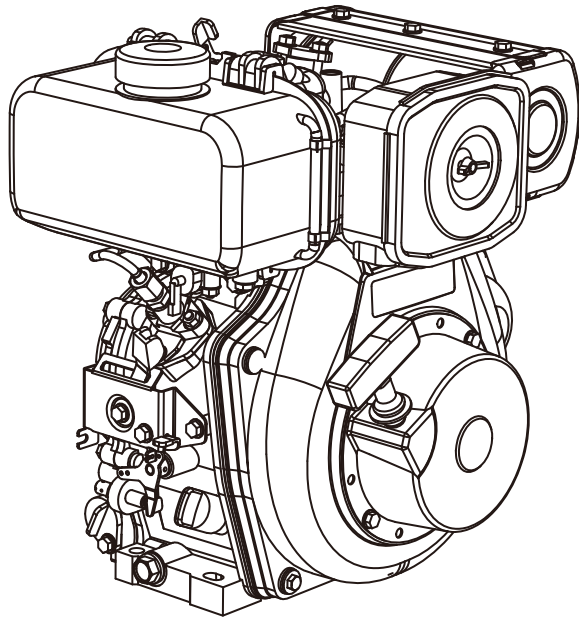


ITCPower

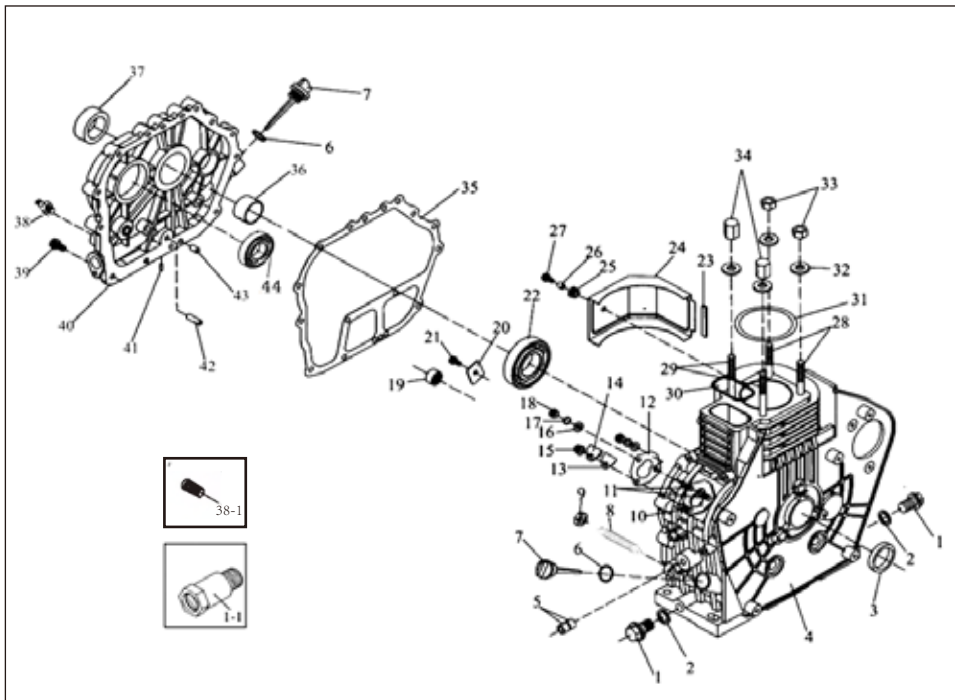
Air Cooled Diesel Engine



Illustrated Part List

D500

2017.07



D500-A4



D500-A28

D500-A29

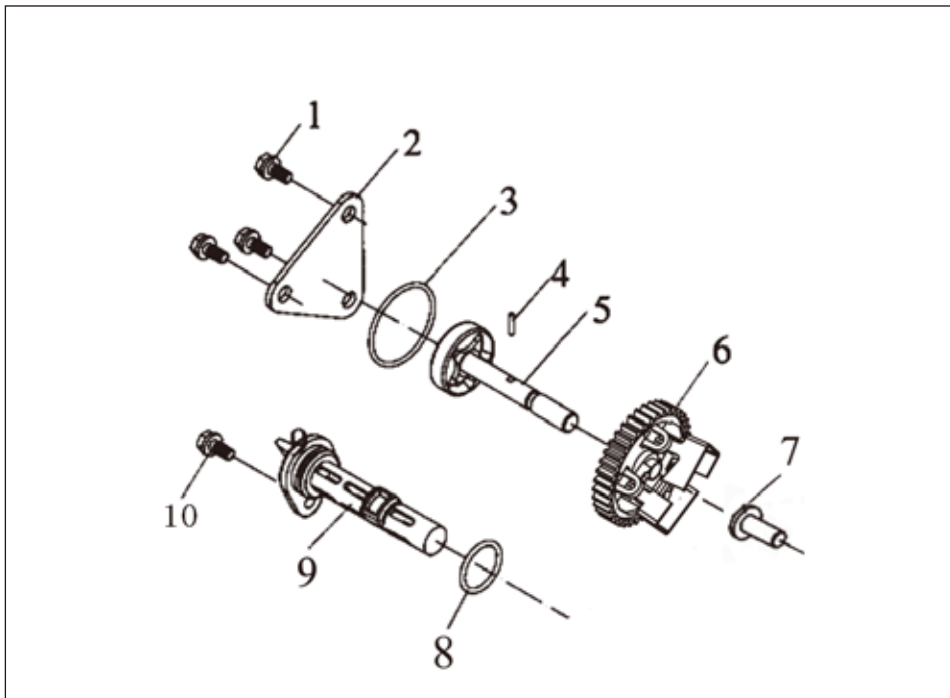


D500-A38



D500-A38-1

POS	REF	DESCRIPTION	配件	QTY
1	D500-A1	Drain plug screw M16×16×1.5	放油螺栓 M16 × 16 × 1.5	2
1-1	D500-A1-1	Connecting bolt of drain plug	放油螺栓接头	1
2	D500-A2	Washer unit of drain plug Φ16.5	放油螺栓垫片 Φ 16.5	2
3	D500-A3	Real oil seal 35×50×8	后油封 35 × 50 × 8	1
4	D500-A4	Engine block / crankcase	机体	1
5	D500-A5	Needle bearing HK081410	滚针轴承 HK081410	2
6	D500-A6	O-Ring Φ24×2.4	机油尺O型圈 Φ 24 × 2.4	2
7	D500-A7	Oil dipstick	机油尺	2
8	D500-A8	Fuel controller ASSY	油量控制器	1
9	D500-A9	Nut M10×1.25	螺母 M10 × 1.25	1
10	D500-A10	Bolt (short) AM6×30	喷油泵紧固螺栓 (短) AM6 × 30	1
11	D500-A11	Bolt (long) AM6×36	喷油泵紧固螺栓 (长) AM6 × 36	2
12	D500-A12	Fuel injection pump washer 0.1 ~ 0.5MM	喷油泵调整垫片 0.1 ~ .5MM	1
13	D500-A13	Joint washer	喷油器密封板垫片	1
14	D500-A14	Seal plate	喷油器密封板	1
15	D500-A15	Nut M6	法兰螺母 M6	1
16	D500-A16	Flat washer Ø6	平垫 Ø6	2
17	D500-A17	Spring washer Ø6	弹垫 Ø6	2
18	D500-A18	Nut M6	普通螺母 M6	2
19	D500-A19	IKO Needle bearing TIA1512Z	IKO滚针轴承 TIA1512Z	1
20	D500-A20	Thrust plate	止推片	1
21	D500-A21	Flange bolt M8×12	法兰螺栓 M8 × 12	1
22	D500-A22	Ball bearing 6308	轴承 6308	1
23	D500-A23	Cushion shock absorber	引风板减震垫条	1
24	D500-A24	Cylinder baffle	引风板	1
25	D500-A25	Vibration isolation cushion block	引风板减震垫	1
26	D500-A26	Sheath	引风板减震衬套	1
27	D500-A27	Flange bolt M6×18	法兰螺栓 M6 × 18	1
28	D500-A28	Cylinder head stud bolt(short) AM12×1.5×108	气缸盖双头螺栓(短) AM12 × 1.5 × 108	2
29	D500-A29	Cylinder head stud bolt(long) AM12×1.5×121	气缸盖双头螺栓(长) AM12 × 1.5 × 121	2
30	D500-A30	Rectangle ring 5.1×2.3	环形密封圈 5.1 × 2.3	1
31	D500-A31	Cylinder head shim 0.1 ~ .5MM	汽缸垫调整垫片 0.1 ~ .5MM	1
32	D500-A32	Cylinder head nut gasket Φ10.5	气缸盖螺母垫圈 Φ 10.5	4
33	D500-A33	Cylinder head nut(short)	气缸盖螺母(短)	2
34	D500-A34	Cylinder head nut(long)	气缸盖螺母(长)	2
35	D500-A35	Crankcase cover washer	齿轮室盖垫片	1
36	D500-A36	Main bush	主轴瓦	1
37	D500-A37	Front oil seal 35×50×10	前油封 35 × 50 × 10	1
38	D500-A38	Low oil alarm	机油压报警器	1
38-1	D500-A38-1	Hexagonal internal screw plug	内六角堵塞	1
39	D500-A39	Bolt M8×33.5	法兰螺栓 M8 × 33.5	16
40	D500-A40	Crankcase cover	齿轮室盖	1
41	D500-A41	Plunger 8×8	铝堵 8 × 8	3
42	D500-A42	Oil conduit	机油导管	1
43	D500-A43	Pin 8×12	定位销 8 × 12	2
44	D500-A44	Ball bearing 6207	轴承 6207	1



POS	REF	DESCRIPTION	配件	QTY
1	D500-B1	Bolt M6×12	法兰螺栓M6 × 12	3
2	D500-B2	Lube oil pump cover	机油泵盖板	1
3	D500-B3	O-Ring Φ34.5×1.8	O型圈 Φ34.5 × 1.8	1
4	D500-B4	Pin 3×16	销 3 × 16	1
5	D500-B5	Engine oil pump unit	机油泵	1
6	D500-B6	Drive gear of lube oil pump	机油泵传动齿轮	1
7	D500-B7	Governor push reel	调速器推盘24.5	1
8	D500-B8	O-Ring Φ20×2.52	O型圈 Φ20 × 2.52	1
9	D500-B9	Lube oil filter ASSY	机油滤总成	1
10	D500-B10	Bolt M6×14	法兰螺栓 M6 × 14	1



D500-B5



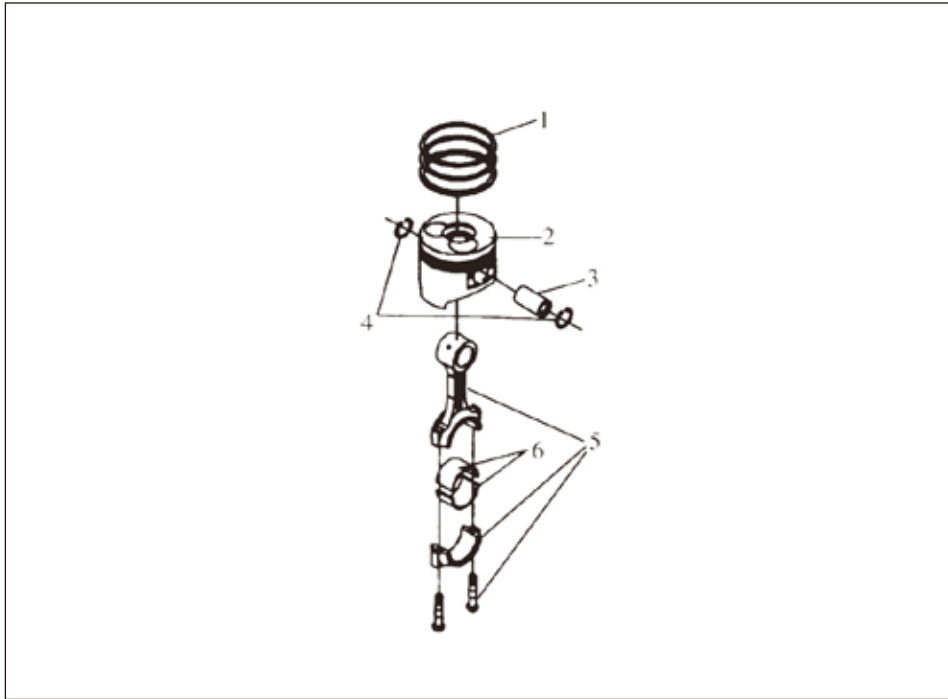
D500-B6



D500-B7



D500-B9



POS	REF	DESCRIPTION	配件	QTY
1	D500-C1	Piston ring set	活塞环(套)	1
2	D500-C2	Piston	活塞	1
3	D500-C3	Piston pin	活塞销	1
4	D500-C4	Piston pin clip	活塞销卡簧	1
5	D500-C5	Connecting rod ASSY	连杆总成	1
6	D500-C6	Connecting rod bush (Set)	连杆瓦(套)	1



D500-C1



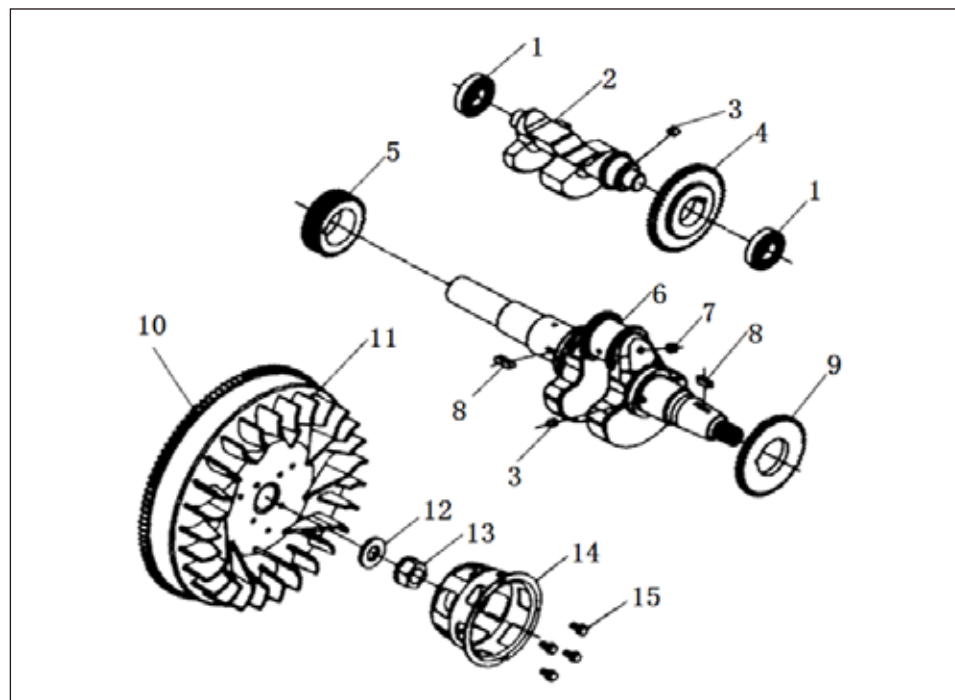
D500-C2



D500-C3



D500-C5



POS	REF	DESCRIPTION	配件	QTY
1	D500-D1	Ball bearing 6203	轴承 6203	2
2	D500-D2	Balance shaft	平衡轴	1
3	D500-D3	Key 5×7	键 5 × 7	2
4	D500-D4	Timing gear of balance shaft	平衡轴正时齿轮	1
5	D500-D5	Crankshaft timing gear	曲轴正时齿轮	1
6	D500-D6	Crankshaft	曲轴	1
7	D500-D7	Steel ball Φ6.35	钢珠 Φ6.35	1
8	D500-D8	Key 5×14	键 5 × 14	2
9	D500-D9	Drive gear of balance shaft	平衡轴传动齿轮	1
10	D500-D10	flywheel ring gear	飞轮齿圈	1
11	D500-D11	Flywheel	飞轮	1
12	D500-D12	Flywheel nut washer	飞轮螺母垫圈 Φ18.5	1
13	D500-D13	Flywheel Nut M18×1.5	飞轮螺母 M18 × 1.5	1
14	D500-D14	Starting claw	起动爪盘	1
15	D500-D15	Flang bolt M6×12	法兰螺栓 M6 × 12	4



D500-D1



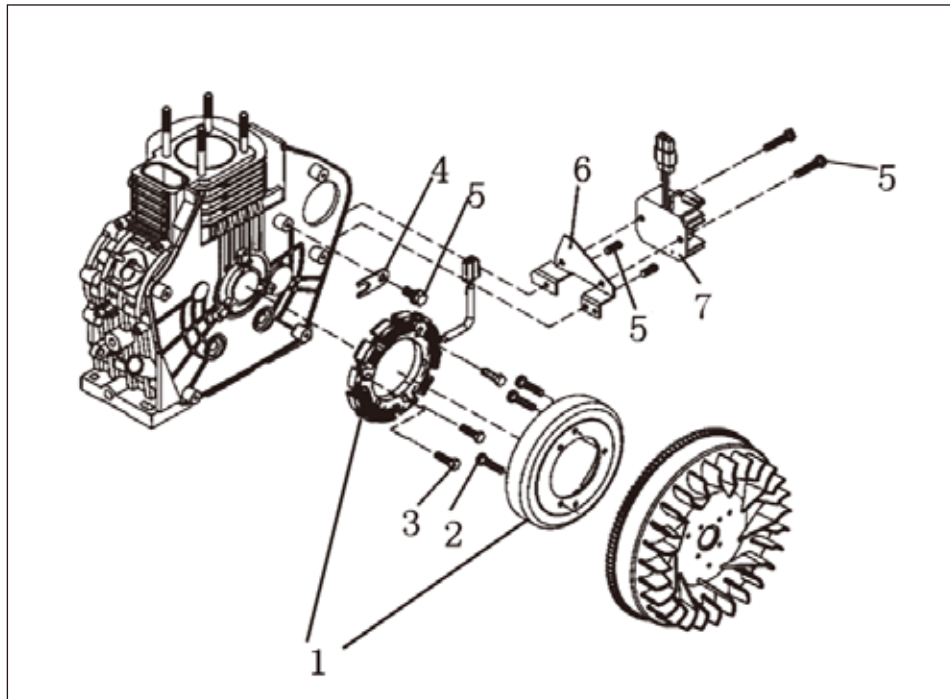
D500-D6



D500-D11



D500-D14



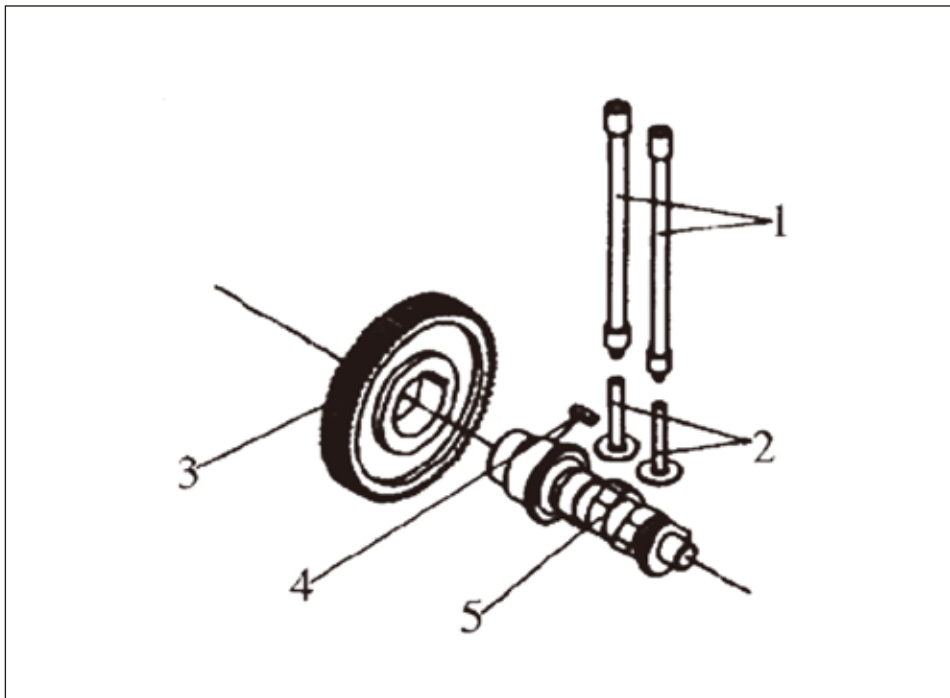
POS	REF	DESCRIPTION	配件	QTY
1	D500-E1	Flywheel alternator	飞轮发电机	1
2	D500-E2	Screw M6×12	十字槽沉头螺钉 M6 × 12	3
3	D500-E3	Screw M6×22	法兰螺栓 M6 × 22	3
4	D500-E4	Retainer plate	压线板	1
5	D500-E5	Screw M6×12	法兰螺栓 M6 × 12	5
6	D500-E6	Support of voltage regulator	稳压器支架	1
7	D500-E7	Voltage regulator ASSY	稳压器	1



D500-E1



D500-E2



POS	REF	DESCRIPTION	配件	QTY
1	D500-F1	Valve push rod ASSY	气门推杆	2
2	D500-F2	Valve tappet	气门挺柱	2
3	D500-F3	Camshaft timing gear	凸轮轴正时齿轮	1
4	D500-F4	Key 5×14	键 5 × 14	1
5	D500-F5	Camshaft	凸轮轴	1



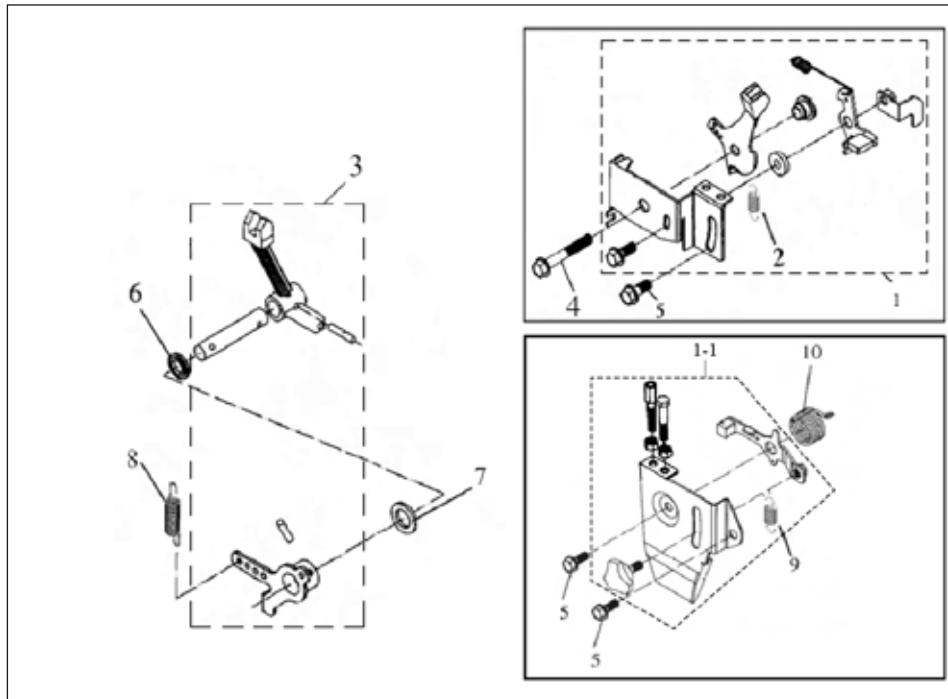
D500-F1



D500-F2



D500-F5



POS	REF	DESCRIPTION	配件	QTY
1	D500-G1	Stop-Start speed governor ASSY	二档手柄	1
1-1	D500-G1-1	Common speed governor ASSY	普通手柄	1
2	D500-G2	Retrun spring II	回位弹簧 II	1
3	D500-G3	Governor level ASSY	拨插总成	1
4	D500-G4	Flange bolt M6×18	六角法兰螺栓M6 × 18	1
5	D500-G5	Flange bolt M6×14	六角法兰螺栓M6 × 14	1
6	D500-G6	Level shaft oil seal	杠杆轴油封	1
7	D500-G7	Level shaft gasket	杠杆轴垫片	1
8	D500-G8	Governor spring	调速弹簧	1
9	D500-G9	Retrun spring I	回位弹簧 I	1



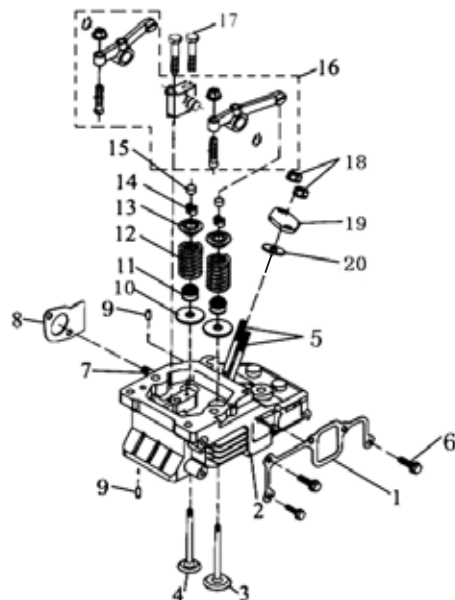
D500-G1



D500-G1-1



D500-G3



POS	REF	DESCRIPTION	配件	QTY
1	D500-H1	Intake pipe shim	进气管垫片	1
2	D500-H2	Cylinder head	气缸盖	1
3	D500-H3	Intake valve	进气门	1
4	D500-H4	Exhaust valve	排气门	1
5	D500-H5	Stud AM6×55	双头螺柱 AM6 × 55	2
6	D500-H6	Bolt M6×25	法兰螺栓 M6 × 25	3
7	D500-H7	Stud M10×25	双头螺柱 M10 × 25	2
8	D500-H8	Exhaust pipe washer	消声器垫片	1
9	D500-H9	Pin 4×8	销 4 × 8	3
10	D500-H10	Valve spring gasket	气门弹簧垫圈	2
11	D500-H11	Valve conduit oil seal	气门导管油封	2
12	D500-H12	Valve spring	气门弹簧	2
13	D500-H13	Valve spring seat	气门弹簧座	2
14	D500-H14	Valve retaining clip	气门锁夹	4
15	D500-H15	Valve Aadjusting cushion	气门调节垫块	2
16	D500-H16	Rock arm ASSY	摇臂总成	1
17	D500-H17	Set bolt of Rocker arm Sseat M8×1.25×50	摇臂紧固螺栓 M8 × 1.25 × 50	2
18	D500-H18	Flange nut M6	法兰螺母 M6	2
19	D500-H19	Fuel injection valve retainer	喷油器压板	1
20	D500-H20	Injector adjustment washers 0.1~.5MM	喷油器调整垫片 0.1 ~ .5MM	1



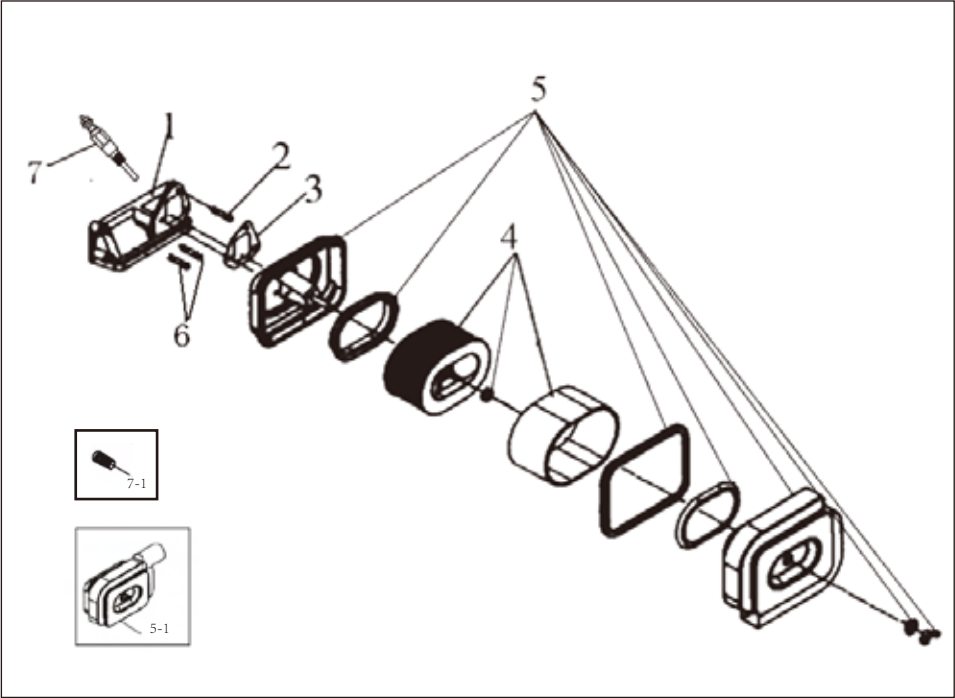
D500-H2



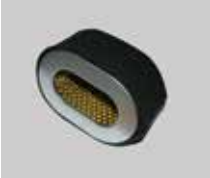
D500-H3



D500-H4



POS	REF	DESCRIPTION	配件	QTY
1	D500-I1	Inlet pipe	进气管 (带加热塞孔)	1
2	D500-I2	Flang bolt M6x12	法兰螺栓 M6x12	1
3	D500-I3	Air clearner gasket	空滤垫片	1
4	D500-I4	Air cleaner element ASSY	空滤芯	1
5	D500-I5	Air cleaner shell ASSY (open frame type)	开架空滤壳	1
5-1	D500-I5-1	Air cleaner shell ASSY (soundproof type)	静音空滤壳	1
6	D500-I6	Flange bolt M6x75	法兰螺栓 M6x75	2
7	D500-I7	12V heating plug	12V加热塞	1
7-1	D500-I7-1	Flang bolt M10*1.25	法兰螺栓 M10*1.25	1



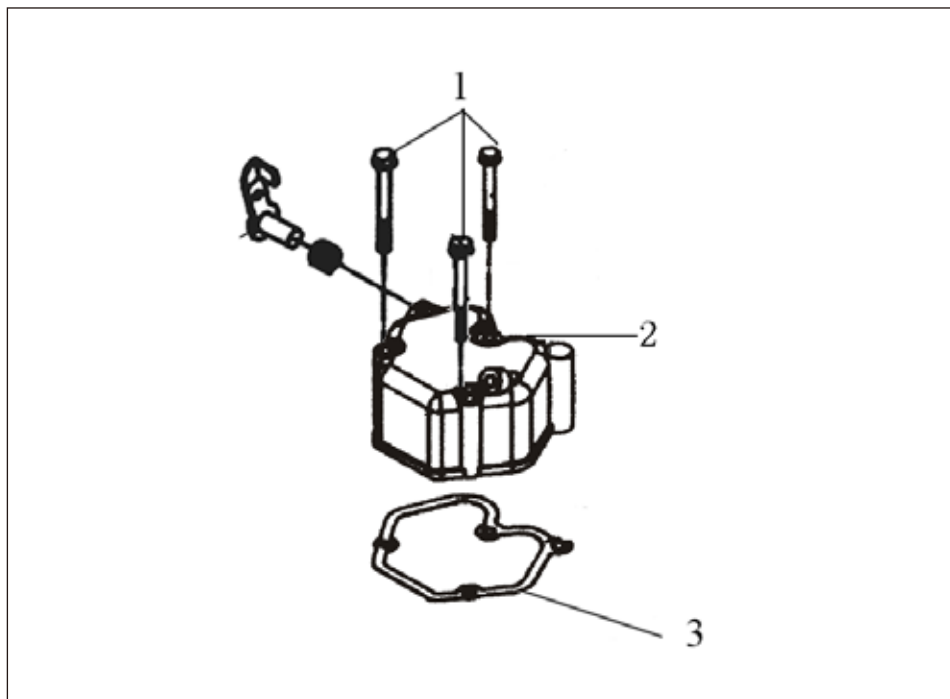
D500-I4



D500-I5



D500-I7



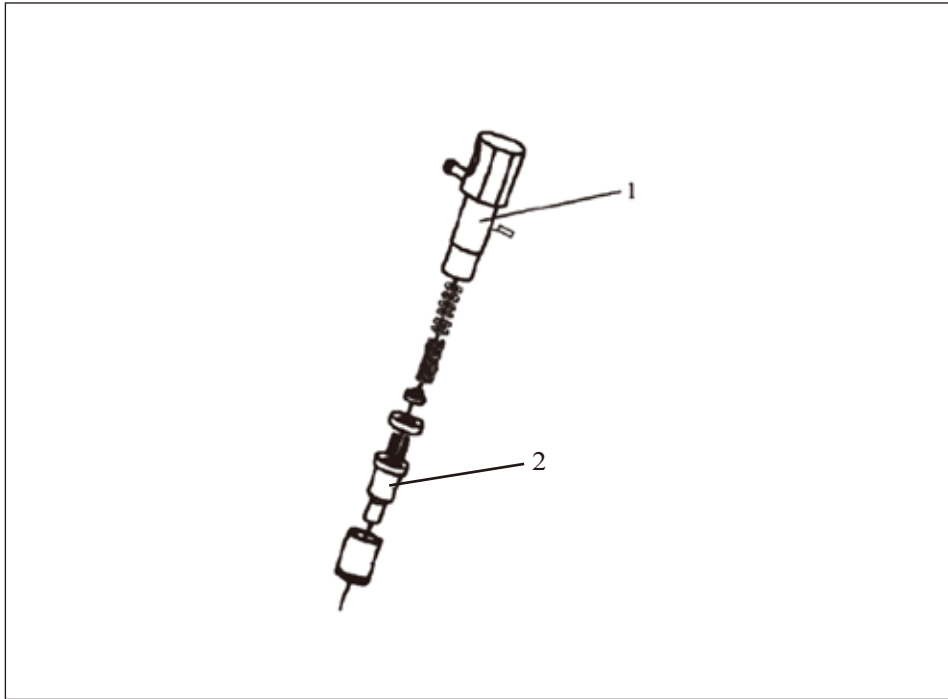
POS	REF	DESCRIPTION	配件	QTY
1	D500-J1	Bolt M6×70	法兰螺栓 M6 × 70	3
2	D500-J2	Cylinder head cover ASSY (Engine, Generator)	气缸盖罩总成 (单机, 机组专用)	1
2-1	D500-J2-1	Cylinder head cover ASSY (Pump)	气缸盖罩总成 (水泵专用)	1
3	D500-J3	Cylinder head cover gasket	气缸盖罩垫片	1



D500-J2



D500-J2-1



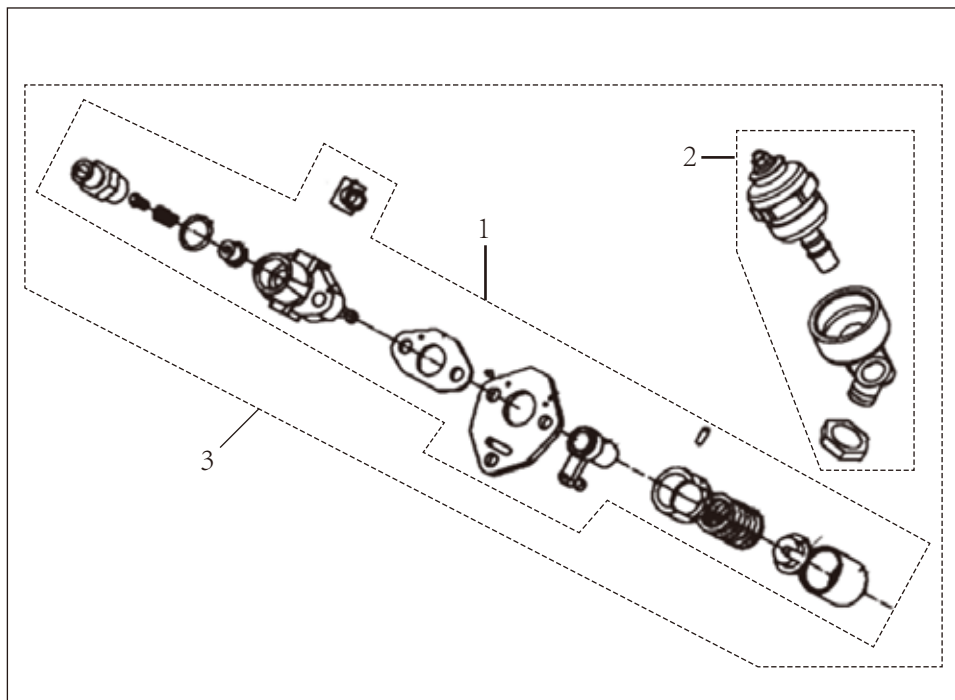
POS	REF	DESCRIPTION	配件	QTY
1	D500-K1	Injector ASSY	喷油器总成	1
2	D500-K2	Injection nozzle	喷油器偶件	1



D500-K1-1



D500-K2-1

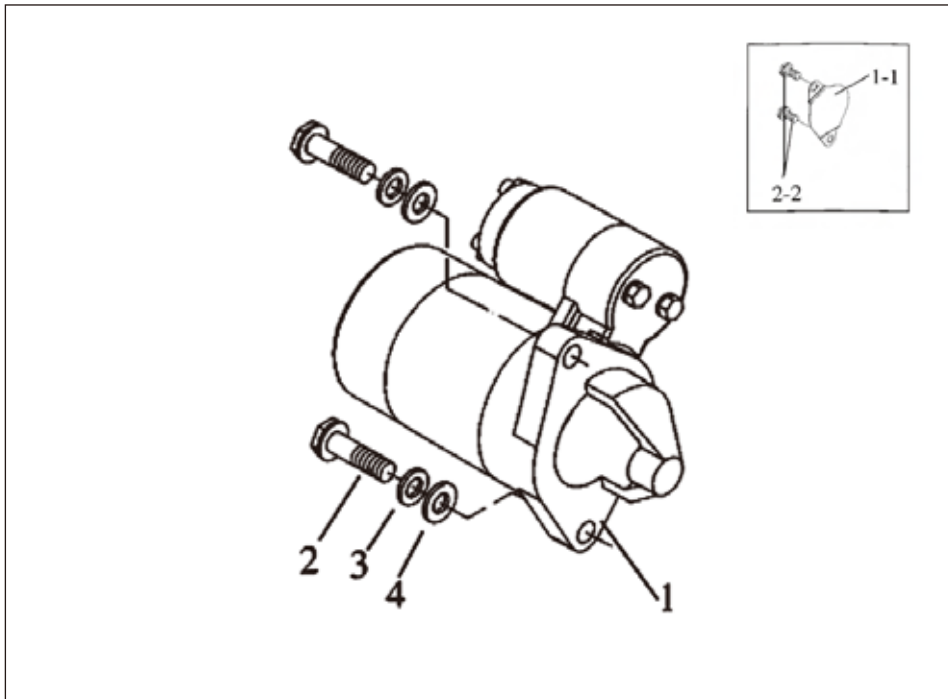


D500-L2



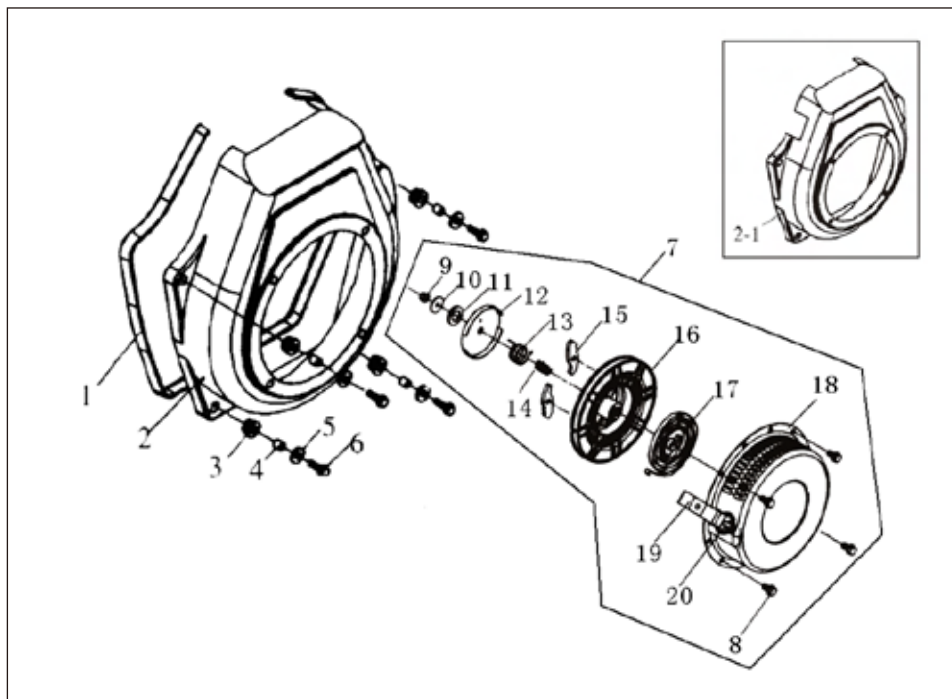
D500-L3

POS	REF	DESCRIPTION	配件	QTY
1	D500-L1	Injection pump ASSY	单机喷油泵总成	1
2	D500-L2	Electromagnetic valve	电磁阀	1
3	D500-L3	Injection pump ASSY(electromagnetic valve included)	机组喷油泵总成 (带电磁阀)	1



D500-M1

POS	REF	DESCRIPTION	配件	QTY
1	D500-M1	Starting motor ASSY	起动电机	1
1-1	D500-M1-1	Starting motor cover	起动电机盖板	1
2	D500-M2	Bolt M10×35	六角螺栓 M10×35	2
2-1	D500-M2-1	Bolt M10×20	六角螺栓 M10×20	2
3	D500-M3	Spring gasket Φ10	弹垫 Φ10	2
4	D500-M4	Flat washer Φ10	平垫 Φ10	2



POS	REF	DESCRIPTION	配件	QTY
1	D500-N1	Cushion	导风罩减震垫条	1
2	D500-N2	Fan cover weldment ASSY (open frame type)	开架导风罩	1
2-1	D500-N2-1	Fan cover weldment ASSY (soundproof type)	静音导风罩	1
3	D500-N3	Cushion sheath	导风罩减震垫	4
4	D500-N4	Sheath	导风罩减震衬套	4
5	D500-N5	Flat washer Φ6	加大平垫 Φ6	4
6	D500-N6	Bolt M6×22	法兰螺栓 M6 × 22	4
7	D500-N7	Handle starter ASSY	手拉盘总成	1
8	D500-N8	Bolt M6×8	法兰螺栓 M6 × 8	4
9	D500-N9	Flange nut M8	法兰螺母 M8	1
10	D500-N10	Flat washer Φ8	加大平垫 Φ8	1
11	D500-N11	Friction plate	摩擦片	1
12	D500-N12	Starting claw pressure plate	起动爪压盘	1
13	D500-N13	Torsion spring	扭转弹簧	1
14	D500-N14	Compression spring	压缩弹簧	1
15	D500-N15	Starting claw	起动爪	2
16	D500-N16	Start pull dish	起动拉盘	1
17	D500-N17	Spiral spring	平面蜗卷弹簧	1
18	D500-N18	Hand plate shell	手拉盘外壳	1
19	D500-N19	Starter handle	起动手柄	1
20	D500-N20	Starting leash	起动拉绳	1



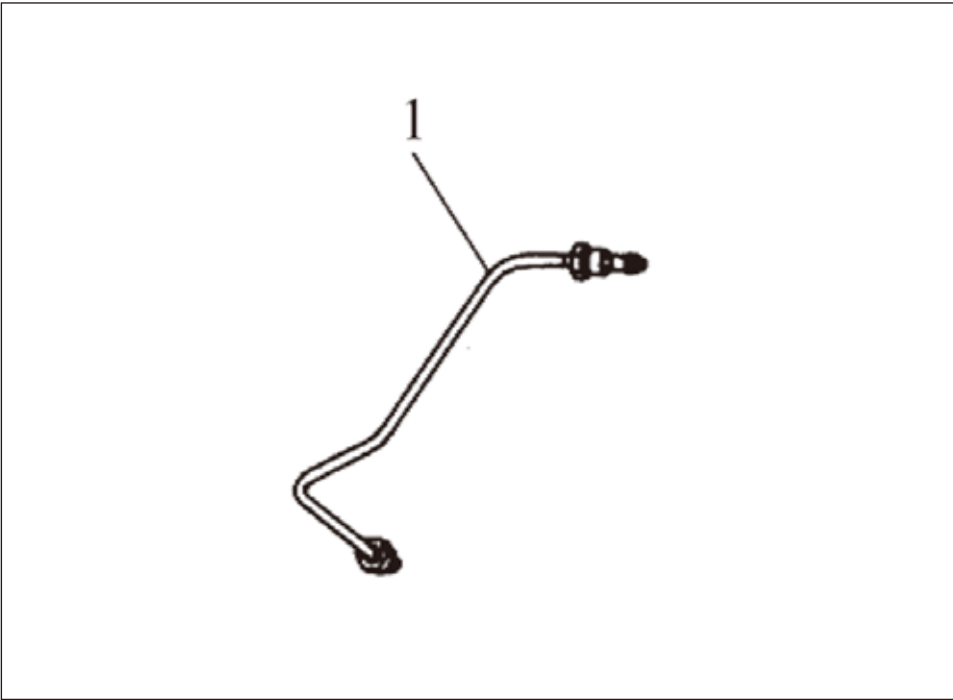
D500-N2



D500-N2



D500-N7



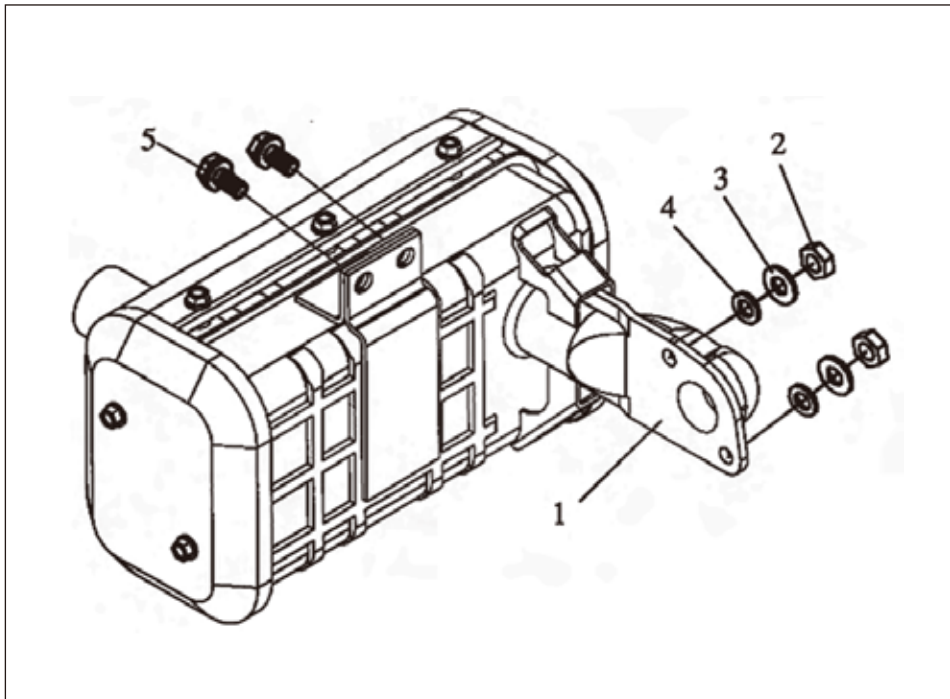
POS	REF	DESCRIPTION	配件	QTY
1	D500-O1	High-pressure tube (open frame type)	单机高压油管	1
1-1	D500-O1-1	High-pressure tube (soundproof type)	静音高压油管	1



D500-O1

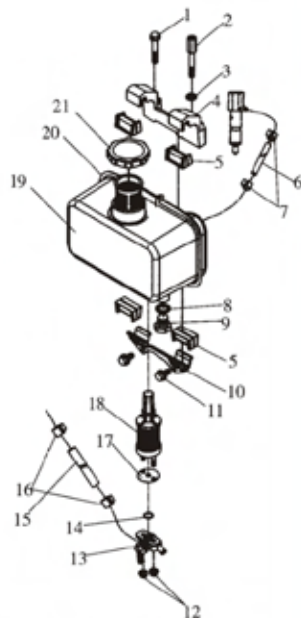


D500-O1-1



D500-P1

POS	REF	DESCRIPTION	配件	QTY
1	D500-P1	Muffler(Engine type with protection cover)	消声器 (单机带罩)	1
2	D500-P2	Nut M8	螺母 M8	2
3	D500-P3	Spring washer M8	弹垫 $\Phi 8$	2
4	D500-P4	Flat washer M8	平垫 $\Phi 8$	2
5	D500-P5	Flange bolt M8×16	法兰螺栓 M8 × 16	2



POS	REF	DESCRIPTION	配件	QTY
1	D500-Q1	Bolt M8x45	法兰螺栓 M8x45	1
2	D500-Q2	Set bolt of fuel tank upper support	油箱上支架紧固螺栓	1
3	D500-Q3	Gasket 8	Φ8平垫	1
4	D500-Q4	Fuel tank upper support	油箱上支架	1
5	D500-Q5	Cushion	油箱减震垫	4
6	D500-Q6	Fuel return pipe	回油管	1
7	D500-Q7	Fuel return pipe clip	回油管卡箍	2
8	D500-Q8	Drain bolt washer	放油螺栓垫片	1
9	D500-Q9	Bolt M12*1.25*14	放油螺栓	1
10	D500-Q10	Fuel tank lower support	油箱下支架	1
11	D500-Q11	Nut M6*14	M6*14法兰螺栓	2
12	D500-Q12	Nut M6	M6法兰螺母	2
13	D500-Q13	Fuel tank switch assem.	油箱开关 (反)	1
14	D500-Q14	O-Ring	油箱开关垫片	1
15	D500-Q15	Fuel pipe	输油管	1
16	D500-Q16	Clip	输油管卡箍	2
17	D500-Q17	Fuel filter washer	柴油滤垫片	1
18	D500-Q18	Element assem.	柴油滤	1
19	D500-Q19	Fuel tank weldment assem.	小油箱	1
20	D500-Q20	Fuel filler screen	加油滤网	1
21	D500-Q21	Fuel tank cap	油箱盖	1



D500-Q13



D500-Q18

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Air Cooled Diesel Engine

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