

常柴 4L40 系列柴油机零件图册

PARTS CATALOG OF CHANGCHAI BRAND

4L40 SERIES DIESEL ENGINE

常柴股份有限公司

CHANGCHAI CO., LTD.CHINA

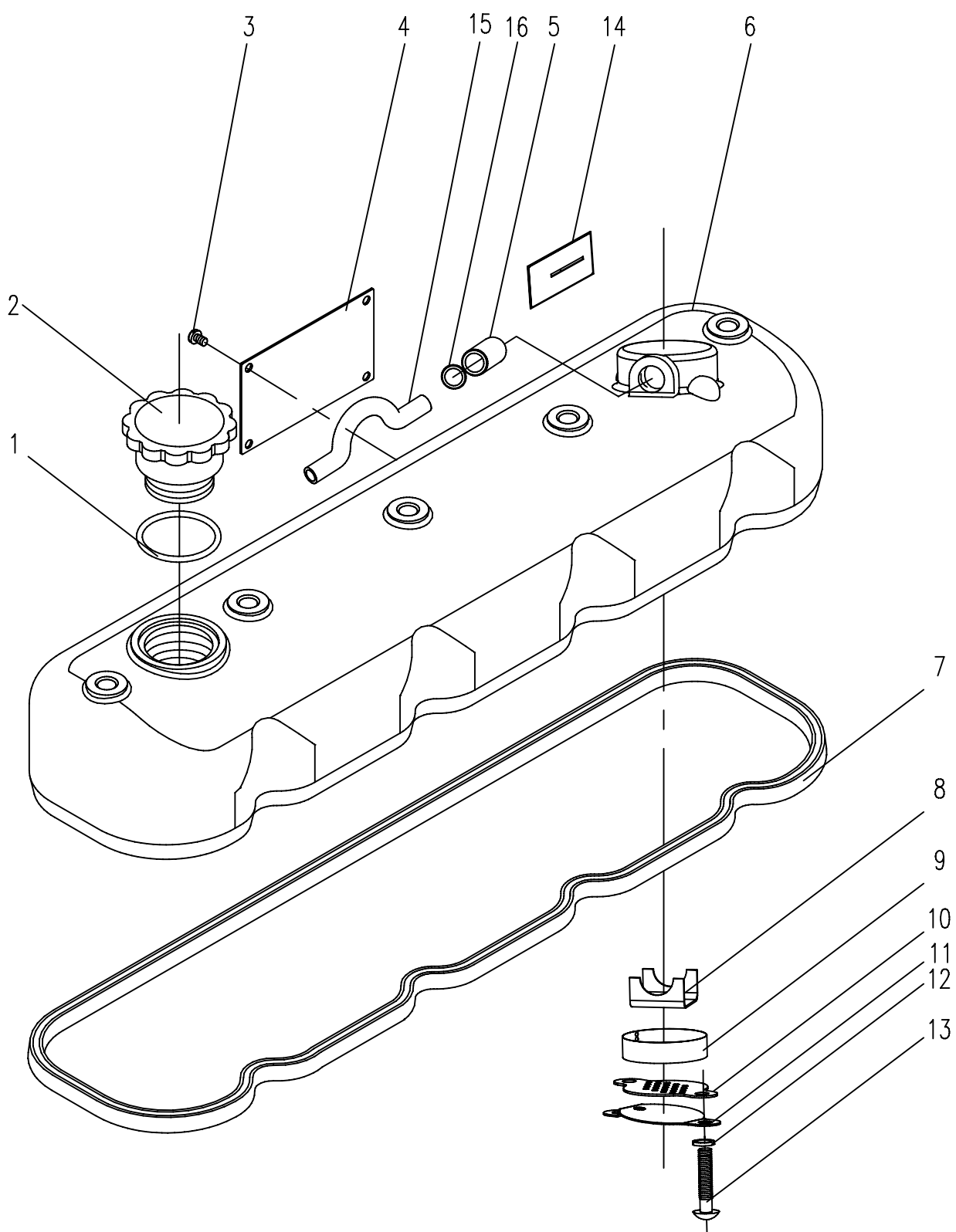


图1 气缸盖罩总成

Fig.1 Cylinder Head Cover Assembly

气缸盖罩总成 (图 1)
Cylinder Head Cover Assembly (Fig. 1)

序号 Ref. No.	名 称 Name of Part	零、部件号 Part No.	数量 Quantity
1	O 型密封圈 Seal ring 33.5×2.65	GB/T3452.1-92	1
2	加油口盖 Oil filling cover	N85-01002	1
3	螺钉 Bolt M4×6	GB/T65-2000	4
4	铭牌 Name plate	ZN390TE-01009Y	1
5	抽气管 Breather tube	N85-01004	1
6	气缸盖罩 Cylinder head cover	4L68-010003B	1
7	气缸盖罩密封圈 Cylinder head cover seal	N485-01001	1
8	挡架 Retainer	N85-01005	1
9	铁丝滤网 Steel wool screen	N85-01008	1
10	多孔挡板 Multi-hole retaining plate	N85-01007	1
11	挡油板 Oil retainer	N85-01006	1
12	垫圈 Washer 6	GB/T895-87	2
13	螺钉 Screw M6×12	GB/T65-2000	2
14	排放标签 Emission label		1
15	回气管 Breather pipe	ZN390TE-09007	1
16	夹箍 Pipe clip Q676B25	QC/T619-1999	2

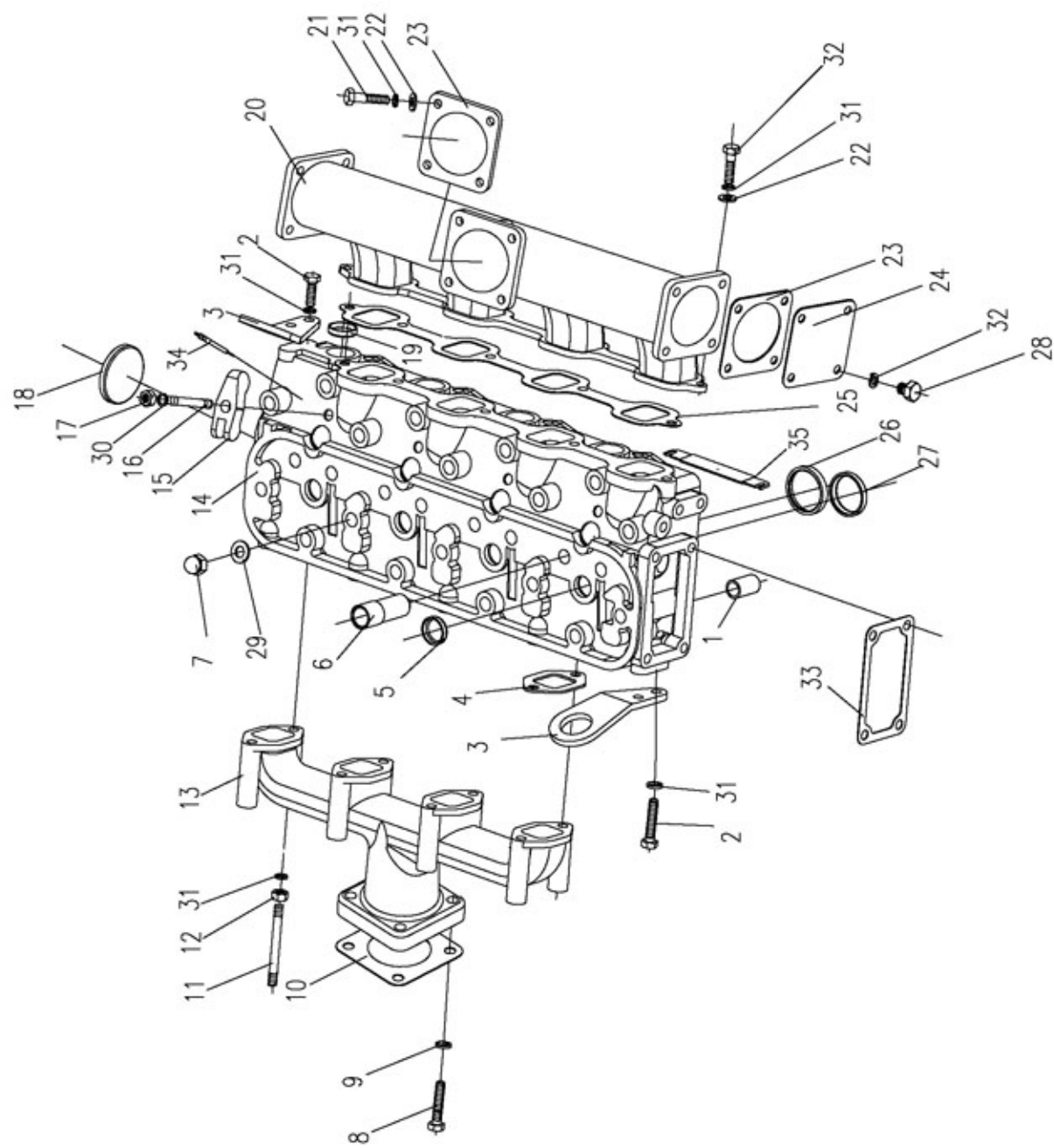


图2 气缸盖总成

Fig.2 Cylind Head Assembly

气缸盖总成（图 2）
Cylind Head Assembly (Fig.2)

序号 Ref. No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	套管 Sleeve	N85-02101A	4
2	螺栓 Bolt M8×20	GB/T5782-2000	4
3	吊耳 Lifting eye	N85-02004	2
4	排气管垫片 Exhaust manifo	4L68-020006	4
5	碗形塞 Expansion plug φ26	N85-02109	4
6	气门导管 Intake manifold	N85-02105	4
7	盖形螺母 Nut M8	GB/T923-88	5
8	螺栓 Bolt M10×30	GB/T5783-2000	4
9	垫圈 Washer 10	GB/T93-87	6
10	垫片 Gasket	N85T-20001	1
11	螺柱 Stud M8×75	GB/T899-88	8
12	螺母 Nut M8	GB/T6170-2000	8
13	排气管 Exhaust manifold	N485T-10001	1
14	气缸盖 Cylinder head	4B26-021008	1
15	喷油器压板	4L68-020009	4
16	螺柱 Bolt M10×50	GB/T899-88	4
17	螺母 Nut M10	GB/T6170-2000	4
18	碗形塞 Expansion plug φ55	N85-02104	1
19	碗形塞 Expansion plug φ20	N85-02102	4
20	进气管 Intake manifold	N485T-09001	1
21	螺栓 Bolt M8×20	GB/T5783-2000	4
22	垫圈 Washer8	GB/T97. 1-2002	4
23	垫片 Gasket	N485-09006	3
24	盖板 Cover	N485-09005	2
25	进气管垫片 Intake manifold gasket	ZN490QA-02005	1
26	进气门座 Intake vlvae seat	4L68-021007	4
27	排气门座 Exhaust valve seat	4L68-021006	4
28	螺栓 Bolt M8×16	GB/T5783-2000	8
29	组合垫圈 Washer 8	QJ/MD05. 01	5
30	螺柱 Bolt M10×50	GB/T899-88	8
31	垫圈 Washer 8	GB/T859-87	29
32	螺栓 Bolt M8×28	GB/T5782-2000	5
33	节温器壳垫片 Thermostat shell gasket	N85Q-17004	1
34	电热塞 Heater plug	4B26-023000A	4
35	电热塞接线板 Heater plug patch board	4B26-020010	1

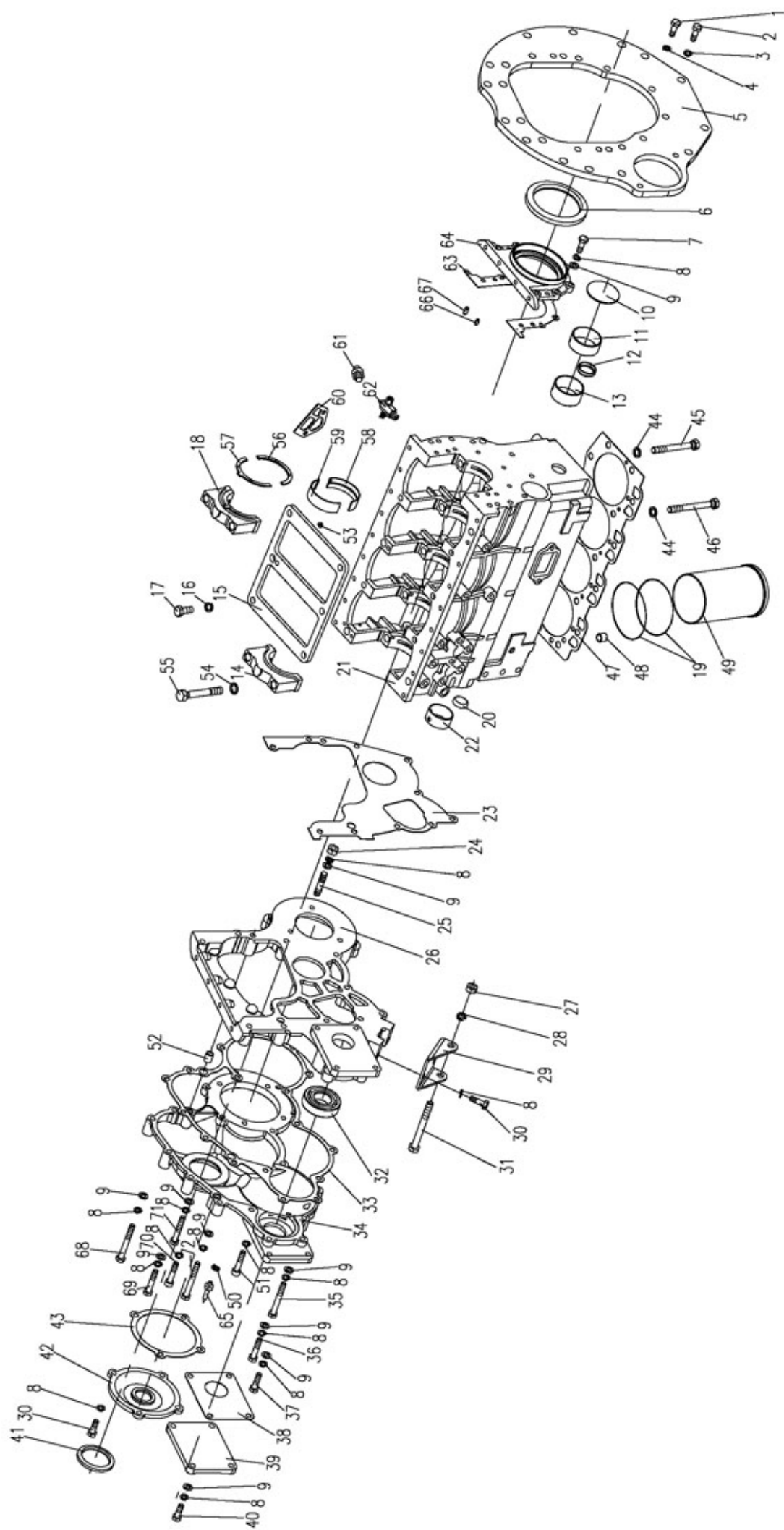


图3 机体、齿轮室总成

Fig.3 Cylinder Block and Gear Case Assembly

机体、齿轮室总成（图3）

Cylinder Block and Gear Case Assembly(Fig. 3)

序号 Ref. No.	名 称 Name of Part	零、部件号 Part No.	数量 Quantity
1	螺栓 Bolt M10×35	GB/T5782-2000	10
2	螺栓 Bolt M12×40	GB/T5782-2000	4
3	垫圈 Washer 12	GB/T859-87	2
4	垫圈 Washer 10	GB/T859-87	12
5	飞轮壳 Flywheel housing	ZN485T-03012	1
6	油封 Oil seal DL85×110×12	HG4-692-67	1
7	螺栓 Bolt M8×25	GB/T5783-2000	7
8	垫圈 Washer 8	GB/T859-87	46
9	垫圈 Washer 8	GB/T848-85	42
10	塞片 Expansion plug	N85-03108	1
11	凸轮轴后衬套 Camshaft rear bushing	N85-03109	1
12	碗形塞 Expansion plug φ30	N85-03102	4
13	凸轮轴中间衬套 Camshaft middle bushing	N85-03112	1
14	主轴承盖 Main shaft cover	ZN490QA-03104	4
15	加强板 Reinforce plate	4L40-03022	1
16	垫圈 Washer 12	GB/T93-87	5
17	螺栓 Bolt M12×25	GB/T5782-2000	5
18	后主轴承盖 Rear main shaft cover	ZN490QA-03107	1
19	封水圈 Water seal ring	N90-03002	8
20	堵塞 Blocking plug φ14	N85-03111	4
21	机体 Cylinder block	4L40-03101	1
22	凸轮轴衬套 Camshaft bushing	N85-03103	1
23	齿轮室垫片 Gear case gasket	N85-12001	1
24	螺母 Nut M8	GB/T6170-86	3
25	螺栓 Bolt M8×35	GB/T899-88	3
26	齿轮室 Gear case	ZN485T-12002	1
27	螺母 Nut M10	GB/T6170-86	1
28	垫圈 Washer 10	GB/T93-87	1
29	发电机支架 Generator bracket	N85T-12007	1
30	螺栓 Bolt M8×20	GB/T5782-2000	6
31	螺栓 Bolt M10×90	GB/T5782-2000	1
32	轴承 Bearing 107	GB/T276-82	2
33	齿轮室盖垫片 Gear case cover gasket	N85-12003 (A)	1
34	齿轮室盖 Gear case cover	ZN485T-12004	1
35	螺栓 Bolt M8×65	GB/T5782-2000	3
36	螺栓 Bolt M8×40	GB/T5782-2000	1
37	螺栓 Bolt M8×30	GB/T5782-2000	2
38	液压泵盖垫片 Hydraulic pump cover gasket	N85T-12010	2
39	液压泵盖 Hydraulic pump cover	N85T-12009	2
40	螺栓 Bolt M8×25	GB/T5782-2000	11

41	油封 Oil seal DR52×72×12	HG4-692-67	1
42	齿轮室前盖 Gear case front cover	N485T-12005	1
43	齿轮室前盖垫片 Gear case front cover gasket	N485T-12006	1
44	气缸盖螺栓垫圈 Cylinder head bolt washer	N85-03014	14
45	气缸盖短螺栓 Cylinder head shot bolt	N85-03016	4
46	气缸盖长螺栓 Cylinder head long bolt	N85-03015	14
47	气缸盖垫片 Cylinder head gasket	4B26-030013	1
48	气缸盖定位套 Cylinder head locating sleeve	N85-03017	2
49	气缸套 Cylinder liner	N90-03003	4
50	垫圈 Washer 6	GB/T859-87	1
51	内六角圆柱头螺钉 Inner hexagon cylindrical bolt M8×20	GB/T70.1-2000	3
52	齿轮室定位套 Gear case locating sleeve	N85-03001	3
53	定位销 Dowel pin	N85T-03110	2
54	主轴承盖螺栓垫圈 Main shaft cover bolt washer	N85-03105	10
55	主轴承盖螺栓 Main shaft cover bolt	N90-03106	10
56	曲轴止推片(下)Crankshaft thrust plate (lower)	N85-03007	2
57	曲轴止推片(上) Crankshaft thrust plate (upper)	N85-03009	2
58	主轴瓦(下) Main bearing shell (lower)	N85-03006	4
59	主轴瓦(上) Main bearing shell (upper)	N85-03008	4
60	机油滤清器垫片 Lubricating oil filter gasket	N85-03020	1
61	机油压力传感器 Oil pressure sensor	N85-03004	1
62	放水阀部件 Water draining cock	ZN390TE-03200	1
63	后油封盖垫片 Rear oil seal cover gasket	N85-03005	1
64	后油封盖 Rear oil seal cover	N85-03010	1
65	上止点指针 T.D.C. pointer	N85T-12008	1
66	销 pin B8×16	GB/T119-2000	2
67	销 pin B10×22	GB/T119-2000	2
68	螺栓 Bolt M8×60	GB/T5782-2000	1
69	螺栓 Bolt M8×45	GB/T5782-2000	3
70	内六角圆柱头螺钉 Inner hexagon cylindrical bolt M8×55	GB/T70.1-2000	1
71	螺栓 Bolt M8×50	GB/T5782-2000	2
72	螺栓 Bolt M8×75	GB/T5782-2000	1

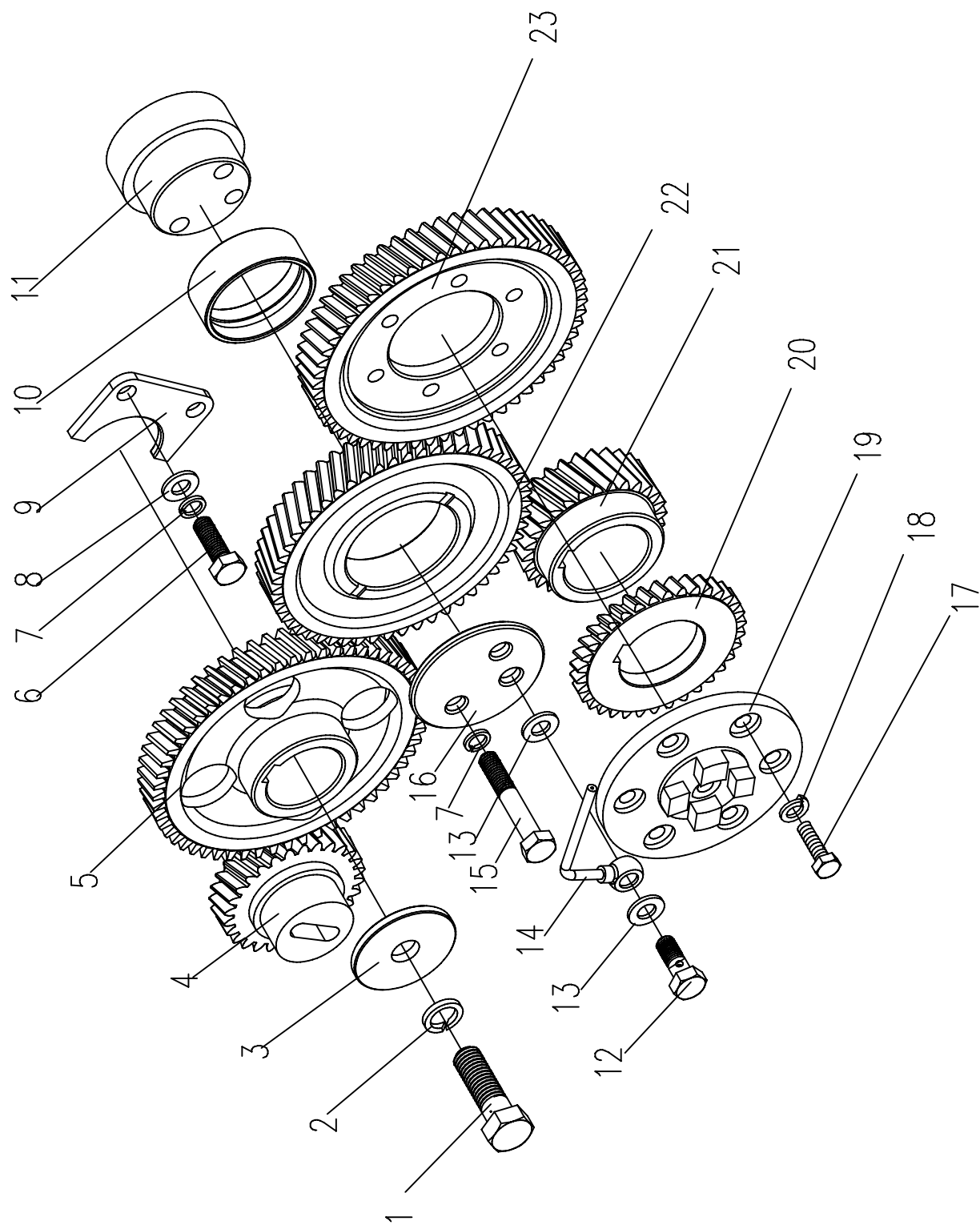


图4 正时齿轮系总成

Fig.4 Timing gear train

正时齿轮系总成（图 4）
Timing Gear Train (Fig. 4)

序号 Ref. No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	螺栓 Bolt M12×30	GB/T5782-2000	1
2	垫圈 Washer 12	GB/T859-87	1
3	凸轮轴正时齿轮压板 Camshaft timing gear retainer	N85-04009	1
4	液压泵齿轮 Hydraulic pump gear	N85T-04011A	1
5	凸轮轴正时齿轮 Camshaft timing gear	4L68-040007	1
6	螺栓 Bolt M8×16	GB/T5782-2000	2
7	垫圈 Washer 8	GB/T859-87	4
8	垫圈 Washer 8	GB/T97.1-2002	2
9	凸轮轴压板 Camshaft retainer	N85-04008	1
10	正时惰齿轮衬套 Timing idle gear bushing	N85-04002	1
11	正时惰齿轮轴 Timing idle gear shaft	N85T-04004	1
12	空心螺栓 Hollow bolt	N85T-04012	1
13	垫圈 Washer	195-09001-1	2
14	吸油管部件 Oil pipe	N485T-04100	1
15	螺栓 Bolt M8×50	GB/T5782-2000	2
16	正时惰齿轮压板 Timing idle gear retainer	N85T-04003	1
17	螺栓 Bolt M6×25	GB/T5783-2000	5
18	垫圈 Washer 6	GB/T859-87	6
19	联接盘 Adapter	N485T-32001 (D)	1
20	机油泵主动齿轮 Lubricating oil pump driving gear	4L88-040010	1
21	曲轴正时齿轮 Crankshaft timing gear	4L68-040006	1
22	正时惰齿轮 Timing idle gear	4L68-040005	1
23	燃油泵正时齿轮 Injection pump timing gear	N485T-04001 (A)	1

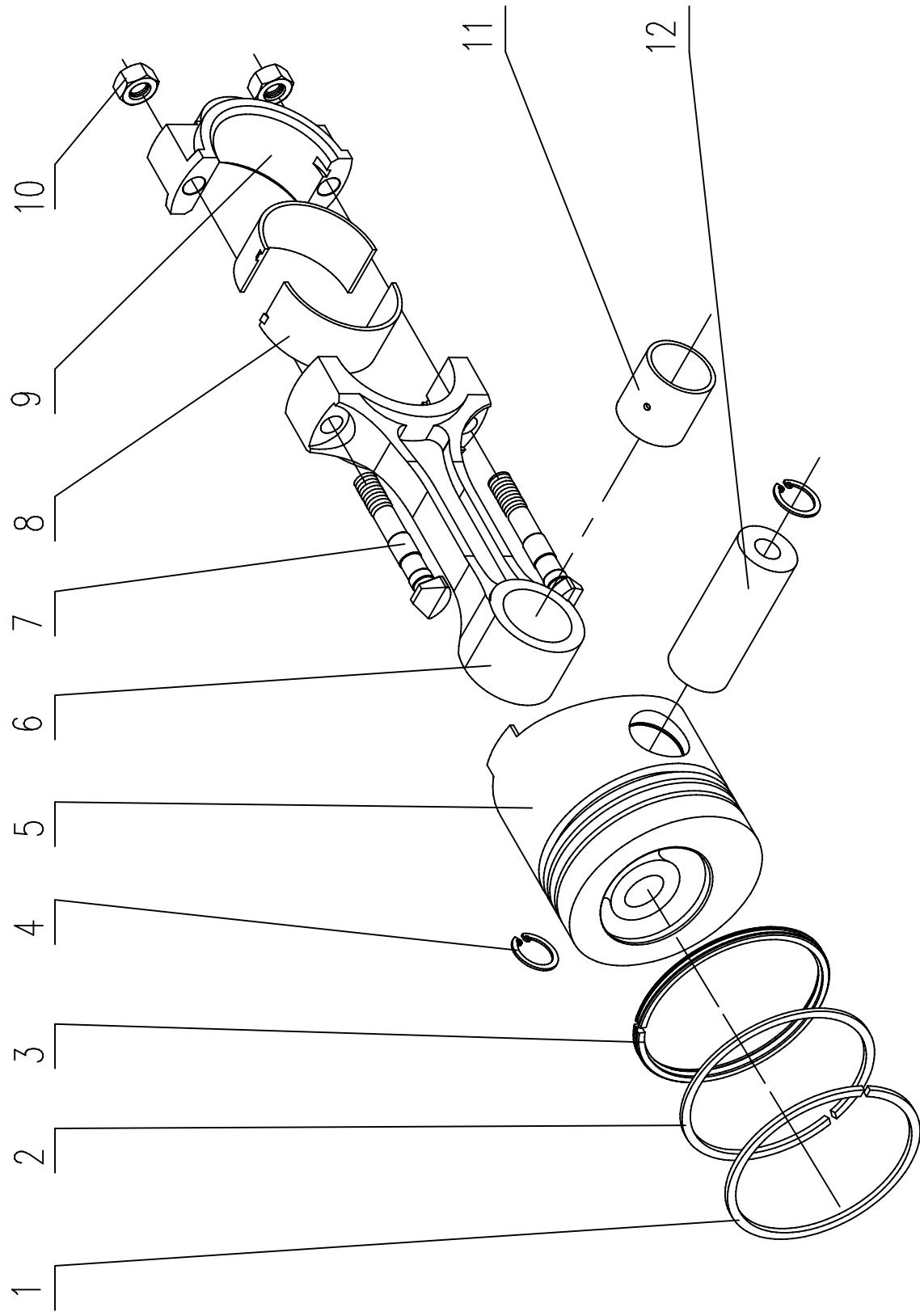


图5 活塞、连杆总成

Fig.5 Piston and Connecting Rod Assembly

活塞、连杆总成（图 5）
Piston and Connecting Rod Assembly (Fig.5)

序号 Ref. No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	第一道活塞环 1st piston ring	4B26-050002	4
2	第二道活塞 2nd piston ring	4B26-050003	4
3	油环部件 Oil ring	4B26-051000	4
4	孔用挡圈 Circlip 28	GB/T893.2-86	8
5	活塞 Piston	4B26-050001	4
6	连杆 Connecting rod	N85-05201	4
7	连杆螺栓 Connecting rod bolt	N85-05203	8
8	连杆轴瓦 Connecting rod bearing shell	4L68-050005	8
9	连杆盖 Connecting rod cap	N85-05204	4
10	连杆螺母 Connecting rod nut	N85-05205	8
11	连杆衬套 Connecting rod bushing	N85-05202	4
12	活塞销 Piston pin	N85-05004	4

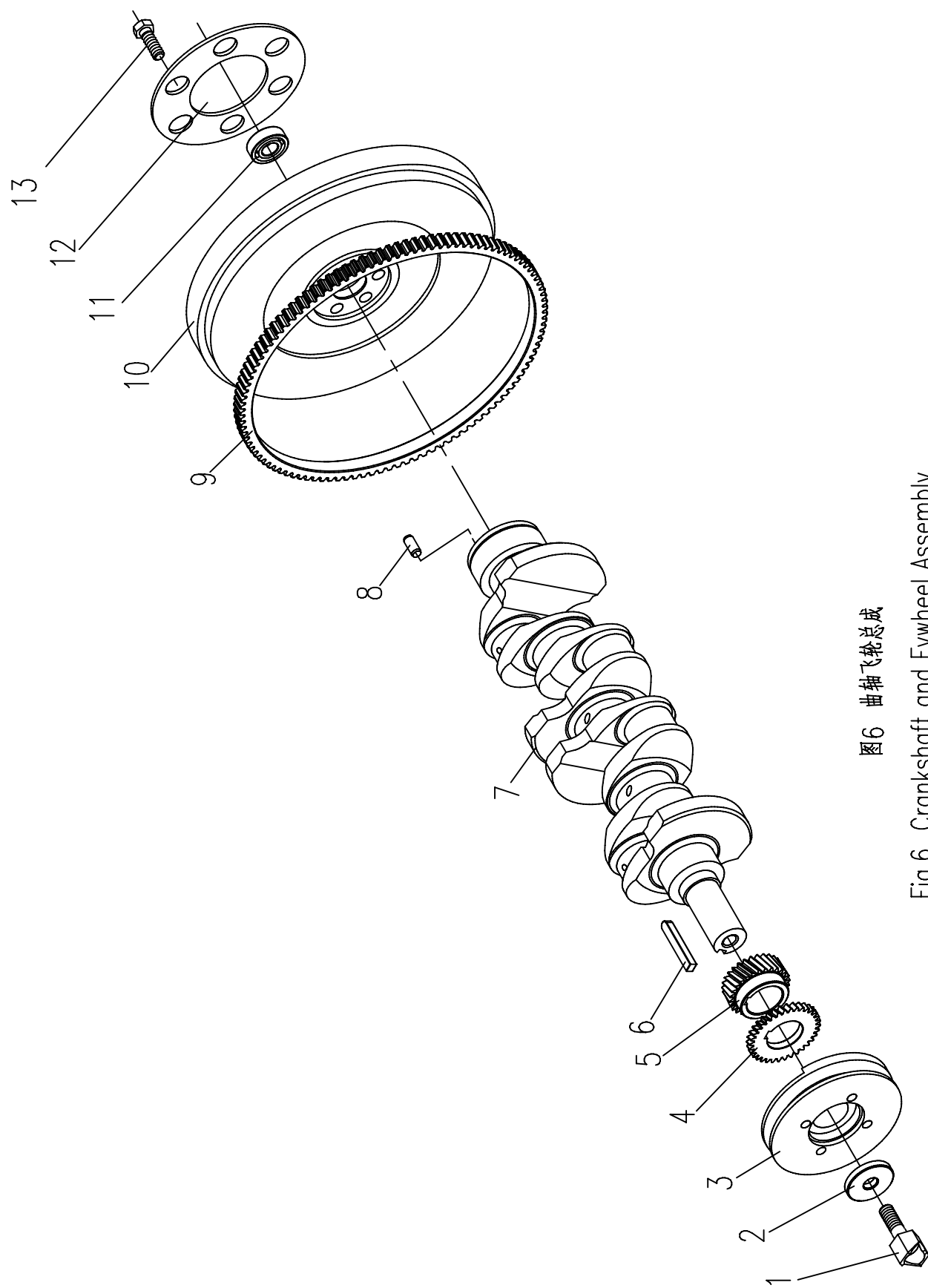


图6 曲轴飞轮总成

Fig.6 Crankshaft and Flywheel Assembly

曲轴飞轮总成（图 6）
Crankshaft and Flywheel Assembly (Fig.6)

序号 Ref.No.	名 称 Name of part	零、部件号 Part No.	数量 Quantity
1	曲轴皮带轮螺栓 Crankshaft pulley bolt	N85Q-06007	1
2	起动爪垫圈 Starting jaw washer	N85-06002	1
3	曲轴皮带轮 Crankshaft pulley	ZN485T-06001	1
4	机油泵主动齿轮 Lubricating oil pump driving gear	N485-04010 (A)	1
5	曲轴正时齿轮 Crankshaft timing gear	4L68-040006	1
6	键 Key C10x63	GB/T1096-2003	1
7	曲轴 Crankshaft	ZN490B-06004-1	1
8	销 Cylindrical pin B10x25h8	GB/T119.1-2000	1
9	飞轮齿圈 Flywheel ring gear	N85-06102	1
10	飞轮 Flywheel	ZN485T-06101	1
11	轴承 Bearing 6004	GB/T276-94	1
12	飞轮螺栓垫片 Flywheel bolt washer	N85-06005 (A)	1
13	飞轮螺栓 Flywheel bolt	N85-06006	6

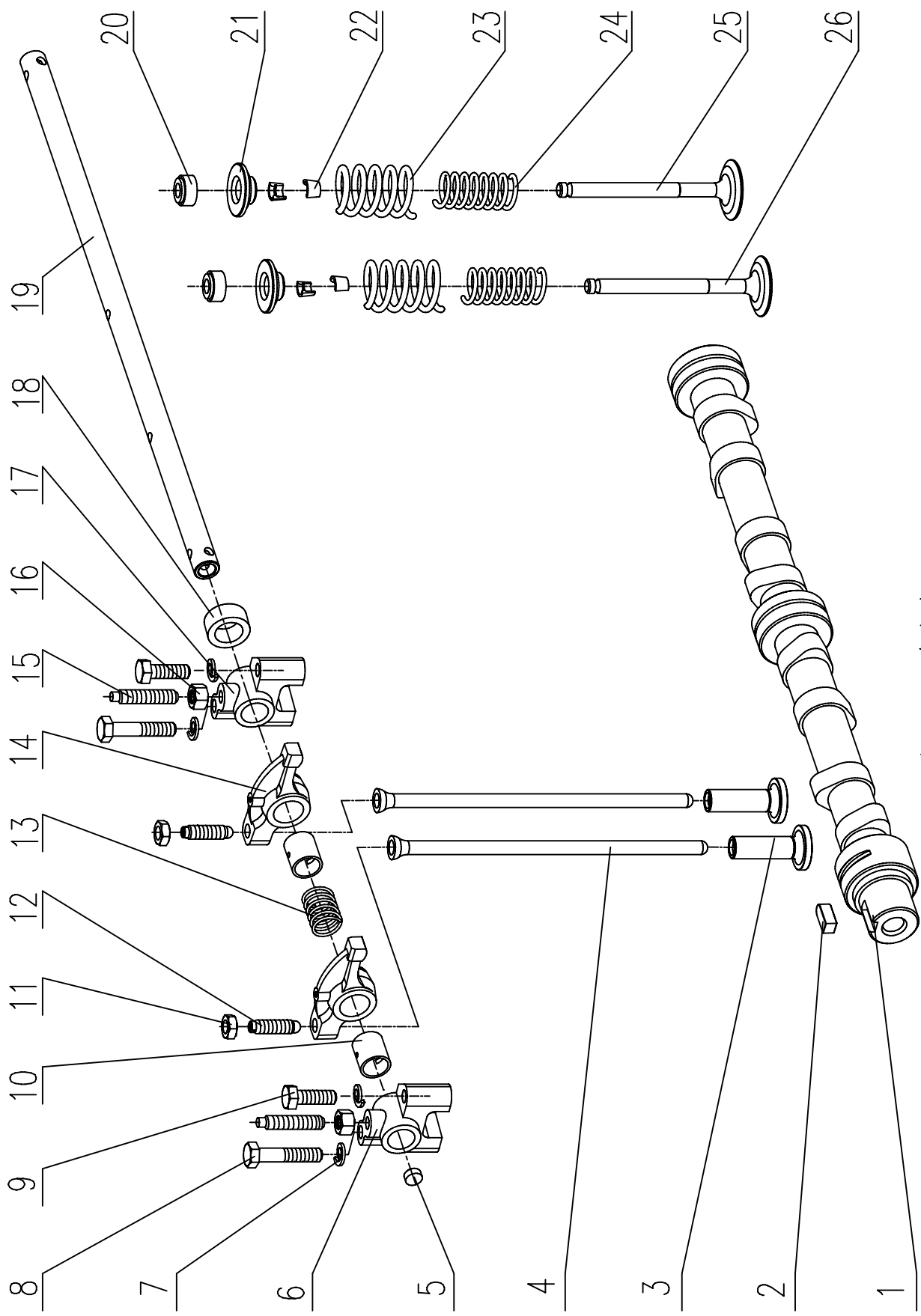


图7 配气机构

Fig.7 Valve Timing Mechanism

配气机构（图 7）
Valve Timing Mechanism(Fig. 7)

序号 Ref.No.	名 称 Name of parts	零、部件号 Part No.	数量 Quantity
1	凸轮轴 Camshaft	N485-07001	1
2	平键 Falt key C10×25	GB/T1096-2003	1
3	气门挺柱 Valve tappet	N485-07003	8
4	气门推杆 Valve push rod	N485-07002	8
5	堵塞 Blocking plug	N85-02208	2
6	前摇臂座 Front rocker arm support	N85-022001	1
7	垫圈 Washer 8	GB/T859-87	10
8	螺栓 Bolt M8×60	GB/T5782-2000	5
9	螺栓 Bolt M8×45	GB/T5782-2000	5
10	气门摇臂衬套 Valve rocker arm bushing	N85-02212	8
11	气门间隙调整螺母 Valve clearance adjusting nut	N85-02203	8
12	气门间隙调整螺钉 Valve clearance adjusting screw	N85-02202	8
13	气门摇臂弹簧 Valve rocker arm spring	N85-02205	4
14	气门摇臂 Valve rocker arm	N85-02211	8
15	螺钉 Screw M8×45	GB/T79-2000	5
16	螺母 Nut M8	GB/T6170-2000	5
17	摇臂座 Rocker arm support	N85-022004	4
18	轴套 Rocker arm shaft bushing	N85-02206	3
19	摇臂轴 Rocker arm shaft	N485-02207	1
20	气门杆密封圈 Valve rod seal ring	GB/T308-77	8
21	气门弹簧上座 Valve spring seat (upper)	N85-02001-1	8
22	气门锁夹 Valve collet	N85-02002	16
23	气门外弹簧 Valve outer spring	N85-02003-1	8
24	气门内弹簧 Valve inner spring	N85-02003-2	8
25	排气门 Exhaust valve	4B26-020007	4
26	进气门 Intake valve	4B26-020008	4

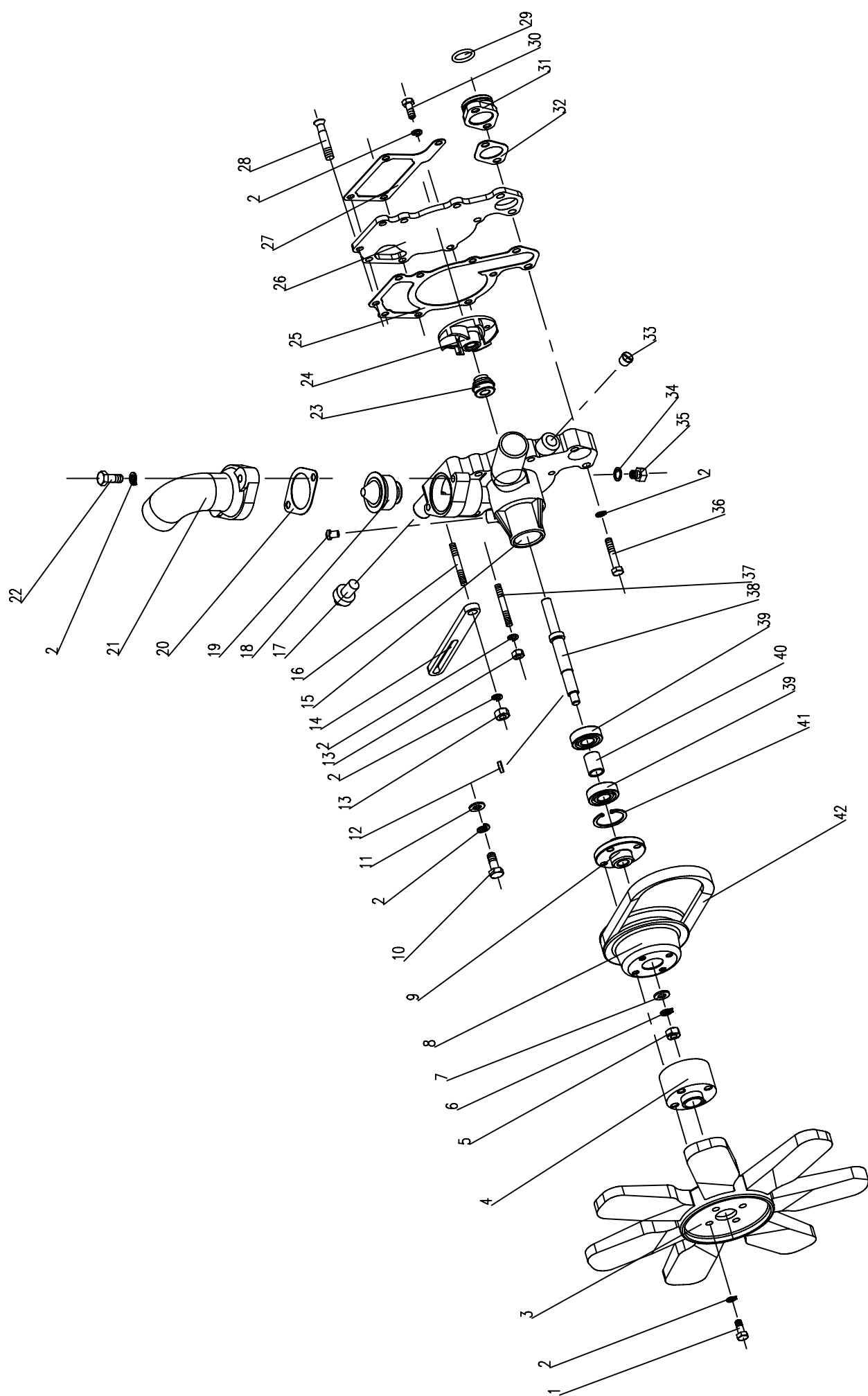


图8 水泵风扇总成

Fig.8 Water Pump and Fan Assembly

水泵、风扇总成(图 8)

Water Pump and Fan Assembly(Fig. 8)

序号 Ref. No.	名称 Name of parts	零、部件号 Pare No.	数量 Quantity
1	螺栓 Bolt M8×60	GB/T5783-2000	4
2	垫圈 Washer 8	GB/T859-87	15
3	冷却风扇 Cooling fan	N485-08001	1
4	风扇垫块 Fan pad	N390T-08019	1
5	螺母 Nut M10	GB/T6170-2000	1
6	垫圈 Washer 10	GB/T859-87	1
7	垫圈 Washer 10	GB/T97. 1-2002	1
8	水泵皮带轮 Water pump pulley	N85Q-08011(1)	1
9	水泵皮带轮壳 Water pump pulley housing	N485T-08012	1
10	螺栓 Bolt M8×25	GB/T5783-2000	1
11	垫圈 Washer 8	GB/T97. 1-2002	1
12	键 Key 4×36	GB/T1099. 1-2003	1
13	螺母 Nut M8	GB/T6170-2000	4
14	撑杆 Bracing	N85T-08018	1
15	水泵壳体 Water pump housing	N85T-08004	1
16	螺柱 Stud M8×50	GB/T898-88	1
17	水温传感器 Water temperature sensor model 306	N485Q-17008	1
18	节温器 Thermostat (Model 155B)	N85Q-17003	1
19	油杯 Oil cup M8×1	GB/T1152-79	1
20	节温器壳垫片 Thermostat housing gasket	N85T-08008	1
21	节温器壳 Thermostat housing	N85T-08007	1
22	螺栓 Bolt M8×30	GB/T5783-2000	2
23	水封 Water seal ring IF-12	N85T-08003	1
24	水泵叶轮 Water pump impeller	N85T-08005	1
25	水泵垫片 Water pump gasket	N85T-08009	1
26	水泵连接板 Water pump adapter	N85T-08010	1
27	水泵连接板垫片 Water pump adapter gasket	N85T-08017	1
28	螺钉 Screw M8×16	GB/T68-2000	2
29	O 型密封圈 Seal ring 34.5×3.55	GB/T3452. 1-2005	1
30	螺栓 Bolt M8×20	GB/T5783-2000	2
31	出水接头 Water drain connector	N85T-08013	1
32	出水接头垫片 Water drain connector gasket	N85T-08014	1
33	螺塞 Plug	N85T-08016	1
34	垫圈 Washer 12	GB/T3541-83	1
35	放水螺栓 Water drain screw	N85T-08015	1
36	螺栓 Bolt M8×45	GB/T5780-2000	2
37	螺柱 Stud M8×45	GB/T898-88	3
38	水泵轴 Water pump shaft	N85T-08006	1
39	滚动轴承 Ball bearing 602020	GB/T276-94	2
40	轴承隔套 Bearing spacing sleeve	N85T-08002	1
41	挡圈 Circlip 35	GB/T893. 2-86	1
42	风扇皮带 Fan belt AV15×1060	HG4-401-66	1

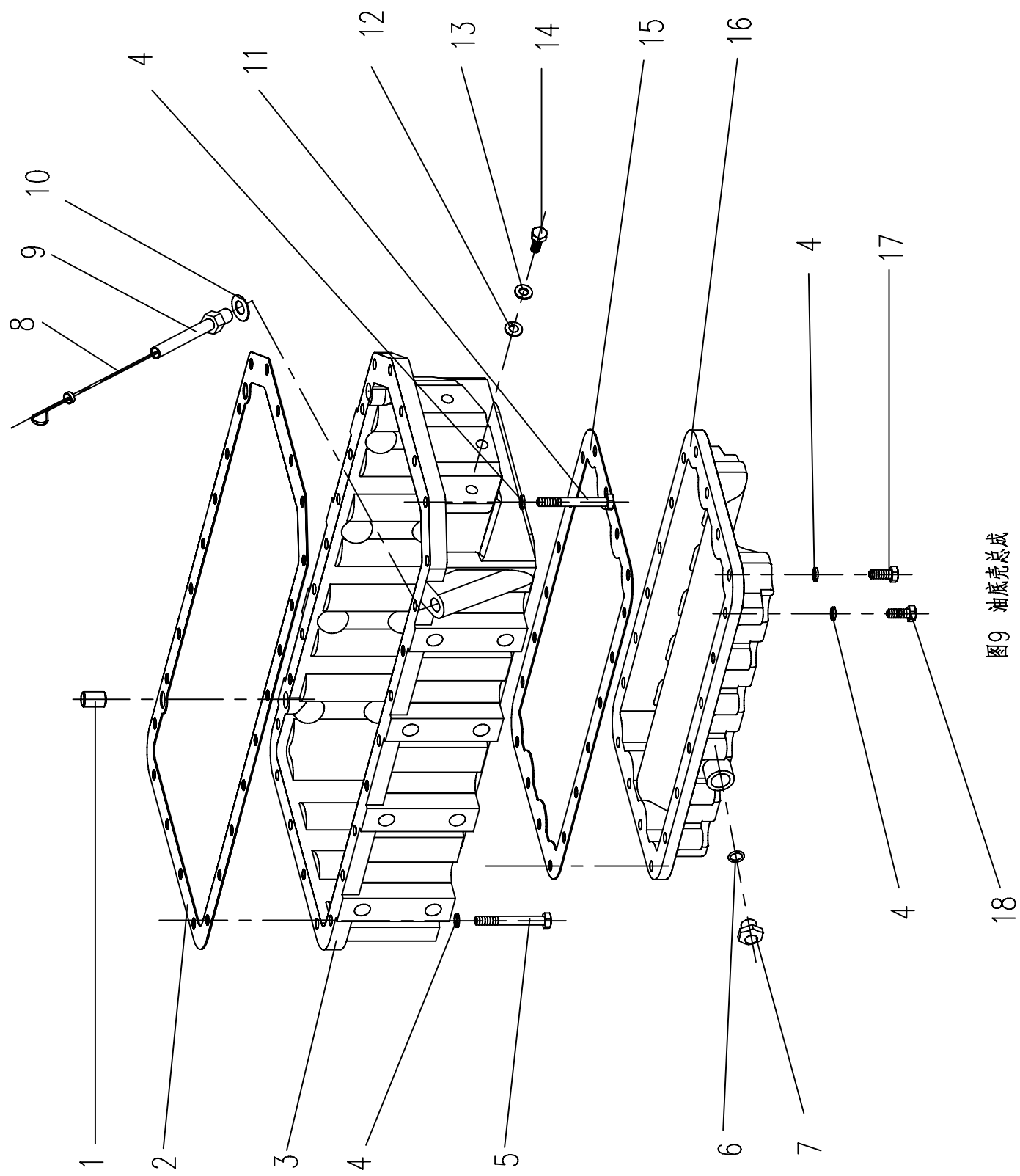


图9 油底壳总成

Fig.9 Oil Sump Assembly

油底壳总成(图 9)

Oil Sump Assembly (Fig.9)

序号 Ref. No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	定位销 Dowel pin	N485T-03110	2
2	油底壳垫片 Oil sump gasket	ZN485T-11001	1
3	油底壳 Oil sump	ZN485T-11004	1
4	垫圈 Washer 8	GB/T93-87	46
5	螺栓 Bolt M8×55	GB/T5782-2000	1
6	O 形密封圈 Seal ring 11.2×2.65	GB/T3452.1-2005	2
7	闷头 Plug	195-01026	2
8	机油尺 Oil dipstick	ZN485T-11007	1
9	机油尺管焊接件 Oil dipstick pipe body	CZ475Q-032200	1
10	组合垫圈 fit together Washer 12	QJ/MD05.01	1
11	螺栓 Bolt M8×30	GB/T5783-2000	25
12	垫圈 Washer 10	GB/T93-87	3
13	垫圈 Washer 10-100HV	GB/T95-2002	3
14	螺栓 Bolt M10×30	GB/T5783-2000	3
15	副油底壳垫片 Auxiliary oil sump gasket	ZN485T-11005	1
16	副油底壳 Auxiliary oil sump	ZN485T-11006	1
17	螺栓 Bolt M8×45	GB/T5783-2000	8
18	螺栓 Bolt M8×25	GB/T5783-2000	11

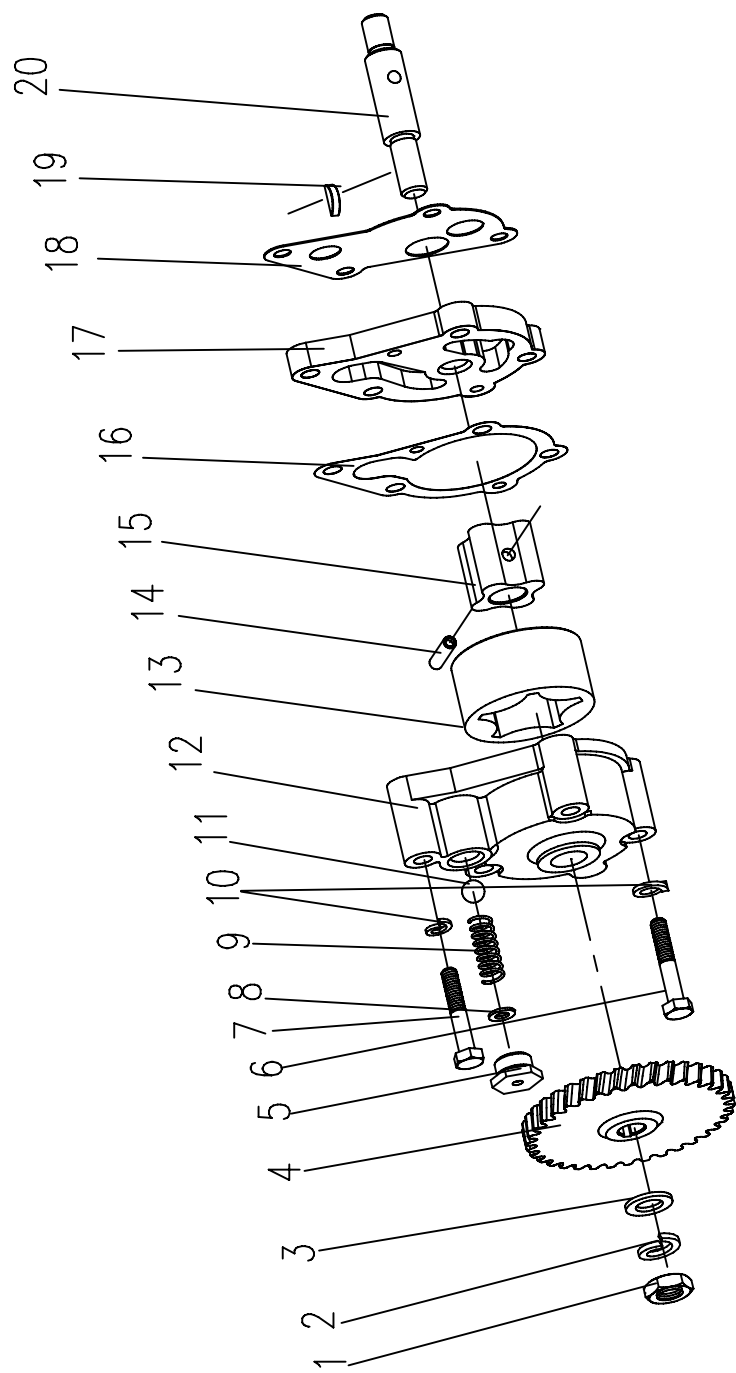


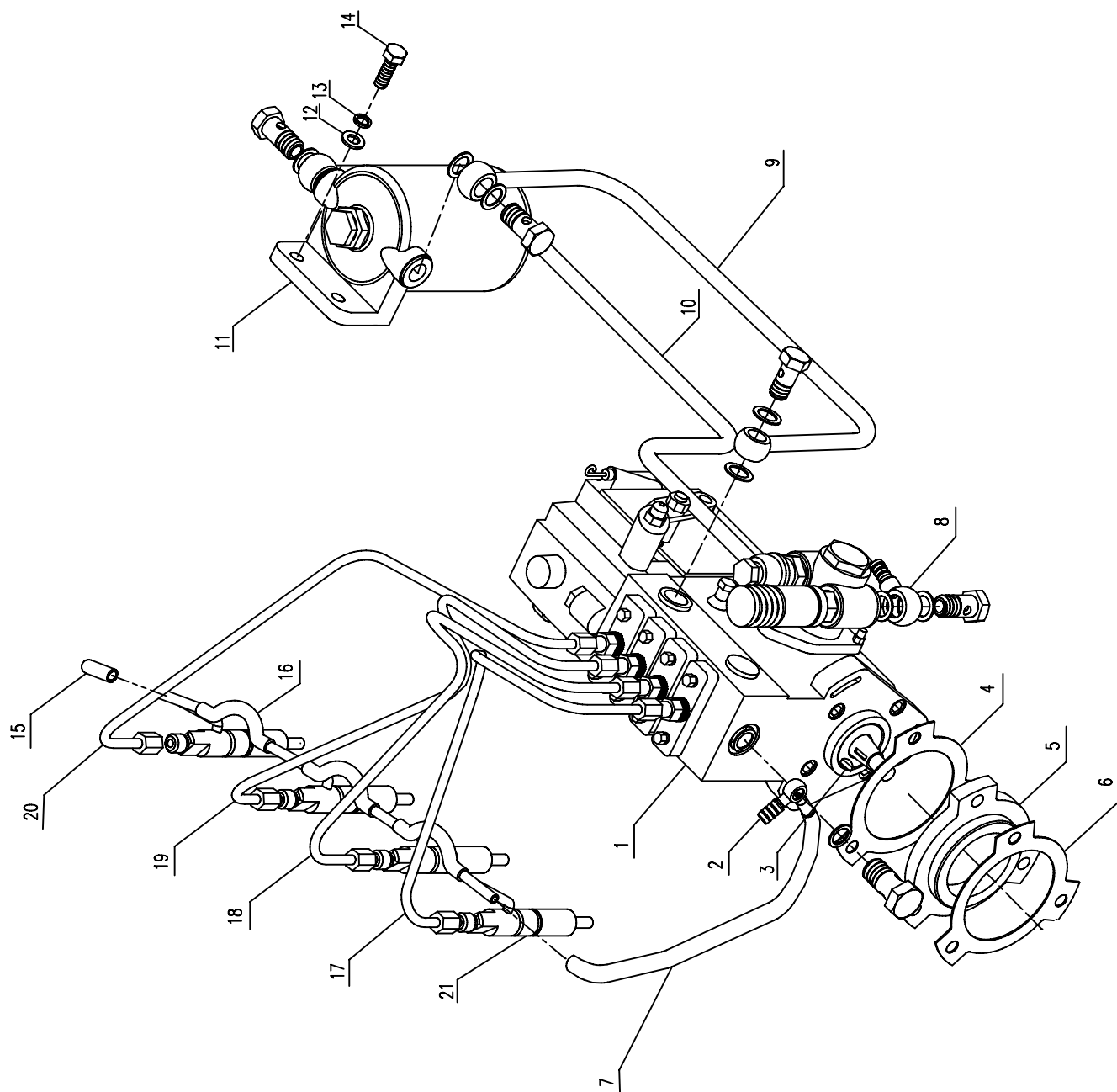
图10 机油泵总成

Fig.10 Lubricating Oil Pump Assembly

机油泵总成（图 10）

Lubricating Oil Pump Assembly(Fig.10)

序号 Ref.No.	名称 Name of part	零、部件号 Part No.	数量 Quantity
1	螺母 Nut M10×1	GB/T6173-2000	1
2	垫圈 Washer10	GB/T859-87	1
3	垫圈 Washer10	GB/T859-85	1
4	机油泵齿轮 Lubricating Oil pump gear	4L88-130007	1
5	限压阀塞 Pressure-limiting plug	N85-13006	1
6	螺栓 Bolt M6×50	GB/T5782-2000	3
7	螺栓 Bolt M6×55	GB/T5782-2000	1
8	垫圈 Washer 4	GB/T97. 1-2002	1
9	限压弹簧 Pressure-limiting spring	N85-13005	1
10	垫圈 Washer 6	GB/T859-87	1
11	钢球 Steel ball φ10	GB/T308-89	1
12	机油泵体 Oil pump body	N485-13001-A	1
13	外转子 Out rotor	N485-13004-A	1
14	圆柱销 Cylindrical pin	N85-13103-A	1
15	内转子 Inner rotor	N485-13102-A	1
16	机油泵调整垫片 Lubricating oil pump Adjusting shim δ 0.08	N85-13008-A	1
17	机油泵盖 Lubricating Oil pump cover	N485-13002-A	1
18	机油泵垫片 Lubricating Oil pump gasket δ 0.5	4188-130003	1
19	键 key 3×5×13	GB/T1099. 1-2003	1
20	机油泵轴 Lubricating Oil pump shaft	N485-13101-A	1



W13 2446244
Fig.13 Fuel System

燃油系统总成（图 11）

Fuel System (Fig. 11)

序号 Ref. No.	名 称 Name of parts	零、部件号 Part No.	数量 Quantity
1	喷油泵 Injection pump	4L40-18001	1
2	喷油器回油管接头部件 Injector fuel return pipe part	4L68-151000-1	1
3	半圆键 Woodruff 3×16	GB/T1099-79	1
4	喷油泵法兰垫片 Fuel pump flange gasket	N85-18002 (A)	1
5	喷油泵垫块 Inject pump end cover	N85-18003 (A)	1
6	喷油泵联接盘垫片 Injection pump end gasket	N85-18004	1
7	回油总管 Fuel return main pipe	4L68-150003	1
8	输油泵进油管接头部件 Fuel feed pump inlet pipe part	N85-15500 (A)	1
9	滤清器出油管部件 Fuel filter outlet pipe	N485-15300	1
10	输油泵出油管部件 Fuel feed pump outlet pipe	N485-15400	1
11	燃油滤清器总成 Fuel filter	N485-28000 (B)	1
12	垫圈 Washer 8	GB/T848-85	2
13	垫圈 Washer 8	GB/T859-87	2
14	螺栓 Bolt M8×25	GB/T5782-2000	2
15	喷油器回油套 Injector fuel return cover	4L68-150001-3	1
16	回油管 Fuel return pipe	4L68-150002	3
17	第一缸高压油管部件 1 st cylinder high pressure fuel pipe	4B26-141000	1
18	第二缸高压油管部件 2 nd cylinder high pressure fuel pipe	4B26-142000	1
19	第三缸高压油管部件 3 rd cylinder high pressure fuel pipe	4B26-143000	1
20	第四缸高压油管部件 4 th cylinder high pressure fuel pipe	4B26-144000	1
21	喷油器总成 Injector	4L40-25000	4

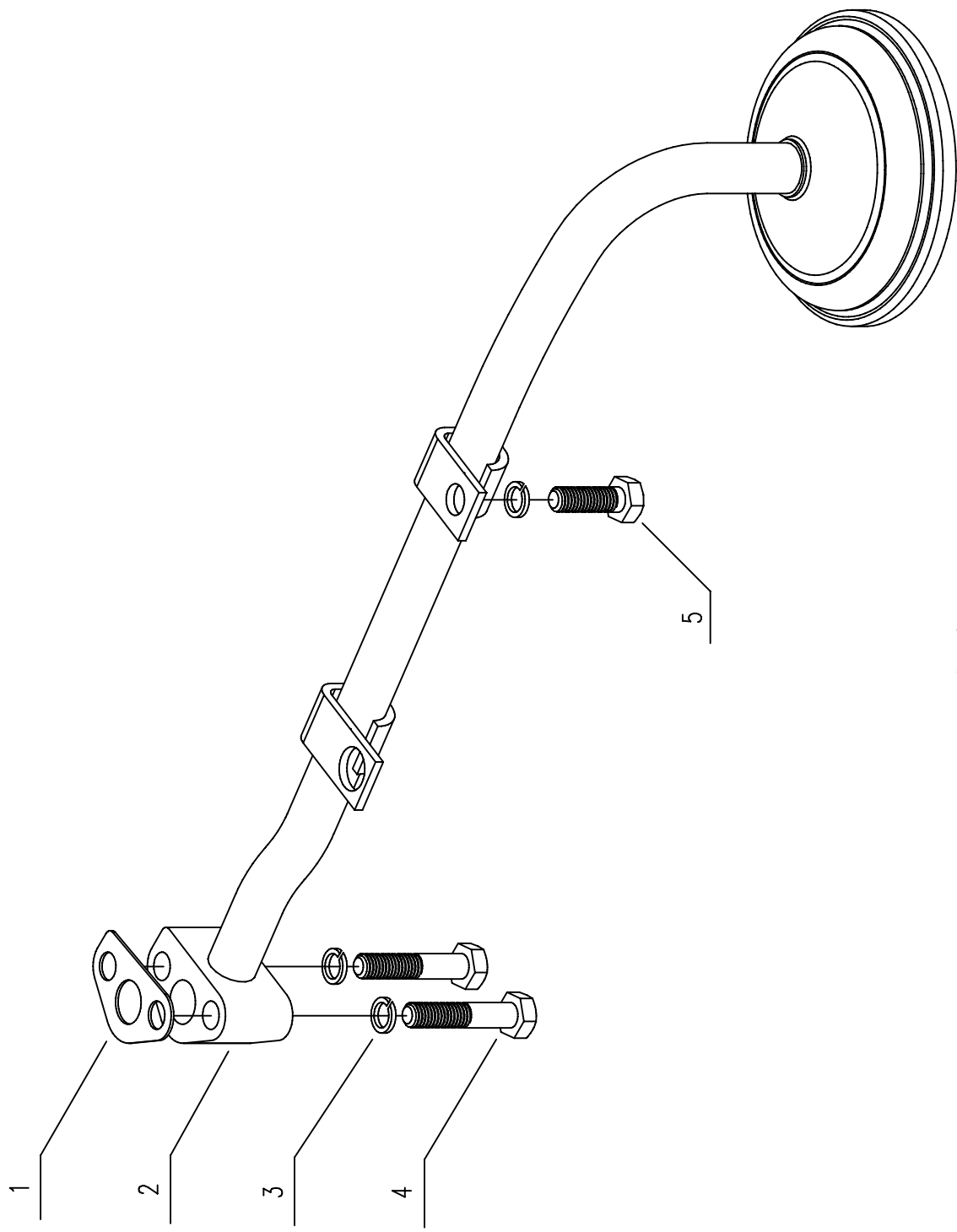


图12 机油集滤器总成
Fig.12 Oil Suction Strainer Assembly

机油集滤器总成（图 12）

Oil Suction Strainer Assembly (Fig.12)

序号 Ref. No.	名 称 Name of Part	零、部件号 Part No.	数量 Quantity
1	集滤器垫片 Suction strainer Gasket	4L88-160002	1
2	机油集滤器总成 Oil suction strainer	4L88-160000A	1
3	垫圈 Washer 8	GB/T859-87	3
4	螺栓 Bolt M8×40	GB/T5782-2000	2
5	螺栓 Bolt M8×25	GB/T5782-2000	1

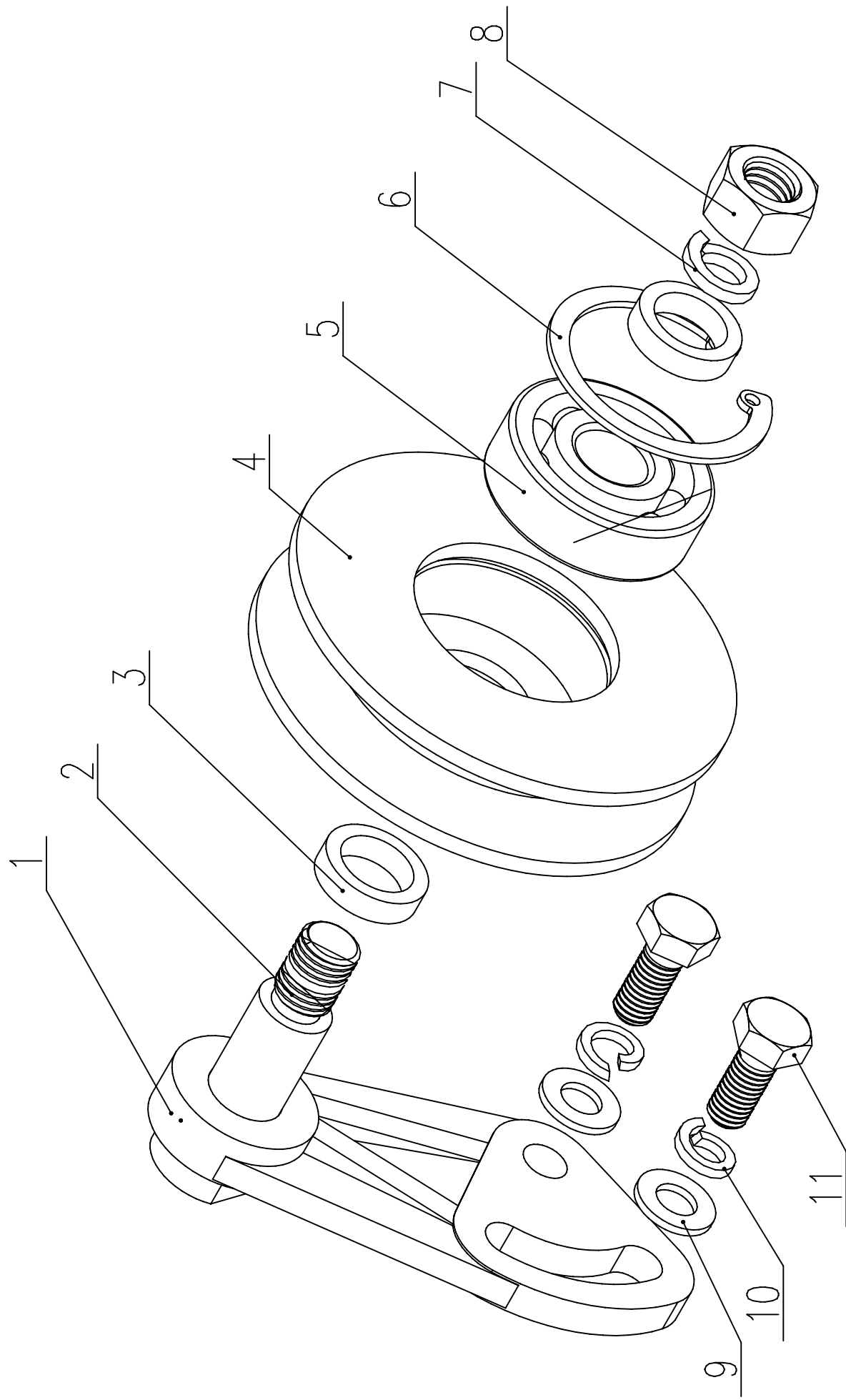


图15 张紧轮部件

Fig.15 Tension Pilley Assembly

张紧轮部件(图 13)

Tension pulley assembly (Fig.13)

序号 Ref.No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	张紧轮支架 Tension pulley bracket	N390T-21002	1
2	张紧轮轴 Tension pulley shaft	N390T-21004	1
3	套圈 Bush ring	N390T-21003	2
4	张紧轮 Tension pulley	N390T-21001	1
5	轴承 Bearing 6302E-2RS	GB/T276-94	1
6	挡圈 Thrust ring 42	GB/T893.1-86	1
7	垫圈 Washer 12	GB/T93-87	1
8	螺母 Nut M12	GB/T6170-2000	1
9	垫圈 Washer 8	GB/T97.1-85	2
10	垫圈 Washer 8	GB/T93-87	2
11	螺栓 Bolt M8×20	GB/T5783-2000	2

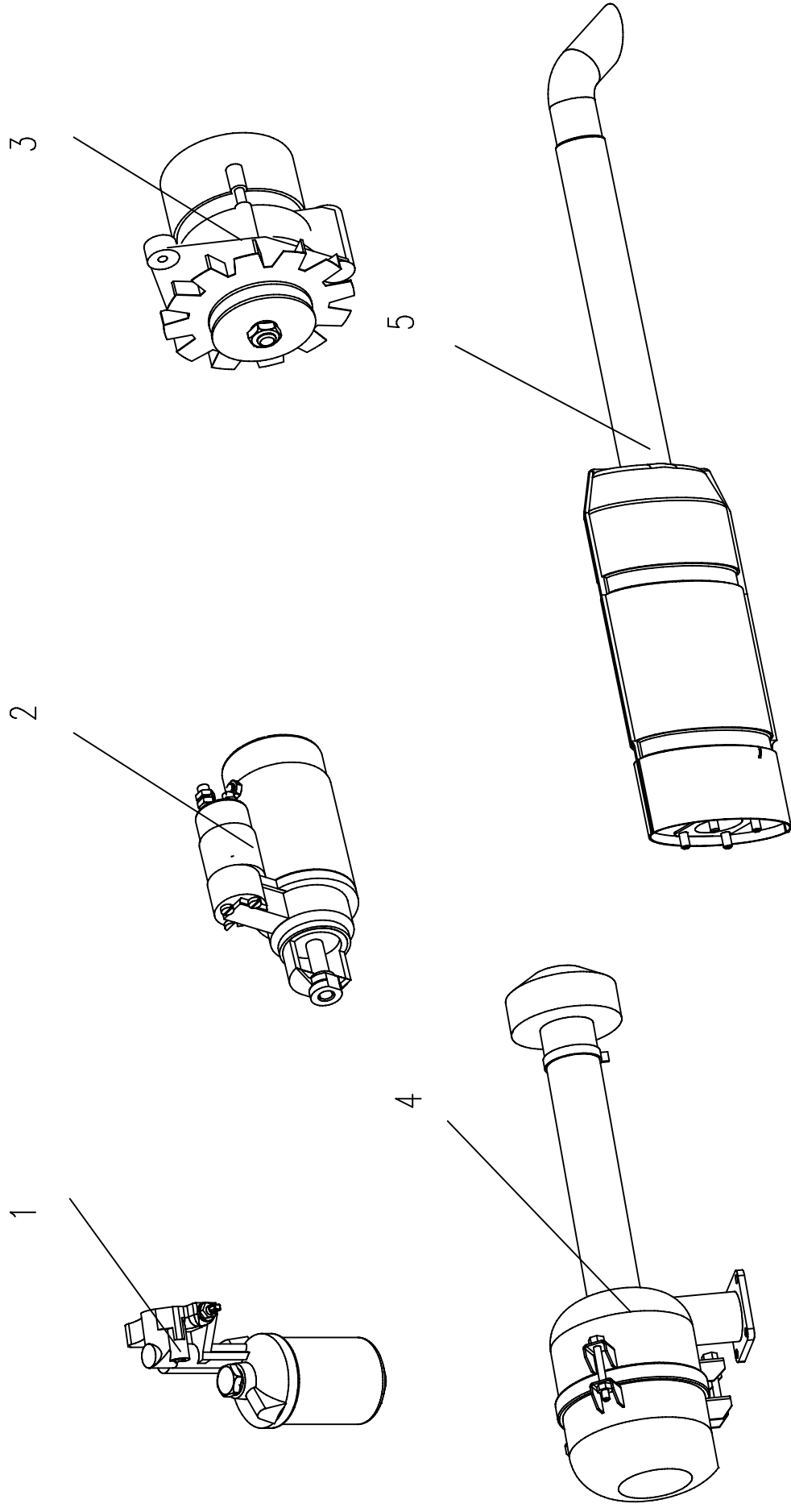


图14 机滤、空滤、发电机、起动机、消声器

Fig.14 Oil Filter/Air Filter/Generator/Starting Motor/Silencer

机滤、空滤、发电机、起动电机、消声器(图 14)

Oil Filter/Air Filter/Generator/Starting Motor/Silencer (Fig.14)

序号 Ref. No.	名称 Name of parts	零、部件号 Part No.	数量 Quantity
1	机油滤清器总成 Lubricating oil filter	N485Q-26000B	1
2	起动电机总成 Starting motor	N485Q-30000 (B)	1
3	充电发电机总成 Charging generator	N85Q-29000	1
4	空气滤清器总成 Air filter		1
5	消声器总成 Silencer		1