

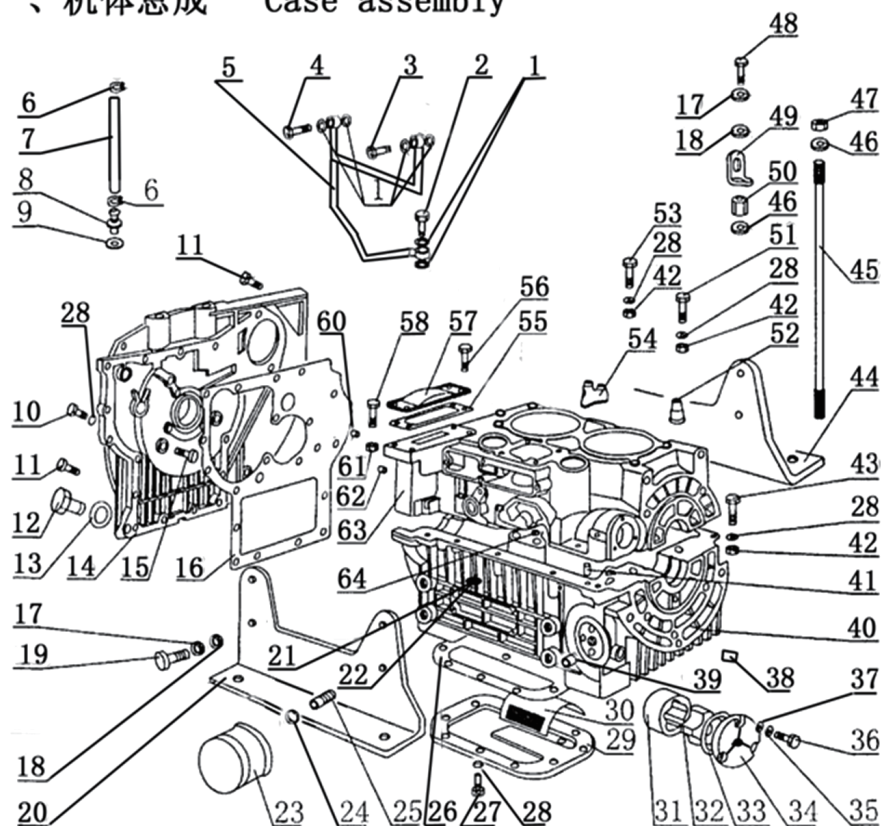
Exploded parts list

DIESEL ENGINE

D1000



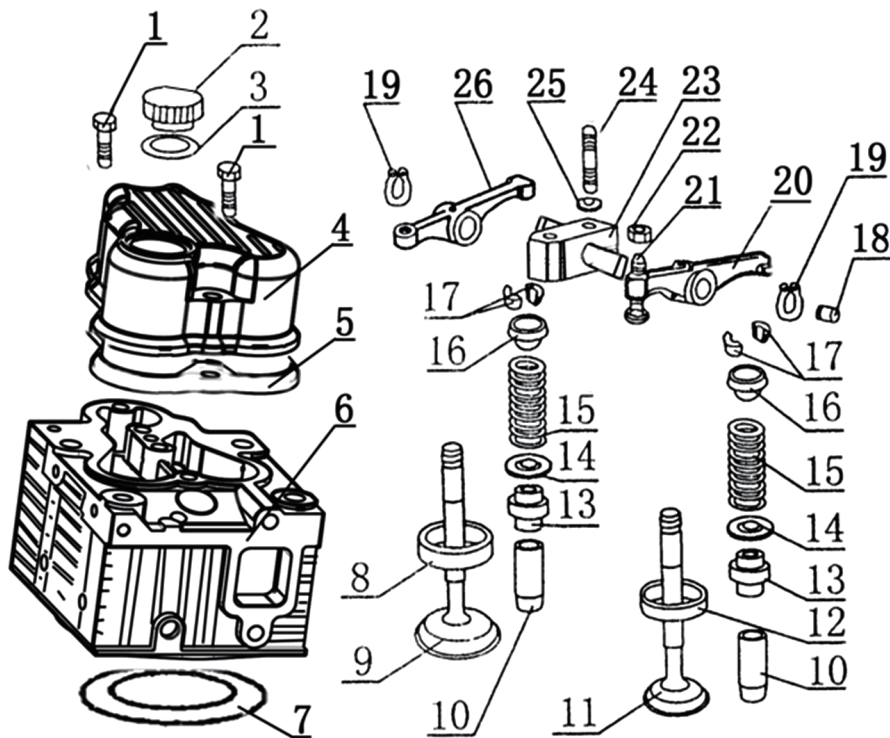
一、机体总成 Case assembly



POS	REF	DESCRIPTION	配件	QTY
1	D1000-A01	Copper Shim 8	铜垫圈8	7
2	D1000-A02	Fastening Bolt of oil pipe (short)	机油管螺栓 (短)	1
3	D1000-A03	Fastening Bolt of oil pipe (short)	机油管螺栓 (短)	1
4	D1000-A04	Fastening Bolt of oil pipe (long)	机油管螺栓 (长)	1
5	D1000-A05	Oil Pipe	机油管	1
6	D1000-A06	φ16 Collar	卡箍 φ 16	2
7	D1000-A07	Breather pipe	通气管	1
8	D1000-A08	Joint Of Breather Pipe	通气管接头	1
9	D1000-A09	Copper Shim 12	铜垫圈 12	1
10	D1000-A10	M6 X 25Hexagon Flange Bolts	六角法兰面螺栓M6×25	15
11	D1000-A11	M6X25 Bolt	螺栓M6×25	4
12	D1000-A12	Drain Plug	放油螺塞	1
13	D1000-A13	Combination Sealing Gasket 16	组合密封垫圈16	1
14	D1000-A14	Side Cover	侧盖	1
15	D1000-A15	M6X20 Sunk Screw	内六角花形沉头螺钉M6X20	3
16	D1000-A16	Gasket of Side Cover	侧盖垫片	1
17	D1000-A17	10 Washer	弹垫圈10	11
18	D1000-A18	10 Gasket	平垫圈10	11
19	D1000-A19	M10X25X1.5 Bolt	螺栓 M10X25X1.5	8
20	D1000-A20	Bottom Frame (Right)	底脚 (右)	1
21	D1000-A21	9 X 1.8 O Ring	O型圈9X1.8	1
22	D1000-A22	Oil Gauge	机油尺	1
23	D1000-A23	Oil Filter	机油滤清器	1
24	D1000-A24	13.2 X 2.65 O Ring	O 型密封圈13.2×2.65	1
25	D1000-A25	Stud of Oil Filter	机油滤滤柱	1
26	D1000-A26	Gasket of Bottom Cap	底盖垫片	1
27	D1000-A27	M6 X 20 Bolt	螺栓 M6X20	10
28	D1000-A28	6 Gasket	平垫圈6	36
29	D1000-A29	Bottom Cap	底盖	1
30	D1000-A30	Preliminary Screen	粗滤网	1
31	D1000-A31	Inner Rotor Of Oil Pump	机油泵内转子	1
32	D1000-A32	Outer Rotor Of Oil Pump	机油泵外转子	1
33	D1000-A33	40 X 1.8 O Ring	O型密封圈40X1.8	1
34	D1000-A34	Cap of Oil pump	机油泵盖	1
35	D1000-A35	5 Washer	弹垫圈5	3
36	D1000-A36	M5 X 16 Bolt	螺栓 M5X16	3
37	D1000-A37	5 Gasket	平垫圈5	3
38	D1000-A38	Big Blukhead	大闷头	4
39	D1000-A39	Pressure-limit Valve	限压阀部件	1
40	D1000-A40	Lower Case	下机体	1
41	D1000-A41	Taper Pin 8X35	圆锥销8X35	2
42	D1000-A42	M6 Nut	螺母M6	18
43	D1000-A43	M6 X 55Hexagon Flange Bolts	六角法兰面螺栓 M6X55	2
44	D1000-A44	Bottom Frame (Left)	底脚 (左)	1
45	D1000-A45	Bolt of Cylinder Cap	缸盖螺栓	8
46	D1000-A46	Gasket for Nut of Cylinder Cap	缸盖螺母垫片	8
47	D1000-A47	Nut of Cylinder Cap(Short)	缸盖螺母 (短)	5
48	D1000-A48	M 10 X 1.25 X 20 Bolt	螺栓 M10X1.25X20	3
49	D1000-A49	Hook	吊钩	2
50	D1000-A50	Nut of Cylinder Cap (long)	缸盖螺母 (长)	3
51	D1000-A51	M6 X 35Hexagon Flange Bolts	六角法兰面螺栓 M6X35	1
52	D1000-A52	Bolt Jacket of Cylinder Cover (Small)	缸盖螺栓小护套	4
53	D1000-A53	M6 X 50Hexagon Flange Bolts	六角法兰面螺栓 M6X50	8
54	D1000-A54	Bolt Jacket of Cylinder Cover (Big)	缸盖螺栓大护套	2
55	D1000-A55	Gasket for Gear Cover	齿轮盖垫片	1
56	D1000-A56	M8 X 16 Bolt	六角法兰面螺栓M8X16	2
57	D1000-A57	Gear Cover	齿轮盖板	1
58	D1000-A58	M8 X 30 Bolt	六角法兰面螺栓M8X30	2
59	D1000-A59	8 Gasket	平垫圈8	2
60	D1000-A60	8 X12 Pin	轻型弹性圆柱销8X12	1
61	D1000-A61	M8 Nut	六角法兰螺母 M8	2
62	D1000-A62	Small Blukhead	小闷头	1
63	D1000-A63	Upper Case	上机体	1
64	D1000-A64	13.8 X1.8 O Ring	O型密封圈13.8X1.8	8

FIG 2. CYLINDER CAP ASSEMBLY -B
D1000

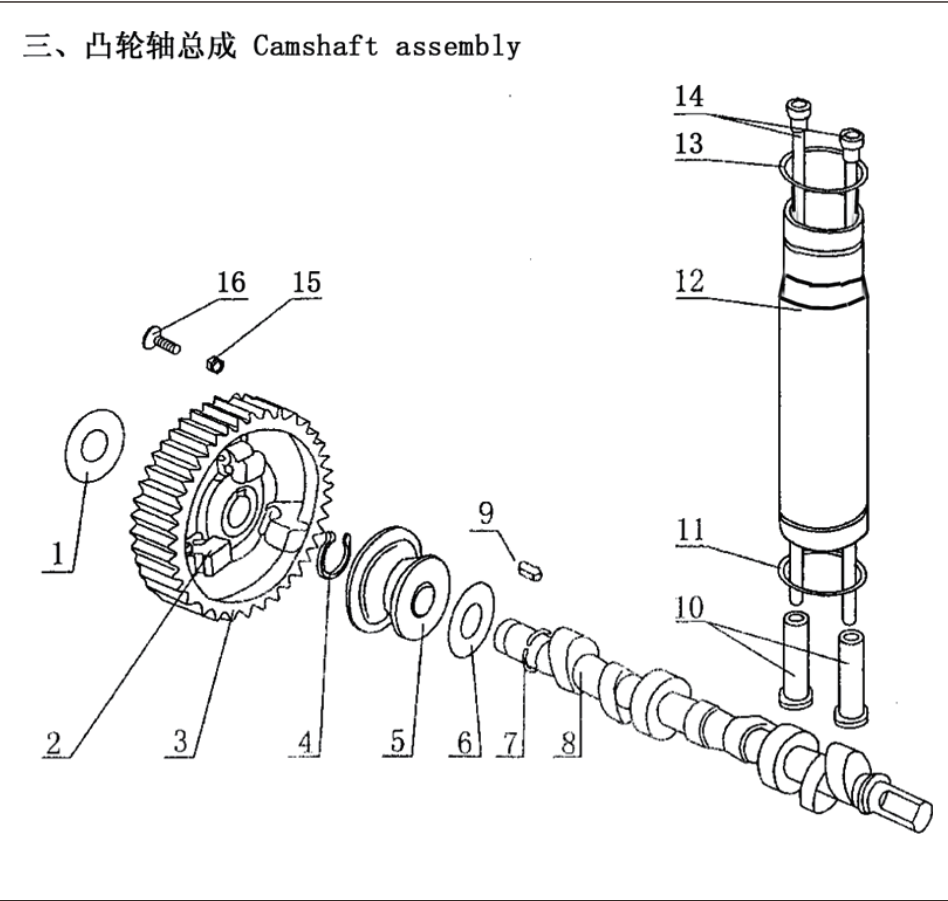
二、气缸盖总成 Cylinder cap assembly



POS	REF	DESCRIPTION	配件	QTY
1	D1000-B01	M8x40 Bolt	六角法兰面螺栓M8X40	4
2	D1000-B02	Oilling Plug	加油螺塞	1
3	D1000-B03	20X2.52 O Ring	O型密封圈20X2.52	1
4	D1000-B04	Cylinder Head Cover	气缸盖罩	2
5	D1000-B05	Gasket of Cylinder Head Cover	气缸盖罩垫片	2
6	D1000-B06	Cylinder Head	气缸盖	2
7	D1000-B07	Gasket of Cylinder Head	气缸盖垫片	2
8	D1000-B08	Intake Valve Seat	进气门座	2
9	D1000-B09	Intake Valve	进气门	2
10	D1000-B10	Valve Guide	气门导管	4
11	D1000-B11	Exhaust Valve	排气门	2
12	D1000-B12	Exhaust Valve Seat	排气门座	2
13	D1000-B13	Oil Seal of Valve Guide	气门油封	4
14	D1000-B14	Bottom Seat Of Valve Sping	气门弹簧下座	4
15	D1000-B15	Valve Sping	气门弹簧	4
16	D1000-B16	Upper Seat of Valve Sping	气门弹簧上座	4
17	D1000-B17	Lock Plug of Valve	气门锁夹	8
18	D1000-B18	Plug	堵塞	2
19	D1000-B19	Type A Shaft Collar 15	A型轴用挡圈15	4
20	D1000-B20	Exhaust Valve Rocker	排气门摇臂	2
21	D1000-B21	adjusting screw	气门间隙调节螺钉	4
22	D1000-B22	M8 Nut	螺母M8	4
23	D1000-B23	Seat of Rocker Shaft	摇臂轴座	2
24	D1000-B24	Seat of Rocker Shaft Bolt	摇臂支座固定螺栓	4
25	D1000-B25	8 Washer	弹垫圈8	10
26	D1000-B26	Intake Valve Rocker	进气门摇臂	2

**FIG 3. CAMSHAFT ASSEMBLY -C
D1000**

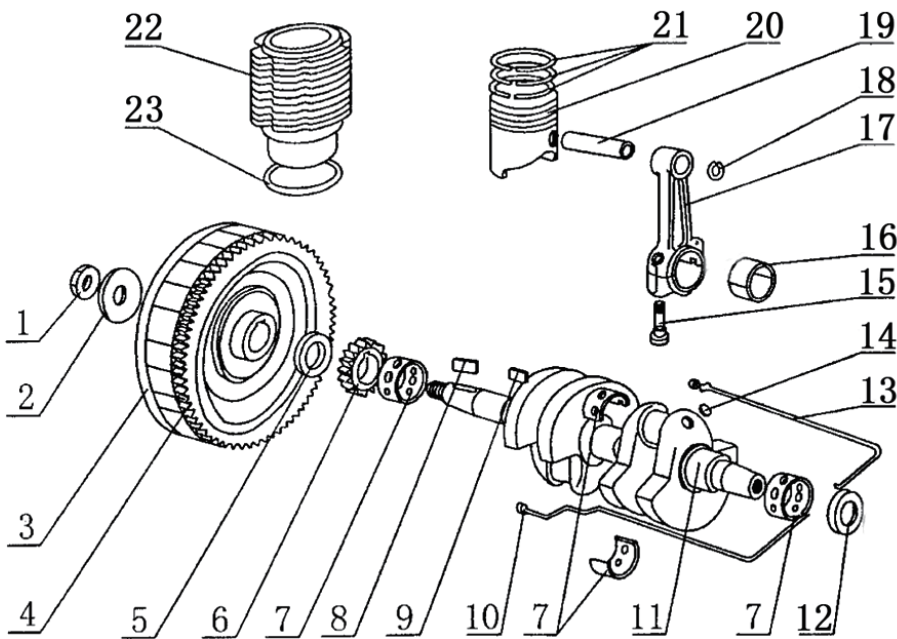
三、凸轮轴总成 Camshaft assembly



POS	REF	DESCRIPTION	配件	QTY
1	D1000-C01	Thrust Piece	止推片	As required
2	D1000-C02	Flyball	飞锤部件	1
3	D1000-C03	Camshaft Timing Gear	凸轮轴正时齿轮	1
4	D1000-C04	A Shaft Collar18	A型轴用挡圈18	1
5	D1000-C05	Pusher Tray	推盘	1
6	D1000-C06	Wearing Plate	摩擦片	1
7	D1000-C07	Axis With Wire Ring 18	轴用钢丝挡圈18	1
8	D1000-C08	Camshaft	凸轮轴	1
9	D1000-C09	4X12 Key	平键4X12	1
10	D1000-C10	Tappet	挺柱	4
11	D1000-C11	37.5X3.0 O-Ring	O型密封圈37.5X3.0	2
12	D1000-C12	Jacket of Push Rod	推杆护套	2
13	D1000-C13	31.5X3.0 O-Ring	O型密封圈31.5X3.0	2
14	D1000-C14	Push rod Assembly	推杆部件	4
15	D1000-C15	M5 Locking Nut	1型全金属六角锁紧螺母M5	3
16	D1000-C16	M5X16 Bolt	内六角花形沉头螺钉M5X16	3

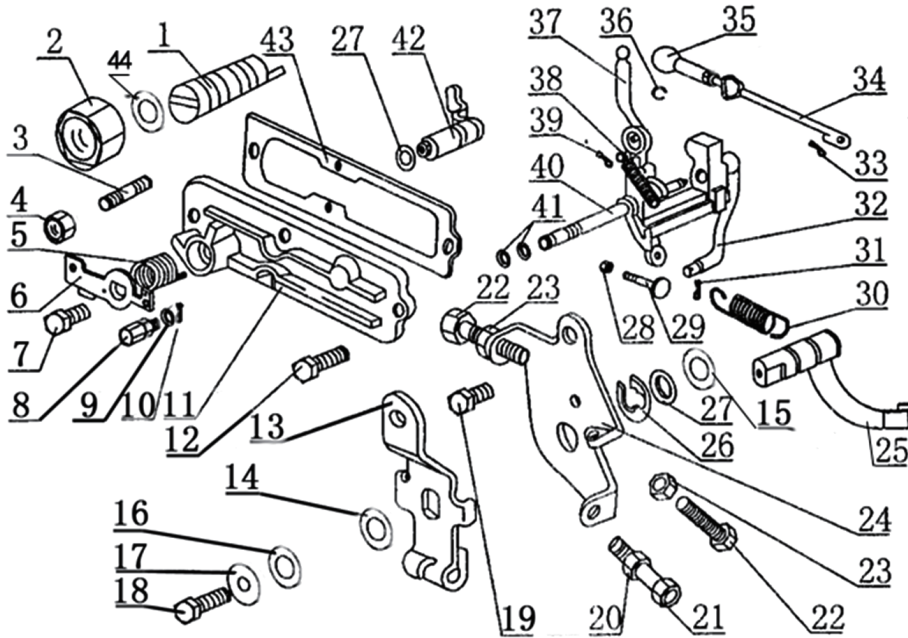
**FIG 4. ASSEMBLY OF CRANKSHAFT PISTON ROD -D
D1000**

四、曲轴活塞连杆总成 Assembly of crankshaft piston rod



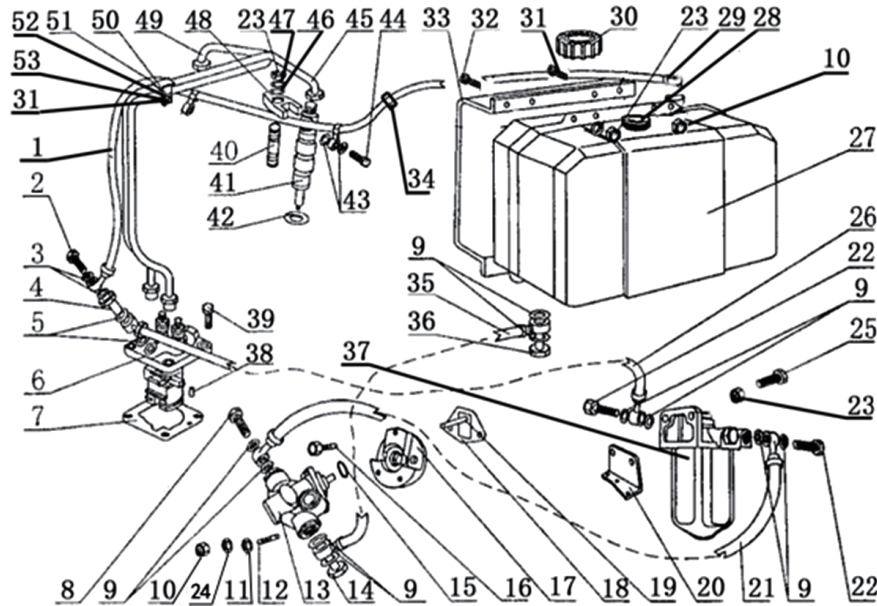
POS	REF	DESCRIPTION	配件	QTY
1	D1000-D01	Flywheel Nut	飞轮螺母	1
2	D1000-D02	Gasket of Flywheel Nut	飞轮螺母垫片	1
3	D1000-D03	Flywheel	飞轮	1
4	D1000-D04	Teeth Ring	齿圈	1
5	D1000-D05	Oil Seal DL38×52×8	油封DL38X52X8	1
6	D1000-D06	Timing Gear	曲轴正时齿轮	1
7	D1000-D07	Main bushing	主轴瓦	6
8	D1000-D08	6X16 Key	键6X16	1
9	D1000-D09	6X10 Key	键6X10	1
10	D1000-D10	Seal Strip (Left)	密封条 (右)	1
11	D1000-D11	Shaft	曲轴	1
12	D1000-D12	Oil seal DR38×52×8	油封DR38X52X8	1
13	D1000-D13	Seal Strip (Right)	密封条 (左)	1
14	D1000-D14	Stell Ball 8	钢球8	4
15	D1000-D15	Boltt of Connecting Rod	连杆螺栓	4
16	D1000-D16	Connecting Rod Bushing	连杆瓦	4
17	D1000-D17	Connecting Rod	连杆合件	2
18	D1000-D18	Type A Hole Collar 26	A型孔用挡圈26	4
19	D1000-D19	Piston Pin	活塞销	2
20	D1000-D20	Piston	活塞	2
21	D1000-D21	Piston Ring	活塞环组件	2
22	D1000-D22	Cylinder Liner	气缸套	2
23	D1000-D23	Gasket Of Cylinder Housing	气缸套垫片	2

五、调速操纵系统 Speed control system

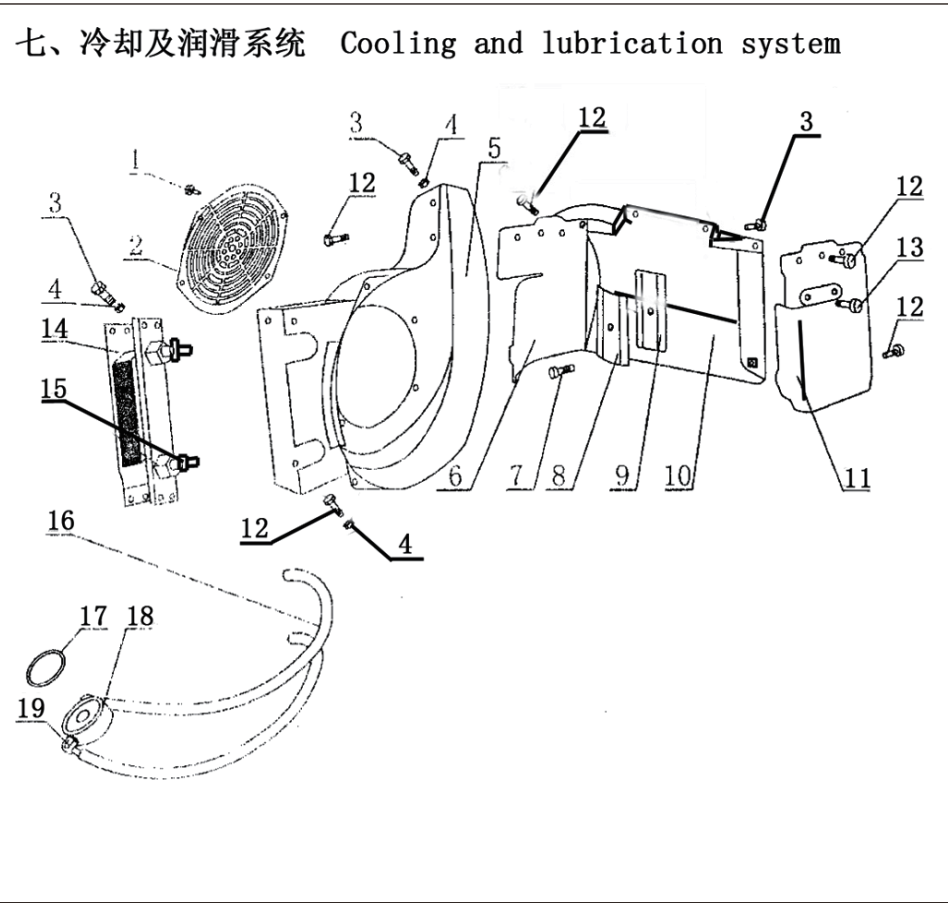


POS	REF	DESCRIPTION	配件	QTY
1	D1000-E01	Limiting Stud	限位螺栓	1
2	D1000-E02	Limiting Nut	限位螺母	1
3	D1000-E03	Rack cover Stud	齿条盖紧固螺栓	1
4	D1000-E04	M6 Nut	六角法兰螺母M6	1
5	D1000-E05	Parking torsion spring	停车弹簧	1
6	D1000-E06	Stop Rocket-arm	停车摇臂	1
7	D1000-E07	M6X8 Bolt	六角法兰面螺栓 M6X8	1
8	D1000-E08	Electricity Clamp	油门拉线锁夹	1
9	D1000-E09	5 Washer	平垫5	2
10	D1000-E10	1.6X14 Cotter Pin	开口销1.6X14	2
11	D1000-E11	Rack cover	齿条盖	1
12	D1000-E12	M6X18 Bolt	六角法兰面螺栓 M6X18	3
13	D1000-E13	Steering Rocker-arm	操纵摇臂	1
14	D1000-E14	12 Butterfly Washer	碟形垫圈12	1
15	D1000-E15	Manipulation of Axis Adjustment Shim	操纵轴调整垫片	As required
16	D1000-E16	12 Gasket	垫圈12	2
17	D1000-E17	6 Large Gasket	大垫圈6	1
18	D1000-E18	M6X10 Bolt	六角法兰面螺栓 M6X10	1
19	D1000-E19	M8X16 Bolt	六角法兰面螺栓 M8X16	1
20	D1000-E20	M8 Nut	螺母M8	1
21	D1000-E21	Bolt of Dragline	拉索螺栓	1
22	D1000-E22	M6X35 Bolt	螺栓 M6X35	2
23	D1000-E23	M6 Nut	螺母M6	2
24	D1000-E24	Positioning Seat	固定座	1
25	D1000-E25	Operating Shaft	操纵轴	1
26	D1000-E26	8 Split Washer	开口挡圈8	1
27	D1000-E27	9x1.8 O ring	O型密封圈9X1.8	2
28	D1000-E28	Self Locking Nut	自锁螺母M4	1
29	D1000-E29	Spacing Screw	限速螺钉	1
30	D1000-E30	Governor Sping	调速弹簧	1
31	D1000-E31	1.2X16.3 R-type Pin	R型销1.2X16.3	1
32	D1000-E32	Governor Lever	调速杠杆	1
33	D1000-E33	1.6X14 Pin	开口销1.6X14	2
34	D1000-E34	Drawbar	拉杆	1
35	D1000-E35	Ball Nut	球头螺母	1
36	D1000-E36	Hole With A Wire Ring 8	孔用钢丝挡圈8	1
37	D1000-E37	Fork	拨叉	1
38	D1000-E38	Stabilization Sping	稳速弹簧	1
39	D1000-E39	1X12 Pin	开口销1X12	2
40	D1000-E40	Lever Shaft	杠杆轴	1
41	D1000-E41	3.15X1.8 O Ring	O型密封圈3.15X1.8	2
42	D1000-E42	Parking Shaft	停车轴	1
43	D1000-E43	Gasket For Rack Cover	齿条盖垫片	1

六、燃油系统 Fuel system

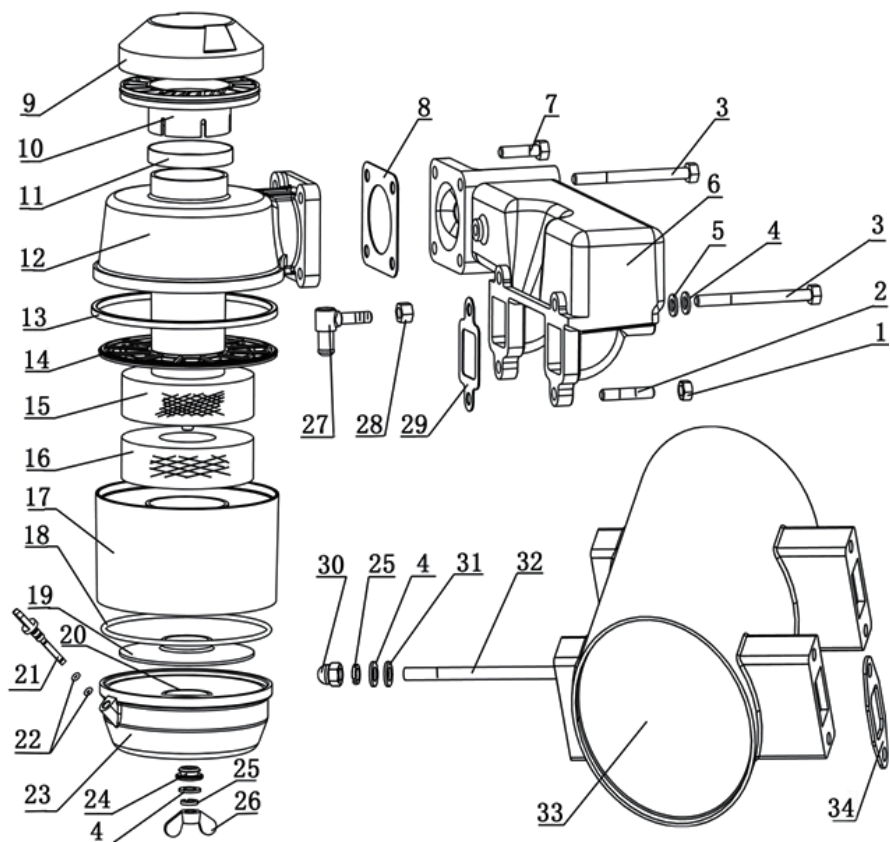


POS	REF	DESCRIPTION	配件	QTY
1	D1000-F01	Oil Return Pipe	回油管部件	1
2	D1000-F02	Oil Return Pipe Bolt	回油管螺栓	1
3	D1000-F03	Copper Shim 8	铜垫圈8	2
4	D1000-F04	Oil Delivery Pipe Bolt	进油管部件	1
5	D1000-F05	Copper Shim 12	铜垫圈12	2
6	D1000-F06	Fuel Injection Pump Assembly	喷油泵总成	1
7	D1000-F07	Gasket for Fuel Injection Pump	喷油泵垫片	As required
8	D1000-F08	Oil Pump Outflow Bolt	输油泵出油螺栓	1
9	D1000-F09	Combination Sealing Gasket 14	组合密封垫圈14	10
10	D1000-F10	M6 Nut	螺母M6	3
11	D1000-F11	6 Gasket	平垫圈6	3
12	D1000-F12	Oil Pump Stud	输油泵紧固螺栓	3
13	D1000-F13	Oil Pump Assembly	输油泵总成	1
14	D1000-F14	Oil Pump Inflow Bolt	输油泵进油螺栓	1
15	D1000-F15	13X2.65 O Ring	O型密封圈13.2X2.65	1
16	D1000-F16	M8X25 Scket Head Cap Screw	内六角圆柱头螺钉M8X25	2
17	D1000-F17	Seat Of Oil Pump	输油泵座	1
18	D1000-F18	Seat Gasket of Oil Pump	输油泵座垫片t1.0	1
19	D1000-F19	Top Pin	顶销	1
20	D1000-F20	Connecting Plate Of Fuel Filter	柴油连接板	1
21	D1000-F21	Oil Delivery Pipe II	输油管部件 II	1
22	D1000-F22	Fuel Filter Bolt	柴油滤清器螺栓	3
23	D1000-F23	M8 Nut	六角法兰面螺母 M8	6
24	D1000-F24	6 Washer	弹垫圈6	3
25	D1000-F25	M8X30 Bolt	六角法兰面螺栓M8X30	2
26	D1000-F26	Oil Delivery Pipe III	输油管部件 III	1
27	D1000-F27	Fuel Tank	油箱焊接部件	1
28	D1000-F28	Oil Filter	加油滤网	1
29	D1000-F29	Oil Return Pipe Tipe-in	回油管接头	1
30	D1000-F30	Fuel Tank Cap	油箱盖	1
31	D1000-F31	M6X16 Bolt	六角法兰面螺栓M6X16	5
32	D1000-F32	M8X16 Bolt	六角法兰面螺栓M8X16	4
33	D1000-F33	Fuel Tank Bracket	油箱支架	1
34	D1000-F34	φ9 Collar	卡箍 φ9	2
35	D1000-F35	Oil Delivery Pipe I	输油管部件 I	1
36	D1000-F36	Fuel Tank Outflow Bolt	油箱出油管螺栓	1
37	D1000-F37	Fuel Filter	柴油滤清器总成	1
38	D1000-F38	4X8 Round pin	圆柱销4X8	1
39	D1000-F39	M8X25 Bolt	六角法兰面螺栓 M8X25	4
40	D1000-F40	AM8×40 Double Ends Bolt	喷油器固定螺栓	2
41	D1000-F41	Fuel Injector Assembl	喷油器总成	2
42	D1000-F42	Fuel Injector gasket	喷油器垫片	As required
43	D1000-F43	Copper Shim 6	铜垫圈6	4
44	D1000-F44	Fuel Injector Bolt	回油螺钉	2
45	D1000-F45	High-pressure Oil Pipe Assembly II	高压油管组件 II	1
46	D1000-F46	Spherical Washers	球面垫圈	2
47	D1000-F47	8 Washer	弹垫圈8	2
48	D1000-F48	Clamping Plate Of Injector	喷油器压板	2
49	D1000-F49	High-pressure Oil Pipe Assembly I	高压油管组件 I	1
50	D1000-F50	Fixture Block I	夹板 I	1
51	D1000-F51	Fixture Block II	夹板 II	1
52	D1000-F52	Cushion	减振块	2
53	D1000-F53	M6 Hexagon Flange Nut	六角法兰面螺母M6	5



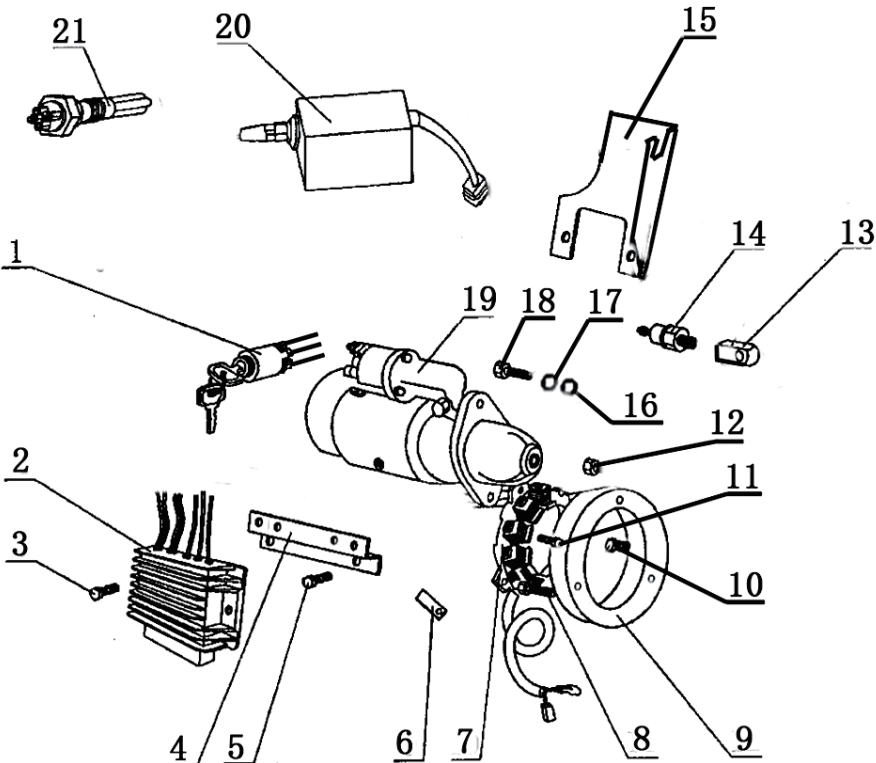
POS	REF	DESCRIPTION	配件	QTY
1	D1000-G01	M6X8 Bolt	六角法兰面螺栓M6X8	4
2	D1000-G02	Air - Inlet Cover	进风盖板	1
3	D1000-G03	M6X18 Bolt	六角法兰面螺栓M6X18	8
4	D1000-G04	M6 Nut	螺母 M6	6
5	D1000-G05	Air Dust	导风罩	1
6	D1000-G06	Front Air Baffle	前挡风板	1
7	D1000-G07	M5X16 Bolt	螺栓M5X16	1
8	D1000-G08	Left Air Baffle	左挡风板	1
9	D1000-G09	Left Air Baffle Assembly	左挡风板组件	1
10	D1000-G10	Draught Plate	引风板	1
11	D1000-G11	Rear Air Baffle	后挡风板	1
12	D1000-G12	M6X12 Bolt	六角法兰面螺栓M6X12	8
13	D1000-G13	M8X16 Bolt	六角法兰面螺栓M8X16	2
14	D1000-G14	Oil Cooler Assembly	机油冷却器	1
15	D1000-G15	3-Joint	3分接头	2
16	D1000-G16	Oil Cooler Pipe	机油冷却器接管部件	2
17	D1000-G17	60X2.65 O Ring	O型密封圈60X2.65	1
18	D1000-G18	Seat Of Oil Filter	机油滤过渡座	1
19	D1000-G19	2-Straight Joint	2分直角接头	2

八、进排气系统 Air-inlet/outlet system



POS	REF	DESCRIPTION	配件	QTY
1	D1000-H01	M8 Scket Head Cap Screw	六角法兰面螺母M8	2
2	D1000-H02	M8X25 Double-end Bolt	双头螺栓M8X25	2
3	D1000-H03	M8X90 Hexagon Flange Bolts	六角法兰面螺栓 M8X90	4
4	D1000-H04	8 Gasket	平垫圈8	7
5	D1000-H05	Combination Sealing Gasket 8	组合密封垫圈8	2
6	D1000-H06	Intake Manifold	进气管	1
7	D1000-H07	M8X30 Hexagon Flange Bolts	六角法兰面螺栓M8 x 30	2
8	D1000-H08	Air filter Gasket	空滤垫片	1
9	D1000-H09	Cyclone Coarse Filter Cover	粗滤盖	1
10	D1000-H10	Cyclone Coarse Filter	粗滤体	1
11	D1000-H11	50-70 Clamp	喉箍50-70	1
12	D1000-H12	Shell	壳体	1
13	D1000-H13	Sealing Ring	密封圈	1
14	D1000-H14	Filter Cover	滤芯端盖	1
15	D1000-H15	Fine Filter	滤芯（细）	1
16	D1000-H16	Coarse Filter	滤芯（中粗）	1
17	D1000-H17	Filter Housing	滤芯壳体	1
18	D1000-H18	119.6X3.55 O Ring	O型圈 119.6X3.55	1
19	D1000-H19	Oil Baffle Disc	挡油盘	1
20	D1000-H20	Lacquer Tray Sealing Ring	油盘小密封圈	1
21	D1000-H21	Oil Dipstick	油标尺	1
22	D1000-H22	3.15X1.8 O Ring	O型圈3.15X1.8	2
23	D1000-H23	Lacquer Tray	油盘	1
24	D1000-H24	Damping Sealing Compound Gasket	减震密封组合垫	1
25	D1000-H25	8 Washer	弹垫圈8	5
26	D1000-H26	M8 Butterfly Nut	蝶形螺母M8	1
27	D1000-H27	Intake Manifold Ventilation Joint	进气管通气接头	1
28	D1000-H28	M8 Nut	螺母 M8	1
29	D1000-H29	Intake Manifold Gasket	进气管垫片	2
30	D1000-H30	M8 Gap Nut	盖形螺母M8	4
31	D1000-H31	Gasket of Muffler Nut	消声器螺母垫片	4
32	D1000-H32	Muffler Stud	消声器紧固螺栓	4
33	D1000-H33	Muffler Assembly	消声器总成	1
34	D1000-H34	Gasket of Exhaust Pipe	排气管垫片	2

九、电气系统 Electrical system



POS	REF	DESCRIPTION	配件	QTY
1	D1000-I01	Starting Switch	启动线束部件	1
2	D1000-I02	Voltage Regulator	稳压器部件	1
3	D1000-I03	M6X14 Bolt	六角法兰面螺栓M6X14	2
4	D1000-I04	Bracket of Voltage Regulator	稳压器固定支架	1
5	D1000-I05	M8X16 Bolt	六角法兰面螺栓M8X16	2
6	D1000-I06	Wiring Clip of generator	发电机线夹	1
7	D1000-I07	Seat Of Generator stator	发电机定子座	1
8	D1000-I08	Generator Stator	发电机定子部件	1
9	D1000-I09	Generator Rotor	发电机转子部件	1
10	D1000-I10	M6X16 Sunk Screw	内六角花形沉头螺钉M6X16	3
11	D1000-I11	M6X22 Bolt	六角法兰面螺栓M6X22	3
12	D1000-I12	M6 Scket Head Cap Screw	六角法兰面螺母M6	3
13	D1000-I13	Pressure alarm Block	机油压力报警器座	1
14	D1000-I14	Oil pressure alarm Outline	机油压力报警器	1
15	D1000-I15	Fixture of Electricity Flameout	电熄火固定支架	1
16	D1000-I16	10 Gasket	平垫圈10	2
17	D1000-I17	10 Washer	弹垫圈10	2
18	D1000-I18	M10 X 25 Soket Head Cap Screw	螺栓M10X35X1.5	2
19	D1000-I19	Start motor	启动电机总成	1
20	D1000-I20	Electricity Falmeout	电熄火部件	1
21	D1000-I21	Flame Heater	加热器部件	1

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