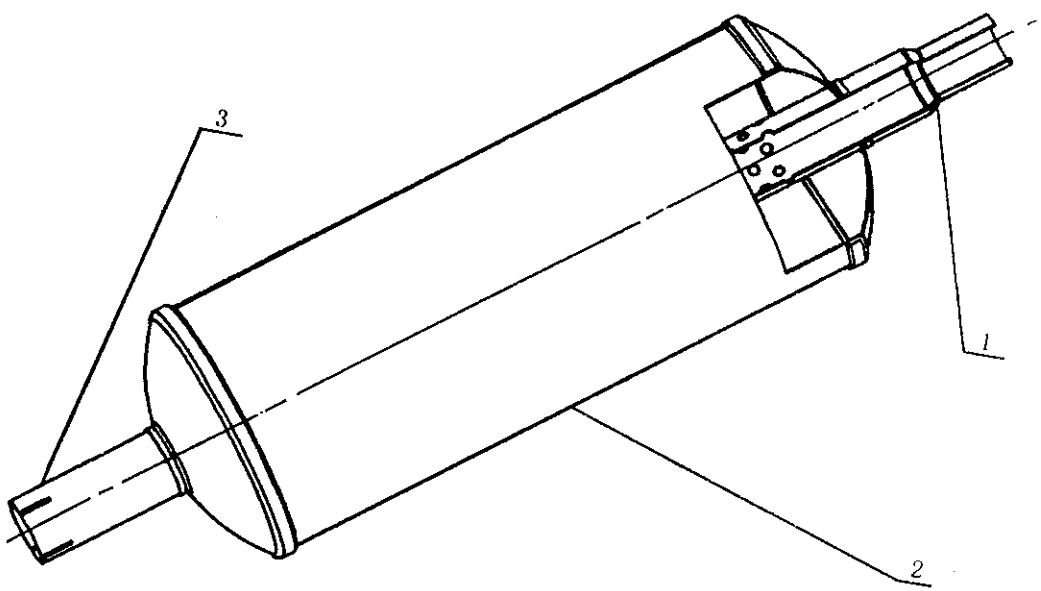


17. 燃油系统总成 Fuel Systen Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	Y4100Q－10600	柴油滤清器	Fuel filter	4	
2	Y4100Q－10900	输油胶管 750	Fuel pipe 750	1	
3		输油胶管	Fuel pipe	1	
4	Y4100Q－10800	输油胶管 750	Fuel pipe 450	1	
5	Y4100Q－10730	高压油管夹部件	High pressure fuel pipe clamp	1	
6	Y4100Q－10110	油门手柄	Speed cotrol lever	1	
7	Y4100Q－10001	进油接头	Fuel inlet adaptor	1	
8		输油泵	Fuel transfer pnmp	1	
9	Y4100Q－10100	喷油泵	Fuel injection pump	1	
10	Y4100Q－10200	高压油管组件	High pressure fuel pipe clamp unite	1	
11	Y4100Q－10712	油管夹下夹板	High prseeire fule pipe clamp liower	2	
12	Y4100Q－10711	橡胶垫	Rubber clampling piece	4	
13	Y4100Q－10713	油管夹上夹板	High pressire fule pipe clamp up	2	
14	Y4100Q－10400	喷油器回油管部件	Fuel injector leak－off pipe assy	1	
15	Y4100Q－10300	喷油器	Fuel injector	4	
16	Y4100Q－10003	单缸高压油管夹	Single cylinder high pressure fuel pipe clamp	1	
17		输油胶管	Fuel pipe	1	
18		油箱	Fuel tank	1	

17. 燃油系统总成　Fuel Systen Assy



18. 消声器总成 Silencer Assy

序号 Ser No.	图号 Parts No.	名称	Name of Parts	数量 Qty	附注 Remarks
1	YSD4100Q-13003	消声进气管	Admission pipe silencer	1	
2	YSD4100Q-13100	消声器主体焊合件	Silencer body assy	1	
3	YSD4100Q-13001	消声器	Silencer pipe	1