

12003 DSEA

EXPLANATION

1.This catalogue is main used for user's picking up and buying the parts of the model SDG9FS diesel engine and understanding partial structure and assembly relation.

2.In order to meet user's different requirements, the assortments of FD280DC diesel engine made by our factory will continuously increase, and the structure will also be improved partially. So the contents of the catalogue maybe somewhat not accordance with the engine you have owned, which will be improved in second edition. Pardon before improving will not notify again.

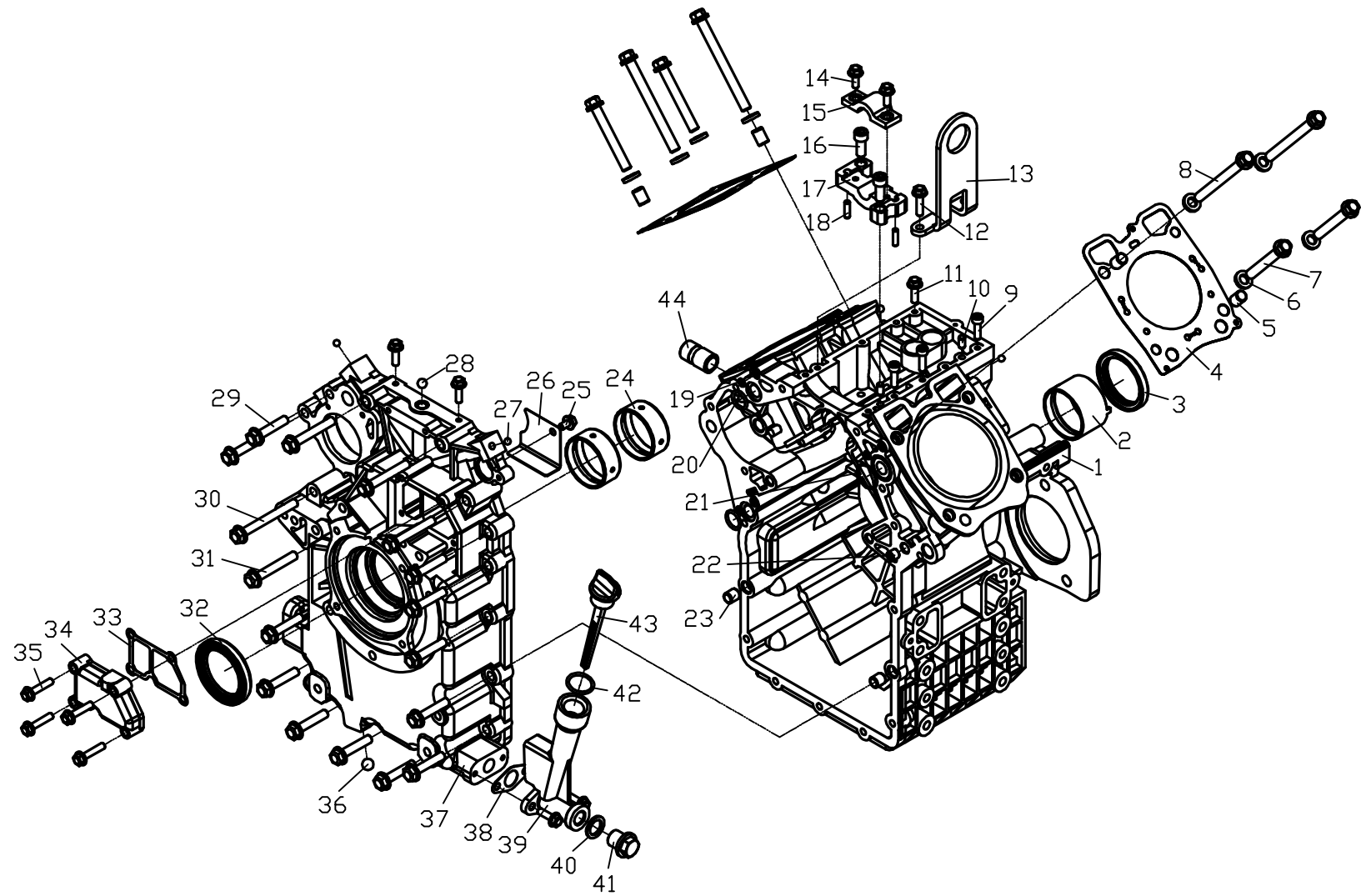
3.In compilation of the catalogue, due to limited time and level, some mistakes can hardly be avoided , please oblige us with your valuable comments.

Editor

CONTENTS

1. Engine Body Assay.....	(1)
2. Cylinder Head Assay.....	(6)
3. Piston-Connecting Assay.....	(15)
4. Crankshaft-Flywheel Assay.....	(17)
5. Camshaft Assay.....	(19)
6. Intake Pipe Assay.....	(21)
7. Lubricating System Assay.....	(25)
8. Fuel System Assay.....	(28)
9. Injection Pump.....	(30)
10. Electric Generator.....	(33)
11. Cooling System Assay.....	(35)

1.Engine Body Assay



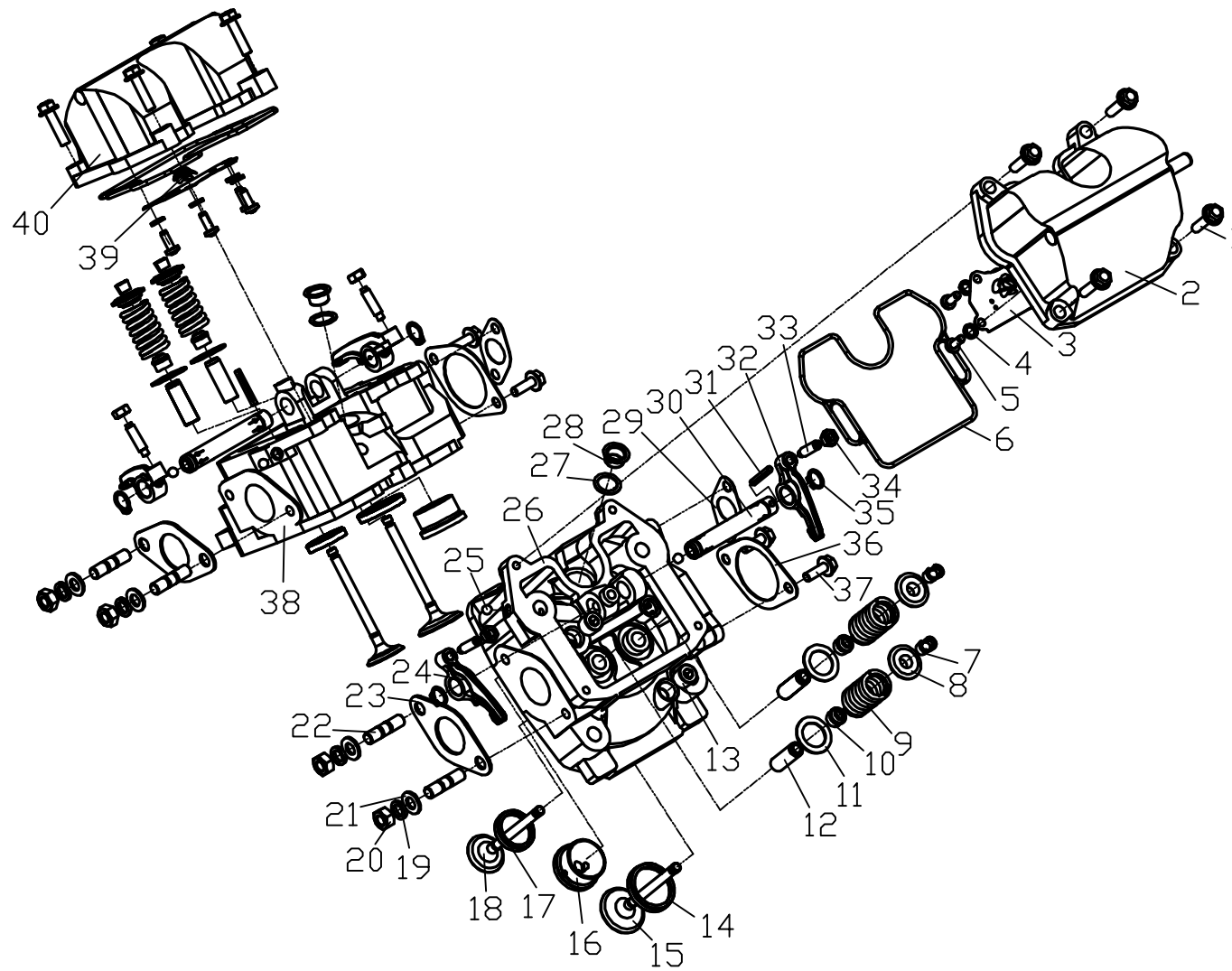
1.Engine Body Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1		EV80-010001	1	
2		EV80-010010-1	1	
3		EV80-010019	1	
4		EV80-010003	2	
5		EV80-010017	4	
6		178F-010005	8	
7	M9×68	EV80-010005	4	
8	M9×98	EV80-010004	4	
9	M6×20-8.8-Zn.D	GB/T70.1-2000	3	
10	6×12	GB/T119.2-2000	2	
11	M6×20-8.8-Zn.D	GB/T5789-1986	5	
12	M6×25-8.8-Zn.D	GB/T5789-1986	2	
13		EV80-010027	1	
14	M6×16-8.8-Zn.D	GB/T5789-1986	2	
15		EV80-010015	1	
16	M8×20-8.8-Zn.D	GB/T70.1-2000	2	
17		EV80-010024	1	
18	5×18	GB/T119.2-2000	2	
19	5×1.8	GB/T3452.1-2005	3	

Ser №	Parts No	Name of Parts	Qty	Remarks
20	15.8×2.4	GB/T3452.1-2005	2	
21	23.6×1.8	GB/T3452.1-2005	1	
22	NPT1/8	178F-090004	4	
23		EV80-010016	2	
24		EV80-010008	2	
25	M6×10-8.8-Zn.D	GB/T5789-1986	1	
26		EV80-010025	1	
27	1/4"(SΦ6.3)	GB/T308-2002	4	
28	SΦ9	GB/T308-2002	1	
29	M8×40-8.8-Zn.D	GB/T5789-1986	12	
30	M8×75-8.8-Zn.D	GB/T5789-1986	1	
31	M8×55-8.8-Zn.D	GB/T5789-1986	4	
32		EV80-010018	1	
33		EV80-010023	1	
34		EV80-012101	1	
35	M6×30-8.8-Zn.D	GB/T5789-1986	4	
36	SΦ11	GB/T308-2002	1	
37		EV80-010002	1	
38		EV80-010013	1	

Ser №	Parts No	Name of Parts	Qty	Remarks
39	22.5×2.4	EV80-010012	1	
40		178F-010002	1	
41		178F-010003	1	
42		GB/T3452.1-2005	1	
43		EV80-010014	1	
44		EV80-010009	1	

2.Cylinder Head Assay

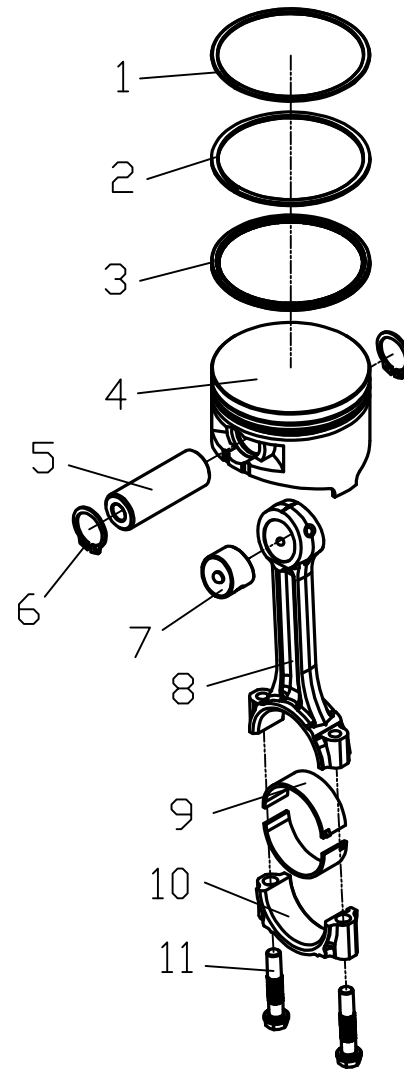


2.Cylinder Head Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1	M6×25-8.8-Zn.D	GB/T5789-1986	8	
2		EV80-020021	1	
3		EV80-020025	2	
4	6	GB/T93-1987	8	
5	Q2724813	GB/T845-1985	8	
6		EV80-020022	2	
7		EV80-020001	8	
8		EV80-020002	4	
9		EV80-020005	4	
10		178F-030020	4	
11		186F-030006	4	
12		EV80-021003	2	
13	R1/4"	EV80-020016	4	
14		EV80-021004	1	
15		EV80-020004	2	
16		EV80-021006	1	
17		EV80-021005	1	
18		EV80-020003	2	
19	8	GB/T93-1987	4	

Ser №	Parts No	Name of Parts	Qty	Remarks
20	M8-8-Zn.D	GB/T6170-2000	4	
21	8-140HV	GB/T97.1-2002	4	
22	M8×20-8.8-Zn.D	GB/T899-1988	4	
23		EV80-020017	2	
24		EV80-020013	2	
25	1/4"(SΦ6.3)	GB/T308-2002	4	
26		EV80-022001	1	
27		EV80-020009	2	
28		EV80-020011	2	
29		EV80-020018	2	
30		EV80-020014	2	
31		EV80-020015	2	
32		EV80-020012	2	
33		EV80-020008	4	
34	M6-8-Zn.D	GB/T6170-2000	4	
35	12	GB/T894.1-1986	4	
36		EV80-020027	2	
37	M6×18-8.8-Zn.D	GB/T5789-1986	4	
38		EV80-021001	1	

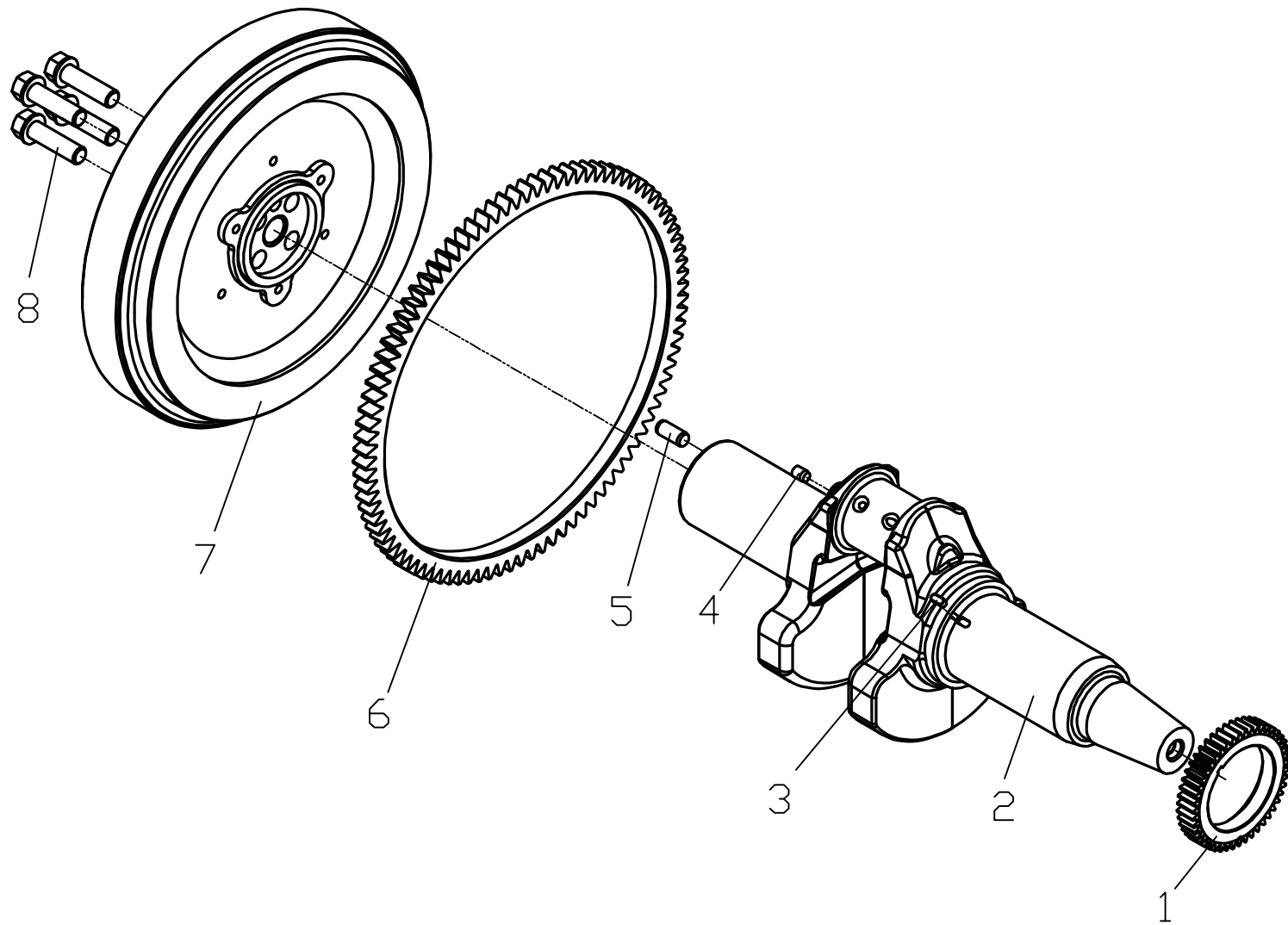
3. Piston-Connecting Assay



3.Piston-Connecting Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1	20	EV80-040001	2	
2		EV80-040002	2	
3		EV80-041000	2	
4		EV80-040003	2	
5		EV80-040004	2	
6		GB/T893.1-1986	4	
7		EV80-042004	2	
8		EV80-042001	2	
9		EV80-040005	4	
10		EV80-042002	2	
11		EV80-042003	4	

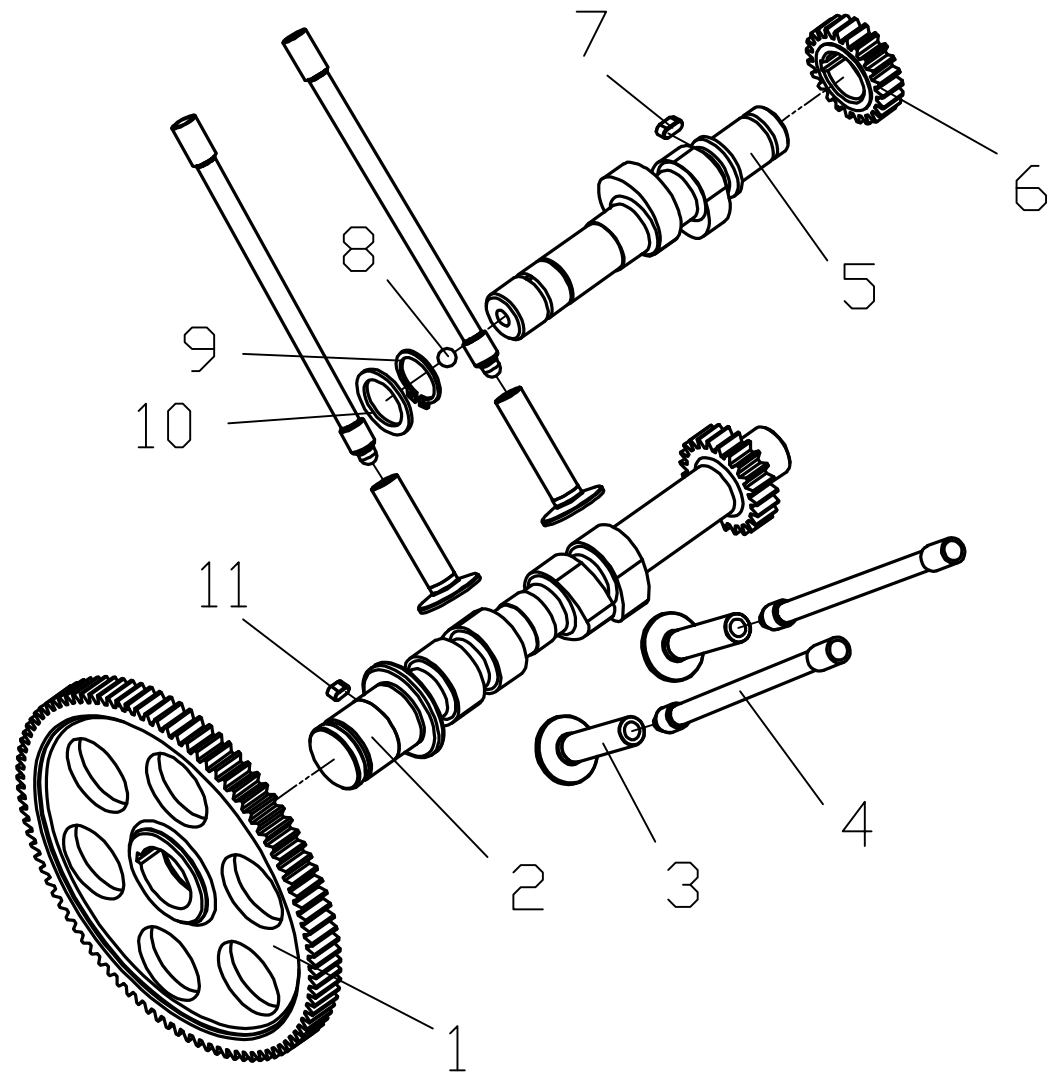
4.Crankshaft-Flywheel Assay



4.Crankshaft-Flywheel Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1	4×9	EV80-050002	1	
2		EV80-050001	1	
3		GB/T1096-2003	1	
4	8×18	EV80-050006	1	
5		GB/T119.2-2000	1	
6		EV80-051002	1	
7	M10×1.25×32	EV80-051001	1	
8		EV80-050004	4	

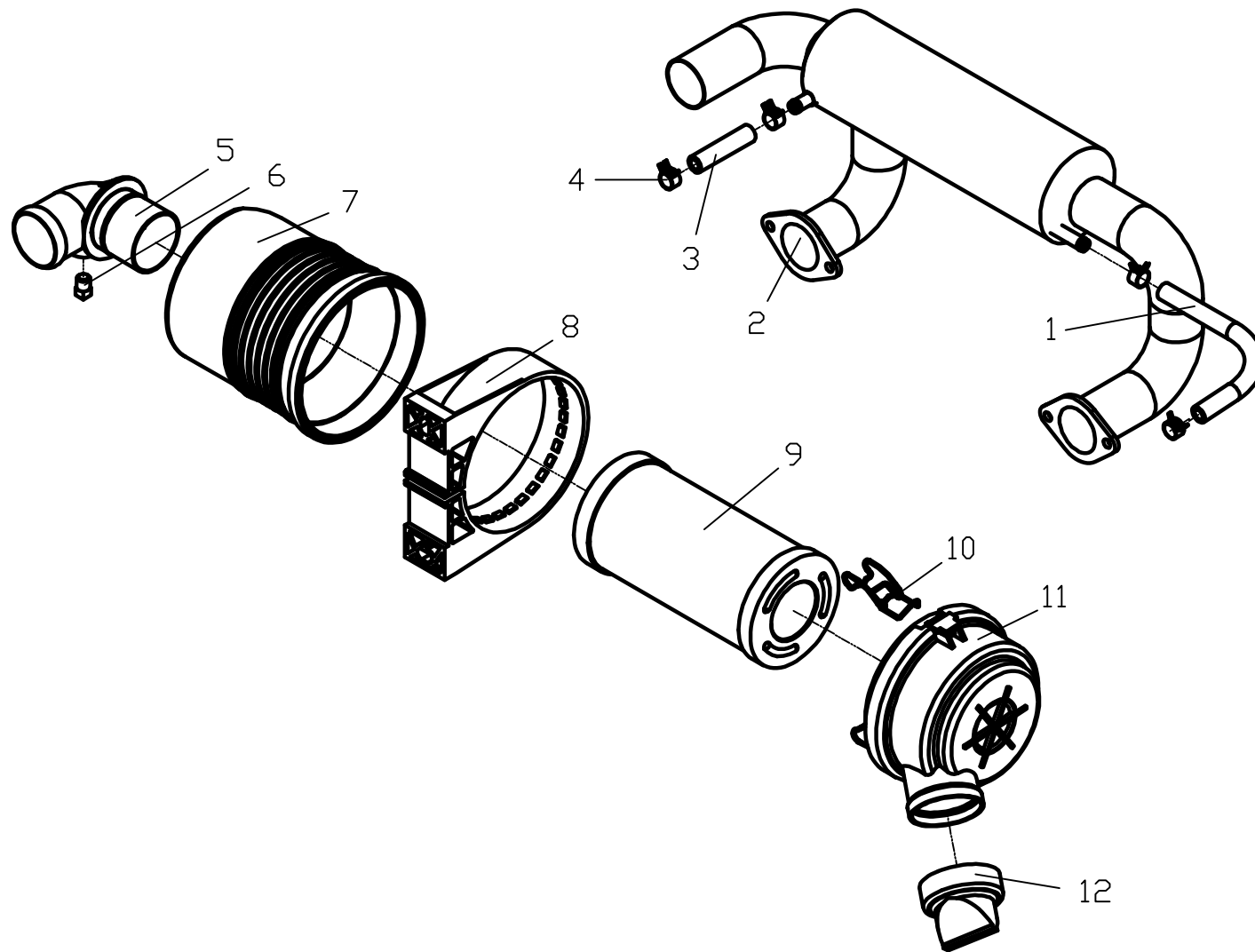
5. Camshaft Assay



5.Camshaft Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1		EV80-060002	1	
2		EV80-060001	1	
3		EV80-060003	4	
4		EV80-061000	4	
5		EV80-062001	1	
6		EV80-062002	1	
7	4×9	GB/T1096-2003	1	
8	1/4"(SΦ6.3)	GB/T308-2002	1	
9	18	GB/T894.1-1986	1	
10		EV80-060006	1	
11	4×7	GB/T1096-2003	1	

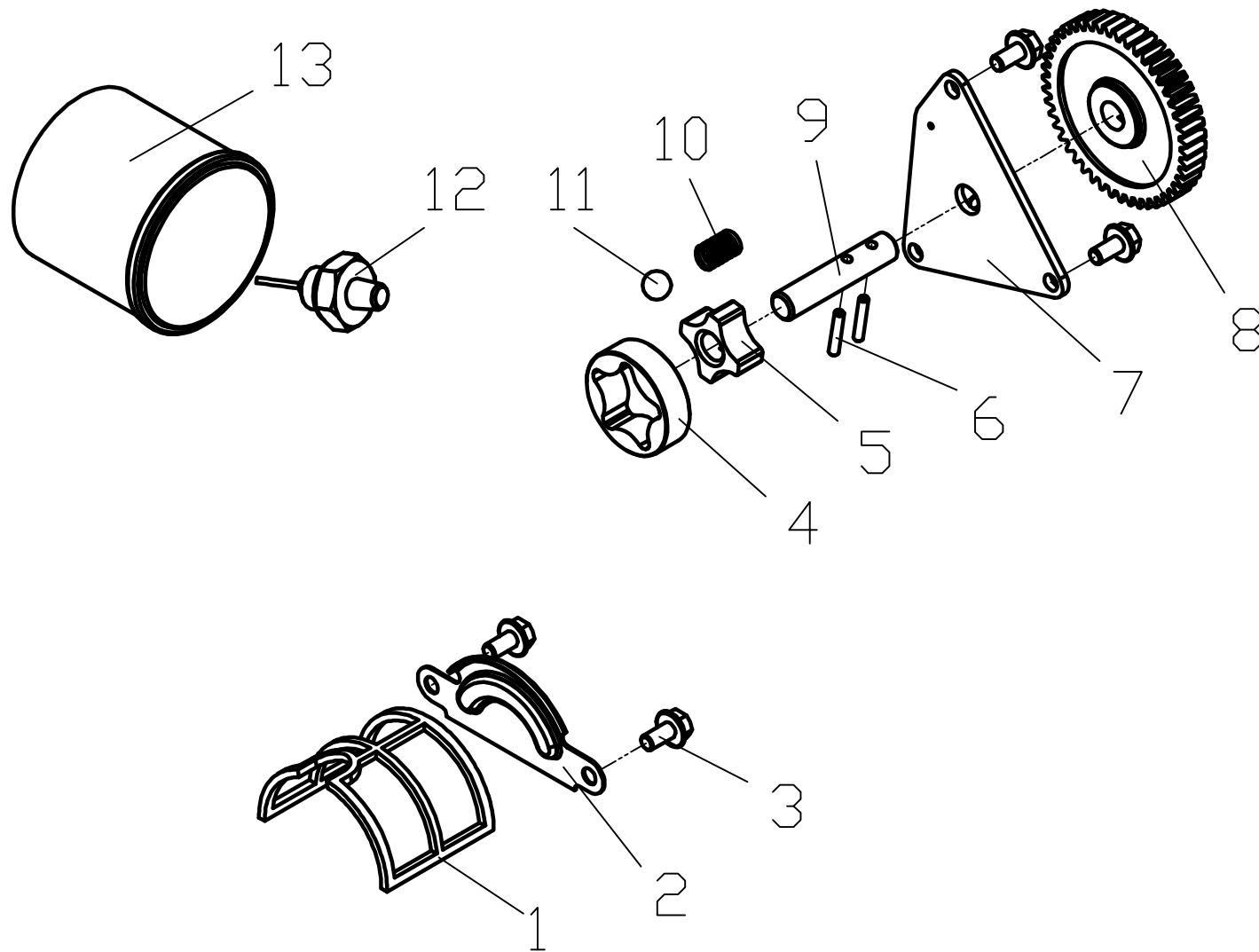
6.Intake Pipe Assy



6.Intake Pipe Assy

Ser No	Parts No	Name of Parts	Qty	Remarks
1	Q673B115	EV80-070003	1	
2		EV80-071000B	1	
3		EV80-070004	1	
4		QC/T621-1997	4	
5		EV80-072003	1	
6		EV80-072006	1	
7		EV80-072001	1	
8		EV80-072004	1	
9		EV80-073000	1	
10		EV80-072100	2	
11		EV80-072002	1	
12		EV80-072005	1	

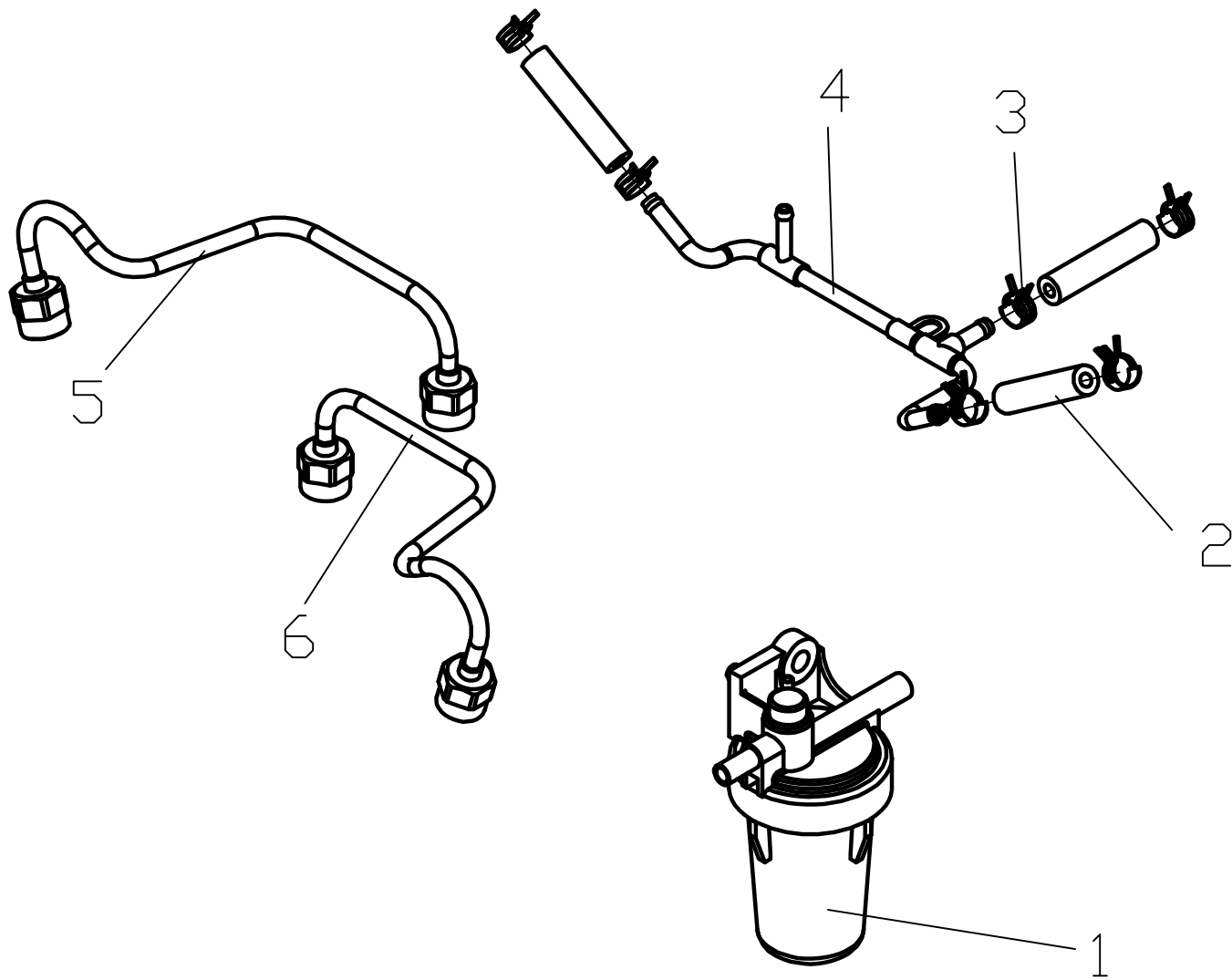
7. Lubricating System Assay



7.Lubricating System Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1	M6×12-8.8-Zn.D	EV80-090001	1	
2		EV80-090002	1	
3		GB/T5789-1986	5	
4		EV80-091002	1	
5	Φ3.5×19.8	EV80-091001	1	
6		EV80-091005	2	
7		EV80-091006	1	
8		EV80-091004	1	
9	13/32"(10.3)	EV80-091003	1	
10		EV80-090003	1	
11		GB/T308-2002	1	
12		EV80-093000	1	
13		EV80-094000	1	

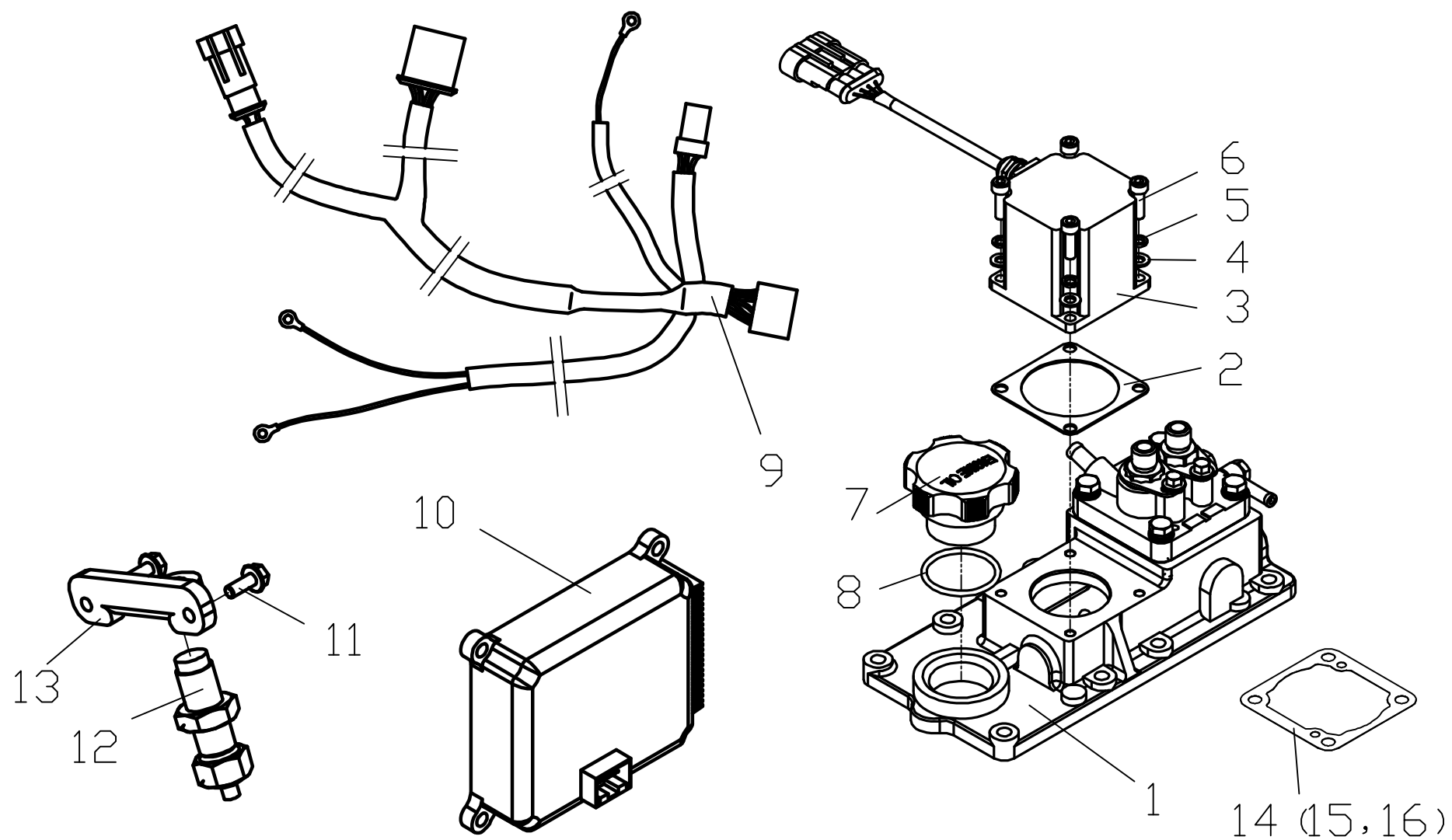
8. Fuel System Assay



8.Fuel System Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1	Q673B08	3M78-210000	1	
2		EV80-103008	3	
3		QC/T621-1997	6	
4		EV80-103100	1	
5		EV80-104000	1	
6		EV80-105000	1	

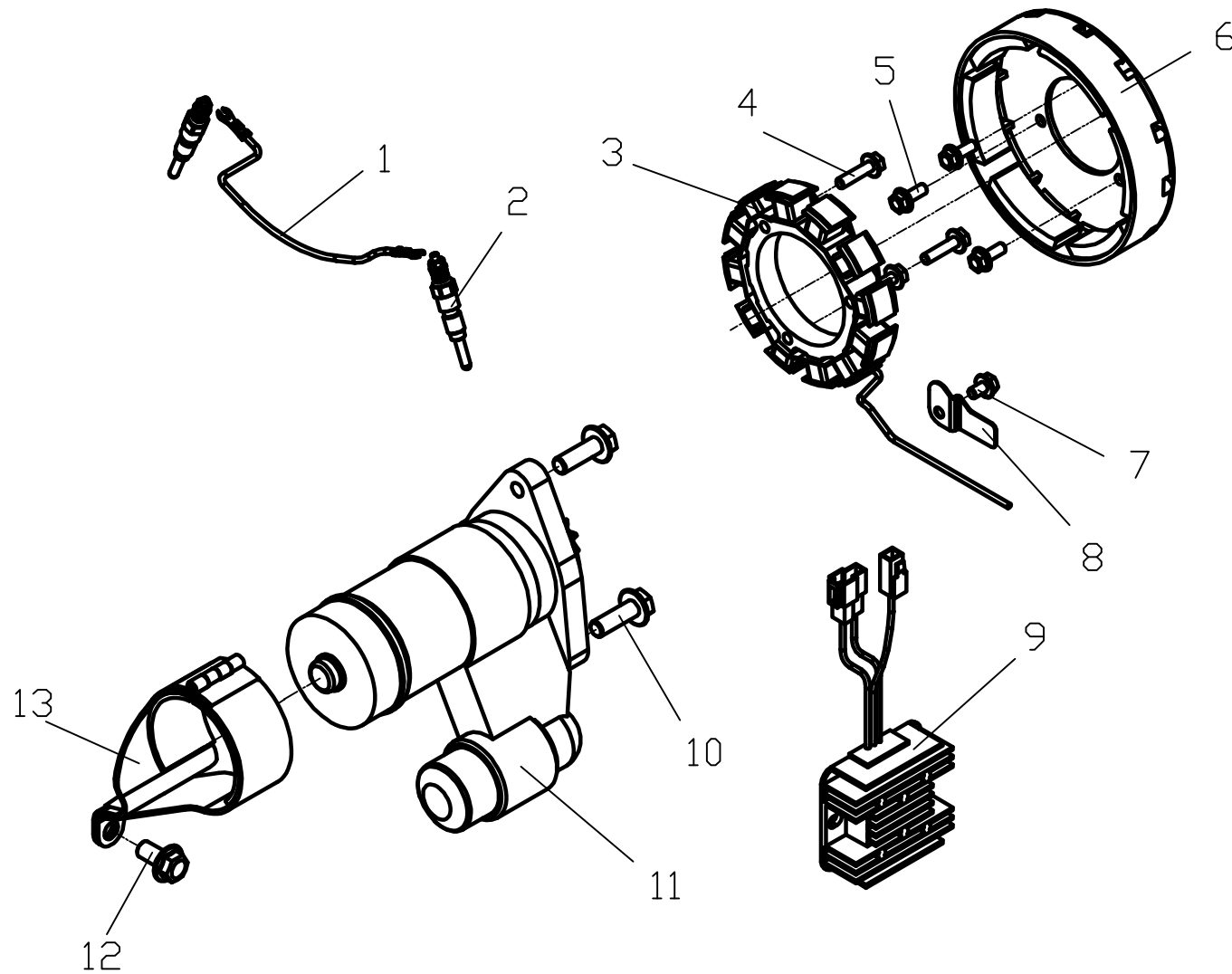
9. Injection Pump



9.Injection Pump

Ser №	Parts No	Name of Parts	Qty	Remarks
1		EV80-121000	1	
2		EV80-120001	1	
3		EV80-127000	1	
4	5	GB/T97.1-2002	4	
5	5	GB/T93-1987	4	
6	M5×16-8.8-Zn.D	GB/T70.1-2000	4	
7		4L88-011001	1	
8	30×2.65	GB/T3452.1-2005	1	
9		EV80-123000	1	
10		EV80-122000	1	
11	M6×16-8.8-Zn.D	GB/T5789-1986	2	
12		EV80-124000	1	
13		EV80-126000	1	
14		EV80-120002	TBD	
15		EV80-120002A	TBD	
16		EV80-120002B	TBD	

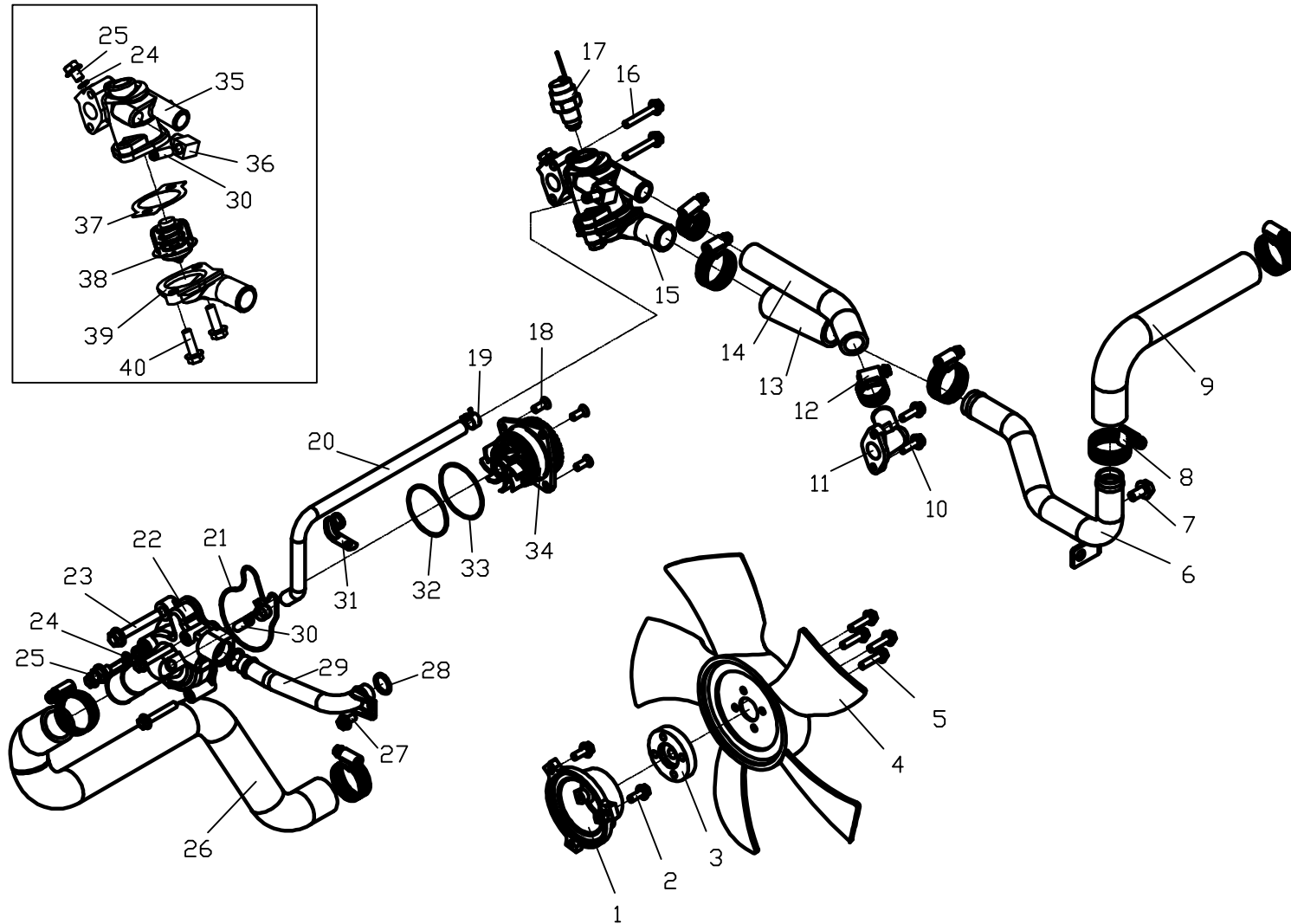
10. Electric Generator



10.Electric Generator

Ser №	Parts No	Name of Parts	Qty	Remarks
1		EV80-150001	1	
2		EV80-155000	2	
3		EV80-153200	1	
4	M6×25-8.8-Zn.D	GB/T5789-1986	3	
5	M6×16-8.8-Zn.D	GB/T5789-1986	3	
6		EV80-153100	1	
7	M6×10-8.8-Zn.D	GB/T5789-1986	1	
8		EV80-150003	1	
9		EV80-154000	1	
10	M10×1.25×30-8.8-Zn.D	GB/T5789-1986	2	
11	S114-851A 12V 11C(JAPAN)	EV80-151000	1	
	M10×1.25×20-8.8-Zn.D	GB/T5789-1986	1	
		EV80-152000	1	

11.Cooling System Assy



11.Cooling System Assay

Ser №	Parts No	Name of Parts	Qty	Remarks
1		EV80-170014	1	
2	M6×16-8.8-Zn.D	GB/T5789-1986	3	
3		EV80-170011	1	
4		EV80-170010	1	
5	M6×25-8.8-Zn.D	GB/T5789-1986	4	
6		EV80-178000	1	
7	M8×16-8.8-Zn.D	GB/T5789-1986	1	
8	Q67638	QC/T619-1999	6	
9		EV80-170017	1	
10	M6×20-8.8-Zn.D	GB/T5789-1986	2	
11		EV80-170007	1	
12	Q67632	QC/T619-1999	2	
13	L85	EV80-170016	1	
14		EV80-170008	1	
15		EV80-172000	1	
16	M6×40-8.8- Zn.D	GB/T5789-1986	5	
17		EV80-170009	1	
18	M6×16	GB/T819.1-2000	3	
19	Q673B115	QC/T621-1997	2	

Ser №	Parts No	Name of Parts	Qty	Remarks
20		EV80-170005	1	
21		EV80-170002	1	
22		EV80-170001	1	
23	M8×55-8.8- Zn.D	GB/T5789-1986	1	
24	8.0×1.80	GB/T3452.1-1992	2	
25	M8×10-8.8- Zn.D	GB/T5789-1986	2	
26		EV80-170015	1	
27	M6×12-8.8-Zn.D	GB/T5789-1986	1	
28	16×2.65	GB/T3452.1-1992	2	
29		EV80-173000	1	
30	Φ8×25	EV80-170006	1	
31		EV80-100006	1	
32	50×1.80	GB/T3452.1-1992	1	
33	54.5×1.80	GB/T3452.1-1992	1	
34		EV80-171000	1	
35		EV80-172002	1	
36		EV80-172005	1	
37		EV80-172004	1	
38		EV80-172001	1	

