

YC6B125-T21 (BB6G3) 柴油机

零件图册

Parts Catalog of YC6B125-T21 (BB6G3) Diesel Engine

广西玉柴机器股份有限公司

Guangxi Yuchai Machinery Co., Ltd.

2016 年 2 月

February, 2016

前 言 Preface

感谢您选用广西玉柴机器股份有限公司的产品，并感谢您阅读《YC6B125-T21(BB6G3)柴油机零件图册》！

Thank you for choosing products of Yuchai and reading Parts Catalog of YC6B125-T21(BB6G3)

玉柴的服务宗旨是：“倾我所有、尽我所能、竭诚用户、诚信天下”，为了更好地履行玉柴的服务宗旨，我们编印了《YC6B125-T21(BB6G3)柴油机零件图册》，希望本图册可以让用户更好地了解玉柴产品的结构与配置，方便用户使用、维修和购置零配件时作参考。

The service principles of Yuchai are to try our best to serve you, and serve you wholeheartedly and faithfully. In order to carry out them better, we edit and print Parts Catalog of YC6B125-T21(BB6G3). We hope this catalog can let users know our products' construct and configuration, easily use, maintain and purchase parts.

本零件图册是根据 2016 年 2 月相关生产图样、资料编制而成的。图册中列出了 YC6B125-T21(BB6G3)柴油机的全部零部件目录。

This catalog is based on the product's drawing and data made in February 2016. All parts of YC6B125-T21(BB6G3) are listed in this catalog.

随着产品的不断改进提高和用户不断提出新的要求，《YC6B125-T21(BB6G3)柴油机零件图册》中的有关内容将会有不同程度的变更，玉柴保留在不预先通知的情况下进行修改的权利，具体配置情况应以当时产品技术文件为依据。

With the product improvement and users' requirements, part of content will change to some extent. Yuchai keeps the right of modifications which are not informed in advance. The detail configuration should accord to the product technical documents of the day.

本零件图册编写不足之处在所难免，敬请多多指教，使之渐臻完善。谢谢！

Parts Catalog of YC6B125-T21(BB6G3) is planned by Yuchai machinery Co.Ltd. If there is any mistake in it, please point out and make it better. Thank you!

Notice: EWP=Easy wear part

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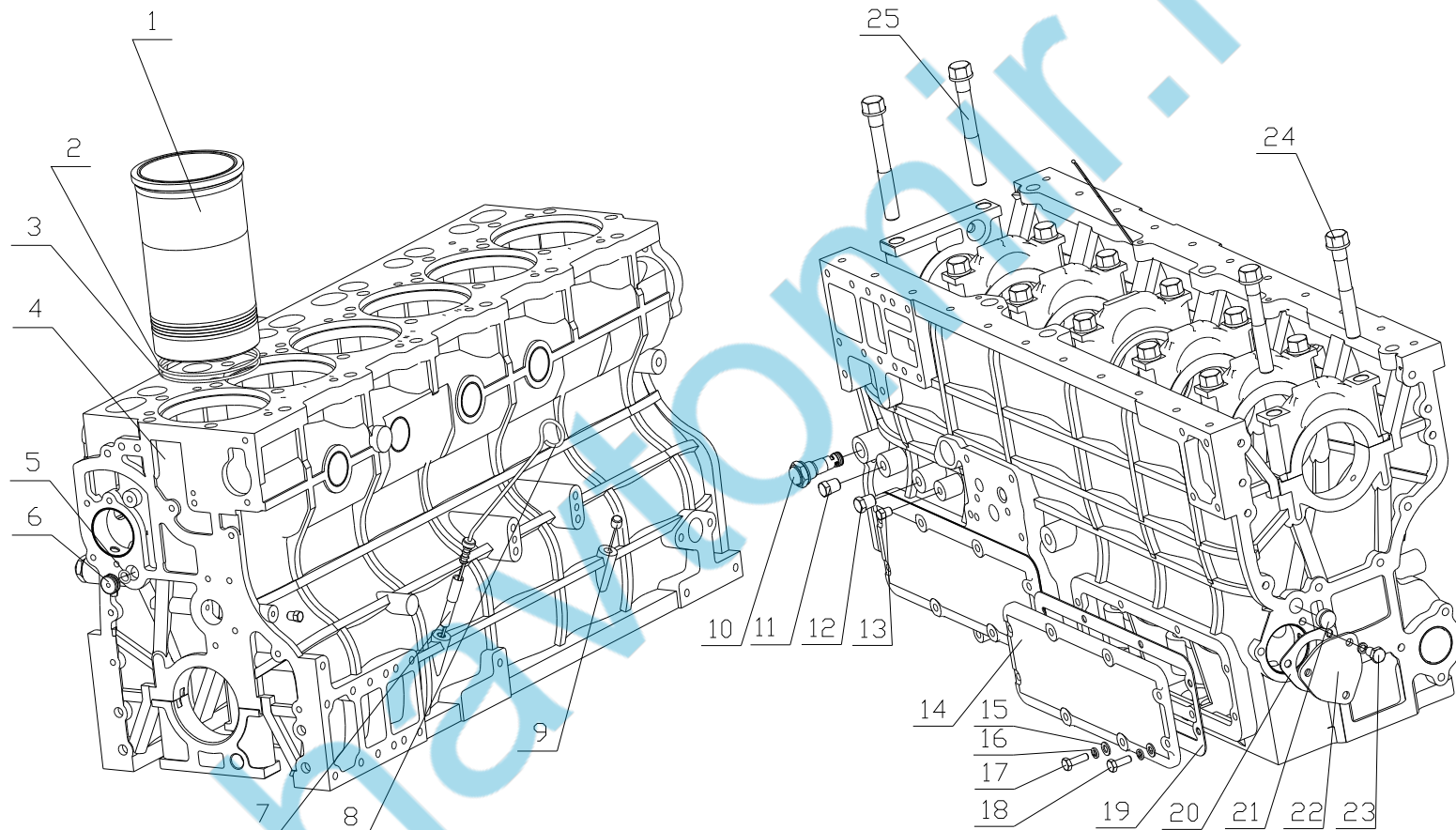
序号 No.	图号 Part No.	名 称	Part Name	页数 Page	备注 Remark
1	BB0GA-1002000/01	气缸体总成	Cylinder Block Assembly		
2	B7615-1002200/18	齿轮室部件	Gear Housing Part		
3	B7605-1003000/09	气缸盖及气缸盖罩总成	Cylinder Head& Cylinder Head Cover Assembly		
4	340-1004000/02	活塞连杆总成	Piston Connecting Rod Assembly		
5	1640H-1005000/15	曲轴减振器总成	Crankshaft Flywheel Assembly		
6	630-1006000A/02	凸轮轴总成	Camshaft Assembly		
7	330-1007000/08	配气机构总成	Valve Tappet Assembly		
8	311-1008100/07 & BB6G3-1008500/01	进气管部件 &进气接管部件	Intake Pipe& Intake Connecting Pipe Part		
9	BB6G3-1008200/01	排气管总成	Exhaust Pipe Assembly		
10	1640H-1009000/08	油底壳总成	Oil Sump Assembly		
11	1640H-1010000/08	机油集滤器总成	Oil Collector Assembly		
12	B3000-1011000/06	机油泵总成	Oil Pump Assembly		
13	1640H-1012000/06	机油滤清器总成	Oil Strainer Assembly		
14	1640H-1013000/17	机油冷却器总成	Oil Radiator Assembly		
15	311-1014000/05	呼吸器部件	Breather Part		
16	B7615-1104000/10	供给系管路总成	Fuel Pipeline Assembly		
17	B7735-1105000/06	柴油滤清器总成	Fuel Filter Assembly		
18	B7663-1109000/06	空滤器总成	Air Filter Assembly		
19	B7606-1111000/08	喷油泵总成	Injection Pump Parts		
20	J3400-1112000/04	喷油器总成	Injector Assembly		
21	1640H-1201000/07	消声器总成	Muffler Assembly		
22	1640H-1303000/13	散热器水管及软管总成	Water Outlet Pipe Assembly		
23	6105QA-1305000/08	放水开关总成	Water Drain Valve Assembly		

24	340-1306000/03	调温器总成	Thermostat Assembly		
25	1640H-1307000/06	水泵总成	Water Pump Subassembly		
26	310-1308000/05	风扇部件	Fan Part		
27	1640H-1600000/03	飞轮壳总成	Flywheel Housing Assembly		
28	340-3509000/12	气制动空气压缩机总成	Pneumatic Air Compressor Assembly		
29	B8601-3701000/02	充电机总成	Charger Assembly		
30	340-3708000/10	起动机总成	Starter Assembly		
31	BB600-3904000/01	铭牌	Data Plate		

EWP=Easy wear part (易损件)

图 Drawing

1、 BB0GA-1002000/01 气缸体总成 Cylinder Block Assembly



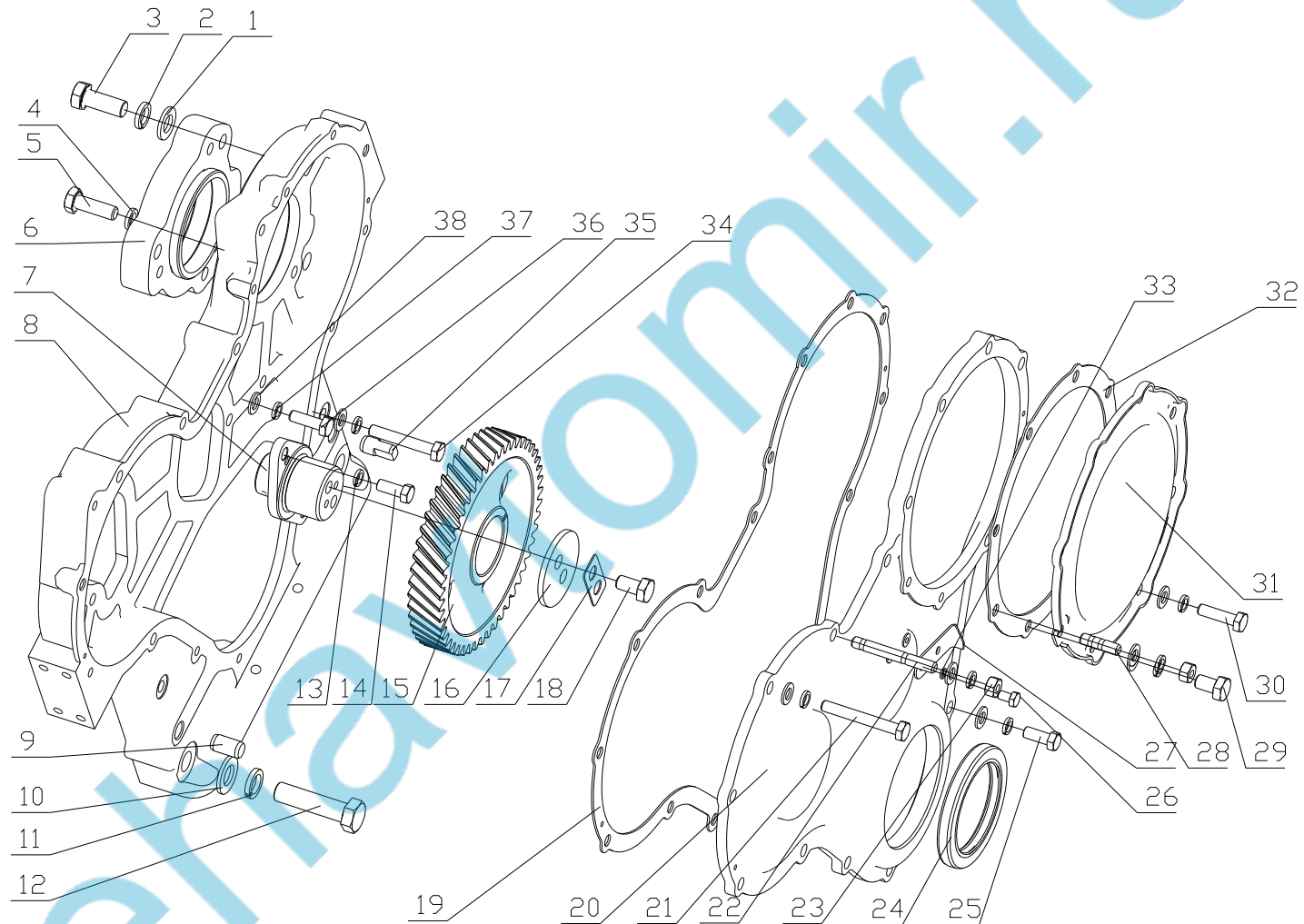
1. B7615-1002000/03 气缸体总成 Cylinder Block Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	330-1002064B	气缸套	Cylinder liner	6	易损件 EWP
2	A3000-1002063	气缸套封水圈	Cylinder liner water seal	6	易损件 EWP
3	A3000-1002063B	气缸套封水圈	Cylinder liner water seal	6	易损件 EWP
4	330-1002114	气缸体	Cylinder block	1	
	330-1002114*	气缸体组件	Cylinder block subassembly	1	
5	YC208-B01600F	O 形圈 2.65×16	O-ring	1	
6	6105Q-1002067	主油道密封塞	Main oil passage sealing plug	1	
7	6105Q-1002081A	油标尺套管	Oil dipstick sleeve	1	
8	1640H-1028140	油标尺构件	Oil dipstick part	1	
9	B0100-1002104	铝堵 $\phi 10 \times 10$	Aluminum blockage	1	
10	330-1002150	调压阀总成	Pressure regulator assembly	1	
11	Q618B02	螺塞 NPT1/4	Screw plug	2	
12	Q618B01	螺塞 NPT1/8	Screw plug	2	
13	330-1002065D	挺杆室盖	Tappet housing cover	2	
14	Q40108	垫圈 8	Washer 8	16	
15	Q40308	垫圈 8	Washer 8	19	
16	Q150B0825	螺栓 M8X25	Bolt M8X25	8	
17	Q150B0822	螺栓 M8X22	Bolt M8X22	8	
18	330-1002066C	挺杆室盖垫片	Tappet housing gasket	2	
19	J3200-1002062	凸轮轴端盖垫片	Crankshaft end cover washer	1	易损件 EWP
20	6105Q-1002110	后主油道堵塞	Rear main oil galley plug	1	
21	630-1002061	凸轮轴端盖	Camshaft end cover	1	
22	Q1840816	螺栓 M8×16	Bolt	3	
23	330-1002021B	主轴承螺栓	Main bearing bolt	12	
24	330-1002018B	前主轴承盖螺栓	Front main bearing cover bolt	2	

EWP=Easy wear part (易损件)

图 Drawing

2、 B7615-1002200/18 齿轮室部件 Gear Housing Part



2. B7615-1002200/18 齿轮室部件 Gear Housing Part

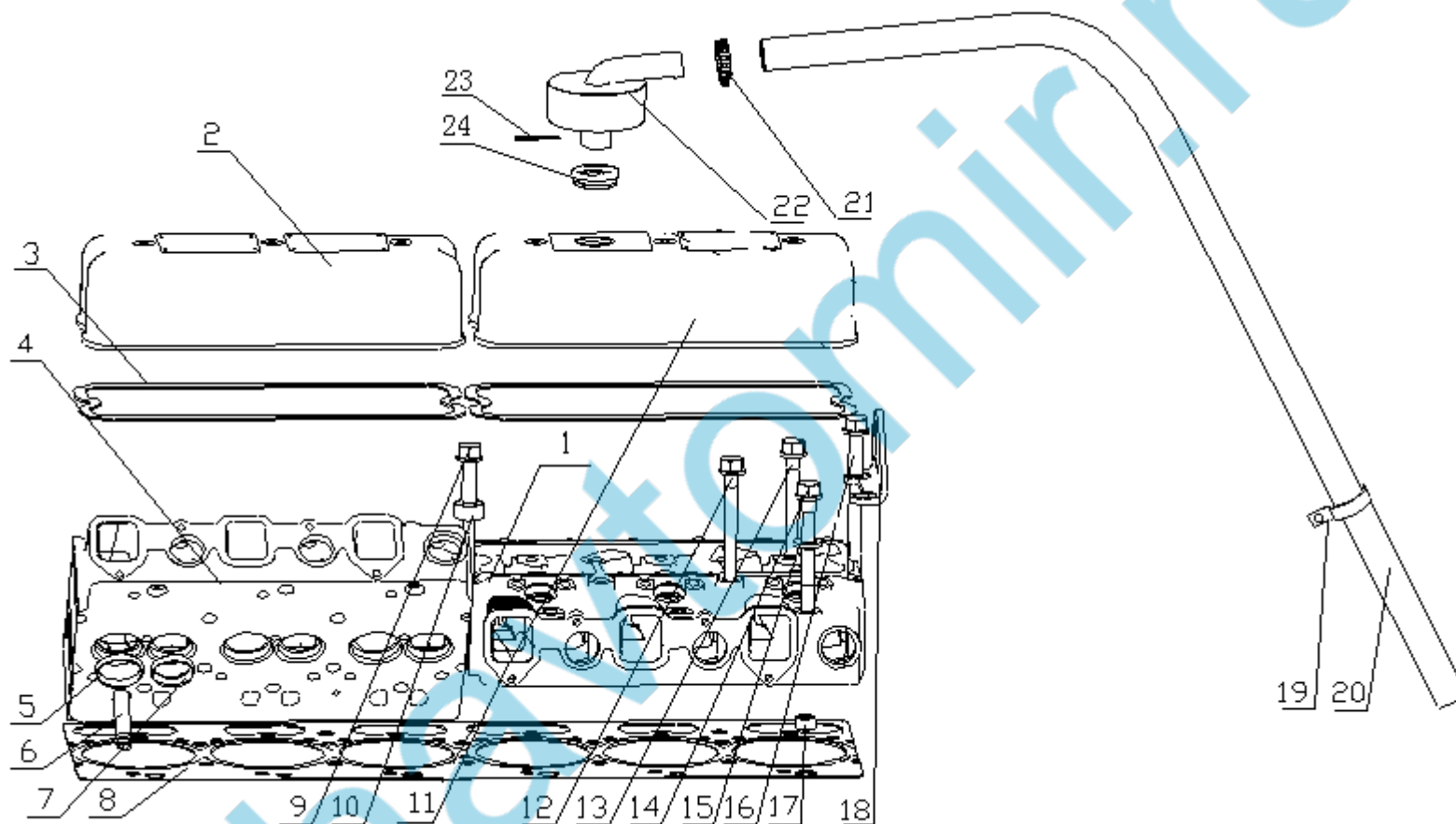
序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	Q40112	垫圈 12	Lock Washer 12	3	
2	Q40312	垫圈 12	Lock Washer 12	3	
3	Q1841230TF2	螺栓 M12X30	Bolt M12X30	3	
4	Q40310	垫圈 10	Washer 10	3	
5	Q1841230TF2	螺栓 M12X30	Bolt M12X30	3	
6	6105Q-1002037	空气压缩机支承板	Air compressor supporting board	1	
7	330-1002052B	惰齿轮轴	Idle gear shaft	1	
8	6QA6-1002201A	齿轮室	Gear housing	1	
9	YC24-B1222	销 12X22	Pin	1	
10	Q40114	垫圈 14	Washer 14	2	
11	Q40314	垫圈 14	Washer 14	2	
12	Q150B1455TF2	螺栓 M14X55	Bolt	2	
13	Q40308	垫圈 8	Washer 8	2	
14	Q/YC1820820TF2	螺栓 M8X20	Bolt M8X20	2	
15	330-1002051A	正时惰齿轮	Timing idle gear	1	
16	330-1002054	正时惰齿轮挡板	Timing idle gear baffle board	1	
17	330-1002055	惰齿轮锁片	Idle gear locking plate	1	
18	Q/YC1821018TF2	螺栓 M10X18	Bolt	2	
19	6QA6-1002204A	齿轮室盖板垫片	Gear housing cover plate gasket	1	
20	6QA6-1002203	齿轮室盖板	Gear housing cover plate	1	
21	Q150B0860	螺栓 M8X60	Bolt M8X60	1	
22	Q1200860	螺柱 M8X60	Stud	3	
23	Q340B08	螺母 M8	Nut M8	4	
24	YC209-065090FR	油封 65X90	Oil seal	1	选装 optional
	YC209-C065090PR	油封 65X90	Oil seal	1	选装 optional
25	Q/YC1820820	螺栓 M8X20	Bolt M8X20	5	

26	Q150B0510	螺栓 M5X10	Bolt	2	
27	6105Q-1002039	上止点指针	TDC pointer	1	
28	Q1200816	螺柱 M8X16	Stud	1	
29	Q150B0816	螺栓 M8X16	Bolt M8X16	1	
30	Q150B0830	螺栓 M8X30	Bolt	6	
31	630-1002035A	喷油泵齿轮盖	Injection pump gear cover	1	
32	J3200-1002206A	喷油泵齿轮盖垫片	Injection pump gear cover gasket	1	
33	Q40305	垫圈 5	Washer 5	2	
34	Q150B0850	螺栓 M8X50	Bolt	2	
35	6105Q-1600011	扁销	Flat pin	1	
36	Q150B0825TF2	螺栓 M8X25	Bolt M8X25	6	
37	Q40308	垫圈 8	Washer 8	22	
38	Q40108	垫圈 8	Washer 8	25	

EWP=Easy wear part (易损件)

图 Drawing

3、 B7605-1003000/09 气缸盖及气缸盖罩总成 Cylinder Head& Cylinder Head Cover Assembly



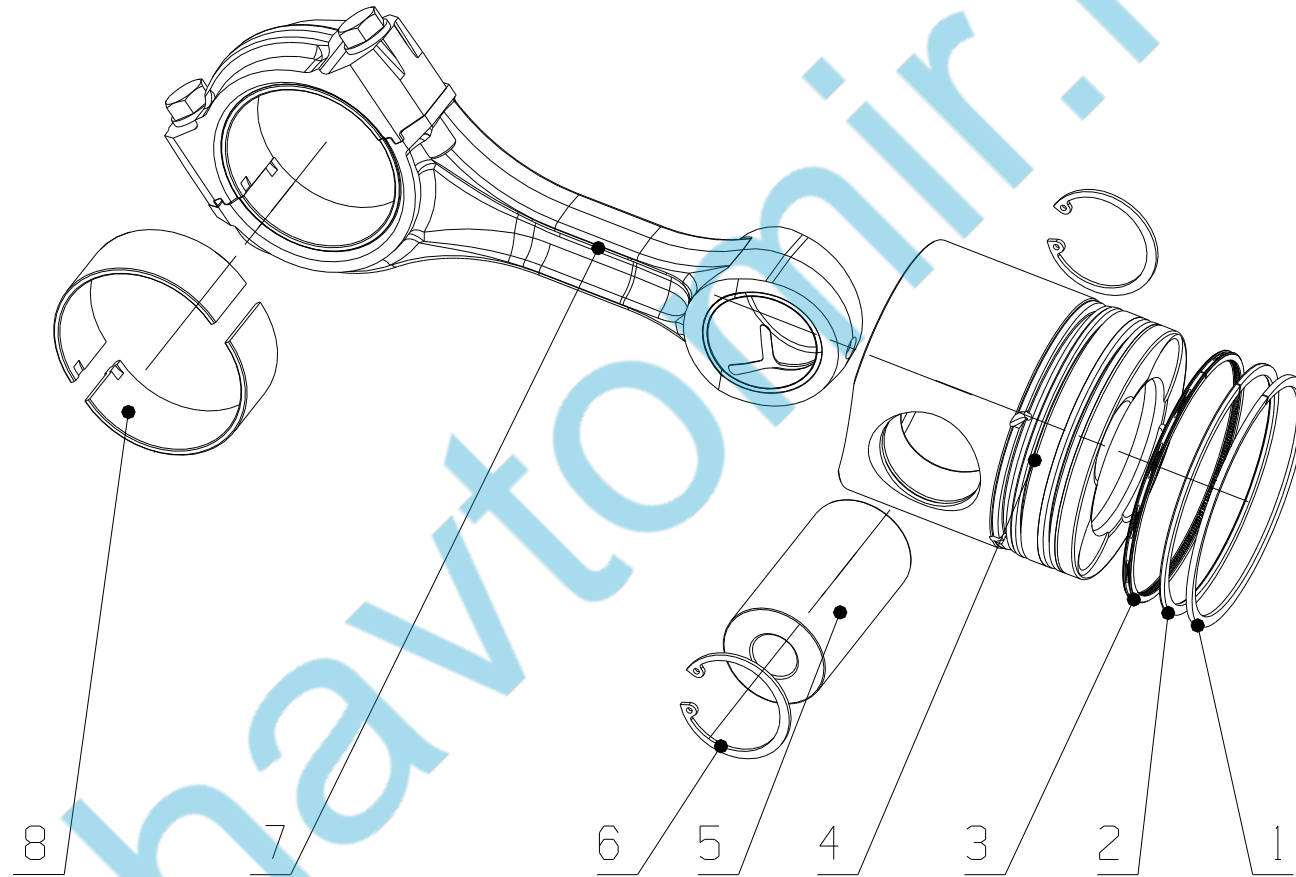
3. B7605-1003000/09 气缸盖及气缸盖罩总成 Cylinder Head& Cylinder Head Cover Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	330-1003190BS4	后气缸盖组件	Rear Cylinder head subassembly	1	
2	338-1003021A	前气缸盖罩	Front cylinder head cover	1	
3	J3200-1003022	缸盖罩垫片	Cylinder head cover gasket	2	
4	330-1003180BS4	前气缸盖组件	Front Cylinder head subassembly	1	
5	330-1007019C	进气门座	Intake valve seat	6	
6	430-1007018	气门导管	Valve guide pipe	12	
7	330-1007021	排气门座	Exhaust valve seat	6	
8	B3000-1003001ASF3-386	气缸盖垫片	Cylinder head gasket	1	
9	J2000-1003019	气缸盖长螺栓	Cylinder head long bolt	2	
10	A3100-1003037	垫圈（二）	Washer	2	
11	630-1003051B	气缸盖罩（II）	Cylinder head cover	1	
12	J2000-1003003	气缸盖螺栓	Cylinder head bolt	8	
13	J2000-1003018	气缸盖短螺栓	Cylinder head short bolt	6	
14	J2000-1003014	缸盖短螺栓（II）	Cylinder head short bolt	6	
15	6105QA-1003017D	垫圈	Washer	6	
16	J2000-1003002	气缸盖长螺栓（I）	Cylinder head long bolt	4	
17	6105QA-1003088	气缸盖定位销套	Cylinder head dowel pin sleeve	4	
18	B75J0-1002141	吊耳	Lifter	2	
19	340-1013007	机油管夹	Oil pipe clip	1	
20	B7605-1003048A	通气软管	Ventilation hose	1	
21	Q67638	环箍 38	Loop hoop 38	1	
22	D0300-1003260	上呼吸器组件	Upper breather subassembly	1	
23	Q5002040	销 2X40	Pin	1	
24	330-1003053	密封圈	Sealing ring	1	

EWP=Easy wear part （易损件）

图 Drawing

4、 340-1004000/03 活塞连杆总成 Piston Connecting Rod Assembly



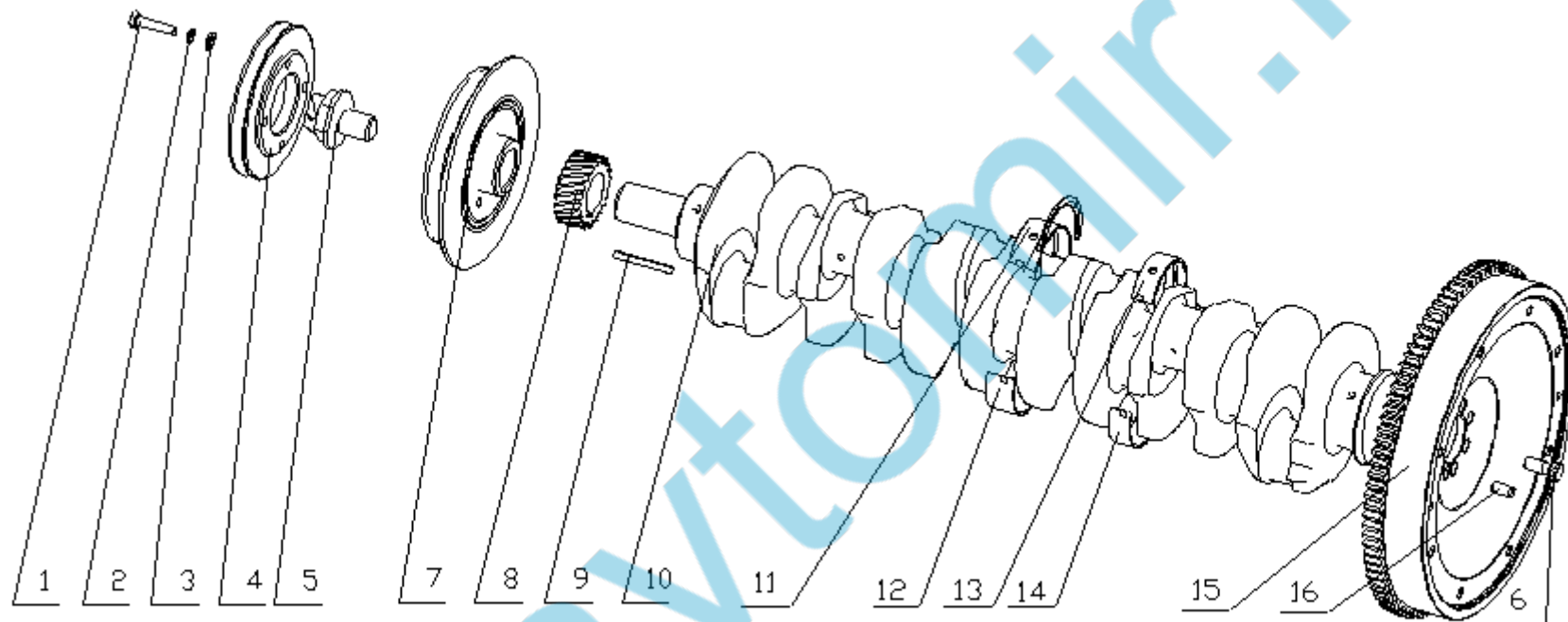
4. 340-1004000/03 活塞连杆总成 Piston Connecting Rod Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	B3000-1004002	第一道气环	First air ring	6	
2	B3000-1004017	第二道气环	Second air ring	6	
3	B3000-1004100	油环总成	Oil ring assembly	6	
	B3000-1004016*	活塞环组件	Piston ring subassembly	1	
4	340-1004001	活塞	Piston	6	
5	6105Q-1004019B	活塞销	Piston pin	6	
6	Q43038	挡圈 38	Retaining ring	12	
7	6105QA-1004050D	连杆总成	Connecting rod assembly	6	
8	330-1004022	连杆轴瓦	Connecting rod bearing shell	12	
	330-1004022-H	连杆轴瓦组件(红)	Connecting rod bearing shell subassembly (red)	1	
	330-1004022-L	连杆轴瓦组件(蓝)	Connecting rod bearing shell subassembly (blue)	1	

EWP=Easy wear part (易损件)

图 Drawing

5、 1640H-1005000/15 曲轴飞轮总成 Crankshaft& Flywheel Assembly



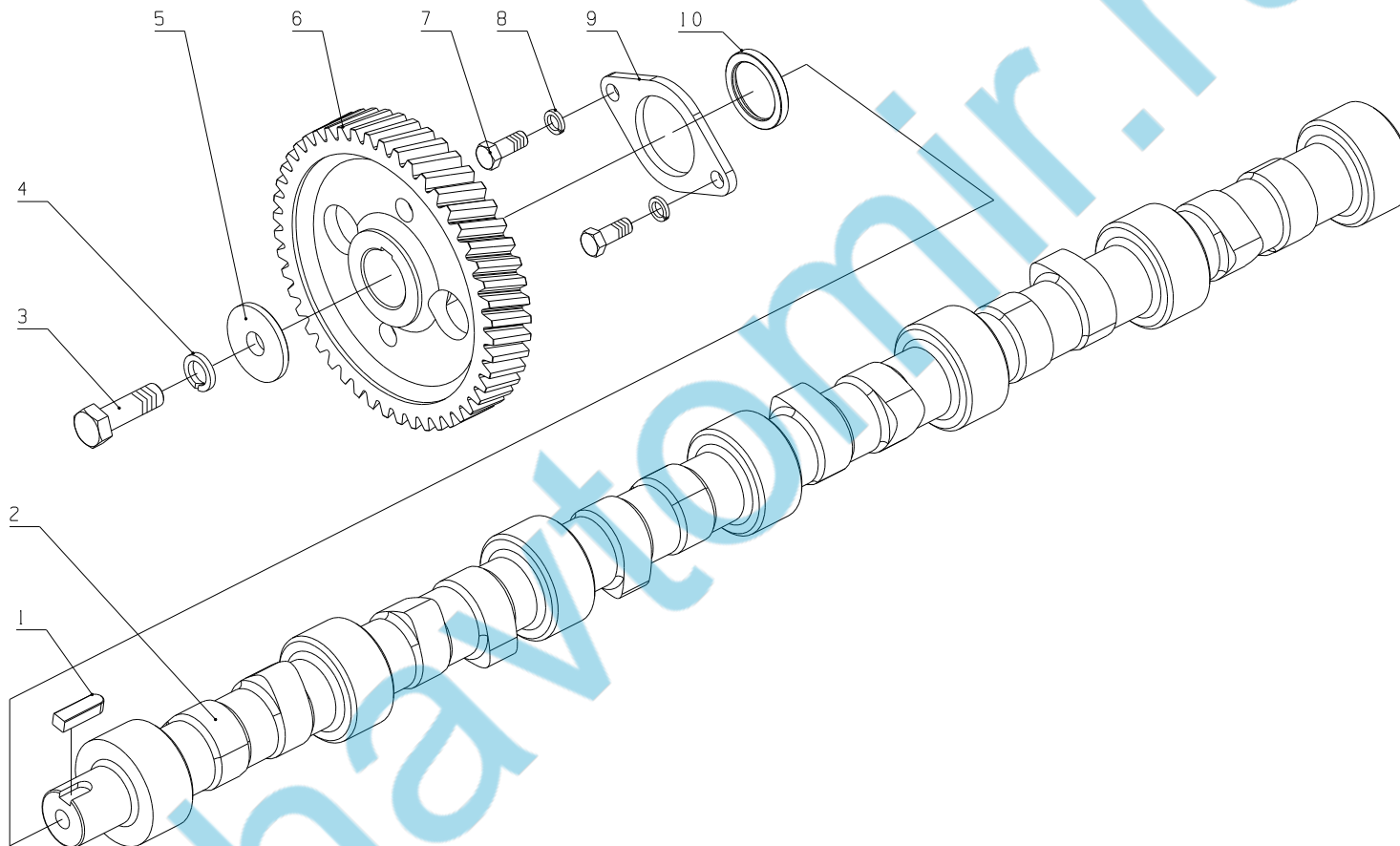
5. 1640H-1005000/15 曲轴飞轮总成 Crankshaft& Flywheel Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	637-1005052	螺栓	Bolt	4	
2	Q40310	垫圈 10	Washer 10	4	
3	Q40110	垫圈 10	Washer 10	4	
4	640-1005031B	曲轴-冷却器皮带轮	Crankshaft-cooler belt pulley	1	
5	6105QA-1005052	起动爪	Starting dog	1	
6	6QA1-1005044A	飞轮螺栓	Flywheel bolt	7	
7	330-1005030B	皮带轮减振器总成	Belt pulley vibration damper assembly	1	
8	6105Q-1005021	曲轴正时齿轮	Crankshaft timing gear	1	
9	Q5511270	键 12X70	Key	1	
10	B3000-1005001	曲轴	Crankshaft	1	选装 Optional
	B7800-1005001	曲轴	Crankshaft	1	选装 Optional
	6105Q-1005054C*-H	曲轴轴瓦组件(红)	Crankshaft bearing shell subassembly (red)	1	
	6105Q-1005054C*-L	曲轴轴瓦组件(蓝)	Crankshaft bearing shell subassembly (blue)	1	
11	J6000-1005003	上轴瓦 (宽)	Upper bearing shell(wide)	1	
12	6105Q-1005058A	曲轴止推片	Crankshaft thrusting piece	4	
13	J6000-1005004	下轴瓦 (宽)	Lower bearing shell (wide)	1	
14	6105Q-1005054A	上轴瓦 (窄)	Upper bearing shell(narrow)	6	
15	6105Q-1005055C	下轴瓦 (窄)	Lower bearing shell(narrow)	6	
16	B9D00-1005360	飞轮及齿圈组件	Flywheel & gear ring subassembly	1	
17	YC24-B1226	圆柱销 12X26	Straight pin	1	

EWP=Easy wear part (易损件)

图 Drawing

6、 630-1006000A/02 凸轮轴总成 Camshaft Assembly



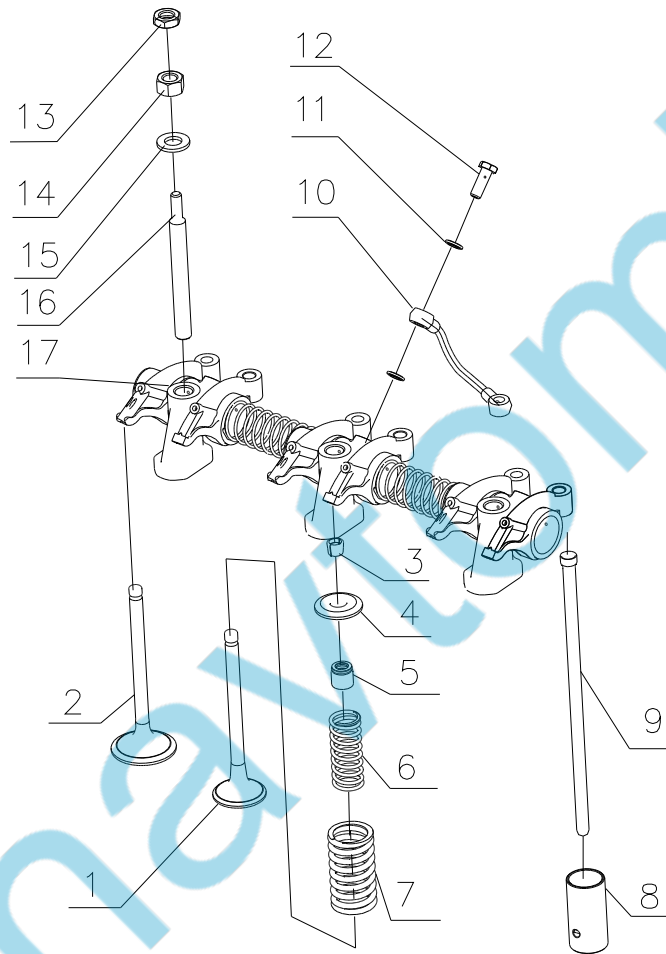
6. 630-1006000A/02 凸轮轴总成 Camshaft Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	GB/T1096-C0828	键 C8×28	Key C8×28	1	易损件 EWP
2	630-1006015A	凸轮轴	Camshaft	1	
3	Q150B1238TF2	螺栓 M12×38	Bolt M12×38	1	
4	Q40312	垫圈 12	Washer 12	1	
5	630-1006019	垫圈	Washer	1	
6	6105Q-1006021	凸轮轴正时齿轮	Camshaft timing gear	1	
7	Q/YC1820820TF2	螺栓 M8×20	Bolt M8×20	2	
8	Q40308	垫圈 8	Washer 8	2	
9	6105Q-1006016	凸轮轴止推片	Camshaft thrust plate	1	
10	6105Q-1006017	隔圈—凸轮轴正时齿轮	Spacer-camshaft timing gear	1	

EWP=Easy wear part (易损件)

图 Drawing

7、 330-1007000/08 气门挺杆总成 Valve Tappet Assembly



7. 330-1007000/08 气门挺杆总成 Valve Tappet Assembly

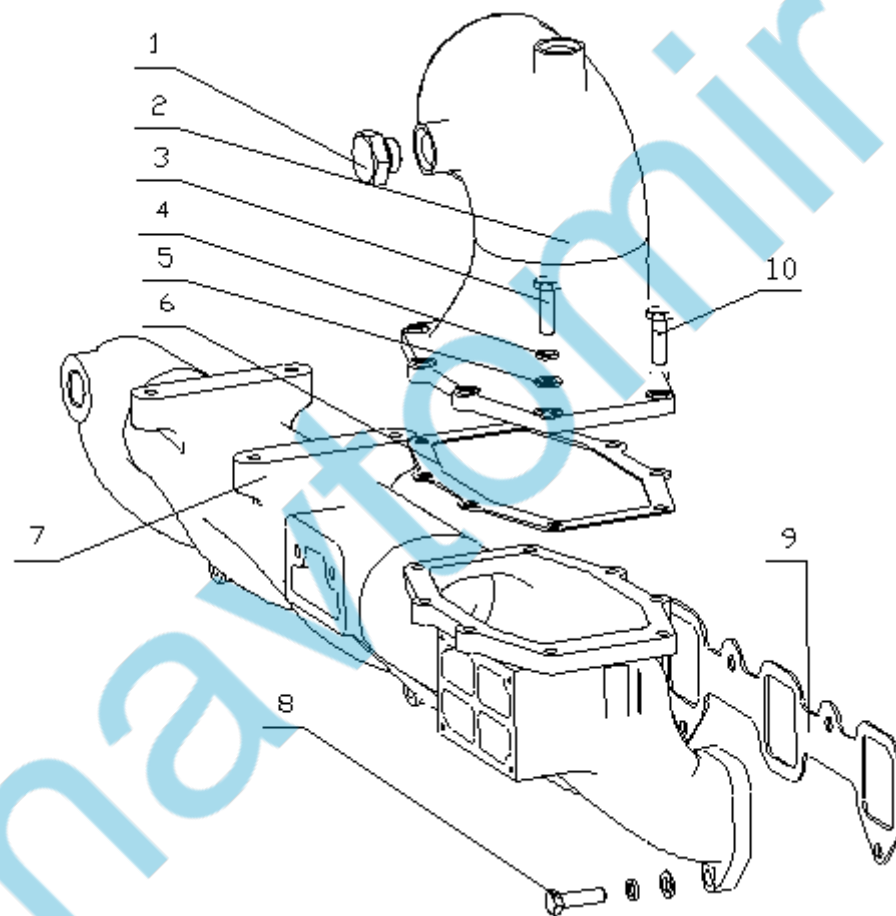
序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	D30-1003103B	排气门	Exhaust valve	6	
2	330-1007011D	进气门	Intake valve	6	
3	150-1007021E	气门锁夹	Valve stem locks	24	
4	D30-1003116	气门弹簧上座	Valve spring upper seat	12	
5	M6600-1003105	气门杆油封	Valve stem seal	12	
6	6105Q-1007023	气门内弹簧	Valve inner spring	12	
7	6105Q-1007022	气门外弹簧	Valve outer spring	12	
8	6105Q-1007091A	挺杆	Tappet rod	12	
9	6105QA-1007081B	推杆	Push rod	12	
10	A3000-1007074	通油管焊接件	Oil pipe weldment part	2	
11	Q/YC149-8	复合式密封垫圈 8	Compound seal washer 8	8	
12	6105Q-1007073	接头螺栓	Joint bolt	4	
13	Q350B12	螺母 M12	Nut M12	6	
14	Q340B12	螺母 M12	Nut M12	6	
15	A30-1007092	垫圈	Washer	6	
16	6105QA-1007035A	摇臂轴座固定螺柱	Rocker-arm support stud	6	
17	J3100-1007100B	摇臂轴部件	Rocker arm shaft part	2	

EWP=Easy wear part (易损件)

图 Drawing

8、 311-1008100/07 & B7615-1008500/07 进气管部件 & 进气接管部件

Intake Pipe & Intake Connecting Pipe Part



8. 311-1008100/07 & B7615-1008500/07 进气管部件 & 进气接管部件

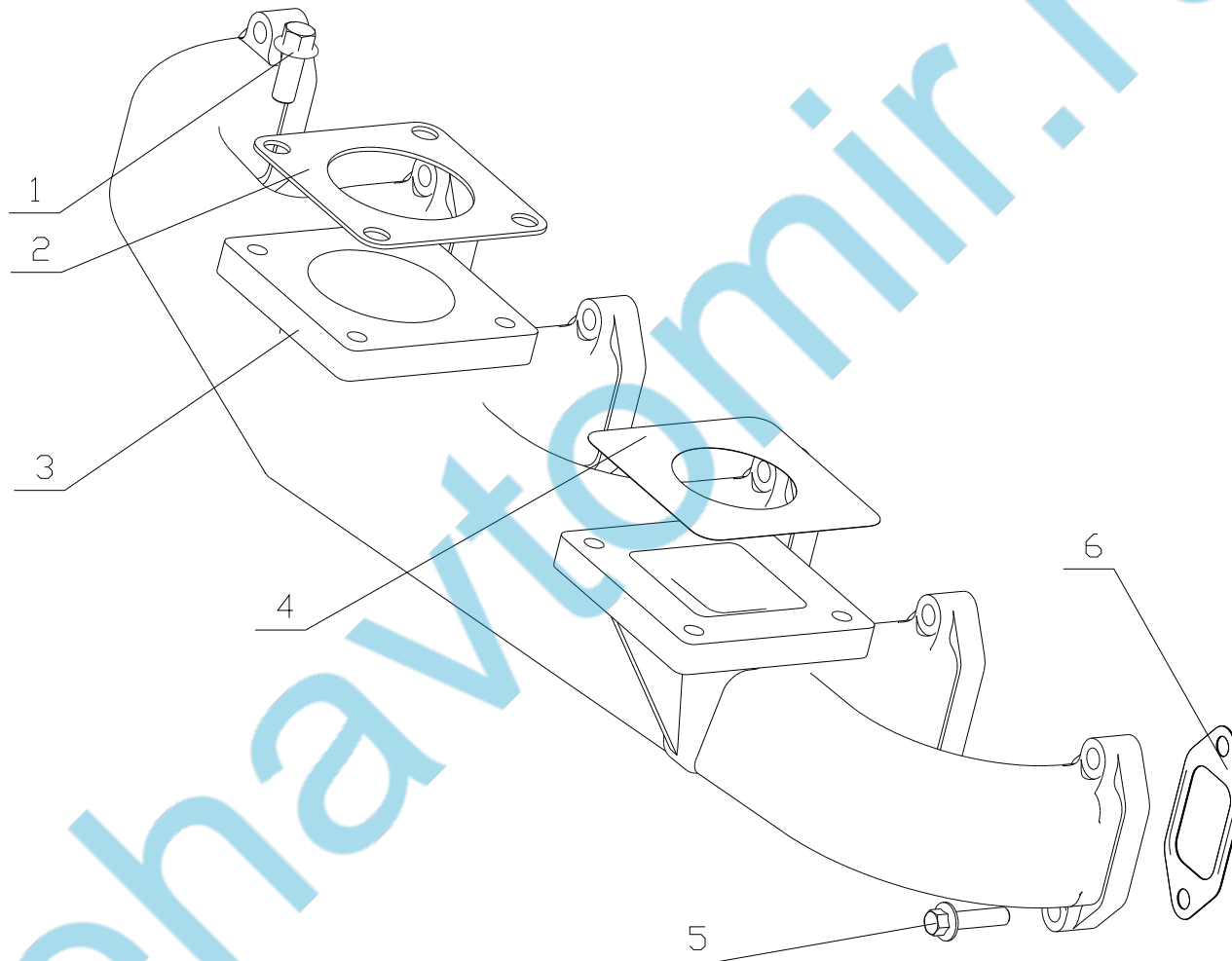
Intake Pipe & Intake Connecting Pipe Part

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	Q/YC198-20	螺塞 M20X1.5	Screw plug	2	
2	B7615-1008102A	进气接管	Intake connecting pipe	1	
3	Q150B0828	螺栓 M8X28	Bolt	6	
4	Q40308	垫圈 8	Washer 8	16	
5	Q40108	垫圈 8	Washer 8	16	
6	B7503-1008105	加热器垫片	Heater gasket	1	
7	640-1008101C	进气管	Air intake manifold	1	
8	Q150B08110TF2	螺栓 M8X110	Bolt	12	
	Q150B08120TF2	螺栓 M8X120	Bolt	6	
	6105Q-3509013	垫圈	Washer	18	
9	J5700-1008104B	垫片-进气管	Gasket-intake pipe	2	
10	Q150B0825	螺栓 M8X25	Bolt	2	

EWP=Easy wear part (易损件)

图 Drawing

9、 640-1008200/05 排气管部件 Exhaust Pipe Part



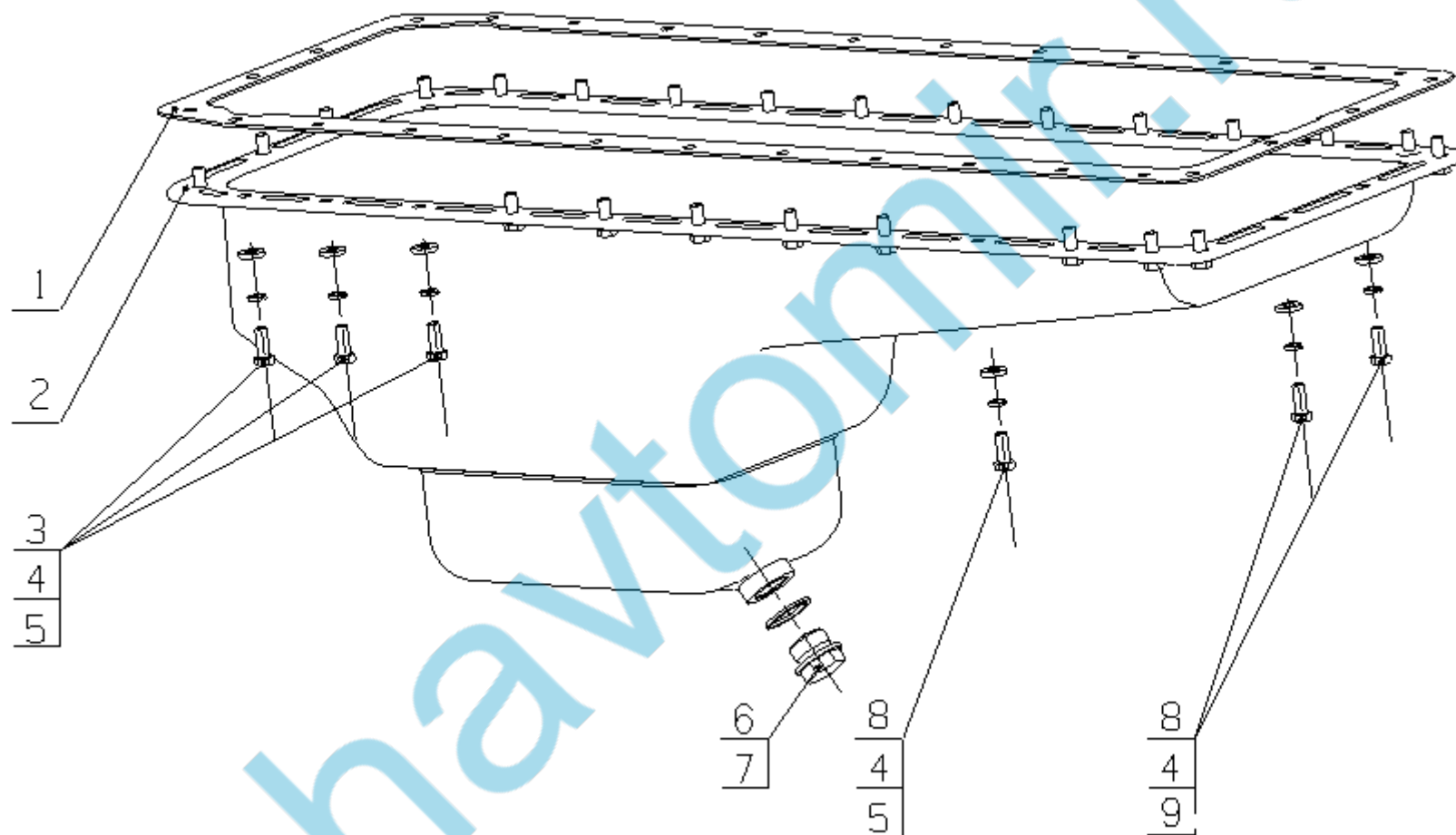
9. 640-1008200/05 排气管部件 Exhaust Pipe Part

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	Q1841025TF2	螺栓 M10X25	Bolt	8	
2	J8000-1201060	消声器垫片	Muffler gasket	1	
3	640-1008204	排气管	Exhaust manifold	1	
4	J8000-1201060	消声器垫片组件	Muffler gasket subassembly	1	
5	630-1008022A	排气管螺栓	Exhaust pipe bolt	12	
6	D2000-1008250B	排气管垫片	Exhaust pipe gasket	6	

EWP=Easy wear part (易损件)

图 Drawing

10、 1640H-1009000/08 油底壳总成 Oil Sump Assembly



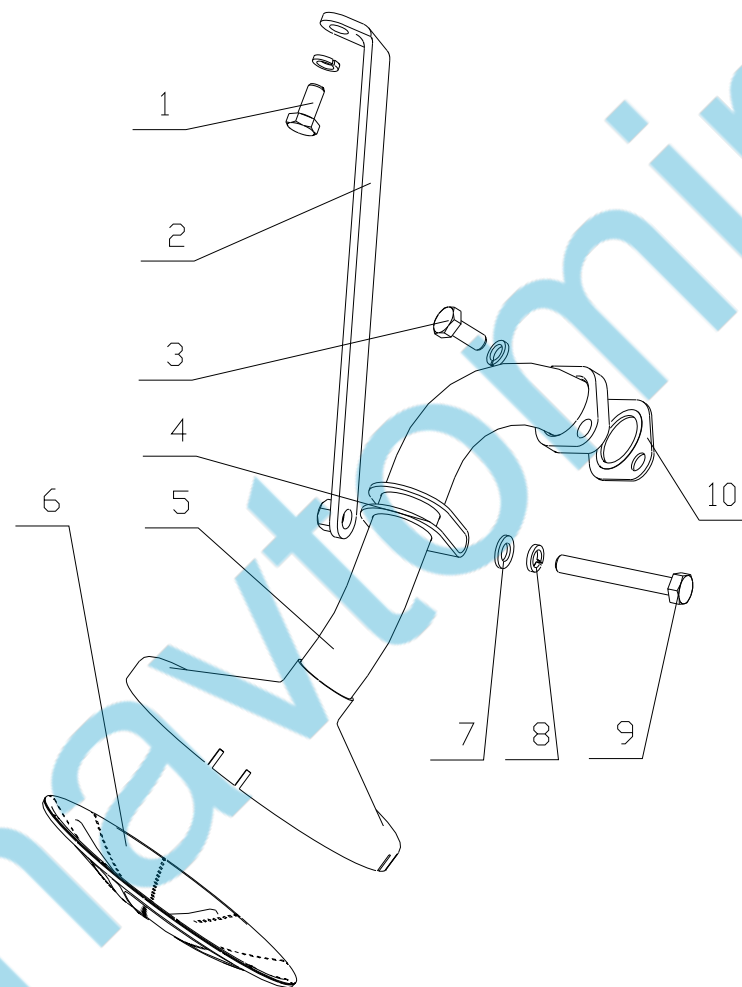
10. 1640H-1009000/08 油底壳总成 Oil Sump Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	B7304-1009001	油底壳垫片	Oil sump gasket	1	
2	1640H-1009020	油底壳焊接件	Oil sump welded part	1	
3	Q/YC1820816TF2	螺栓 M8X16	Bolt	6	
4	Q40308	垫圈 8	Washer 8	30	
5	6105Q-3509013	垫圈	Washer	28	
6	6105Q-1009030	放油塞总成	Oil release plug assembly	1	
7	Q/YC149-27	复合式密封垫圈 27	Compound seal washer	1	
8	Q/YC1820820TF2	螺栓 M8×20	Bolt M8×20	24	
9	D30-1009102A	垫圈	Washer	2	
	YC51-1701	加机油量标签	Label	1	

EWP=Easy wear part (易损件)

图 Drawing

11、 1640H-1010000/08 机油收集器总成 Oil Collector Assembly



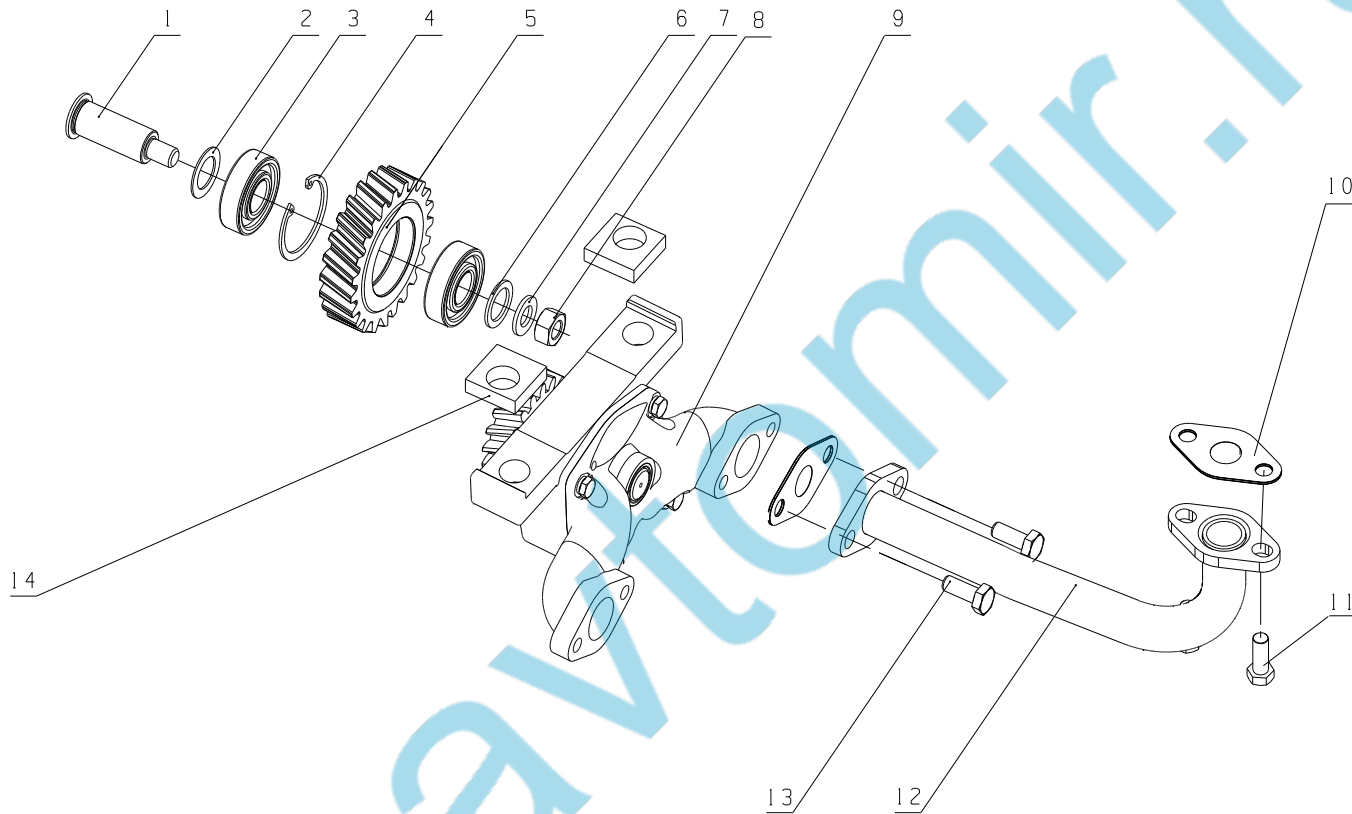
11. 1640H-1010000/08 机油收集器总成 Oil Collector Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	Q/YC1820816TF2	螺栓 M8X16	Bolt M8X16	1	
2	641-1010150	管夹支架焊接件	Pipe clip bracket weldment	1	
3	Q/YC1820820TF2	螺栓 M8X20	Bolt	2	
4	430-1010002	管夹	Pipe clamp	1	
5	1640H-1010100	吸油管焊接件	Oil suction pipe weldment	1	
6	6105QA-1010130B	滤网总成	Filter screen assembly	1	
7	Q40008	垫圈 8	Washer 8	1	
8	Q40308	垫圈 8	Washer 8	4	
9	Q150B0860TF2	螺栓 M8X60	Bolt M8X60	1	
10	B7503-1010150	垫片结合件	Gasket union part	1	

EWP=Easy wear part (易损件)

图 Drawing

12、 B3000-1011000/06 机油泵总成 Oil Pump Subassembly



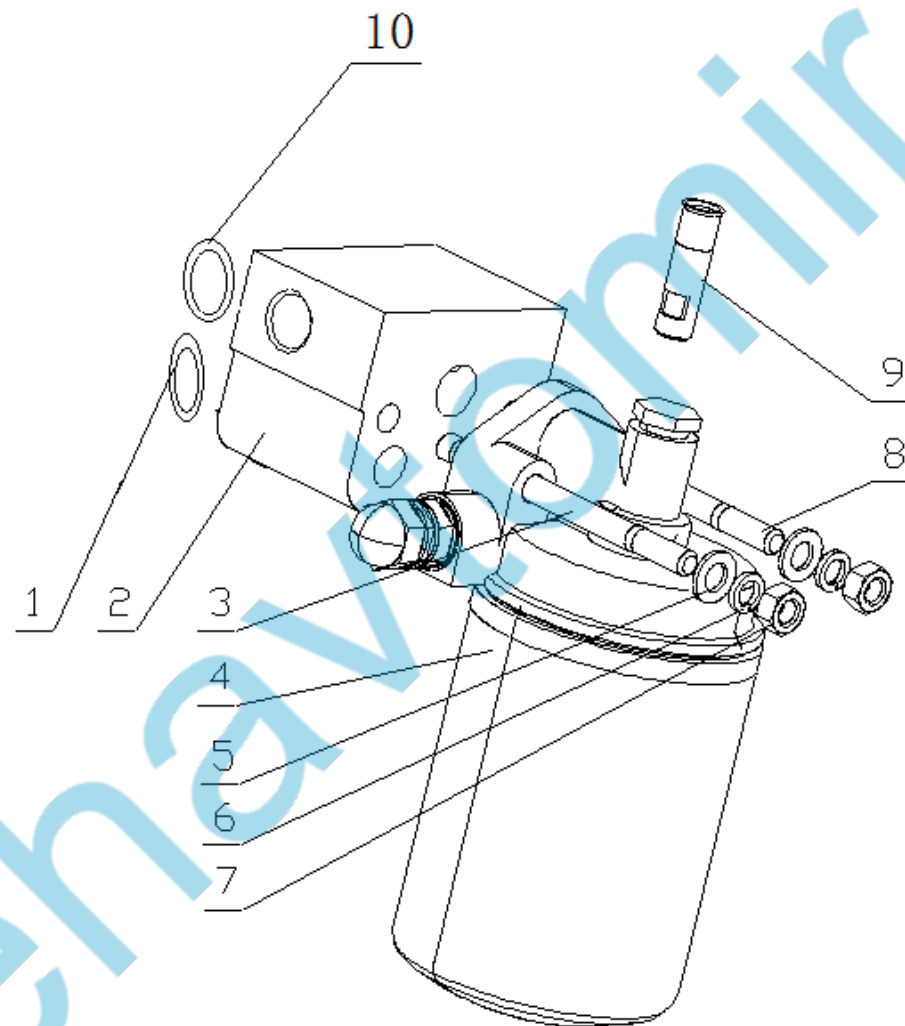
12. B3000-1011000/06 机油泵总成 Oil Pump Subassembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	430-1011013	机油泵中间齿轮轴	Oil pump driven gear shaft	1	
2	430-1011014	垫圈-中间齿轮	Washer-middle gear	1	易损件 EWP
3	GB/T276-6203	滚动轴承 6203	Rolling bearing 6203	2	
4	Q43040	挡圈 40	Retainer 40	1	易损件 EWP
5	430-1011011	机油泵中间齿轮	Oil pump middle gear	1	
6	430-1011012	间隔垫	Spacer	1	
7	Q40310	垫圈 10	Washer 10	1	
8	Q341B10	螺母 M10×1	Nut M10×1	1	
9	B3000-1011020A	机油泵部件	Oil pump body	1	
10	6105QA-1010150	垫片结合件	Gasket union part	2	易损件 EWP
11	Q1840822TF2	螺栓 M8×22	Bolt M8×22	2	
12	430-1011200	机油出油管总成	Oil outlet pipe assembly	1	
13	Q1840820TF2	螺栓 M8×20	Bolt M8×20	2	
14	6105Q-1011015A	机油泵调整垫片	Oil pump adjusting washer	适量 Proper amount	易损件 EWP

EWP=Easy wear part (易损件)

图 Drawing

13、 1640H-1012000/06 机油粗滤器总成 Oil Strainer Assembly



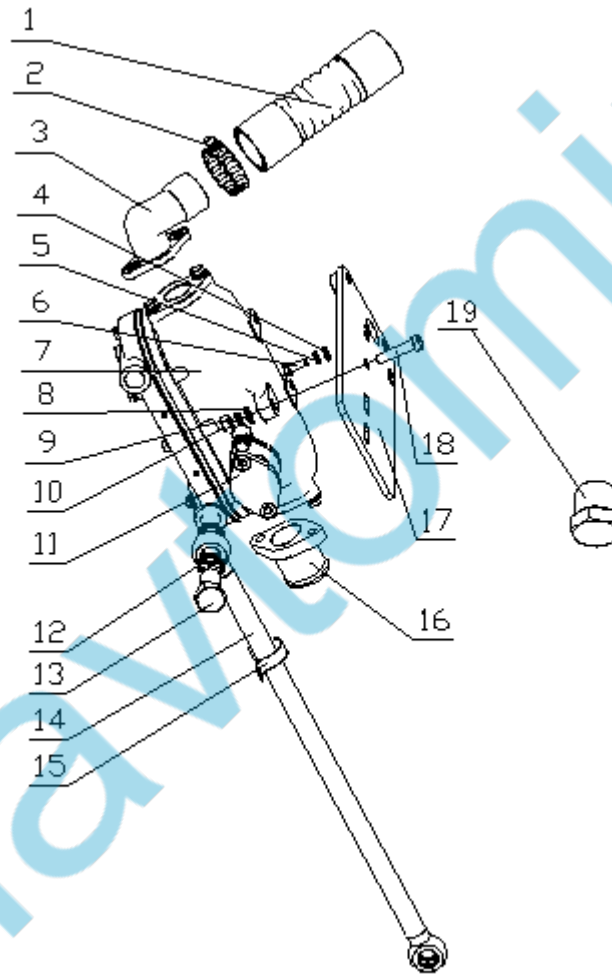
13. 1640H-1012000/06 机油粗滤器总成 Oil Strainer Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	YC208-B01900F	O 形圈 2.65X19	O ring	2	
2	644-1012001B	机油滤清器座	Oil filter seat	1	
3	Q12010120	螺柱 M10X120	Stud	1	
4	640-1012200B	机油滤清器部件	Oil filter part	1	
5	Q40110	垫圈 10	Washer 10	2	
6	Q40310	垫圈 10	Washer 10	2	
7	Q340B10	螺母 M10	Nut M10	2	
8	Q12010100	螺柱 M10X100	Stud	1	
9	6105Q-1012001	纸滤卸油导管	Paper filter oil drain pipe	1	
10	YC208-B02240F	O 形圈 2.65X22.4	O ring	1	

EWP=Easy wear part (易损件)

图 Drawing

14、 1640H-1013000/17 机油冷却器总成 Oil Radiator Assembly



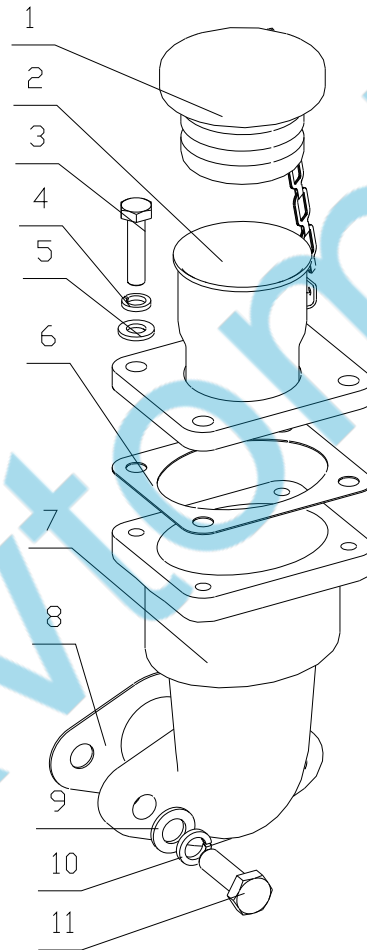
14. 1640H-1013000/17 机油冷却器总成 Oil Radiator Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	1640H-1013008B	输水螺纹胶管	Water delivery corrugated hose	1	
2	Q67658	环箍 58	Loop hoop	2	
3	404-1013001	出水弯管接头	Water outlet siphon joint	1	
4	6105Q-3509013	垫圈	Washer	4	
5	Q40308	垫圈 8	Washer 8	4	
6	Q150B0822	螺栓 M8X22	Bolt M8X22	4	
7	1640H-1013100A	机油冷却器	Oil cooler	1	
8	Q40110	垫圈 10	Washer 10	3	
9	Q40310	垫圈 10	Washer 10	3	
10	Q340B10	螺母 M10	Nut M10	3	
11	340-1013004C	堵盖	Plug cap	1	
12	Q/YC149-22	复合式密封垫圈 22	Compound seal washer	8	
13	644-1013003	铰接螺栓	Hinge bolt	4	
14	340-1013200A	出油管部件	Oil outlet pipe part	2	
15	340-1013007	机油管夹	Oil pipe clip	2	
16	340-1013003	水管接头	Water pipe joint	1	
17	J99G2-1013070A	冷却器连接板焊接件	Cooler connecting plate weldment	1	
18	Q150B1050	螺栓 M10X50	Bolt M10X50	3	
19	Q618B03	螺塞 NPT 3/8	Plug NPT 3/8	1	

EWP=Easy wear part (易损件)

图 Drawing

15、 311-1014000/05 呼吸器部件 Breather Parts



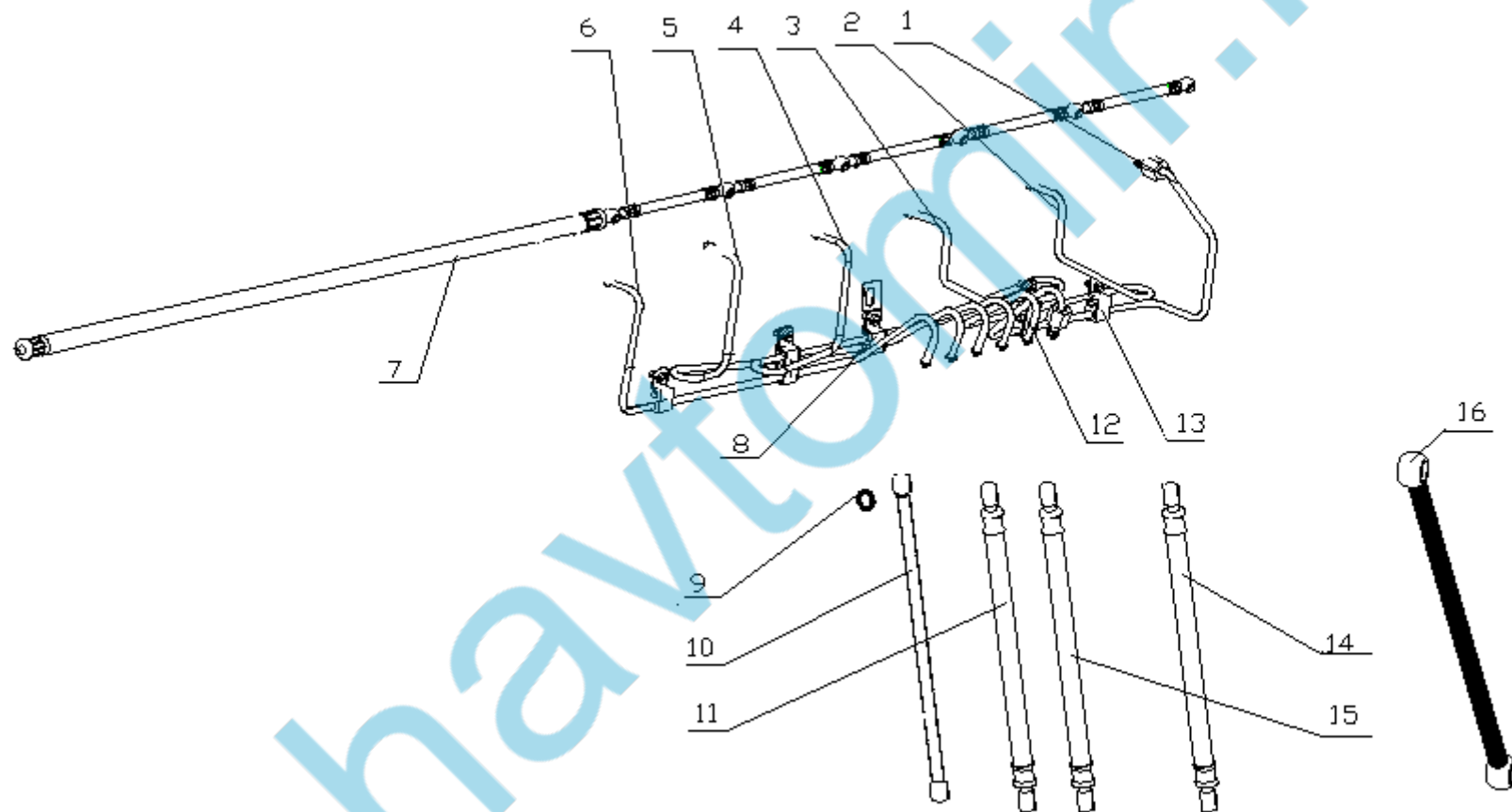
15. 311-1014000/05 呼吸器部件 Breather Parts

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	630-1003100A	加机油口盖组件	Oil filler cover subassembly	1	
2	311-1014210	加机油口座焊接件	Oil filler seat weldment	1	
3	Q150B0625	螺栓 M6X25	Bolt	4	
4	Q40306	垫圈 6	Washer 6	4	
5	Q40106	垫圈 6	Washer 6	4	
6	6105Q-1014012	垫片	Gasket	1	
7	6105Q-1014013	呼吸器壳体	Breather case block	1	
8	6105Q-1014001A	呼吸器垫片	Breather gasket	1	
9	Q40108	垫圈 8	Washer 8	2	
10	Q40308	垫圈 8	Washer 8	2	
11	Q150B0825	螺栓 M8X25	Bolt M8X25	2	

EWP=Easy wear part (易损件)

图 Drawing

16、 B7615-1104000/08 供给系管路总成 Fuel Pipeline Assembly



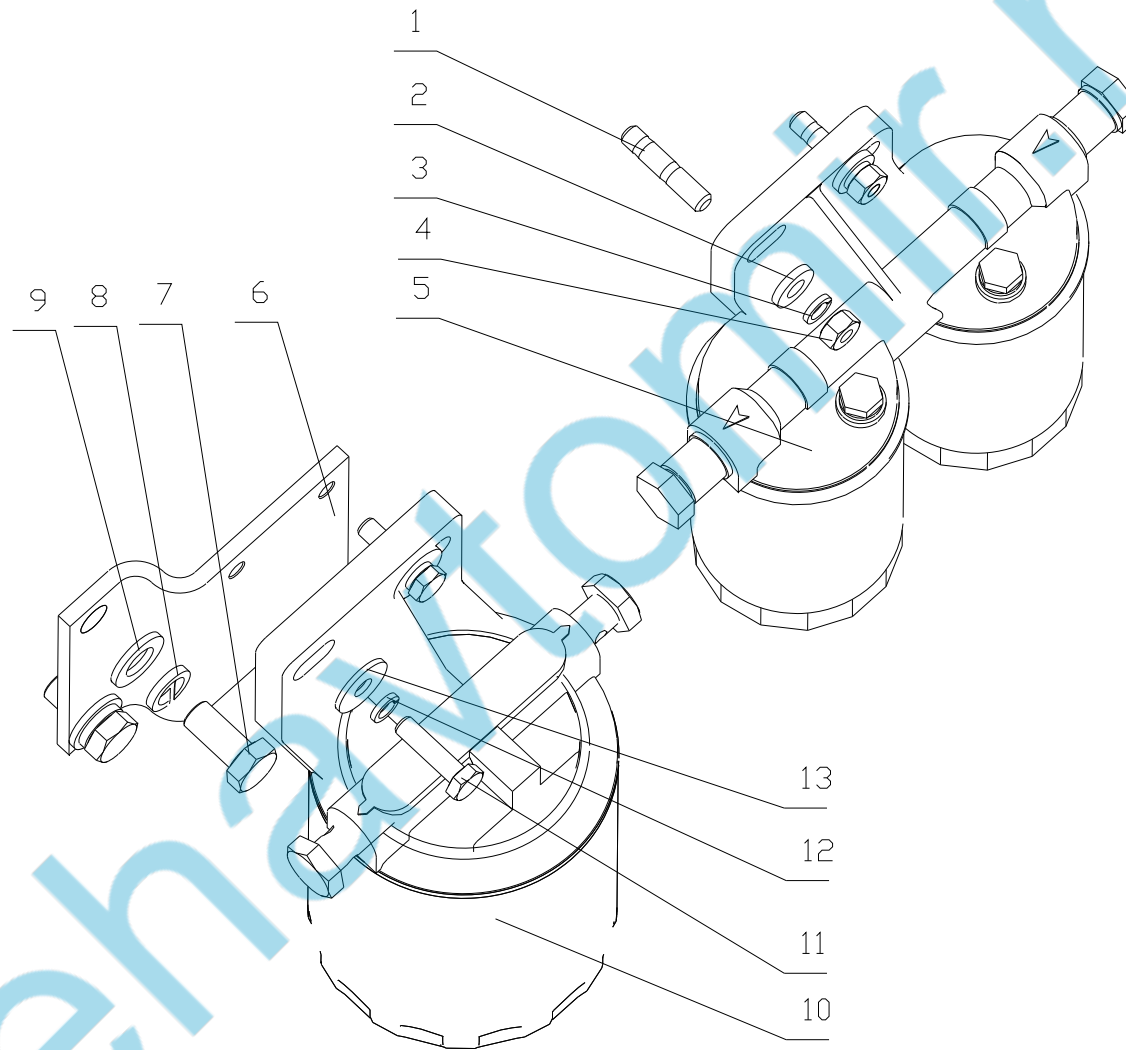
16. B7615-1104000/08 供给系管路总成 Fuel Pipeline Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	BB6G3-11041F0	第六缸高压油管	Sixth cylinder high pressure fuel pipe	1	
2	BB6G3-11041E0	第五缸高压油管	Fifth cylinder high pressure fuel pipe	1	
3	BB6G3-11041D0	第四缸高压油管	Fourth cylinder high pressure fuel pipe	1	
4	BB6G3-11041C0	第三缸高压油管	Third cylinder high pressure fuel pipe	1	
5	BB6G3-11041B0	第二缸高压油管	Second cylinder high pressure fuel pipe	1	
6	BB6G3-11041A0	第一缸高压油管	First cylinder high pressure fuel pipe	1	
7	B7604-1104040A	回油软管总成	Oil return hose assembly	1	
8	340-1104140A	两管夹组件	Double pipe clip subassembly	1	
9	Q/YC149-14	复合式密封垫圈 14	Seal washer 14	12	
10	636-1104090A	柴滤进油管总成	Fuel filter fuel inlet pipe assembly	1	
11	6105Q-1104090B	柴滤器进油管总成	Fuel filter fuel inlet pipe assembly	2	选装 Optional
12	340-1104170	三管夹固定组件	Triple pipe clip fixing subassembly	1	
13	340-1104160	两管夹固定组件	Double pipe clip fixing subassembly	1	
14	630-1104403	油管	Fuel pipe	1	选装 Optional
15	630-1104305	柴滤进油管 I	Fuel filter fuel inlet pipe	2	选装 Optional
16	6105Q-1104100B	喷油泵进油管总成	Fuel injection pump fuel inlet pipe assembly	1	选装 Optional

EWP=Easy wear part (易损件)

图 Drawing

17、 B7735-1105000/06 柴油滤清器总成 Fuel Filter Assembly



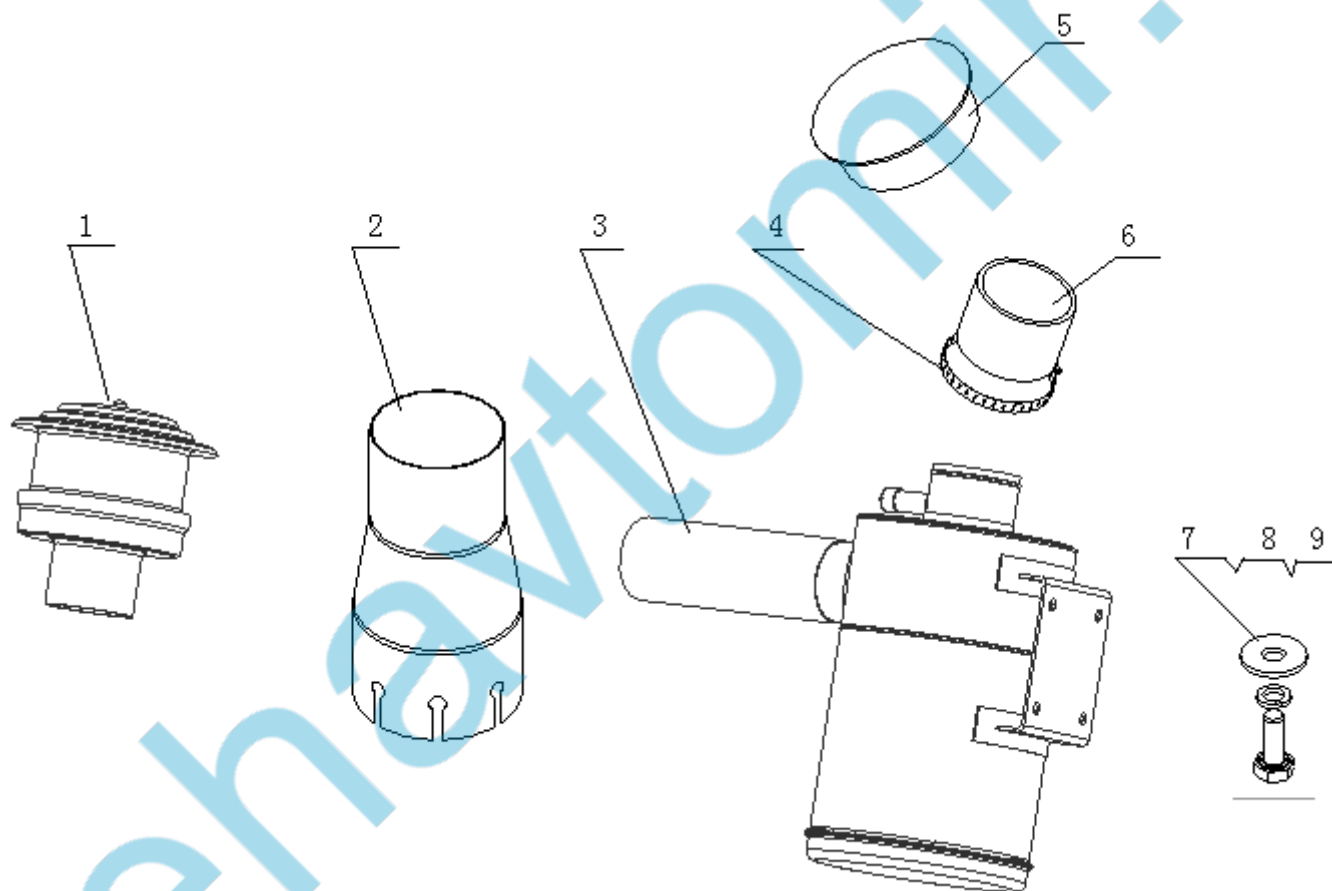
17. B7735-1105000/06 柴油滤清器总成 Fuel Filter Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	Q1201030	螺柱 M10X30	Stud	2	
2	Q40210	垫圈 10	Washer10	2	
3	Q40310	垫圈 10	Washer 10	2	
4	Q340B10	螺母 M10	Nut M10	2	
5	A3000-1105010	水分离器柴滤总成	Water separator fuel filter assembly	1	
6	B7604-1105001B	柴油滤清器座	Fuel filter seat	1	
7	Q150B1225	螺栓 M12X25	Bolt	2	
8	Q40312	垫圈 12	Lock Washer 12	2	
9	Q40112	垫圈 12	Lock Washer 12	2	
10	B7604-1105200	旋装沉淀器	Rotational precipitator	1	
11	Q150B0830	螺栓 M8X30	Bolt	2	
12	Q40308	垫圈 8	Washer 8	2	
13	Q40208	垫圈 8	Washer 8	2	

EWP=Easy wear part (易损件)

图 Drawing

18、 B7663-1109000/06空滤器总成 Air Filter Assembly



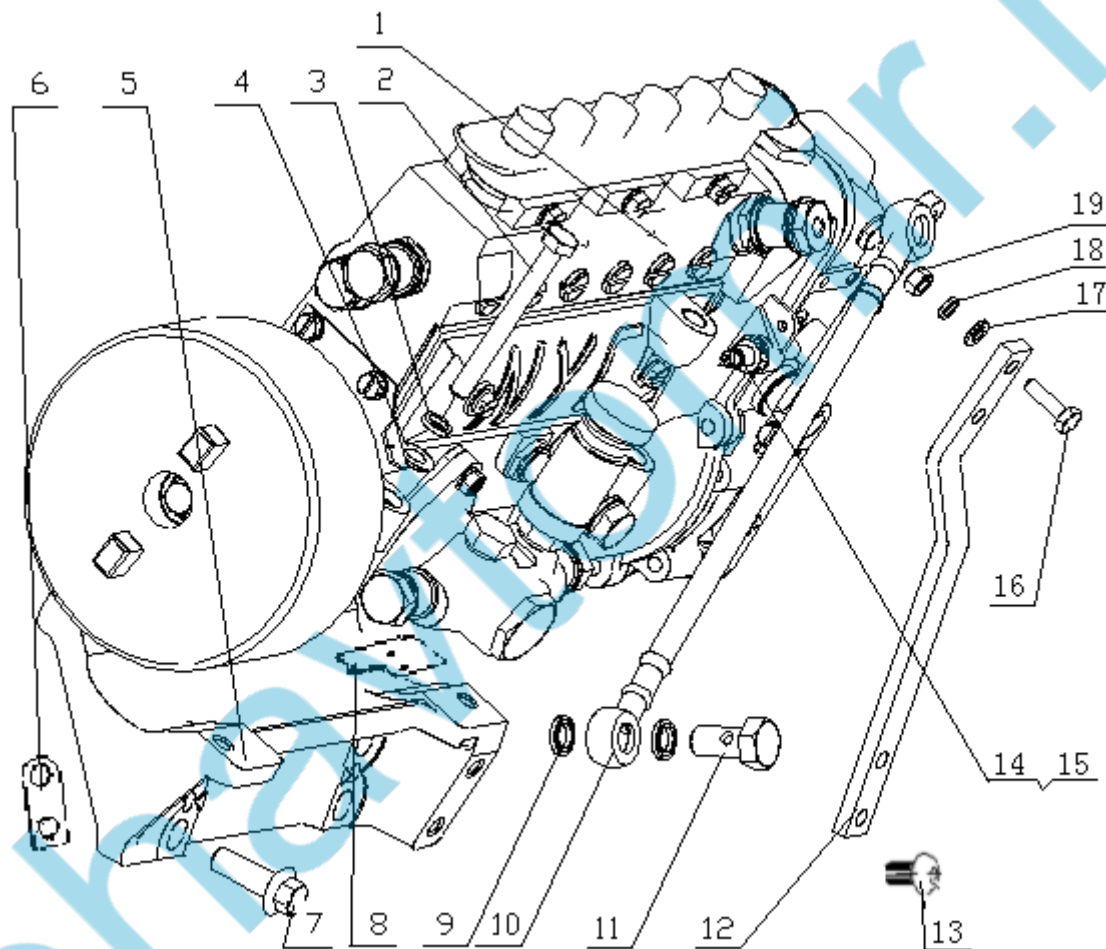
18. B7663-1109000/06 空滤器总成 Air Filter Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	B7662-1109300	空气预滤器	Air pre-filter	1	
2	B7662-1109301	连接管	Connecting pipe	1	
3	B7648-1109100B	空气滤清器	Air filter	1	
4	Q/YC147.1-115	环箍 115	Loop hoop	2	
5	340-1109006	进气封口盖	Intake sealing cover	1	出厂包装用 for factory package
6	111-1109004	增压器连接胶管	Turbocharger connecting hose	1	
7	Q40208	垫圈 8	Washer 8	4	
8	Q40308	垫圈 8	Washer 8	4	
9	Q150B0820	螺栓 M8X20	Bolt M8X20	4	

EWP=Easy wear part (易损件)

图 Drawing

19、 B7606-1111000/08 喷油泵总成 Fuel Injection Pump Assembly



19. B7606-1111000/08 喷油泵总成 Fuel Injection Pump Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	B7606-1111010A-493	喷油泵	Injection pump	1	
	330-1111030-179	输油泵	Delivery pump	1	
	330-1111040-179	提前器	Advancer	1	
	330-1111-21-493	柱塞	Plunge	6	
	340-1111-22-493	出油阀	Fuel outlet valve	6	
2	Q150B0875	螺栓 M8X75	Bolt	4	
3	Q40308	垫圈 8	Washer 8	4	
4	GB/T849-8	垫圈 8	Washer 8	4	
5	630-1111005A	喷油泵托架	Injection pump bracket	1	
6	6105Q-1111006	调整垫片	Adjusting gasket	适量 proper amount	
7	Q1841030TF2	螺栓 M10X30	Bolt	4	
8	6105Q-1111007	弧面调整垫片	Cambered surface adjusting gasket	适量 proper amount	
9	Q/YC149-12	复合式密封垫圈 12	Compound seal washer	2	
10	330-1111360	回油管组件	Fuel return pipe subassembly	1	
11	430-1111034	接头螺栓	Joint bolt	1	
12	641-1111001	调速器附加手柄	Auxiliary handle of governor	1	
13	YC5-0306	铆钉 3X6	Rivet 3X6	适量 Proper amount	
14	6105Q-1111008	油量限位锁片	Fuel limiting key	2	
15	6105Q-1111009	铅封铁丝	Detective wire	适量 Proper amount	
16	Q150B0620	螺栓 M6X20	Bolt	2	
17	Q40106	垫圈 6	Washer 6	2	
18	Q40306	垫圈 6	Washer 6	2	

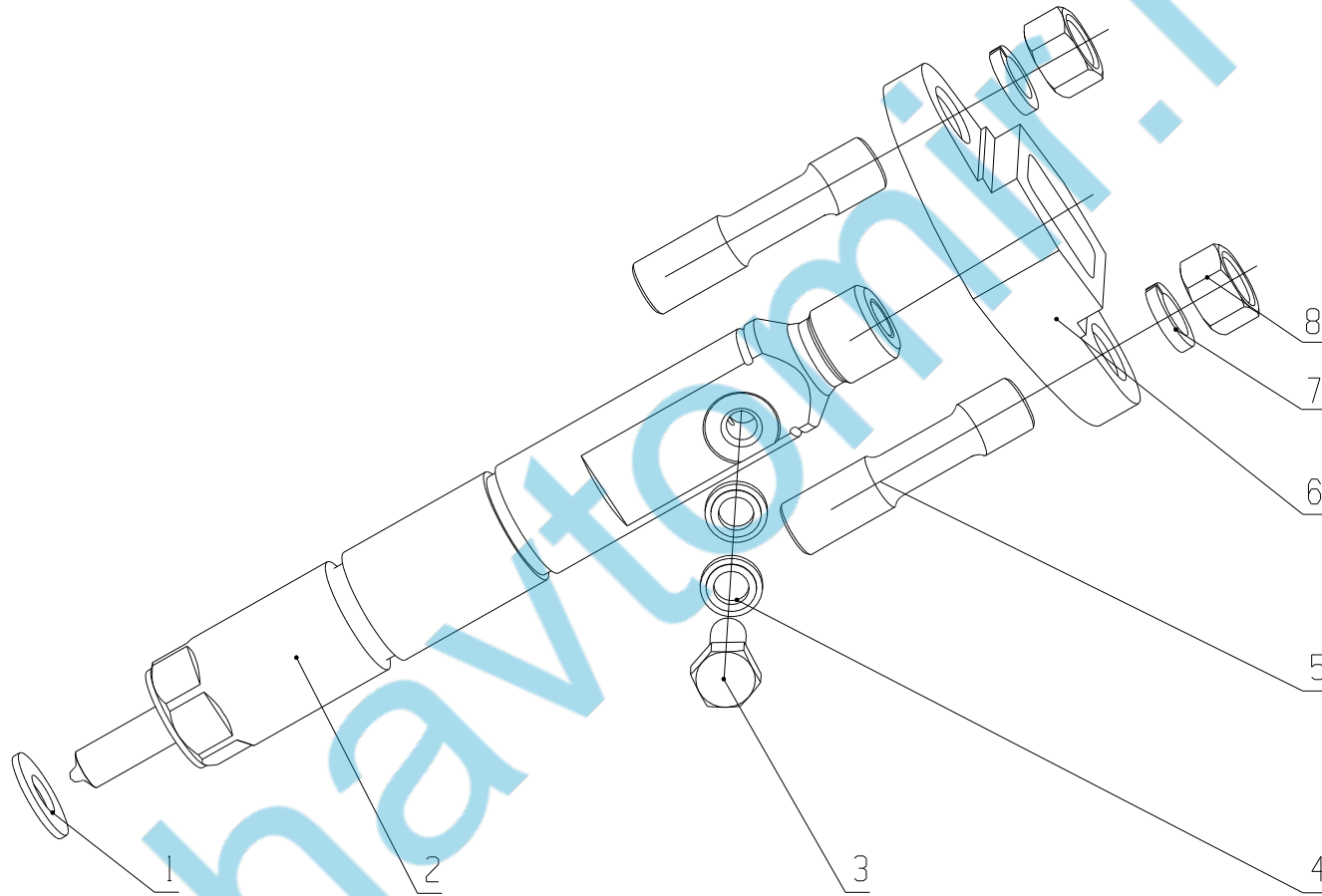
19	Q340B06	螺母 M6	Nut M6	2	
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EWP=Easy wear part (易损件)

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[图 Drawing](#)

20.J3400-1112000/04 喷油器总成 Injector Assembly



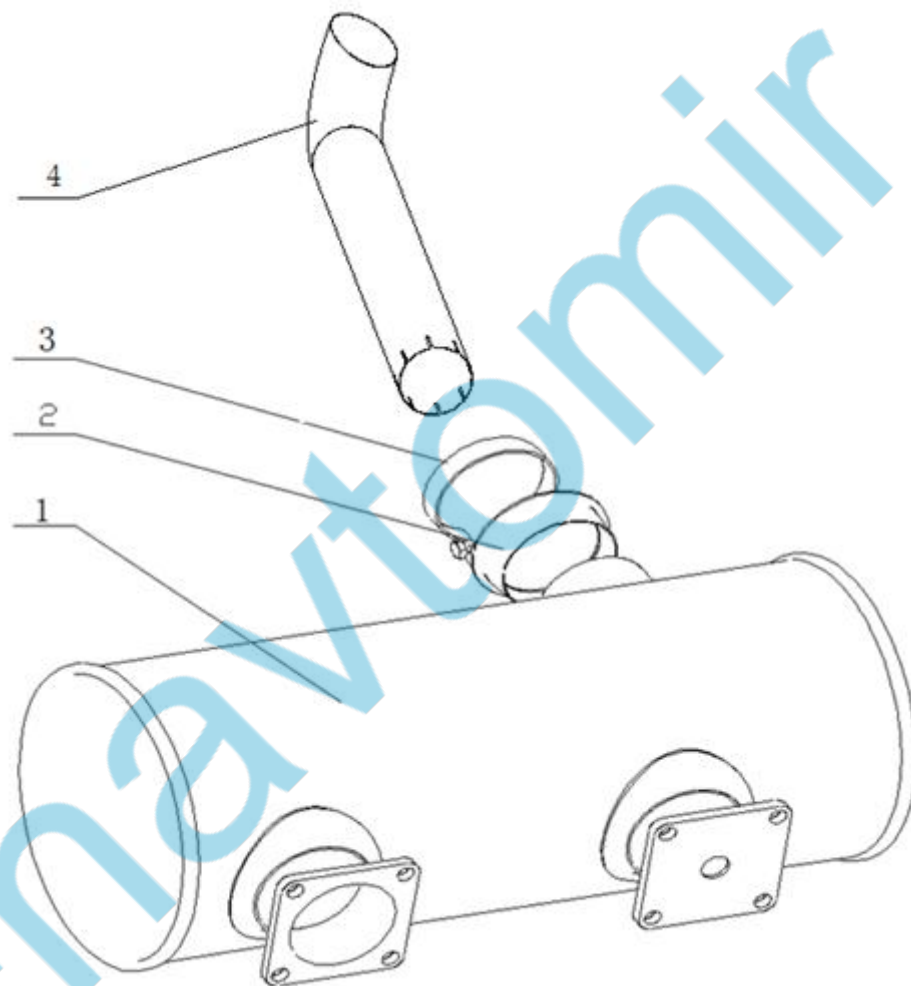
20.J3400-1112000/04 喷油器总成 Injector Assembly

序 号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remark
1	630-1112001	喷油器垫片	Injector gasket	6	
2	J3400-1112010	喷油器	Fuel injector	6	选装 Optional
	J3400-1112050	油嘴偶件	Nozzle matching parts	6	
	J3400-1112010A	喷油器	Fuel injector	6	选装 Optional
	J3400-1112050A	油嘴偶件	Nozzle matching parts	6	
	J3400-1112010B	喷油器	Fuel injector	6	选装 Optional
	J3400-1112050B	油嘴偶件	Nozzle matching parts	6	易损件 EWP
3	Q/YC901-1C0610	铰接螺栓 M6X1	Hinge bolt M6X1	6	
4	Q/YC149-6	复合式密封垫圈 6	Compound seal washer 6	12	易损件 EWP
5	Q1201035TF2	螺柱 M10×35	Bolt M10×35	12	
6	A30-1112022A	固定板	Lock plate	12	
7	Q40310	垫圈 10	Washer10	12	
8	Q340B10	螺母 M10	Nut M10	12	

EWP=Easy wear part (易损件)

图 Drawing

21、 1640H-1201000/07 消声器总成 Muffler Assembly



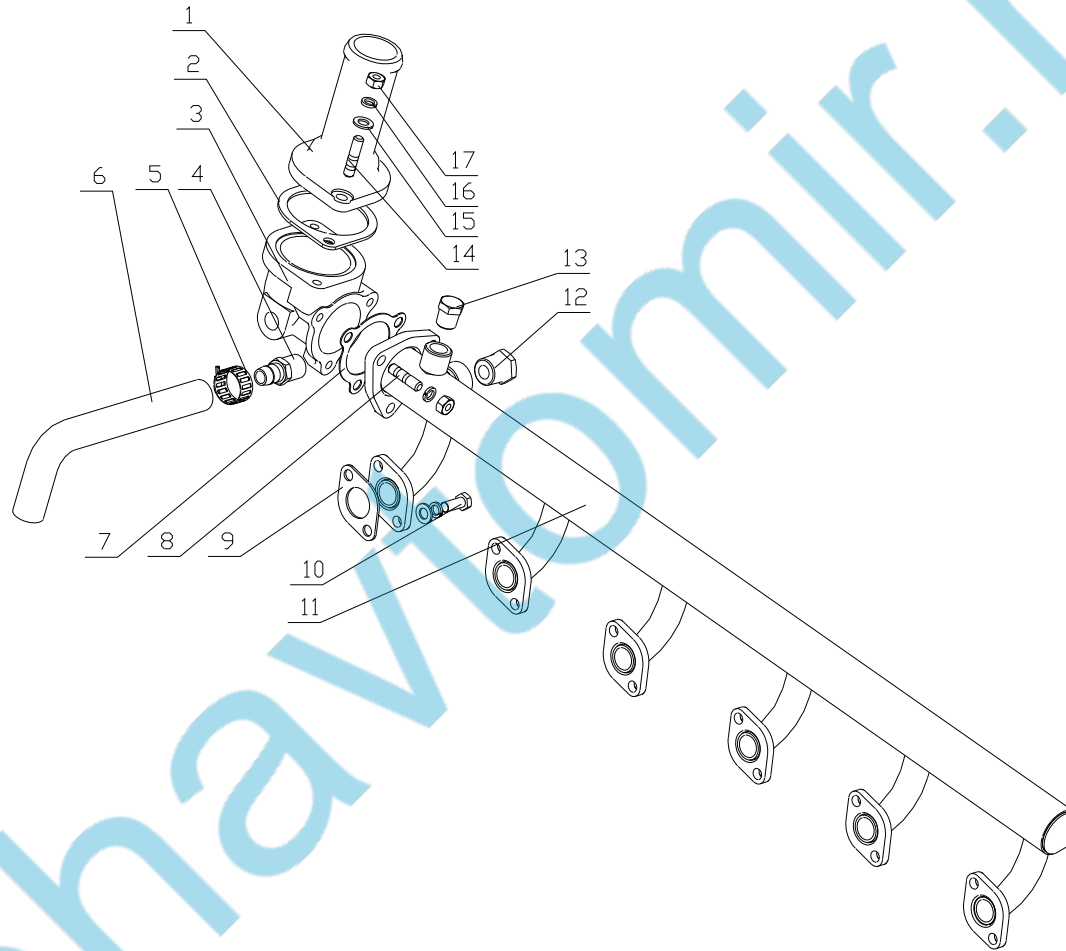
21. 1640H-1201000/07消声器总成 Muffler Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	1640H-1201100E	消声器	Muffler	1	
2	340-1109006	进气封口盖	Intake sealing cover	1	
3	640-1201300	排烟管喉箍总成	Smoke pipe hose clamp assembly	1	
4	1640H-1201200B	消声器排烟器	Muffler smoke ejector	1	

EWP=Easy wear part (易损件)

图 Drawing

22、 1640H-1303000/13 出水管总成 Water Outlet Pipe Assembly



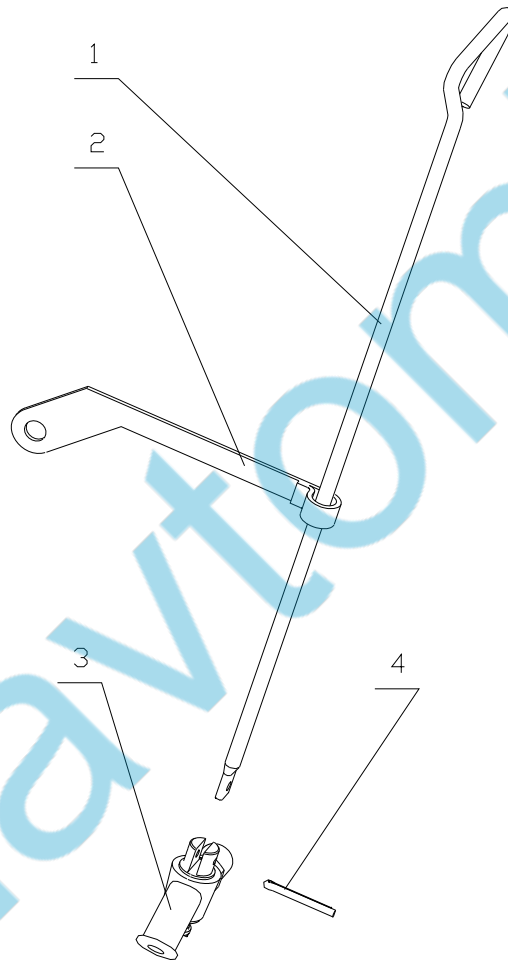
22. 1640H-1303000/13 出水管总成 Water Outlet Pipe Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备 注 Remarks
1	6QA6-1303011B	节温器座盖	Thermostat seat cover	1	
2	B8701-1306006	节温器盖垫片	Thermostat cover gasket	1	
3	6105Q-1303003	节温器座	Thermostat seat	1	
4	6105Q-1307016	水管接头	Water pipe joint	1	
5	Q67627	环箍 27	Loop hoop	2	
6	J3300-3509003	空压机进水胶管	Air compressor water inlet rubber pipe	1	
7	6105Q-1306006	节温器座垫片	Thermostat seat gasket	1	
8	Q1200822	螺柱 M8X22	Stud	3	
9	B8701-1303042	出水支管垫片	Water outlet branch pipe gasket	6	
10	Q/YC1820820	螺栓 M8X20	Bolt M8X20	12	
11	640-1303040A	出水管组件	Water outlet pipe subassembly	1	
12	Q618B04	螺塞 NPT1/2	Screw plug	1	
13	Q618B03	螺塞 NPT3/8	Screw plug	1	
14	Q1200825	螺柱 M8X25	Bolt M8X25	2	
15	Q40108	垫圈 8	Washer 8	14	
16	Q40308	垫圈 8	Washer 8	17	
17	Q340B08	螺母 M8	Nut M8	5	

EWP=Easy wear part (易损件)

图 Drawing

23、 6105QA-1305000/08 放水阀总成 Water Outlet Valve Assembly



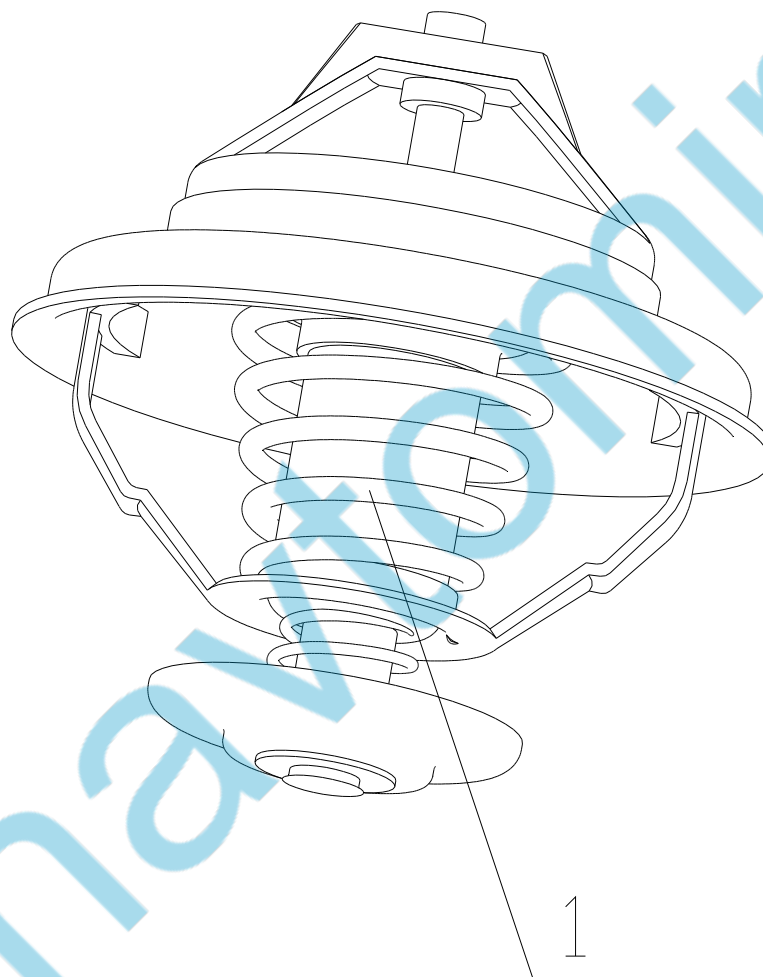
23. 6105QA-1305000/08 放水阀总成 Water Outlet Valve Assembly

序号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	6105Q-1305015	放水阀操纵杆	Water drain valve operating rod	1	
2	6105QA-1305020	支撑板	Supporting board	1	
3	J1000-1305040	放水阀部件	Water drain valve part	1	
4	Q5003220	销 3. 2X25	Pin	1	

EWP=Easy wear part (易损件)

图 Drawing

24、 340-1306000/02 调温器总成 Thermostat Assembly



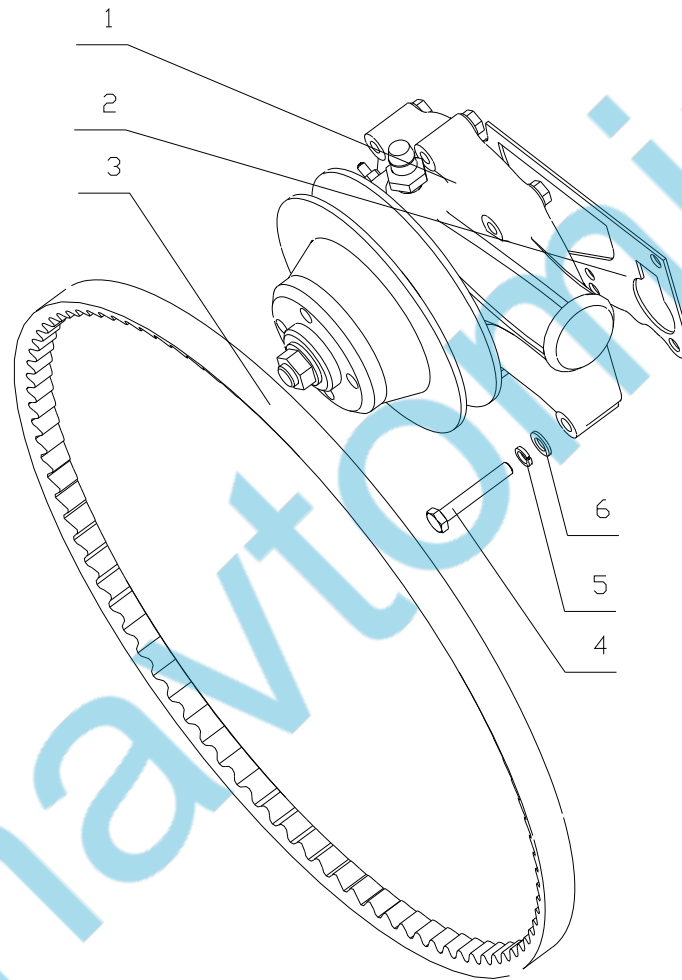
24. 340-1306000/02 调温器总成 Thermostat Assembly

序号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	648-1306010A	蜡式调温器	Wax thermostat	1	

EWP=Easy wear part (易损件)

图 Drawing

25、 1640H-1307000/06 水泵组件 Water Pump Subassembly



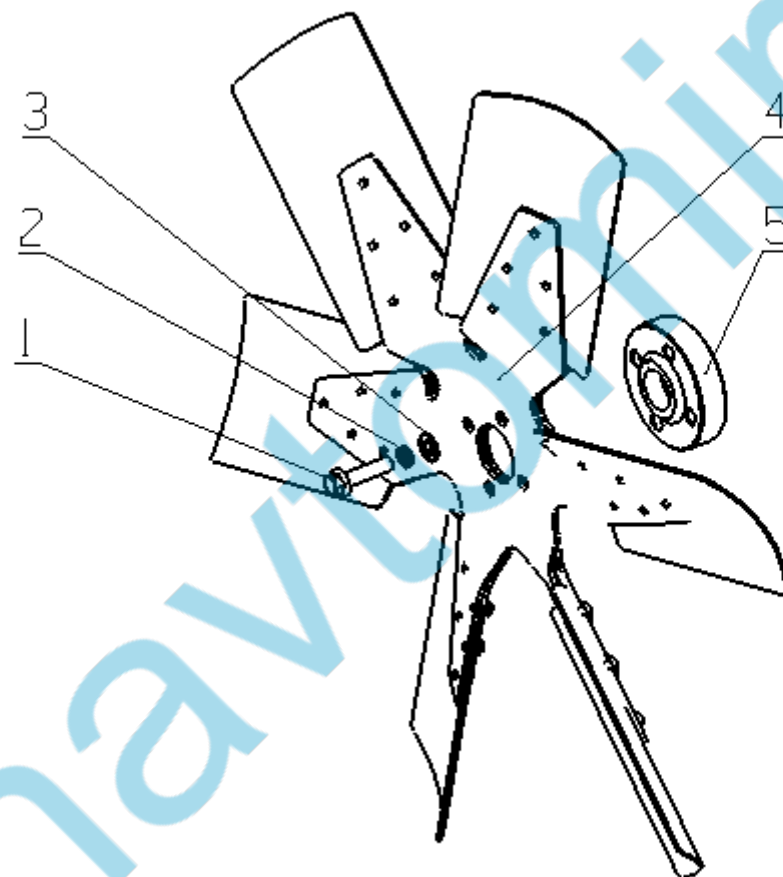
25. 1640H-1307000/06 水泵组件 Water Pump Subassembly

序号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	6QAJ-1307010D	水泵部件	Water pump part	1	
2	380-1307001A	水泵垫片	Water pump gasket	1	
3	YC80-AV22-1535A	齿形汽车 V 带	Cog V belt of vehicle	1	
4	Q150B0850TF2	螺栓 M8X50	Bolt	2	
5	Q40308	垫圈 8	Washer 8	2	
6	Q40108	垫圈 8	Washer 8	2	

EWP=Easy wear part (易损件)

图 Drawing

26、 310-1308000/04 风扇部件 Fan Parts



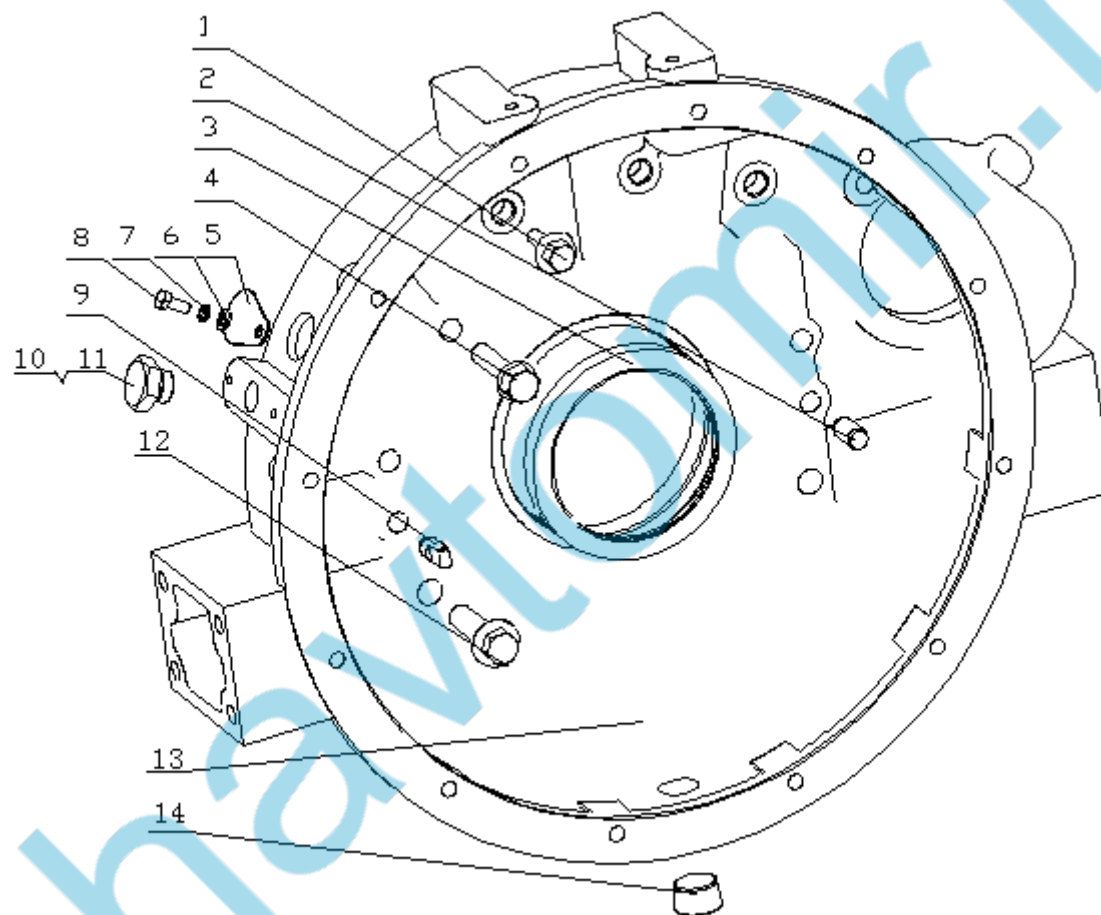
26. 310-1308000/04 风扇部件 Fan Parts

序号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	Q150B1045TF2	螺栓 M10X45	Bolt	4	
2	Q40310	垫圈 10	Washer 8	4	
3	Q40110	垫圈 10	Washer 8	4	
4	398-1308010A	风扇	Fan	1	
5	640-1308001	水泵-风扇垫块	Water pump-fan cushion block	1	

EWP=Easy wear part (易损件)

图 Drawing

27、 1640H-1600000/03 飞轮壳总成 Flywheel Housing Assembly



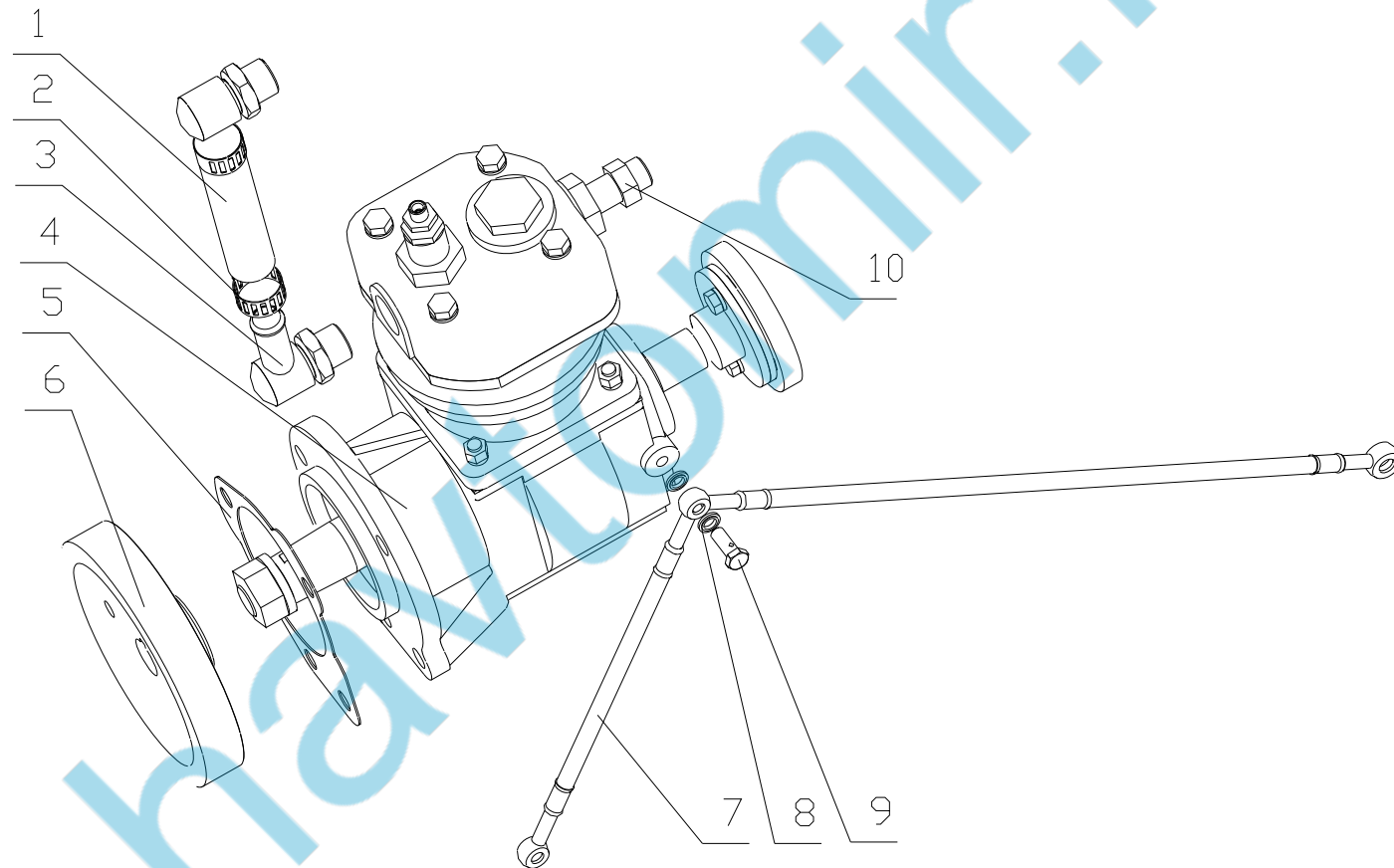
27. 1640H-1600000/03 飞轮壳总成 Flywheel Housing Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	Q1841230TF2	螺栓 M12X30	Bolt M12X30	3	
2	YC24-B1224	圆柱销 12X24	Straight pin	1	
3	YC209-100125FL	油封 100X125	Oil seal	1	
	YC209-B100125PL	油封 100X125	Oil seal	1	选装 optional
	YC209-C100125PL	油封 100X125	Oil seal	1	选装 optional
4	Q1841250TF2	螺栓 M12X50	Bolt	3	
5	6QA1-1600016	盖板-飞轮壳	Cover plate-flywheel case	1	
6	Q40106	垫圈 6	Washer 6	1	
7	Q40306	垫圈 6	Washer 6	1	
8	Q150B0612	螺栓 M6X12	Bolt	1	
9	6105Q-1600011	扁销	Flat pin	1	
10	Q/YC198-18	螺塞 M18X1.5	Screw plug	1	
11	Q/YC149-18	复合式密封垫圈 18	Compound seal washer 18	1	
12	Q1841450TF2	螺栓 M14X50	Bolt	2	
13	1640H-1600401A	飞轮壳	Flywheel case	1	
14	Q61906	螺塞 NPT3/4	Screw plug	1	

EWP=Easy wear part (易损件)

图 Drawing

28、 340-3509000/12 气制动空气压缩机总成 Pneumatic Air Compressor Assembly



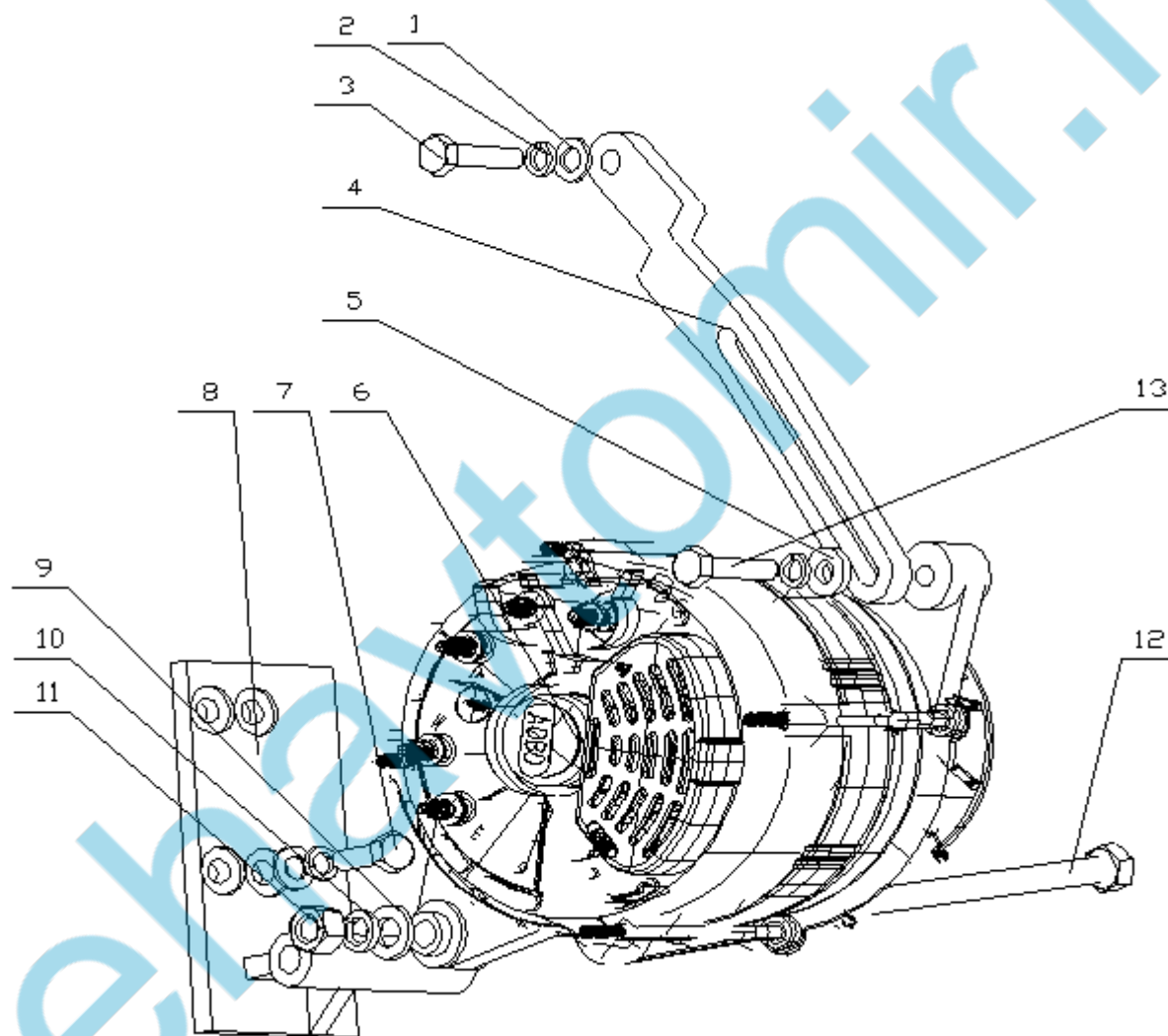
28. 340-3509000/12 气制动空气压缩机总成 Pneumatic Air Compressor Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	6105Q-3509014	通气管	Ventilation pipe	1	
2	Q67627	环箍 27	Loop hoop	2	
3	630-3509030	进气管接头组件	Intake pipe joint subassembly	2	
4	630-3509100A	空气压缩机	Air compressor	1	
5	630-1002041A	空压机垫片	Air compressor gasket	1	
6	6105Q-3509011	喷油泵传动齿轮	Injection pump driving gear	1	
7	330-3509020D	气泵油泵机油管组件	Air pump oil pump oil pipe subassembly	1	
8	Q/YC149-8	复合式密封垫圈 8	Compound seal washer 8	4	
9	6105Q-1007073	管接螺栓	Hinge bolt	2	
10	641-3509001	气泵出气口接头	Air pump exhaust port joint	1	

EWP=Easy wear part (易损件)

图 Drawing

29、 B8601-3701000/01 充电机总成 Alternator Assembly



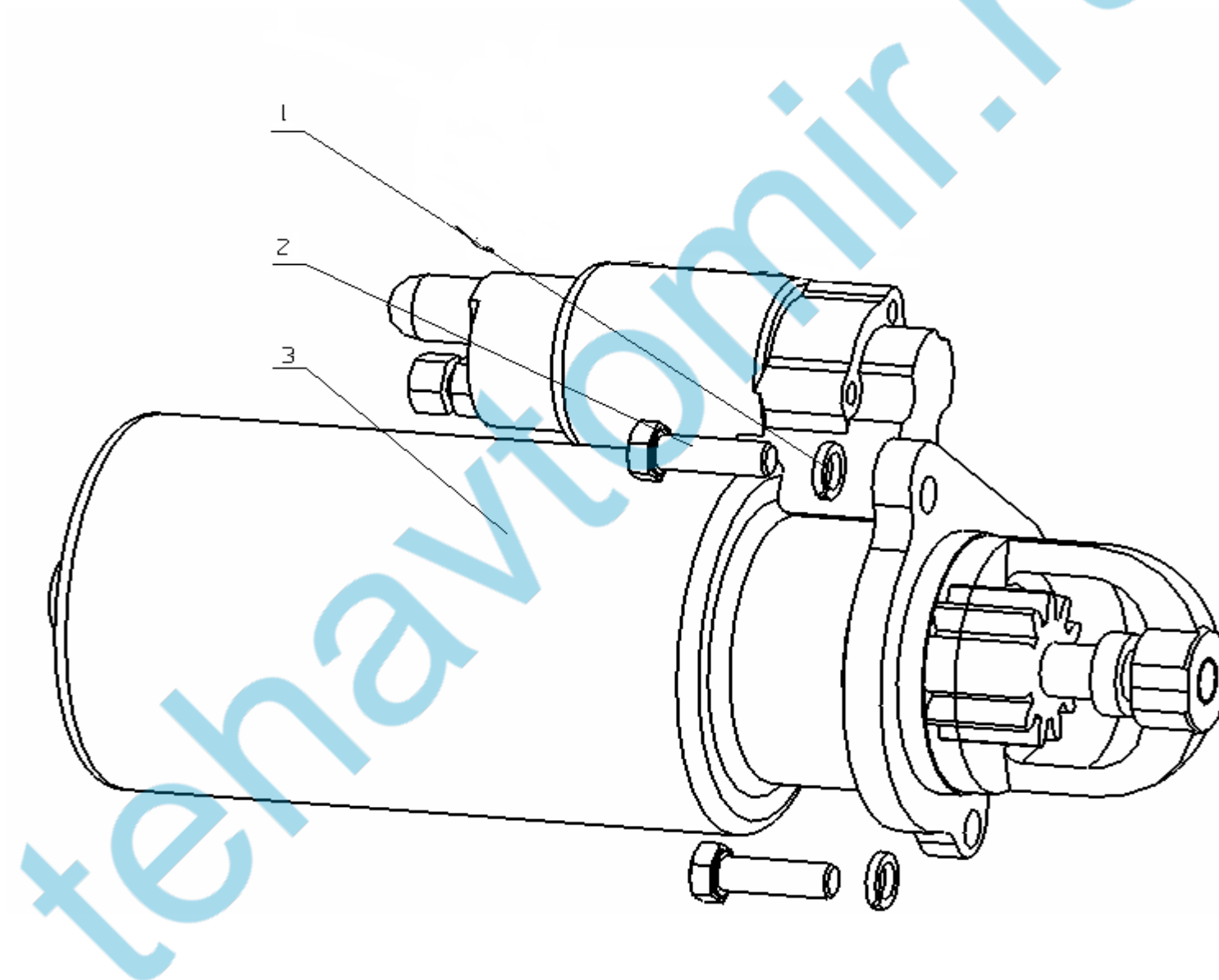
29. B8601-3701000/01 充电机总成 Alternator Assembly

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	Q40108	垫圈 8	Washer 8	4	
2	Q40308	垫圈 8	Washer 8	6	
3	Q150B0830	螺栓 M8X30	Bolt	1	
4	377A-3701032A	发电机调节板	Generator adjusting board	1	
5	6105Q-3509013	垫圈	Washer	2	
6	397-3701100	充电发电机	Alternator	1	
7	Q150B0822	螺栓 M8X22	Bolt M8X22	4	
8	6QA6-3701020A	充电机支架焊接件	Generator bracket welded part	1	
9	Q40110	垫圈 10	Washer 10	1	
10	Q40310	垫圈 10	Washer 10	1	
11	Q340B10	螺母 M10	Nut M10	1	
12	Q150B10130	螺栓 M10X130	Bolt M10X130	1	
13	Q150B0830	螺栓 M8X30	Bolt	1	

EWP=Easy wear part (易损件)

图 Drawing

30、 340-3708000/10 起动机总成 Starter Assembly



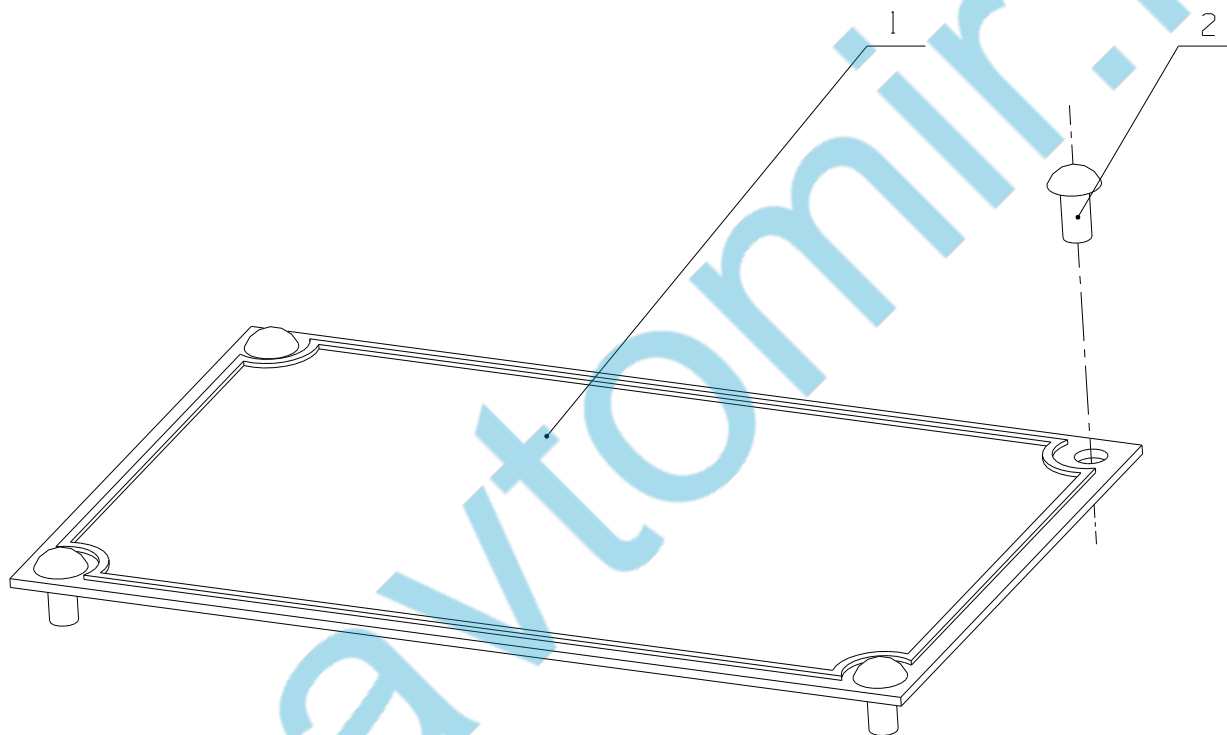
30. 340-3708000/10 起动机总成 Starter Assembly

序号 No.	图 号 Part No.	名 称	Part Name	数量 Qty.	备注 Remarks
1	Q40312	垫圈 12	Lock Washer 12	3	
2	Q150B1235	螺栓 M12X35	Bolt	3	
3	B7617-3708100	起动机	Starter	1	
	G5800-3708E-01-443	单向器	Isolator	1	
	G5800-3708E-02-443	磁吸开关组件	Magnet switch subassembly	1	
	G5800-3708E-03-443	继电器	Relay	1	

EWP=Easy wear part (易损件)

图 Drawing

31、 BB600-3904000/01 铭牌 Nameplate



31. BB600-3904000/01 铭牌 Nameplate

序号 No.	图号 Part No.	名 称	Part Name	数量 Qty.	备 注 Remarks
1	YC394-BBB600	标牌 YC6B125-T21	Data plate	1	
2	YC5-0306	铆钉 3X6	Rivet 3×6	4	

EWP=Easy wear part (易损件)