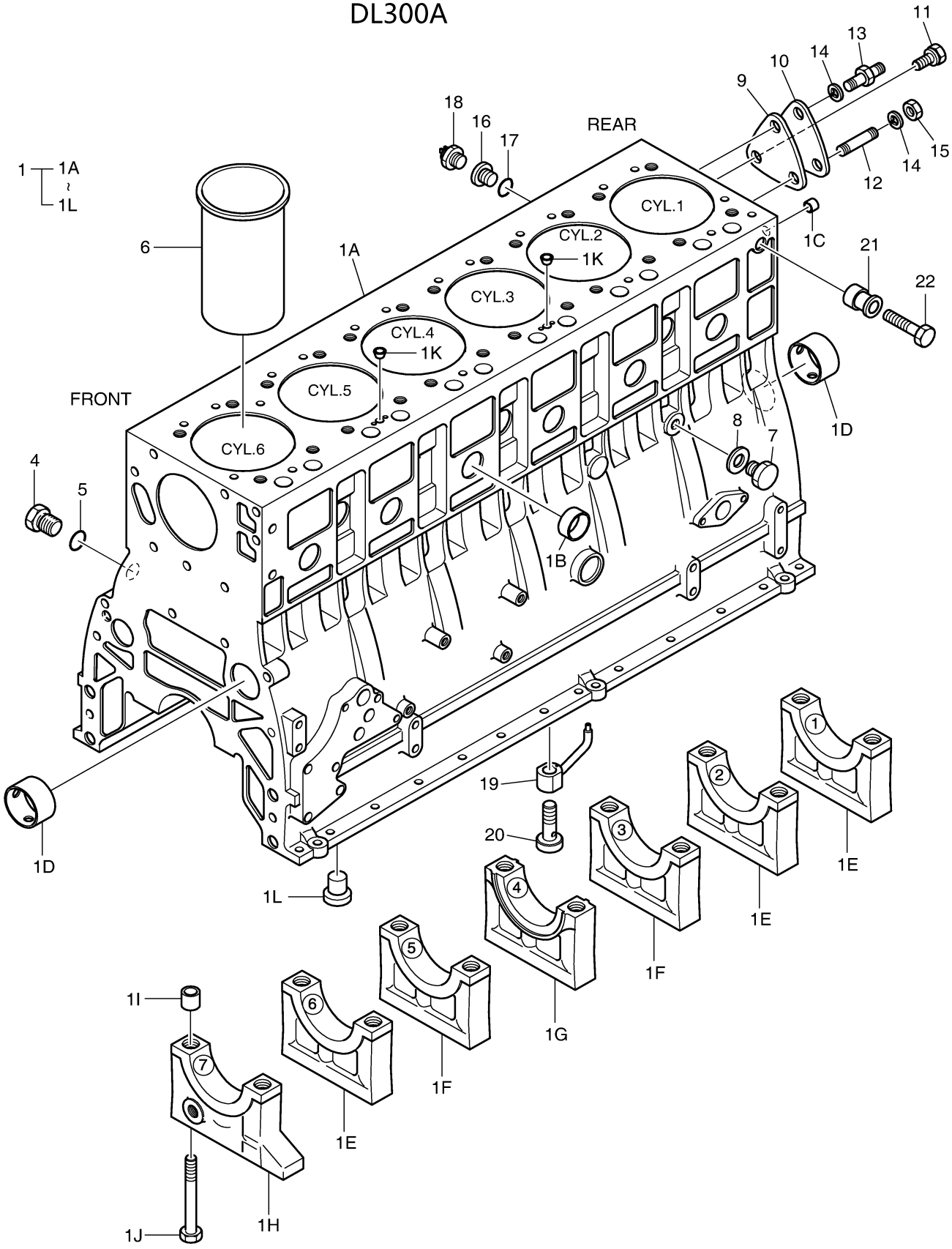
Fig. 011 CYLINDER BLOCK

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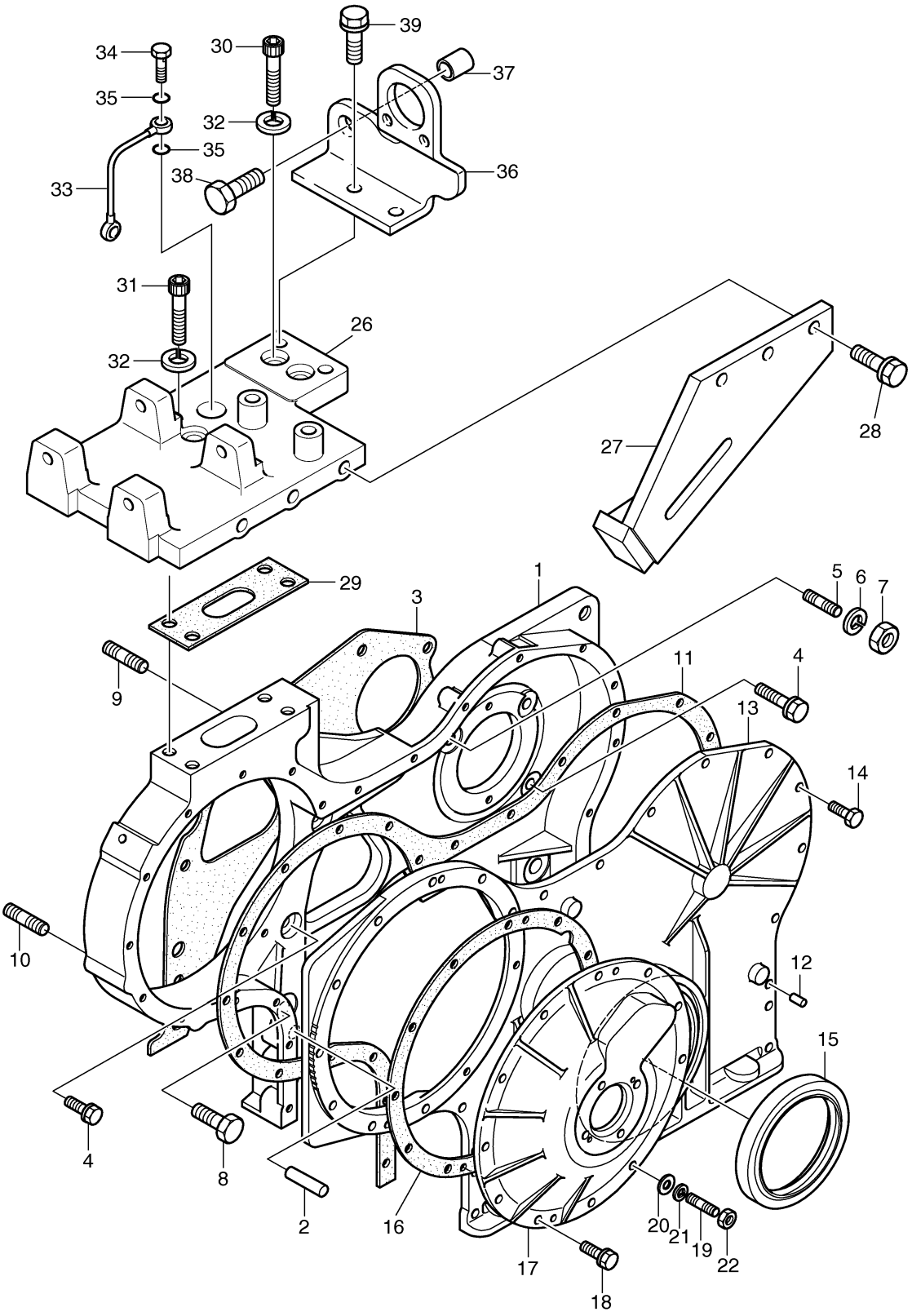


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Fig. 011 CYLINDER BLOCK

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	150102-00405	CYLINDER BLOCK ASS'Y	1					
1A	65.01101-0040Q	BLOCK;CYLINDER(T/C)	1	D				
1B	65.91606-0037	PLUG;CORE	9					
1C	65.91606-0041	PLUG;CORE	2					
1D	65.04410-0017	BUSH;CAM SHAFT	4	B				
1E	65.01105-1172B	BEARING;CAP NO.1.2.6	3	D				
1F	65.01105-1160F	BEARING;CAP NO.3.5	2	D				
1G	65.01105-1156D	CAP BEARING;THRUST	1	D				
1H	140202-00123	CAP,BEARING	1	D				
1I	65.91710-0035B	RING;LOCATING	14					
1J	65.90020-0035B	BOLT;BEARING CAP	14					
1K	65.91001-0013A	PIN;CORE	2					
1L	65.91020-0013	PLUG;CORE	1					
4	65.90310-0048	SCREW;PLUG M10X1.5	6					
5	06.56180-0714	RING;SEAL	6					
6	65.01201-0050	LINER;CYLINDER	6					
7	65.90310-0091	SCREW;PLUG M12X1.5X20	1					
8	06.56190-0704	RING;SEAL	1					
9	65.96601A0042	GASKET;END COVER	1					
10	65.91605-0006B	COVER;END	1					
11	06.01913-3114	BOLT ASS'Y M8X22	1					
12	06.06225-0704	BOLT;STUD M8X20	1					
13	120122-00014	BOLT,SPACER;M8	1					
14	06.16731-2107	WASHER	2					
15	06.11063-8214	NUT	1					
16	65.98130-0194	ADAPTER	1					
17	06.56180-0714	RING;SEAL	1					
18	65.27441-7007	SWITCH;OIL PRESSURE	1					
19	65.01601-6003C	OIL SPRAY NOZZLE ASS`Y	6					
20	65.05405-6001	RELIEF VALVE ASS`Y	6					
21	65.91701-0148	SPACER	1					
22	06.01283-7524	BOLT;HEX. M16X65	1					

Fig. 012 TIMING GEAR CASE

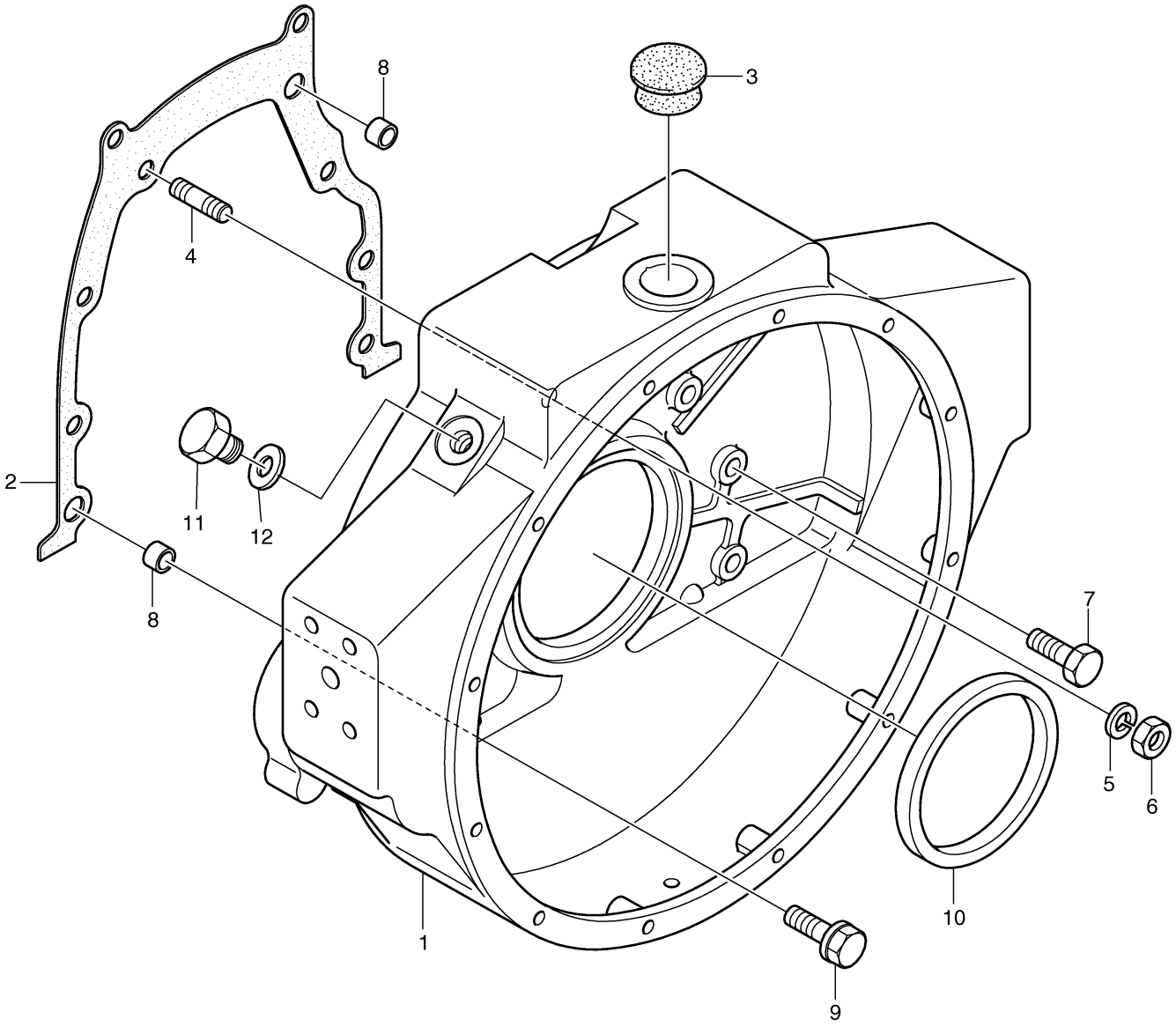


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Fig. 012 TIMING GEAR CASE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	130405-00007	CASE;TIMING GEAR	1					
2	65.91010-0018	PIN;DOWEL	2					
3	65.01903C0021	GASKET;TIMING GEAR CASE	1					
4	06.01913-3113	BOLT ASS'Y M8X20	5					
5	06.06225-0704	BOLT;STUD M8X20	1					
6	06.16731-2107	WASHER	1					
7	06.11063-8214	NUT	1					
8	06.01943-3317	BOLT ASS`Y M12X1.5X30	4					
9	65.90201-0048	BOLT;STUD	1					
10	06.06225-0809	BOLT;STUD M10X35	6					
11	65.01903B0113	GASKET;T.G.C COVER	1					
12	06.22022-0907	PIN;DOWEL 6M6X10	2					
13	65.01305-5028C	COVER;TIMING GEAR CASE	1					
14	06.01923-2914	BOLT ASS`Y M6X22	13					
15	65.01510-0157	SEAL;OIL	1					
16	65.01903B0029	GASKET;COVER	1					
17	65.01307-5002	COVER;TIMING GEAR CASE	1					
18	06.01923-2918	BOLT ASS`Y M6X35	9					
19	65.90201-0146	BOLT;STUD M6X16	2					
20	06.15010-2309	WASHER;PLAIN	2					
21	06.16731-2105	WASHER	2					
22	06.11063-8212	NUT	2					
26	65.54302-0021A	PLATE;AIR COMPRESSOR	1					
27	65.95840-0033	BRACKET;IDLE PULLEY	1					
28	06.01913-3215	BOLT ASS'Y M10X25	3					
29	65.54903A0013	GASKET	1					
30	06.02090-0511	BOLT;SOCKET M10X22	2					
31	06.02090-0513	BOLT;SOCKET	2					
32	06.16731-2108	WASHER;SPRING	4					
33	65.05701-5456	OIL PIPE ASS'Y	1					
34	65.98150-0056	SCREW;HOLLOW	1					
35	06.56180-0712	RING;SEAL	2					
36	65.54306-0003	ANGLE;BRACKET	1					
37	65.91701-0273	RING;SPACER	1					
38	06.01013-9517	BOLT;HEX M16X60	1					
39	06.01913-3215	BOLT ASS'Y M10X25	2					

Fig. 013 FLYWHEEL HOUSING

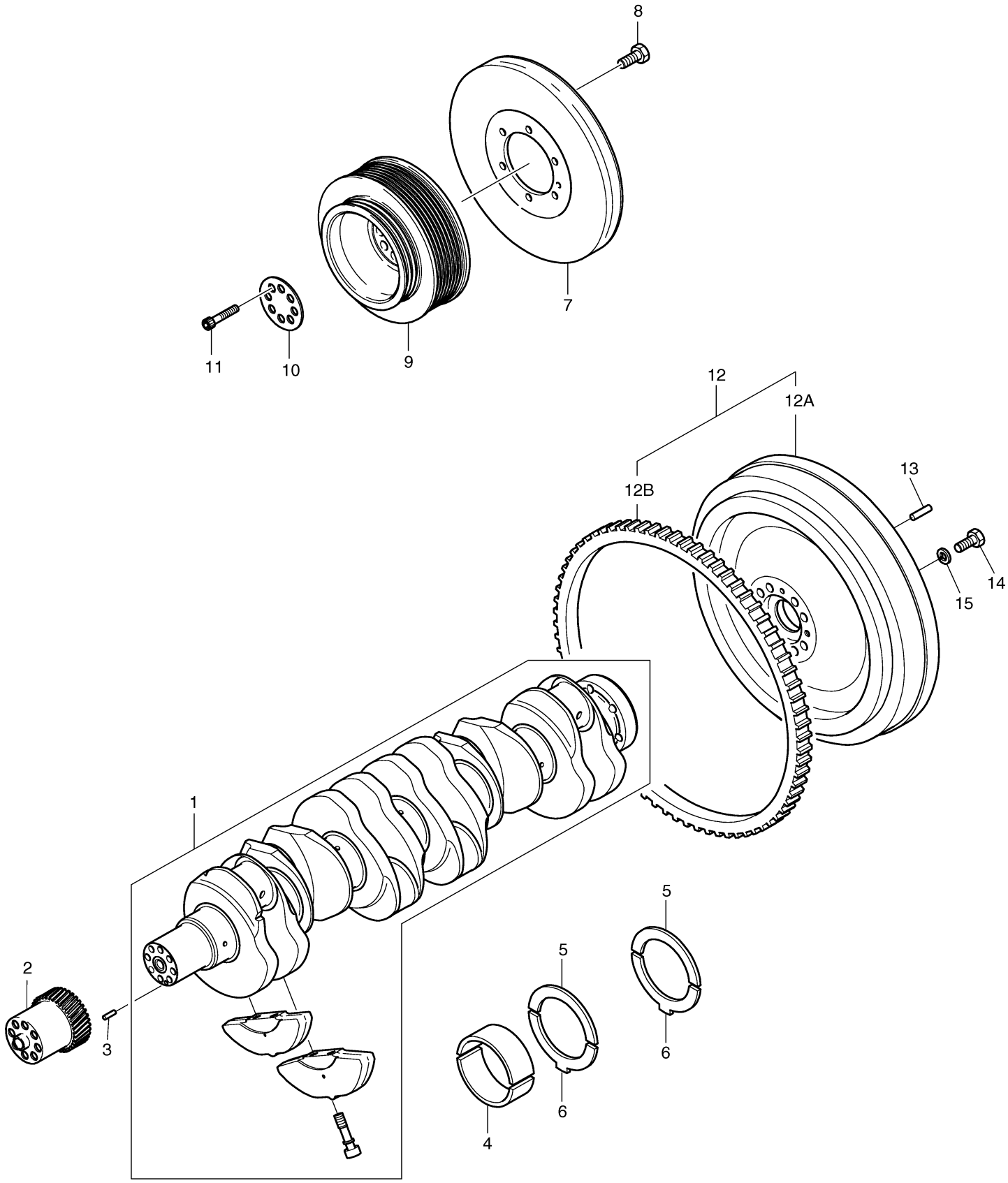


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Fig. 013 FLYWHEEL HOUSING

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01401-0295B	HOUSING;FLY WHEEL	1					
2	65.01903A0178	GASKET;FLYWHEEL HOUSING	1					
3	65.96002-0003	PLUG;RUBBER	1					
4	06.06176-8309	BOLT,STUD	1					
5	06.16731-2109	WASHER;SPRING A12	1					
6	06.11063-9216	NUT;HEX. M12X1.5	1					
7	06.01943-3319	BOLT ASS'Y M12X1.5X40	7					
8	65.91710-0016	RING;STOPPER	2					
9	06.01943-3320	BOLT ASS`Y M12X1.5X45	2					
10	65.01510-0037	SEAL;OIL REAR	1					
11	06.08092-2405	PLUG SCREW M16 X 1.5	1					
12	06.56190-0709	SEAL;RING	1					

Fig. 014 CRANK SHAFT



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Fig. 014 CRANK SHAFT

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	150107-00183	CRANK SHAFT	1					
2	65.02115-0040K	GEAR;CRANK SHAFT	1		~130307			
2	130410-00044A	GEAR,CRANKSHAFT	1		130308~			
3	06.22022-0912	PIN;DOWEL	1					
4	65.01110-6351	METAL;MAIN STD	7					
4	65.01110-6352	METAL;MAIN 0.25	7	US				
4	65.01110-6353	METAL;MAIN 0.50	7	US				
5	65.01150-0015	WASHER;THRUST(UPPER)	2					
5	65.01150-0019	WASHER;THRUST(0.25)	2					
5	65.01150-0020	WASHER;THRUST(0.50)	2					
6	65.01150-0016A	WASHER;THRUST(LOWER)	2					
6	65.01150-0023A	WASHER;THRUST(0.25)	2	OS				
6	65.01150-0024A	WASHER;THRUST(0.50)	2	OS				
7	65.02201-7032	DAMPER;VIBRATION	1					
8	65.90020-0062B	BOLT;HEX M10X20	6					
9	65.02601-0168	PULLEY;V-BELT	1					
10	65.90701-0088	WASHER	1					
11	06.02106-0619	BOLT;SOCKET HEAD	8					
12	150111-00084	FLYWHEEL ASSY	1					
12A	65.02301-0264A	FLYWHEEL	1					
12B	130422-00034	GEAR,RING	1					
13	06.22022-1010	PIN;DOWEL	1					
14	65.90001-0084	BOLT;HEX. M14X1.5X40	6					
15	06.16731-2110	WASHER;SPRING	6					

Fig. 015 PISTON

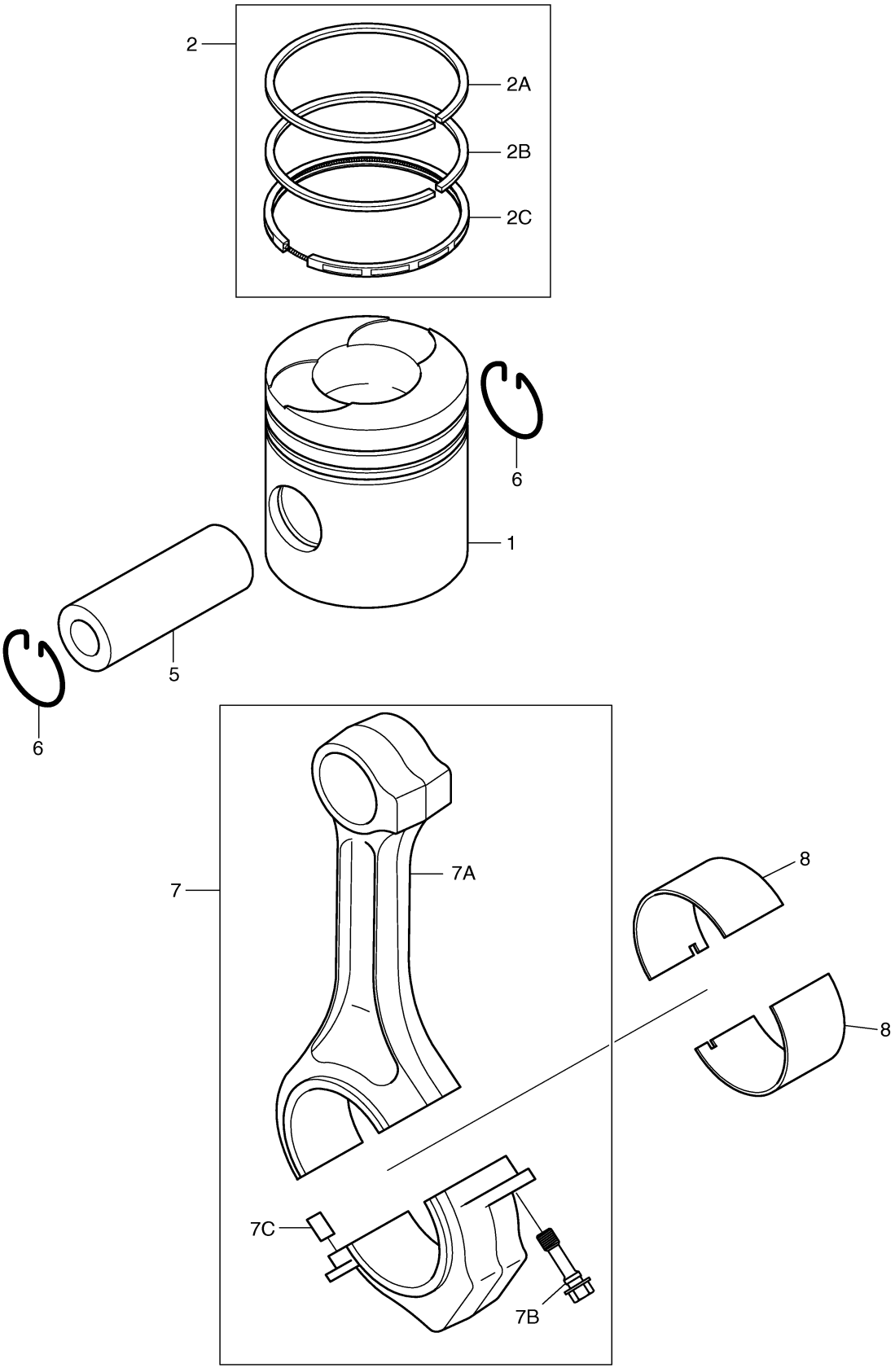
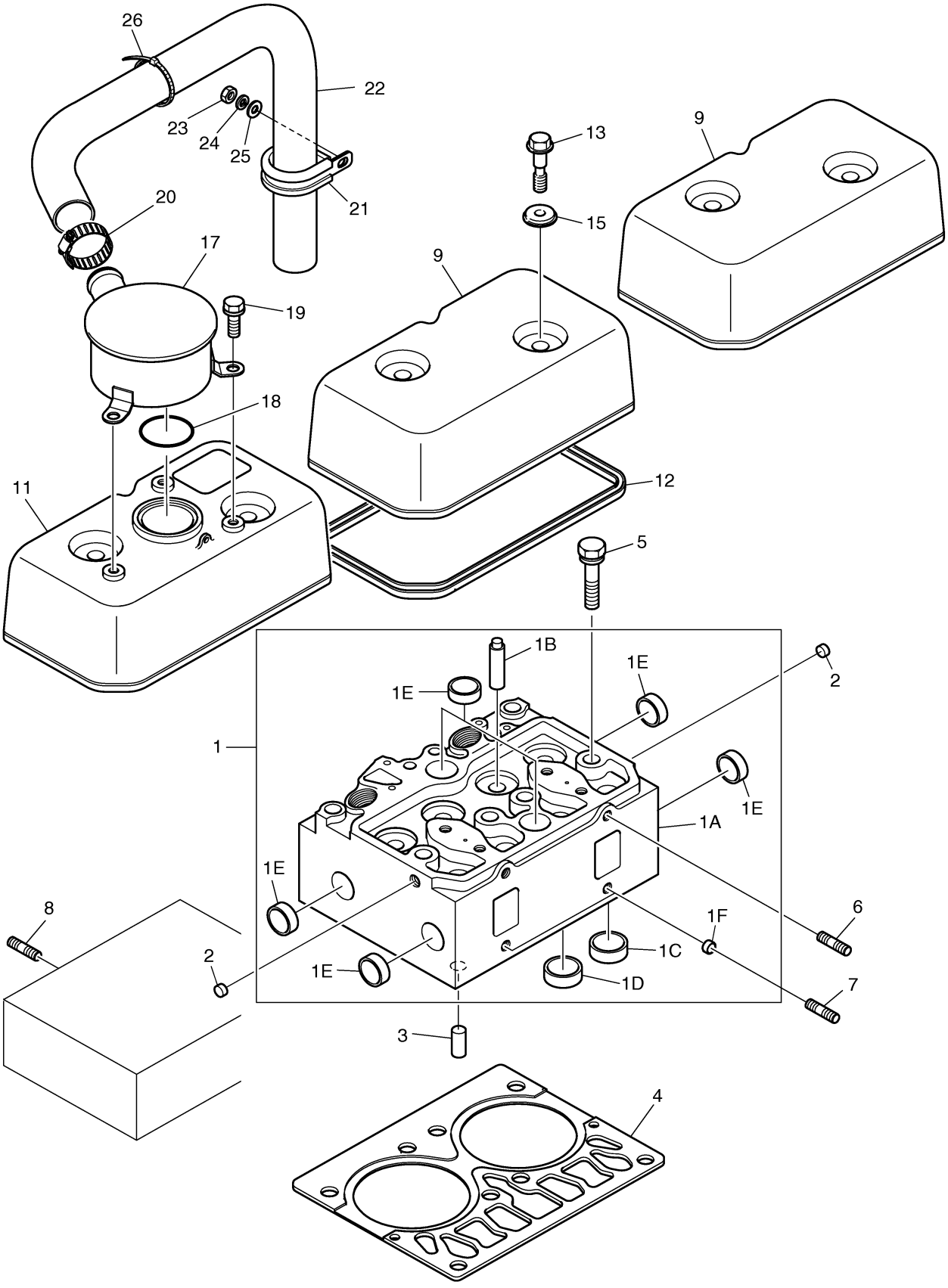


Fig. 015 PISTON

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.02501-0228B	PISTON	6					
2	65.02503-8146	PISTON RING KIT	1					
2A	-	RING;TOP 111X3.5	6	K				
2B	-	RING;SECOND 111X3.5	6	K				
2C	-	RING;OIL 111X4	6	K				
5	65.02502-0010	PIN;PISTON 42X20X95	6					
6	06.29020-0126	RING;SNAP 42X1.75	12					
7	65.02401-6018C	CONNECTING ROD ASS`Y	6					
7A	65.02401-0005A	ROD;CONNECTING	1	D				
7B	65.90020-0009D	BOLT;CONNECTING ROD	2					
7C	65.02405-0010	BUSH;CONNECTING ROD	1	B				
7D	65.91301-0010	PIN;DOWEL	2					
8	65.02410-0010	METAL;CONNECTING ROD(STD)	6					
8	65.02410-0011	METAL;CONNECTING ROD 0.25	6					
8	65.02410-0012	METAL;CONNECTING ROD 0.5	6					

Fig. 016 CYLINDER HEAD

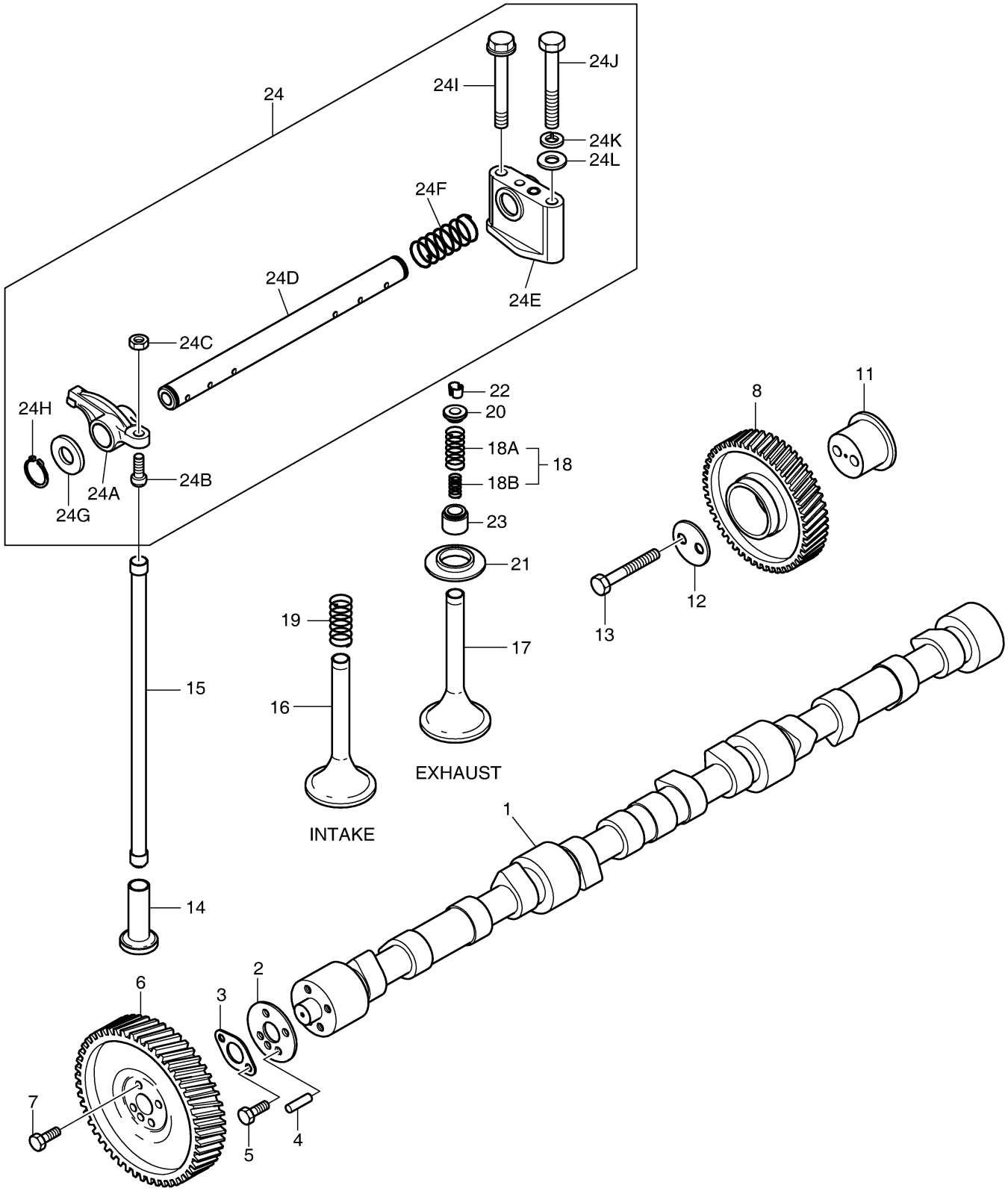


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Fig. 016 CYLINDER HEAD

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	150113-00036A	CYLINDER HEAD ASS'Y	3					
1A	150113-00200	HEAD,CYLINDER	1	D				
1B	65.03201-1061	GUIDE,VALVE	4	B				
1C	65.03203-1028D	RING;VALVE SEAT EXHAUST	2	B				
1D	65.03203-1029G	RING;VALVE SEAT INTAKE	2	B				
1E	65.90302-0041	PLUG;CORE	7					
1F	65.91001-0013A	PIN;CORE	2					
2	65.91001-0013A	PIN;CORE	6					
3	06.22022-0909	PIN;DOWEL 6M6X14	6					
4	65.03901-0070A	GASKET;CYLINDER HEAD	3					
5	65.90021-0007	BOLT;CYLINDER HEAD	24					
6	120117-00053	BOLT,STUD	6					
7	120117-00046	BOLT,STUD	6					
8	06.06225-0809	BOLT;STUD M10X35	2					
9	65.03401-0021I	COVER;CYLINDER HEAD	1					
11	65.03401-6044B	COVER;CYLINDER HEAD	1					
12	65.03905-0022	GASKET;CYLINDER HEAD	3					
13	65.90020-0073	BOLT;COLLARED HEX.	6					
15	400603-00049	GASKET;CYL. HEAD COVER	6					
17	65.01801-5099C	BREATHER HOUSING ASS'Y	1					
18	65.96501-0033B	O-RING	1					
19	06.01923-3113	BOLT ASS'Y M8X20	3					
20	06.67020-0105	CLAMP;HOSE	1					
21	65.97401-0188	CLIP;PIPE	1					
22	65.96301-0294	HOSE;RUBBER	1		120828~120828			
22	420108-00763	HOSE,RUBBER	1		120829~			
23	06.11063-8214	NUT	1					
24	06.16731-2107	WASHER	1					
25	06.15010-2311	WASHER	1					
26	65.97460-0002	CABLE TIA	1					

Fig. 017 CAM SHAFT



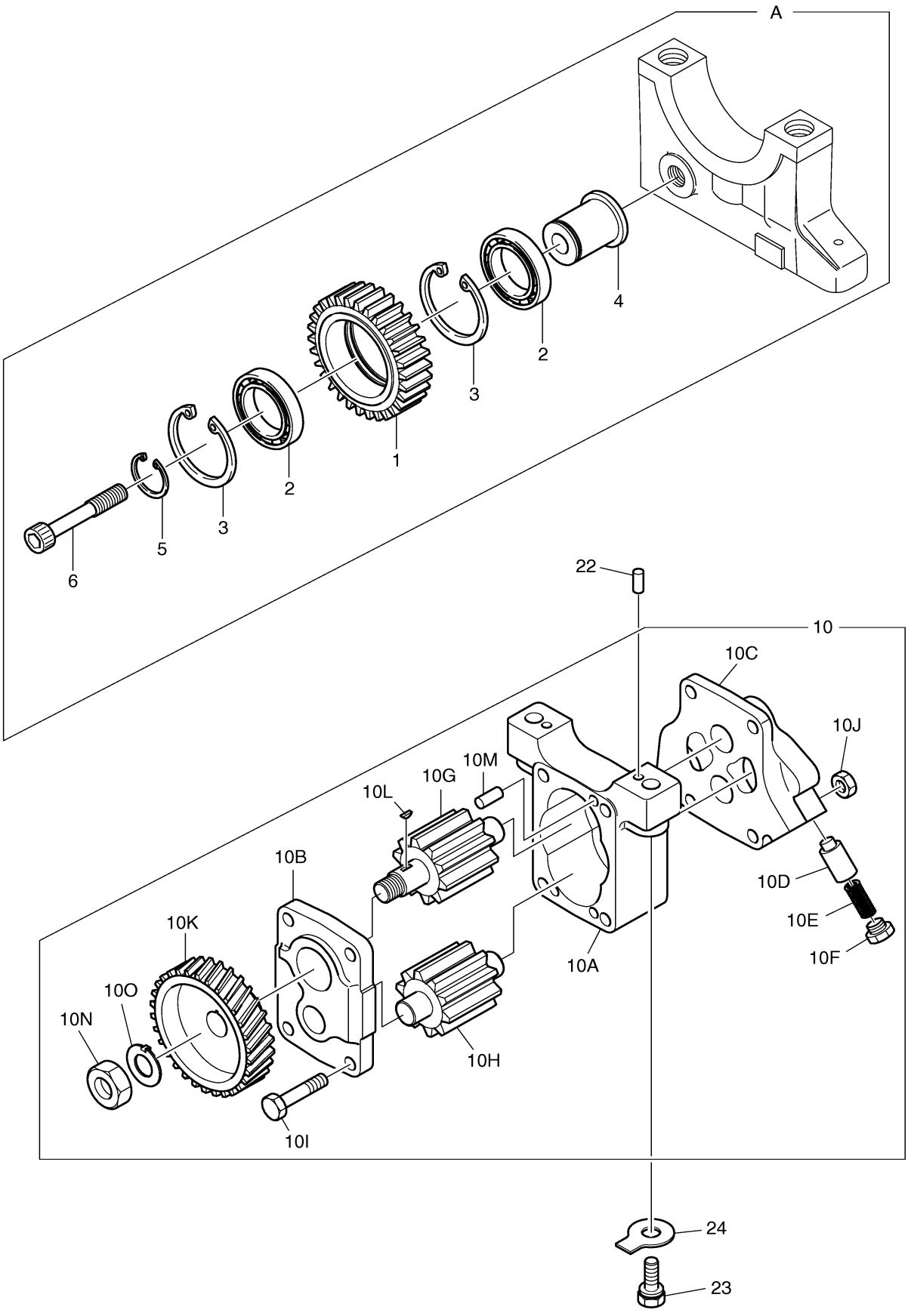
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Fig. 017 CAM SHAFT

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	150103-00054	CAMSHAFT	1					
2	65.90720-0099	WASHER;THRUST	1					
3	65.98112-0038	FLANGE	1					
4	65.90001-6003	BOLT ASS`Y M6X14	2					
5	06.22022-1016	PIN;DOWEL	1					
6	65.04501-0057	GEAR;CAM SHAFT	1					
7	65.90020-0086	BOLT;COLLARED HEX.	4					
8	65.04505-5008A	IDLE GEAR ASS`Y	1		~130307			
8	130428-00081A	GEAR ASSY,IDLE	1		130308~			
11	65.04506-0008	PIN;IDLE GEAR	1					
12	65.90720-0019	WASHER;THRUST	1					
13	06.01914-3126	BOLT;HEX. M8X75	2					
14	65.04301-0005	TAPPET	12					
15	65.04302-5010	PUSH ROD	12					
16	65.04101-0041	VALVE;INTAKE	6					
17	65.04101-0042	VALVE;EXHAUST	6					
18	65.04102-6002	SPRING;VALVE(EXHAUST)	6					
18A	65.04102-0003	SPRING;VALVE(EXHAUST	1					
18B	65.04102-0004	SPRING;VALVE(EXHAUST INNER)	1					
19	65.04102-0007	SPRING;VALVE(INTAKE)	6					
20	65.04103-0013	RETAINER;VALVE SPRING	12					
21	65.04103-0009	SEAT;VALVE SPRING	12					
22	65.04104-0006	COTTER;VALVE	24					
23	65.04902-0013	SEAL;VALVE STEAM	12					
24	65.04200-6025E	ROCKER ARM ASS'Y	3					
24A	65.04201-5013E	ROCKER ARM	4					
24B	65.04205-0003A	BOLT;ADJUSTING	4					
24C	65.90501-0003	NUT	4					
24D	65.04203-5009	ROCKER ARM SHAFT ASS`Y	1					
24E	65.04202-0017A	BRACKET;ROCKER ARM	2					
24F	65.97601-0055	SPRING;ROCKER ARM SHAFT	1					
24G	65.90710-0039	WASHER;ROCKER ARM	2					
24H	06.29010-0120	RING;SNAP	2					
24I	65.90020-0056	BOLT;HEX. M12X1.5X80	2					
24J	06.01013-9221	BOLT;HEX. M10X80	2					
24K	06.16731-2108	WASHER;SPRING	2					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
24L	06.15030-0514	WASHER;PLAIN	2					

Fig. 018 INTERMEDIATE GEAR



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Fig. 018 INTERMEDIATE GEAR

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
A	65.05200-6034	IDLE GEAR ASS`Y	1	D				
1	65.05204-0036	GEAR;IDLE	1					
2	06.31420-0314	BEARING;BALL	2					
3	06.29020-0132	SNAP RING 55X2	2					
4	65.05205-0018	PIN;IDLE GEAR	1					
5	06.29010-0125	RING;SNAP 30X2	1					
6	65.90030-0009	BOLT;SOCKET HEAD M10X60	1					
10	65.05100-6022	OIL PUMP ASS'Y	1					
10A	65.05102-0014	HOUSING;OIL PUMP	1					
10B	65.05103-5015	OIL PUMP COVER(FRONT)	1					
10C	65.05103-5012	OIL PUMP COVER(REAR)	1					
10D	65.05410-0025	PLUNGER;VALVE	1					
10E	65.97601-0110	SPRING;COMPRESSION	1					
10F	65.90310-0104	SCREW;PLUG	1					
10G	65.05104-5004	GEAR;PUMP	1					
10H	65.05104-5003	GEAR	1					
10I	06.01013-9118	BOLT;HEX. M8X65	4					
10J	65.90510-0012	NUT	4					
10K	65.05201-0037	GEAR;OIL PUMP DRIVE	1					
10L	06.29141-0207	KEY;WOODRUFF	1					
10M	06.22022-0909	PIN;DOWEL 6M6X14	4					
10N	06.11053-9217	NUT;HEX.	1					
10O	06.16050-0311	WASHER;LOCK	1					
22	06.22022-0907	PIN;DOWEL 6M6X10	2					
23	06.01013-9215	BOLT;HEX. M10X50	2					
24	65.90801-0018	WASHER;LOCK	2					

Fig. 018A INTERMEDIATE GEAR

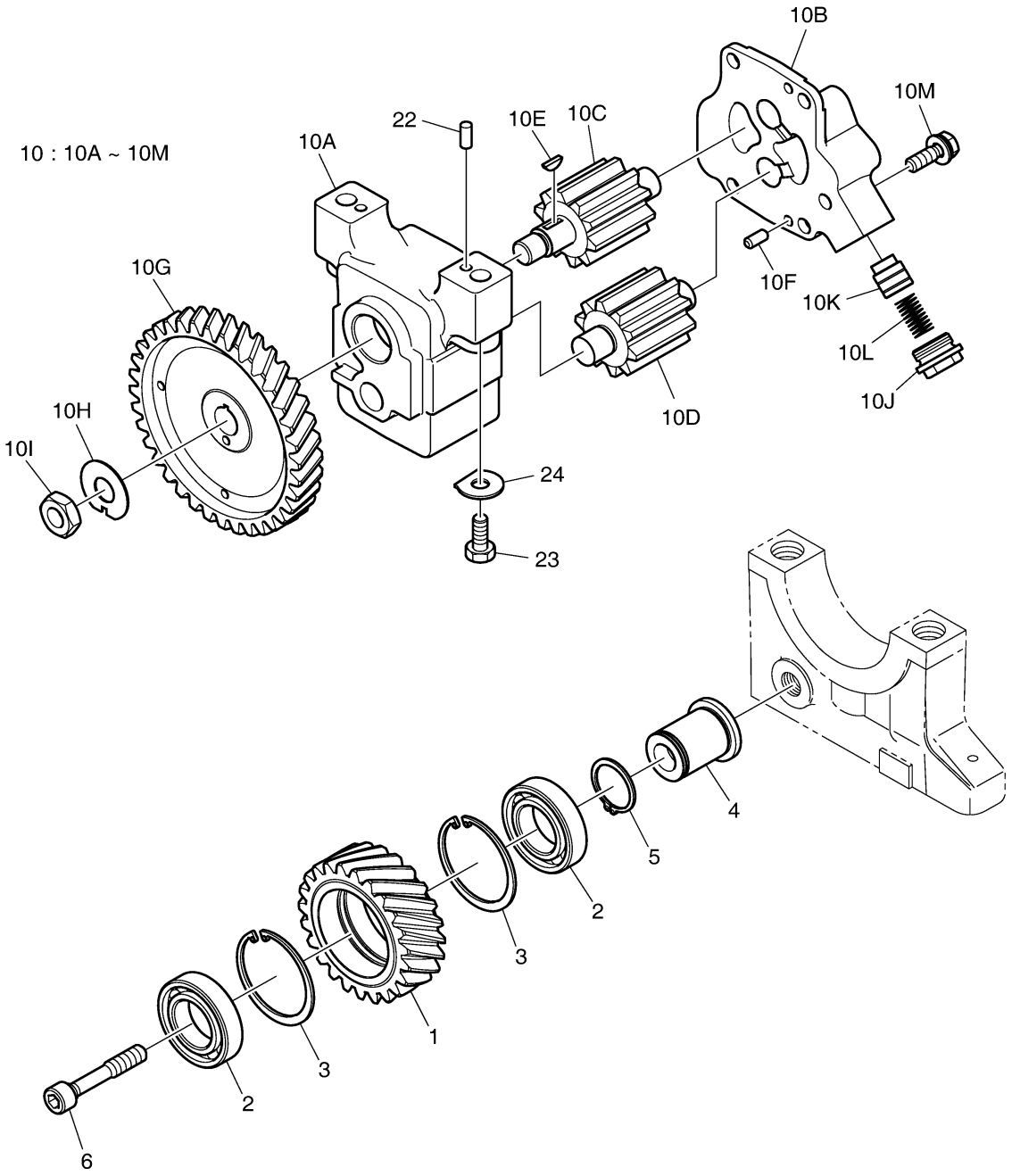


Fig. 018A INTERMEDIATE GEAR

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.05204-0036	GEAR;IDLE	1					
2	06.31420-0314	BEARING;BALL	2					
3	06.29020-0132	SNAP RING 55X2	2					
4	65.05205-0018	PIN;IDLE GEAR	1					
5	06.29010-0125	RING;SNAP 30X2	1					
6	65.90030-0009	BOLT;SOCKET HEAD M10X60	1					
10	400915-00022A	PUMP ASSY,OIL	1					
10A	400923-00016A	HOUSING,OIL PUMP	1	D				
10B	110508-00293	OIL PUMP COVER(REAR)	1					
10C	65.05104-5004	GEAR;PUMP	1					
10D	65.05104-5005	GEAR;PUMP	1					
10E	06.29141-0207	KEY;WOODRUFF	1					
10F	06.22022-0909	PIN;DOWEL 6M6X14	2					
10G	65.05201-0037	GEAR;OIL PUMP DRIVE	1					
10H	06.16050-0311	WASHER;LOCK	1					
10I	06.11053-9217	NUT;HEX.	1					
10J	65.90310-0104	SCREW;PLUG	1					
10K	65.05410-0007	PLUNGER;VALVE	1					
10L	65.97601-0105	SPRING;COMP.	1					
10M	06.01923-3115	BOLT ASS'Y M8X25	4					
22	06.22022-0907	PIN;DOWEL 6M6X10	2					
23	06.01013-9218	BOLT;HEX. M10X65	2					
24	65.90801-0018	WASHER;LOCK	2					

Fig. 019 OIL FILTER

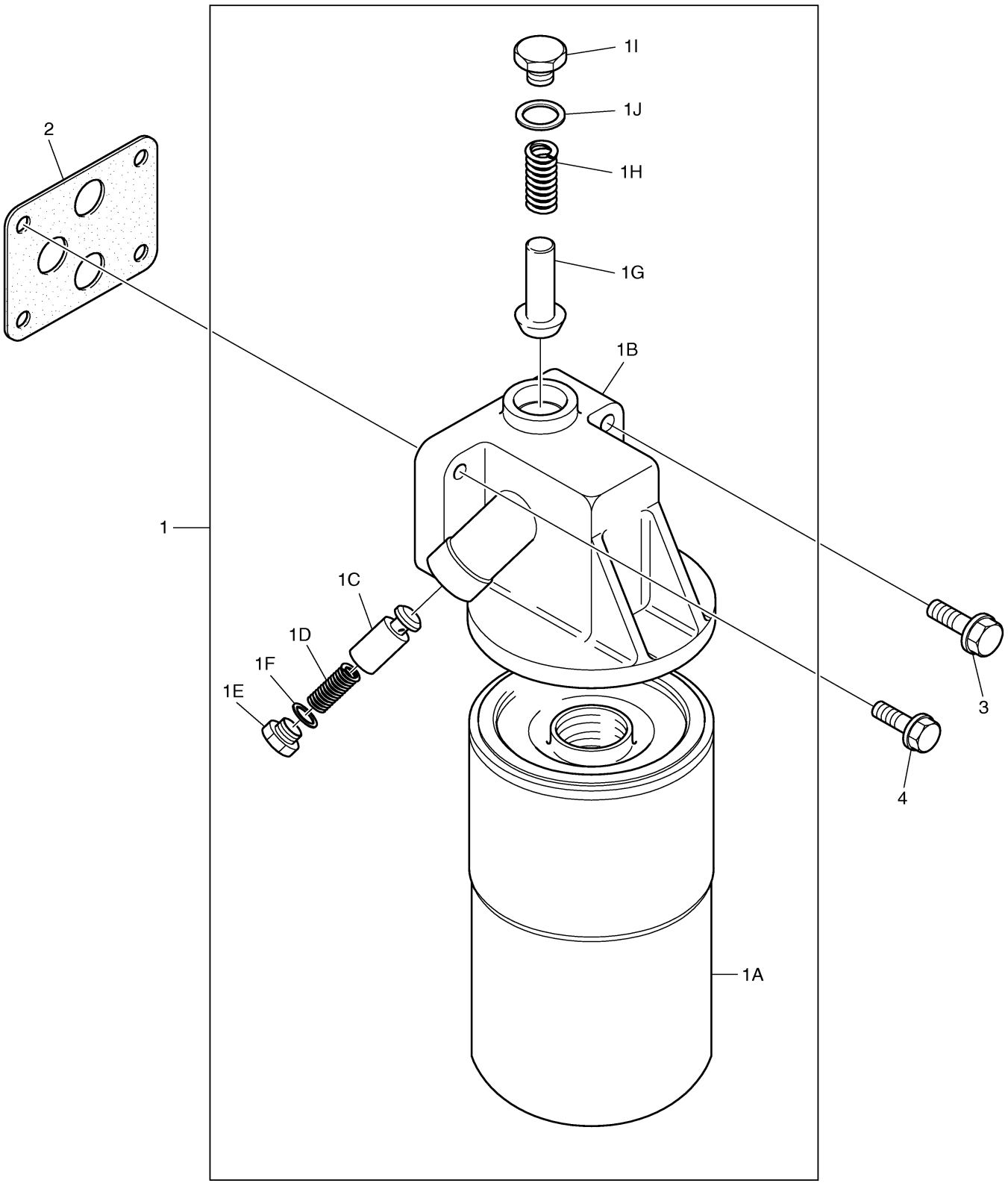
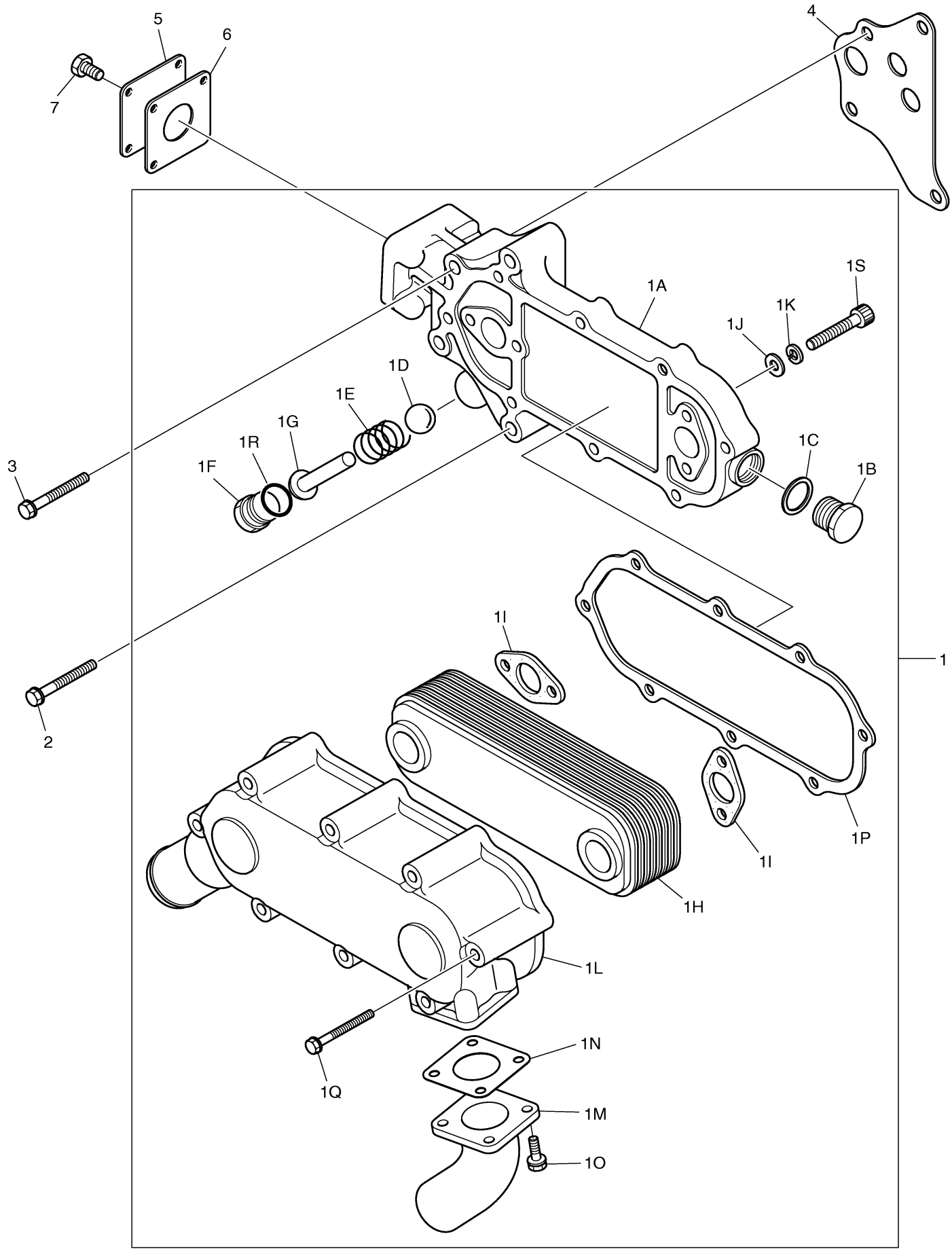


Fig. 019 OIL FILTER

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.05501-7064B	OIL FILTER ASS'Y	1					
1A	65.05510-5022B	CARTRIDGE;OIL FILTER	1					
1B	65.05503-5042	HEAD;FILTER	1					
1C	65.05518-0003	VALVE;PLUNGER	1					
1D	65.97601-0065	SPRING	1					
1E	65.90310-0057	SCREW;PLUG	1					
1F	06.56190-0716	RING;SEAL	1					
1G	65.05518-0006	VALVE	1					
1H	65.97601-0075	SPRING	1					
1I	65.90310-0065	SCREW;PLUG	1					
1J	06.56190-0726	SEAL;RING	1					
2	65.05901A0052	GASKET;OIL FILTER	1					
3	06.01913-3122	BOLT ASS'Y M8X55	2					
4	06.01913-3118	BOLT ASS'Y M8X35	2					

Fig. 020 OIL COOLER

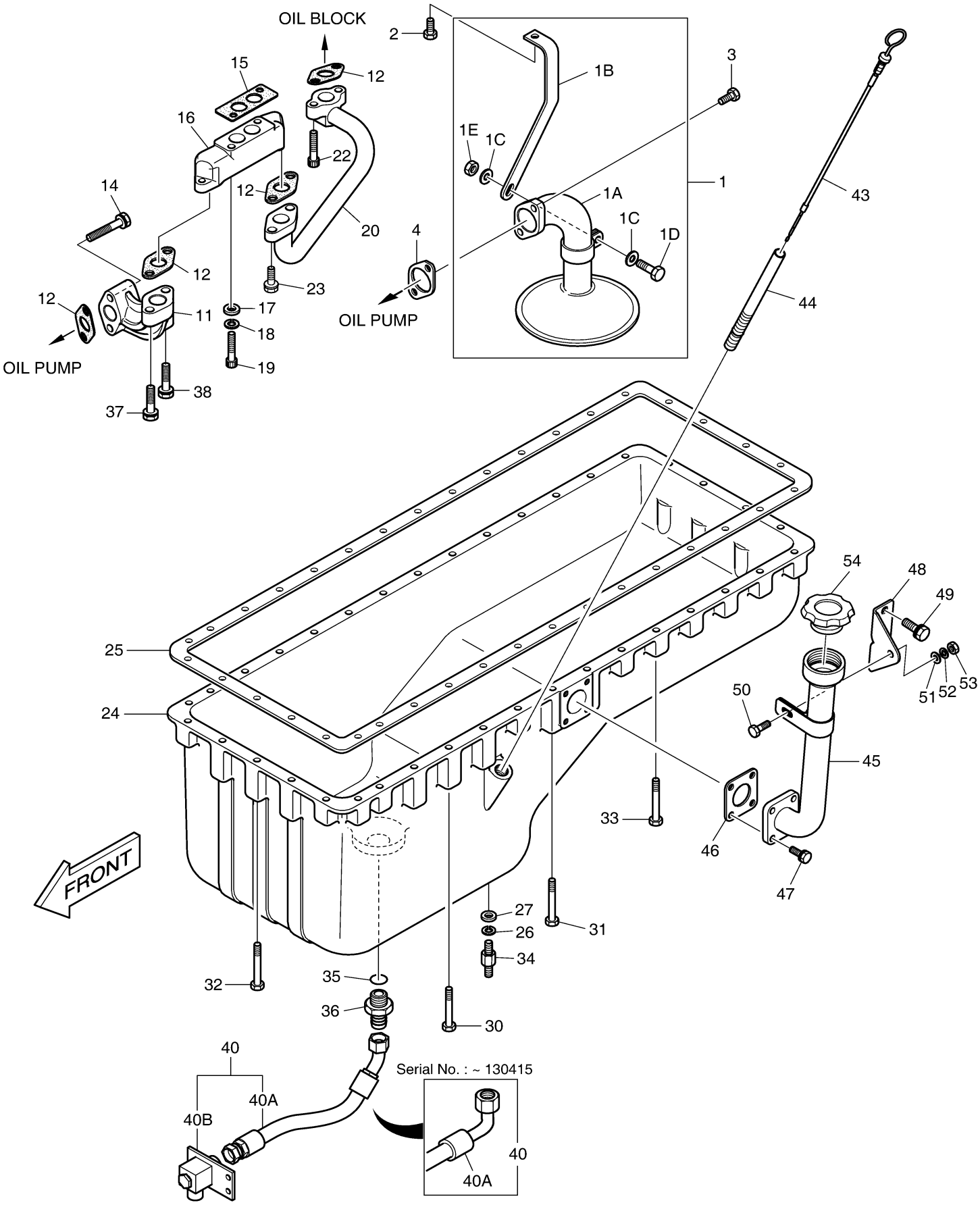


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Fig. 020 OIL COOLER

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.05601-7137B	OIL COOLER ASS'Y	1					
1A	65.05604-5030	HOUSING;OIL COOLER	1					
1B	65.90310-0136A	SCREW;PLUG	1					
1C	06.56190-0718	RING;SEAL	1					
1D	06.31641-0429	BALL;BY-PASS	1					
1E	65.97601-0004	SPRING	1					
1F	65.90310-0003	SCREW;PLUG M26X1.5	1					
1G	65.05611-0001	PIN	1					
1H	65.05606-5020	ELEMENT;OIL COOLER	1					
1I	65.96601-0018A	GASKET;OIL COOLER	2					
1J	06.15030-0513	WASHER;PLAIN	4					
1K	06.16110-0106	WASHER	4					
1L	65.05605-0028A	COVER;OIL COOLER	1					
1M	65.06301-0160	PIPE;COOLING WATER	1					
1N	65.96601-0029	GASKET;FLANGE	1					
1O	06.01923-3112	BOLT ASS'Y M8X18	4					
1P	65.05902-0008A	GASKET;OIL COOLER COVER	1					
1Q	06.01923-3126	BOLT;HEX. M8X75	8					
1R	06.56190-0728	RING;SEAL	1					
1S	06.02090-0418	BOLT;SOCKET HEAD M8X45	4					
2	65.90001-6011	BOLT ASS'Y M10X70	2					
3	06.01924-3225	BOLT ASS'Y M10X70	2					
4	65.05902A0011	GASKET;OIL COOLER COVER	1					
5	65.91605-0110	COVER;BLIND	1					
6	65.96601-0347	GASKET;OIL COOLER ASS`Y	1					
7	06.01913-3112	BOLT ASS'Y M8X18	4					

Fig. 021 OIL PIPE-IN OIL PAN



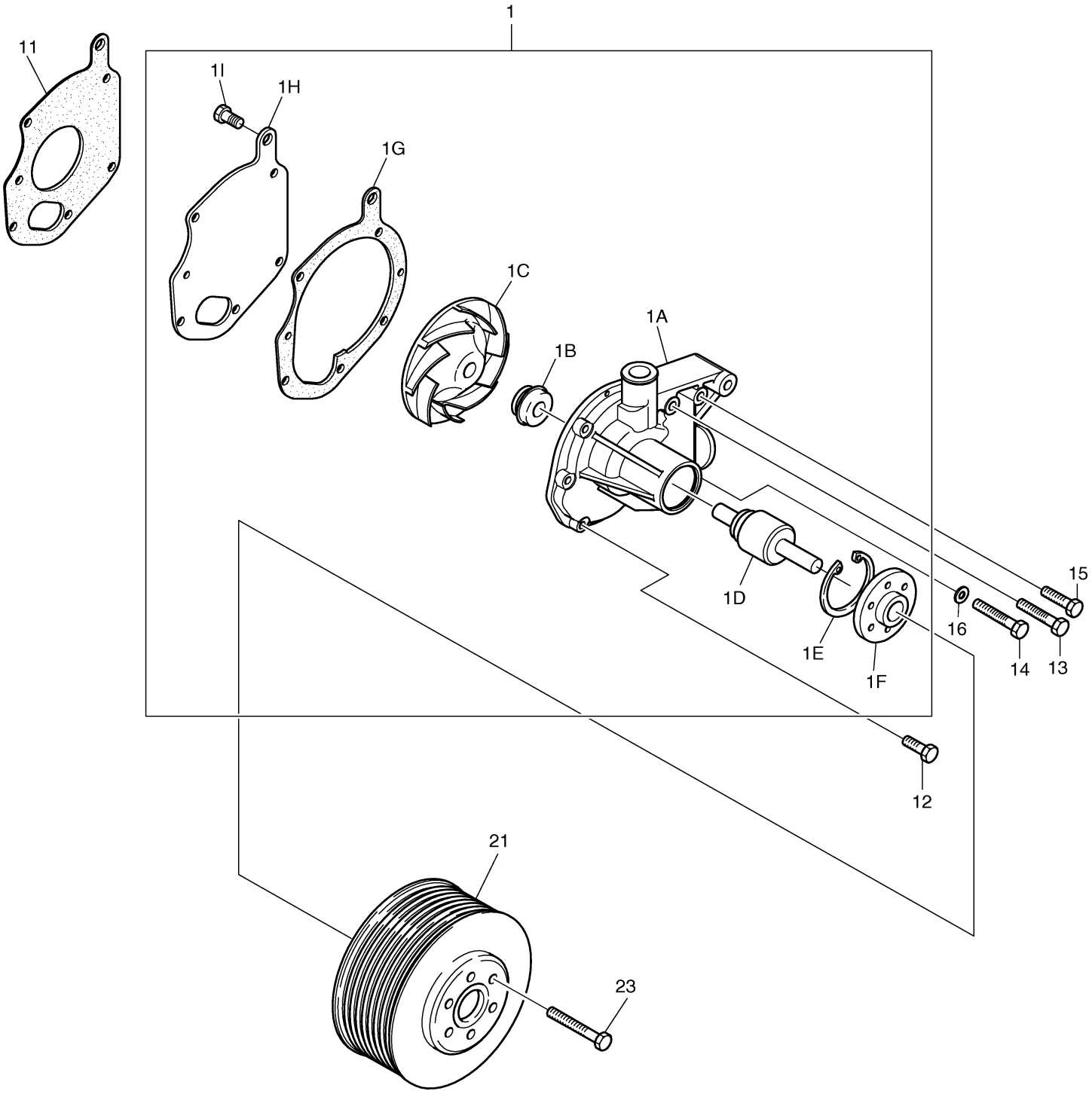
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Fig. 021 OIL PIPE-IN OIL PAN

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.05701-6075A	OIL SUCTION PIPE ASS'Y	1					
1A	65.05701-5635	OIL SUCTION PIPE ASS'Y	1					
1B	65.05740-0096	HOLDER;OIL SUCTION PIPE	1					
1C	06.15010-2311	WASHER	2					
1D	06.01283-7114	BOLT;HEX. M8X22	1					
1E	65.90510-0012	NUT	1					
2	06.01923-3111	BOLT, M8X16	1					
3	06.01923-3113	BOLT ASS'Y M8X20	2					
4	65.96601B0019	GASKET;OIL SUCTION PIPE	1					
11	65.05701-0030A	OIL PIPE ASS`Y(O/P->C/F)	1					
12	65.96601-0050	GASKET;OIL PIPE	4					
14	06.01923-3121	BOLT;HEX. M8X50	2					
15	65.05903B0003	GASKET;CONNECTING FLANGE	1					
16	65.05715-5001	CONNECTING FLANGE ASS`Y	1					
17	06.15010-2311	WASHER	2					
18	06.16731-2107	WASHER	2					
19	06.02090-0422	BOLT;SOCKET HEAD	2					
20	65.05701-5230	OIL PIPE ASS'Y	1					
22	65.90001-6006	BOLT;SOCKET HEAD M8X25	2					
23	06.01923-3113	BOLT ASS'Y M8X20	2					
24	150119-00007	OIL PAN	1					
25	65.05904A0016	GASKET;OIL PAN	1					
26	06.16731-2107	WASHER	1					
27	06.15010-2311	WASHER	5					
30	06.01923-3129	BOLT ASS'Y M8X90	3					
31	06.01913-7127	BOLT ASS'Y M8X80	4					
32	06.01923-3126	BOLT;HEX. M8X75	6					
33	06.01913-3121	BOLT ASS'Y M8X50	23					
34	65.90201-0105	STUD;BOLT	1					
35	06.56190-0732	SEAL;RING	1					
36	65.98130-0203	ADAPTER	1					
37	06.01923-3118	BOLT ASS'Y M8X35	1					
38	06.01923-3124	BOLT ASS'Y M8X65	1					
40	460102-00012	DRAIN ASSY	1		~130415			
40	460102-00035	DRAIN ASSY	1		130416~			
40A	65.96340-5013A	HOSE;DRAIN	1		~130415			

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
40A	65.96340-5039	HOSE;DRAIN	1		130416~			
40B	65.98125-5004A	COCK;DRAIN	1					
43	65.05805-5189A	GAUGE;OIL LEVEL	1					
44	65.05806-5098A	TUBE;GUIDE	1					
45	65.01813-5018	PIPE;OIL FILLER	1					
46	65.05903-0025	GASKET	1					
47	06.01913-3114	BOLT ASS'Y M8X22	4					
48	65.01840-0003	BRACKET	1					
49	06.01913-3211	BOLT ASS'Y M10X1.5X16	2					
50	06.01283-7115	BOLT M8X25	1					
51	06.15010-2311	WASHER	1					
52	06.16731-2107	WASHER	1					
53	06.11063-8214	NUT	1					
54	65.01810-5011	CAP;OIL FILLER	1					

Fig. 022 COOLING WATER PUMP

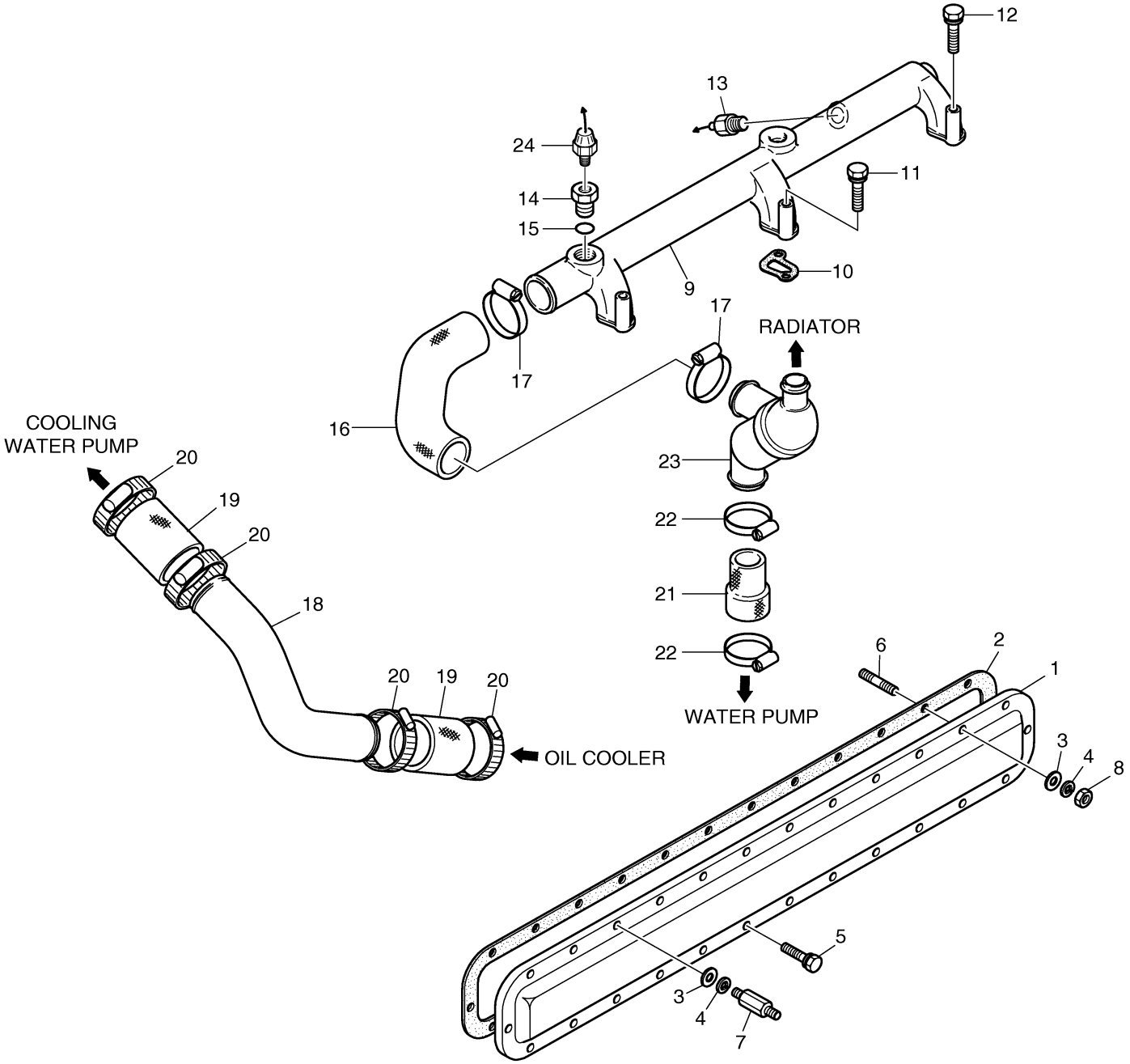


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Fig. 022 COOLING WATER PUMP

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.06500-6145D	WATER PUMP ASS`Y	1					
1A	-	HOUSING;WATER PUMP	1	D				
1B	65.06520-6007	SEAL;MECHANICAL	1					
1C	65.06506-0023	IMPELLAR	1					
1D	65.93410-0087	BEARING	1					
1E	06.29020-0132	SNAP RING 55X2	1					
1F	65.06504-0030A	HUB	1					
1G	65.06901A0019	GASKET;WATER PUMP INNER	1					
1H	65.06512-0010	COVER;WATER PUMP	1					
1I	06.04201-8907	BOLT;SLOTTED HEAD M6X14	3					
11	65.06901A0020	GASKET;WATER PUMP	1					
12	06.01913-3121	BOLT ASS'Y M8X50	3					
13	06.01913-3125	BOLT ASS`Y M8X70	1					
14	06.01013-9121	BOLT ASS`Y M8X80	1					
15	06.01914-3225	BOLT;HEX. M10X70	1					
16	06.16731-2107	WASHER	1					
21	65.06606-0037	PULLEY;V-BELT	1					
23	06.01913-3113	BOLT ASS'Y M8X20	6					

Fig. 023 COOLING SYSTEM

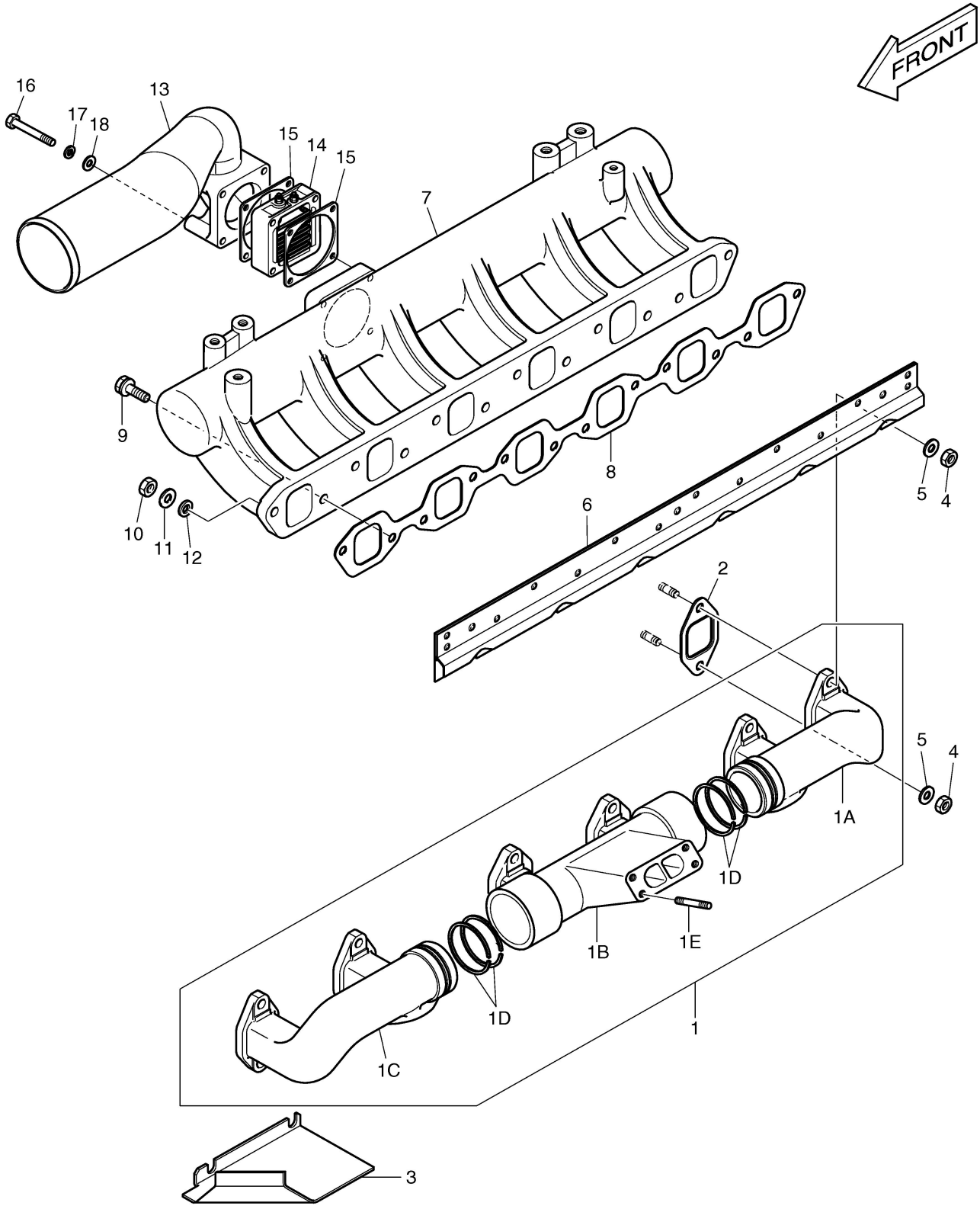


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Fig. 023 COOLING SYSTEM

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01705-0002B	COVER;WATER CHAMBER	1					
2	65.01907A0002	GASKET;WATER CHAMBER	1					
3	06.15010-2311	WASHER	12					
4	06.16731-2107	WASHER	12					
5	06.01923-3115	BOLT ASS'Y M8X25	14					
6	65.90201-0149	BOLT;STUD M8X25	10					
7	120122-00014	BOLT,SPACER;M8	2					
8	06.11063-8214	NUT	11					
9	65.06301-0134C	PIPE;COOLING WATER	1					
10	65.06903A0011	GASKET;COOLING WATER PIPE	3					
11	06.01923-3122	BOLT ASS`Y M8X55	3					
12	06.01923-3124	BOLT ASS'Y M8X65	3					
13	65.27435-6003	SWITCH;WATER TEMP	1					
14	65.90310-0168	SCREW;PLUG M26X1.5	1					
15	06.56190-0728	RING;SEAL	1					
16	65.96301-0257	HOSE;RUBBER	1					
17	06.67020-0109	CLAMP;HOSE	2					
18	65.06301-0083	PIPE;COOLING WATER	1					
19	04.27405-1908A	HOSE;RUBBER M50X62X80	2					
20	06.67020-0109	CLAMP;HOSE	4					
21	65.96301-0258	HOSE;RUBBER	1					
22	06.67020-0106	CLAMP;HOSE	2					
23	300738-00085	THERMOSTAT ASSY	1					
24	66.27435-6008	SWITCH;THERMO	1					

Fig. 024 INTAKE & EXHAUST MANIFOLD

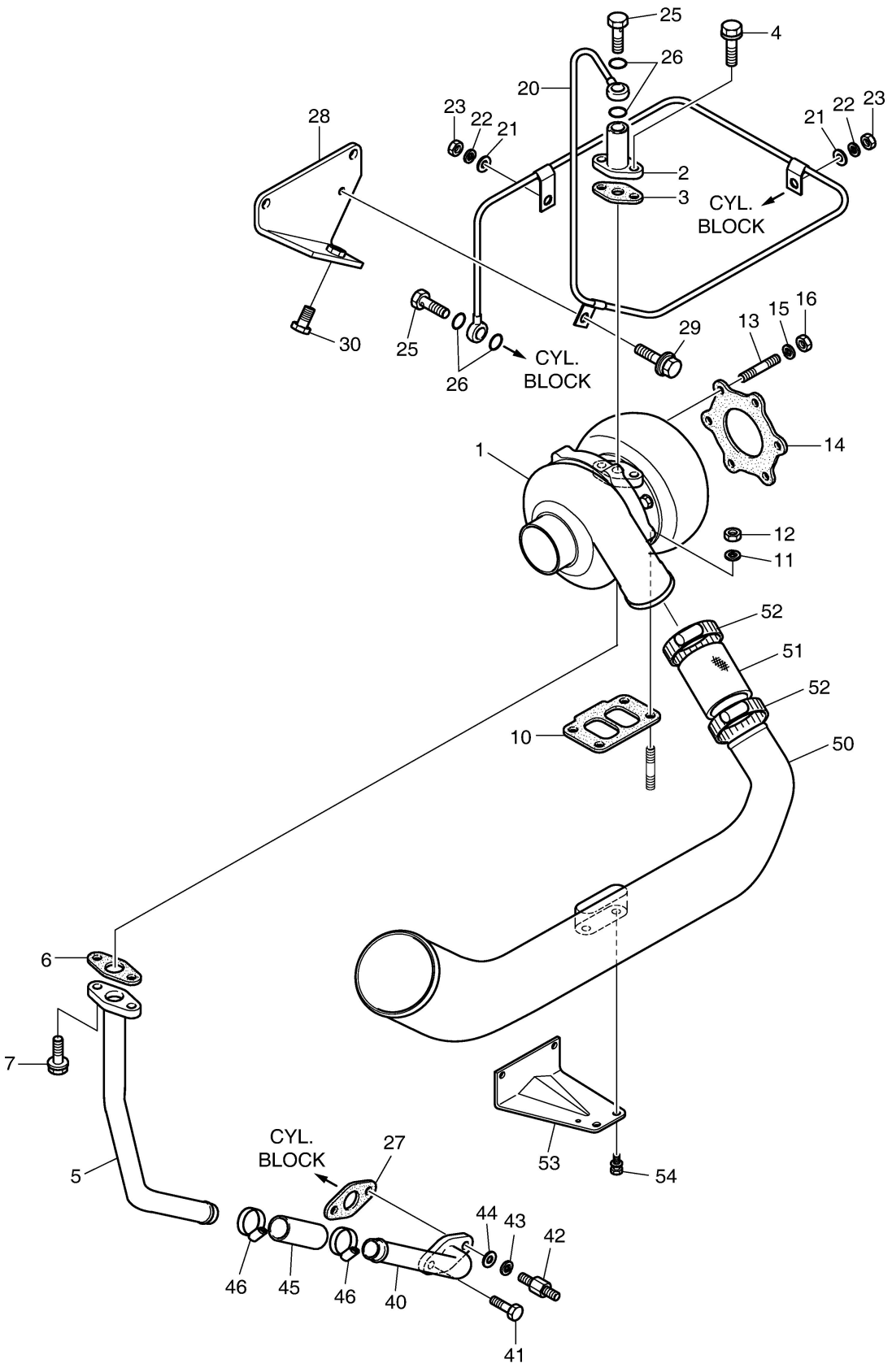


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Fig. 024 INTAKE & EXHAUST MANIFOLD

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.08100-6073A	EXHAUST MANIFOLD ASS'Y	1					
1A	65.08101-0193A	MANIFOLD;EXHAUST(L.H.)	1					
1B	65.08101-0207A	MANIFOLD;EXHAUST(M)	1					
1C	65.08101-0194A	MANIFOLD;EXHAUST(R.H.)	1					
1D	65.96501-0007	RING;SEAL	4					
1E	65.90201-0073	BOLT;STUD	4					
2	65.08901A0013	GASKET;EXHAUST MANIFOLD	6					
3	65.08120-0017	SCREEN;HEAT	1					
4	65.90535-0001	NUT	12					
5	65.90710-0019	WASHER	1					
6	111002-00001	SCREEN;HEAT	1					
7	240203-00051A	MANIFOLD,INTAKE	1					
8	65.08902A0024	GASKET;INTAKE MANIFOLD	1					
9	06.01923-3218	BOLT ASS'Y M10X35	8					
10	06.11063-8215	NUT;HEX. M10	2					
11	06.16731-2108	WASHER;SPRING	2					
12	06.15030-0514	WASHER;PLAIN	2					
13	240401-00115	PIPE,AIR INLET	1		120828~120828			
13	240401-00114A	PIPE,AIR INLET	1		120829~			
14	65.26803-7028B	AIR HEATER	1					
15	65.09904-0008	GASKET;AIR HEATER	2					
16	06.01013-9128	BOLT;HEX. M8X130	4		120828~120828			
16	06.01013-9126	BOLT;HEX. M8X110	4		120829~			
17	06.16731-2107	WASHER	4					
18	06.15010-2311	WASHER	4					

Fig. 025 TURBO CHARGER & OIL PIPE



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Fig. 025 TURBO CHARGER & OIL PIPE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.09100-7083	TURBOCHARGER ASS'Y	1					
2	65.98131-5003	ADAPTER FLANGE ASS`Y	1					
3	65.96601-0046B	GASKET;OIL PIPE ADAPTER	1					
4	06.01913-3114	BOLT ASS'Y M8X22	2					
5	65.05701-5481	OIL PIPE ASS'Y(T/C-C/B)	1					
6	65.96601-0067	GASKET;T/C OIL RETURN	1					
7	06.01913-3114	BOLT ASS'Y M8X22	2					
10	65.09901-0018A	GASKET	1					
11	06.16731-2108	WASHER;SPRING	4					
12	06.11024-9202	NUT M10X1.25	4					
13	65.90201-0181	BOLT;STUD	6					
14	65.09901-0012	GASKET	1					
15	06.16731-2108	WASHER;SPRING	6					
16	06.11063-8215	NUT;HEX. M10	6					
20	65.05701-5480A	OIL PIPE ASS'Y(C/B-T/C)	1					
21	06.15010-2311	WASHER	2					
22	06.16731-2107	WASHER	2					
23	06.11063-8214	NUT	2					
25	06.78144-2403	HOLLOW SCREW M12X1.5	2					
26	06.56190-0704	RING;SEAL	4					
27	65.96601-0067	GASKET;T/C OIL RETURN	1					
28	65.05740-5005	BRACKET;OIL PIPE	1					
29	65.90020-0068	BOLT ASS'Y M8X16	1					
30	06.01923-3217	BOLT ASS'Y M10X30	1					
40	65.05701-5336A	OIL PIPE ASS`Y(T/C-C/B)	1					
41	06.01913-3113	BOLT ASS'Y M8X20	1					
42	65.90201-0075	BOLT;SPACER	1					
43	06.16731-2107	WASHER	1					
44	06.15010-2311	WASHER	1					
45	65.96301-0327A	HOSE;RUBBER	1					
46	06.67020-0105	CLAMP;HOSE	2					
50	420203-00246	PIPE,EXHAUST	1		120828~120828			
50	420202-00233A	PIPE,EXHAUST	1		120829~			
51	65.96301-0279	HOSE;RUBBER	1					
52	06.67020-0109	CLAMP;HOSE	2					
53	65.09440-0010	BRACKET	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
54	06.01923-3215	BOLT ASS'Y M10X25	2					

Fig. 026 NOZZLE & FUEL INJECTION PIPE

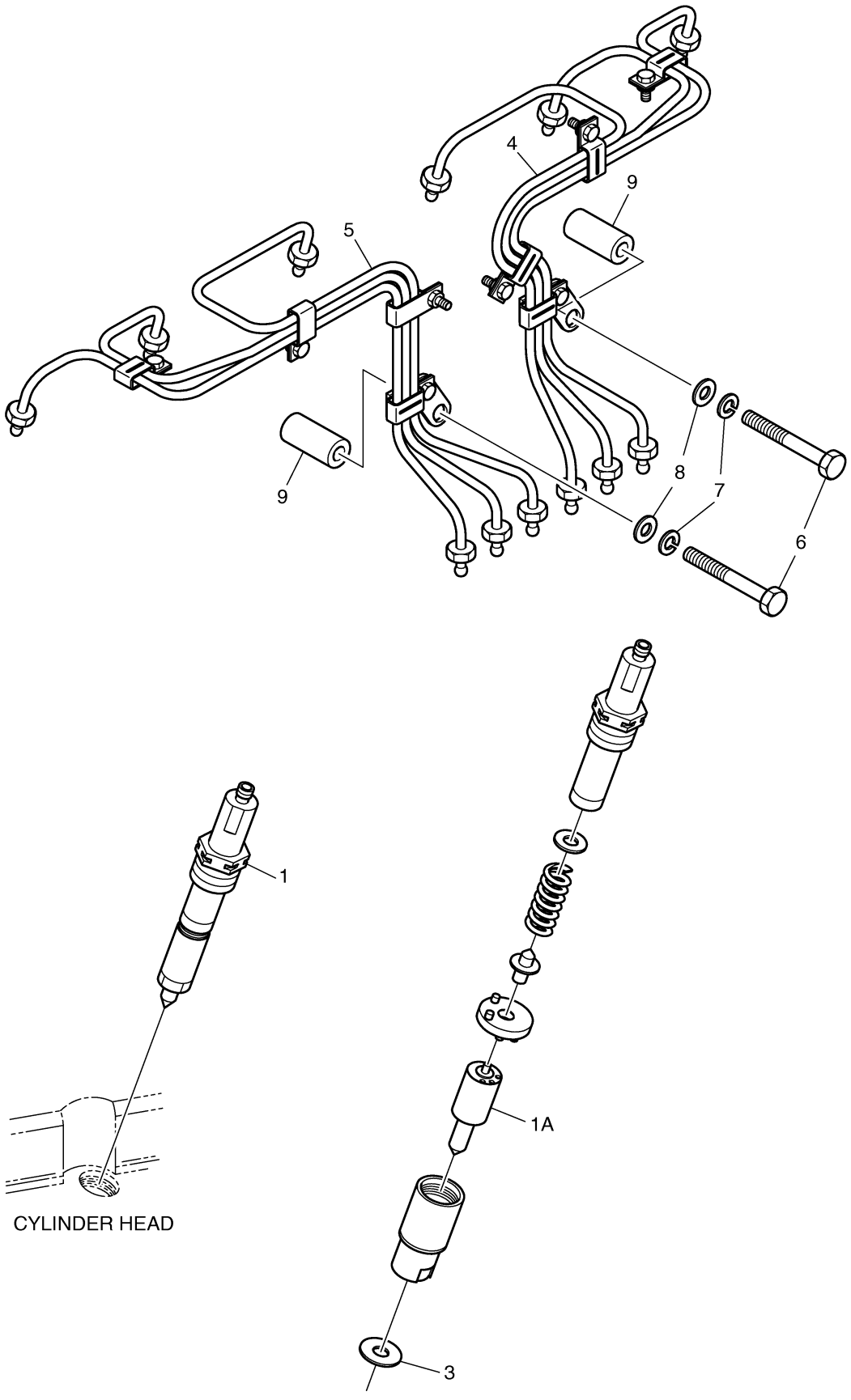
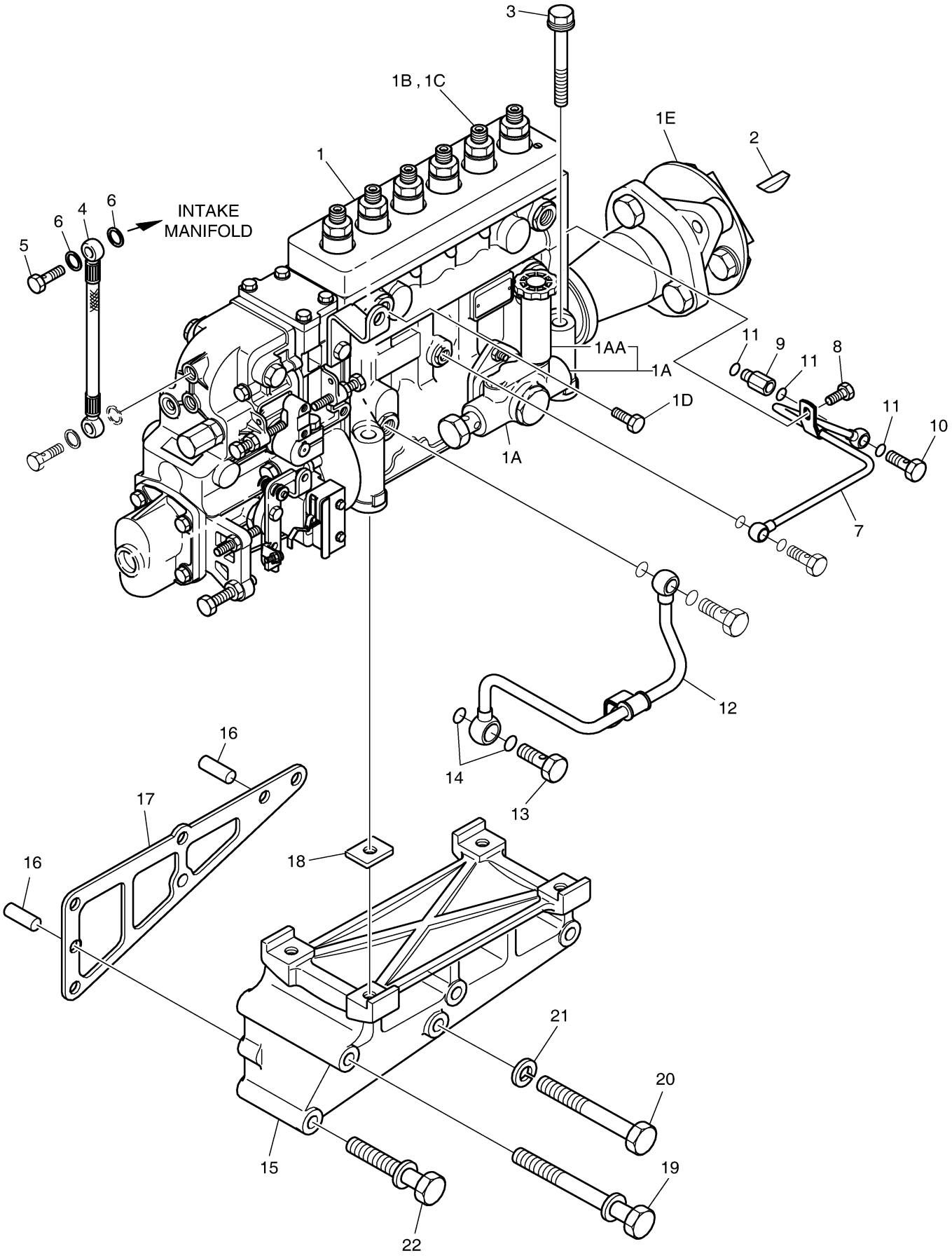


Fig. 026 NOZZLE & FUEL INJECTION PIPE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.10101-7088	NOZZLE & HOLDER ASS`Y	6					
1A	65.10102-6058	NOZZLE	1					
3	65.96501-0057	RING;SEAL	6					
4	420208-00002	PIPE;INJECTION	1					
5	65.10301-6052B	PIPE;INJECTION	1					
6	06.01013-9221	BOLT;HEX. M10X80	2					
7	06.16731-2108	WASHER;SPRING	2					
8	06.15010-2312	WASHER;PLAIN	2					
9	65.91701-0165	SPACER	2					

Fig. 027 FUEL INJECTION PUMP

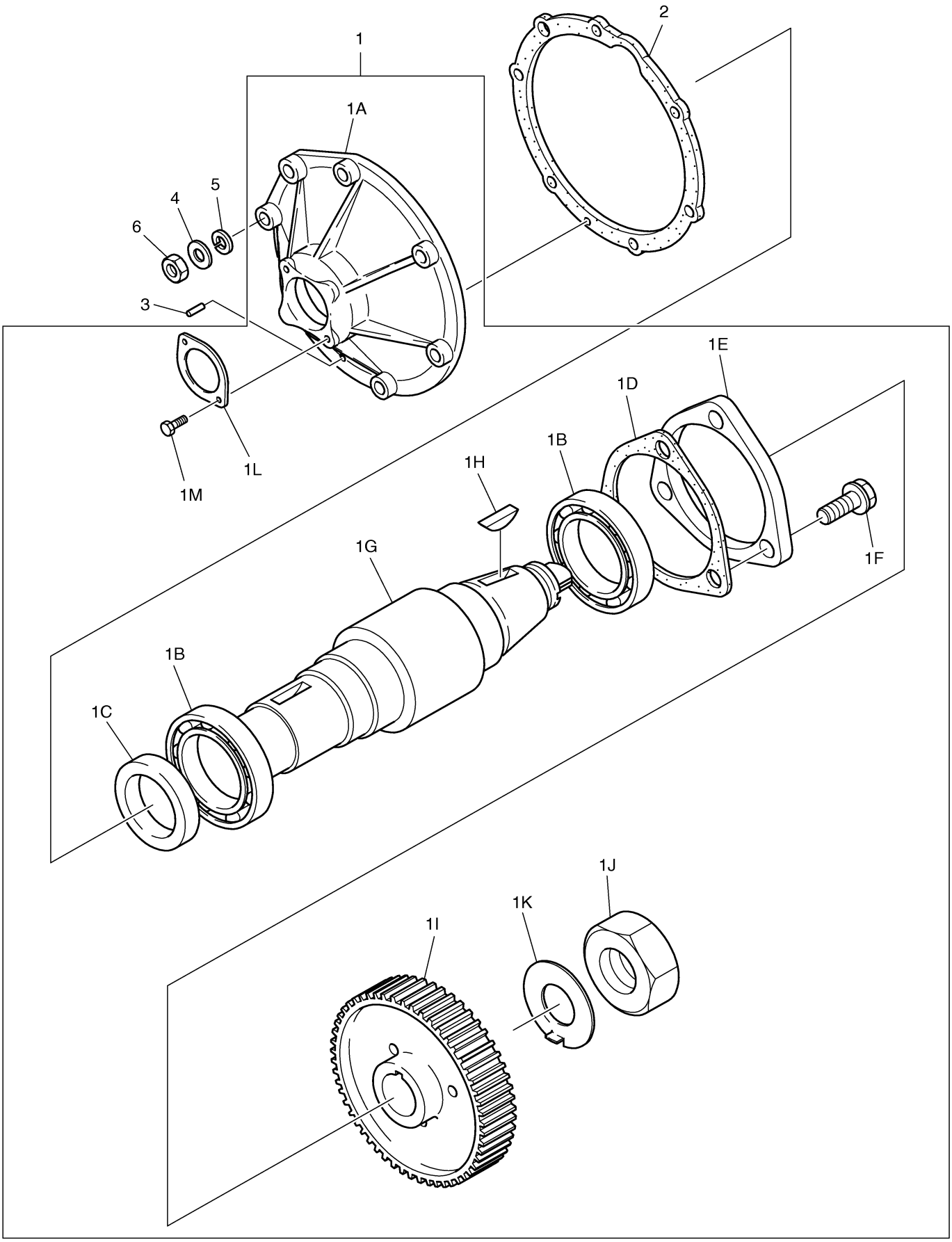


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Fig. 027 FUEL INJECTION PUMP

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	400912-00062	PUMP ASSY,INJECTION	1					
1A	105207-154A	PUMP,FEED	1					
1AA	400908-00004	HAND PRIMING PUMP	1					
1B	134151-2320	PLUNGER	6					
1C	134110-1420	VALVE;DELIVERY	6					
1D	134424-4120	VALVE;OVERFLOW	1					
1E	105663-074B	COUPLING	1					
2	06.29141-0215	KEY;WOODRUFF	1					
3	06.01923-3228	BOLT ASS'Y M10X85	4					
4	65.08301-6010A	HOSE;AIR	1					
5	65.98150-0053B	SCREW;HOLLOW	1					
6	06.56180-0716	RING;SEAL	2					
7	65.05701-5356	PIPE;OIL DELIVERY(I/P)	1					
8	06.01913-2910	BOLT;HEX. M6X12	1					
9	65.98130-0029	ADAPTER	1					
10	65.98150-0027	SCREW;HOLLOW	1					
11	06.56180-0714	RING;SEAL	3					
12	65.05701-5358	OIL RETURN PIPE ASS`Y(I/P)	1					
13	65.90420-0012A	SCREW;HOLLOW M16X2	1					
14	06.56190-0708	RING;SEAL	2					
15	65.11401-0046A	BRACKET	1					
16	06.22022-1112	PIN;DOWEL	2					
17	65.11405-0001	SHIM T=0.10	1					
17	65.11405-0002	SHIM T=0.15	1					
17	65.11405-0003	SHIM T=0.20	1					
17	65.11405-0004	SHIM T=0.50	1					
18	65.11405-0009	SHIM 0.10mm	4					
18	65.11405-0010	SHIM 0.30mm	4					
19	06.01913-3234	BOLT ASS`Y M10X130	3					
20	06.01013-9226	BOLT;HEX. M10X1.5X110	1					
21	06.16731-2108	WASHER;SPRING	1					
22	06.01913-3229	BOLT ASS`Y M10X90	1					

Fig. 028 FUEL INJECTION PUMP DRIVE

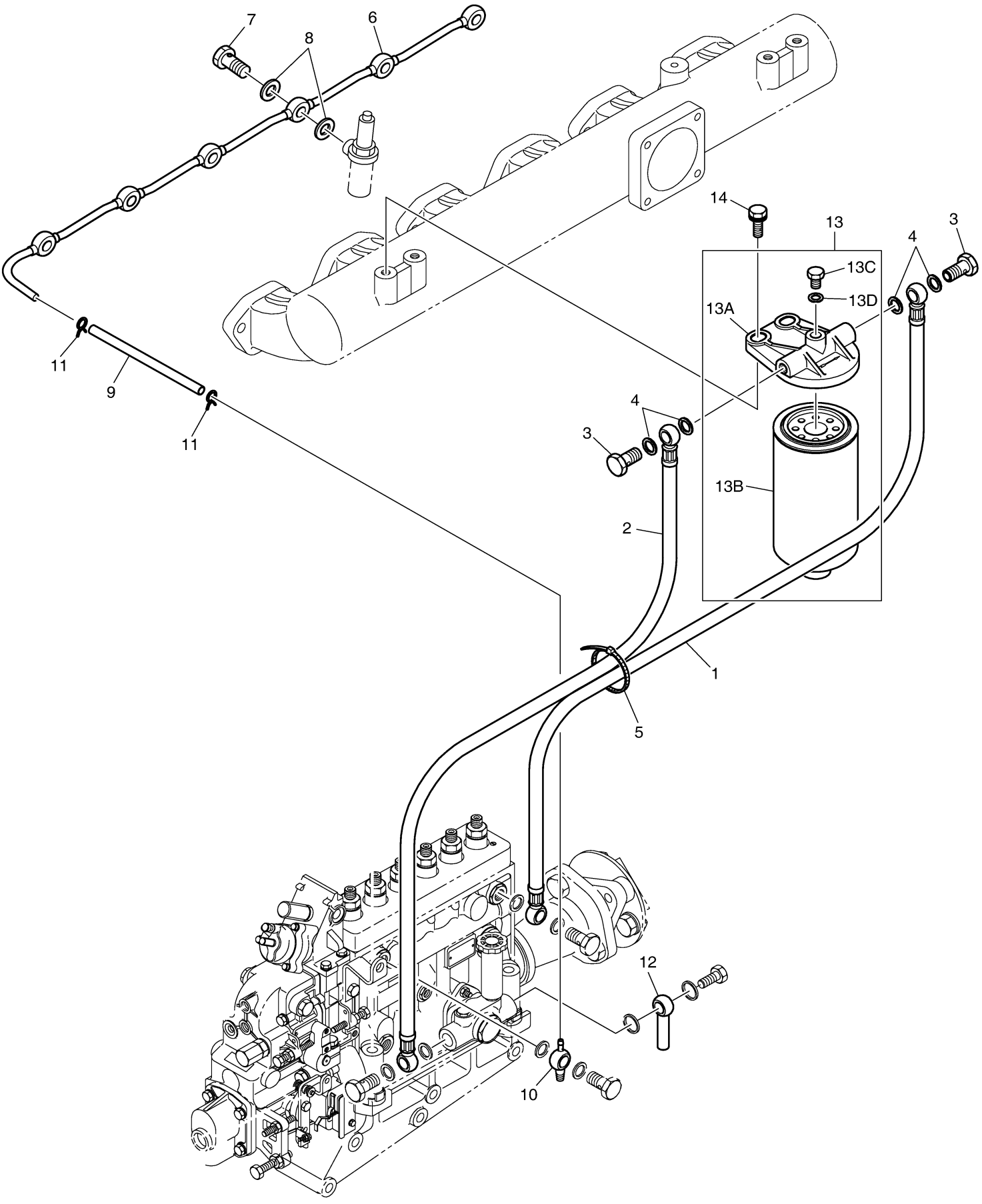


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Fig. 028 FUEL INJECTION PUMP DRIVE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.11301-7008D	INJECTION PUMP DRIVE ASSY	1		~130331	I	130412-00119	1
1	130412-00119	INJECTION PUMP DRIVE ASS'Y	1		130401~			
1A	65.11309-0005C	HOUSING;INJ PUMP DRIVE	1	D				
1B	06.32092-0307	BEARING;TAPER ROLLER	2					
1C	65.01510-0039	SEAL;OIL	1					
1D	65.11308-0001	SHIM 0.50mm	1	R				
1D	65.11308-0002	SHIM 0.20mm	1	R				
1D	65.11308-0003	SHIM 0.15mm	1	R				
1D	65.11308-0004	SHIM 0.10mm	1	R				
1E	65.11312-0006A	COVER	1	D				
1F	06.01913-3114	BOLT ASS'Y M8X22	3					
1G	65.11302-0010A	SHAFT;INJECTION PUMP DRIVE	1					
1H	06.29141-0215	KEY;WOODRUFF	1					
1I	65.11301-0009	GEAR;INJECTION PUMP DRIVE	1					
1J	06.11250-4329	NUT;HEX M24X1.5	1		~130331	I	120307-00133	1
1J	120307-00133	NUT,HEX	1		130401~			
1K	06.16050-0316	WASHER;LOCK	1					
1L	65.98112-0027	FLANGE	1					
1M	06.01913-2910	BOLT;HEX. M6X12	2					
2	65.11902-0018A	GASKET;MOUNTING FLANGE	1					
3	06.22220-1110	PIN;SPRING	1					
4	06.15010-2312	WASHER;PLAIN	7					
5	06.16731-2108	WASHER;SPRING	7					
6	06.11063-8215	NUT;HEX. M10	7					

Fig. 029 FUEL FILTER

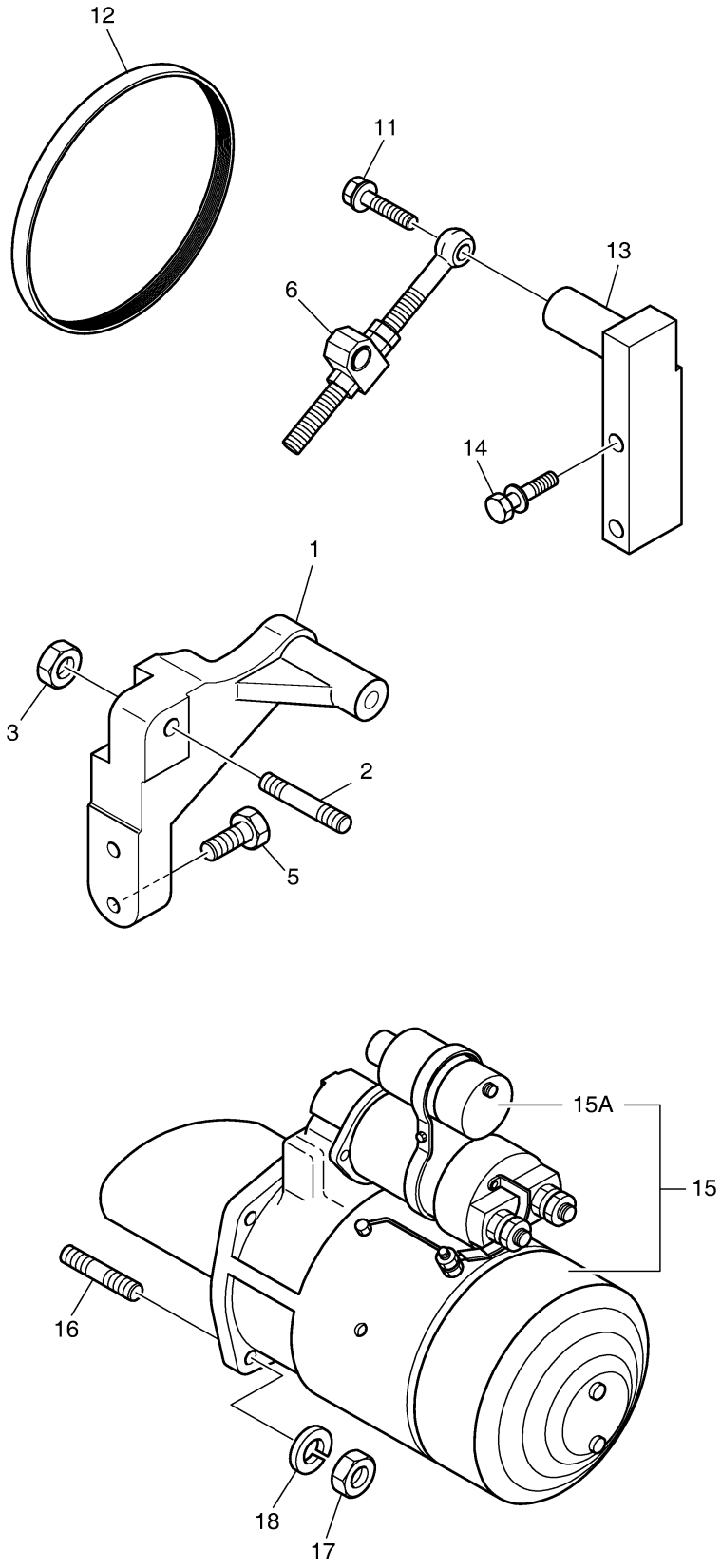


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Fig. 029 FUEL FILTER

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.96341-0107	HOSE;FUEL	1					
2	65.96341-0080	HOSE;FUEL	1					
3	06.78144-2204	SCREW;HOLLOW	2					
4	65.96507-0043	RING;SEAL A14X20	4					
5	65.97460-0001	BAND;TENSION	1					
6	65.12301-5095D	PIPE;FUEL	1					
7	65.98150-0042A	SCREW;HOLLOW	6					
8	06.56180-0712	RING;SEAL	12					
9	65.96330-0129	TUBE;FUEL OVER FLOW	1					
10	65.98101-0008	DOUBLE BANJO UNION	1					
11	65.97445-0001	CLAMP;SPRING	2					
12	65.12301-5022	PIPE;FUEL(RETURN)	1					
13	65.12501-7023B	FUEL FILTER ASS`Y	1					
13A	65.12504-5013B	HEAD;FUEL FILTER	1					
13B	65.12503-5016B	ELEMENT;E/G FUEL FILTER	1					
13C	65.90310-0143	SCREW;PLUG	1					
13D	06.56180-0716	RING;SEAL	1					
14	06.01953-3217	BOLT ASS'Y M10X1.25X30	2					

Fig. 030 ALTERNATOR & STARTER



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