

Fig. 001 CYLINDER BLOCK

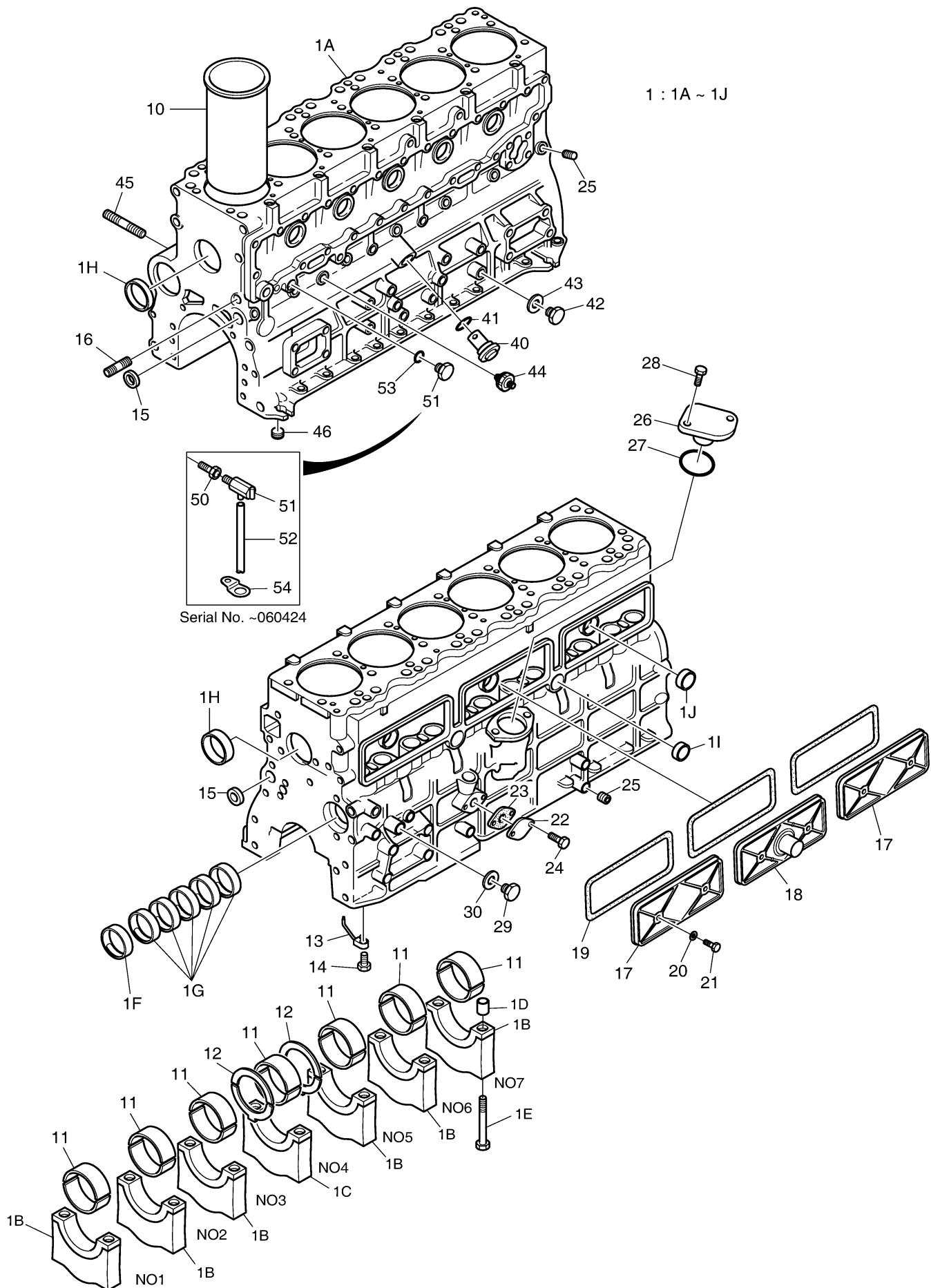


Fig. 001 CYLINDER BLOCK

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01101-6079	CYLINDER BLOCK ASS'Y	1		~030629	Y	65.01101-6079A	1
1	65.01101-6079A	CYLINDER BLOCK ASS'Y	1		~041214	Y	65.01101-6079B	1
1	65.01101-6079B	CYLINDER BLOCK ASS'Y	1		~051004	Y	65.01101-6079C	1
1	65.01101-6079C	CYLINDER BLOCK ASS'Y	1		~060726	Y	65.01101-6079D	1
1	65.01101-6079D	CYLINDER BLOCK ASS'Y	1		060727~			
1A	65.01101-0030F	BLOCK:CYLINDER	1	D	~030629			
1A	65.01101-0030G	BLOCK:CYLINDER	1	D	~051004			
1A	65.01101-0030H	BLOCK:CYLINDER	1	D	~060726			
1A	65.01101-0030I	BLOCK:CYLINDER	1	D	060727~			
1B	65.01105-1048	CAP:BEARING(F.M.R)	6	D	~060726			
1B	65.01105-1048A	CAP:BEARING(F.M.R)	6	D	060727~			
1C	65.01105-1047	CAP:BEARING(NO.4)	1	D	~060726			
1C	65.01105-1047A	CAP:BEARING(NO.4)	1	D	060727~			
1D	65.91710-0001	RING:STOPPER	2					
1E	65.90020-0066A	BOLT:BRG CAP	14					
1F	65.04410-0007A	BUSH:CAM SHAFT	1	B	~021109	Y	65.04410-0007B	1
1F	65.04410-0007B	BUSH:CAM SHAFT	1	B	~041214	Y	65.04410-0007C	1
1F	65.04410-0007C	BUSH:CAM SHAFT	1	B	~060726	Y	65.04410-0007D	1
1F	65.04410-0007D	BUSH:CAM SHAFT	1	B	060727~			
1G	65.04410-0006A	BUSH:CAM SHAFT	5	B	~021109	Y	65.04410-0006B	5
1G	65.04410-0006B	BUSH:CAM SHAFT	5	B	~041214	Y	65.04410-0006C	5
1G	65.04410-0006C	BUSH:CAM SHAFT	5	B	041215~			
1H	65.90302-0009	PLUG:CORE	2					
1I	06.15091-0319	PLUG:CORE	2		~030510			
1I	65.90302-0041	PLUG:CORE	2		030511~			
1J	06.15091-0322	PLUG:CORE	3		~030510			
1J	65.90302-0042	PLUG:CORE	3		030511~			
10	65.01201-0067	LINER:CYLINDER (ALTV.)	6	D				
10	65.01201-0068	LINER:CYLINDER(1A)	6					
10	65.01201-0069	LINER:CYLINDER(1B)	6					
10	65.01201-0070	LINER:CYLINDER(2A)	6					
10	65.01201-0071	LINER:CYLINDER(2B)	6					
11	65.01110-6090B	METAL:CRANK STD	7					
11	65.01110-6091B	METAL:CRANK 0.25	7	US				
11	65.01110-6092B	METAL:CRANK 0.50	7	US				
12	65.01150-6010A	WASHER:THRUST STD	2		~060808	I	65.01150-6008	2

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
12	65.01150-6008	WASHER;THRUST	2		060809~			
12	65.01150-6034A	WASHER;THRUST 0.25	2	OS				
12	65.01150-6035A	WASHER;THRUST 0.50	2	OS				
13	65.01601-5010A	OIL JET PIPE	6					
14	65.05401-5023	RELIEF VALVE ASS'Y	6					
15	06.15091-0313	PLUG;CORE	2					
16	65.90201-0058	BOLT;STUD M14X12.5X45	1					
17	65.01112-0021A	COVER;PUSH ROD CHAMBER	2					
18	65.01112-5018	COVER;PUSH ROD CHAMBER	1		~090313	Y	110508-00358	1
18	110508-00358	COVER;PUSH ROD CHAMBER	1		090314~			
19	65.01901-0020	GASKET;PUSH ROD CHAMBER	3					
20	65.96507-0007	PACKING;PUSH ROD CHAMBER	6					
21	65.90020-0049	BOLT;HEX.	6					
22	65.91615-0011	COVER;BLIND	1					
23	65.05903A0013	GASKET;FLANGE	1					
24	06.01913-3113	BOLT ASS'Y M8X20	2					
25	65.90320-0022	PLUG SCREW PT1/8	10					
26	65.91605-0001E	COVER	1					
27	06.56021-0106	O-RING;O/P DRIVE FLANGE	1					
28	06.01913-3113	BOLT ASS'Y M8X20	2					
29	65.90310-0135	PLUG;SCREW	1					
30	06.56190-0706	SEAL RING A14X20	1					
40	65.05401-5002F	RELIEF VALVE ASS'Y	1		~080424	Y	65.05401-5002G	1
40	65.05401-5002G	RELIEF VALVE	1		080425~			
41	06.56021-0102	O-RING	1					
42	65.90310-0030	SCREW;PLUG M12X1.25	1					
43	06.56190-0704	RING;SEAL	1					
44	65.27441-7006	SWITCH;OIL PRESS.	1					
45	65.90201-0182	BOLT;STUD	1					
46	65.90320-0019	PLUG SCREW PT3/8	1					
50	65.98130-0040A	ADAPTER	1		~060424			
51	65.06310-6003	PLUG;DRAIN	1		~021123	Y	65.06310-6003A	1
51	65.06310-6003A	PLUG;DRAIN	1		~060424			
51	65.90310-0122	PLUG;DRAIN	1		060425~			
52	04.50010-0811	HOSE;VINYL	1		~060424			
53	06.56190-0713	RING;SEAL A18X24	2					
54	65.97401-0050	CLIP;PIPE	1		~060424			

Fig. 002 TIMING GEAR CASE

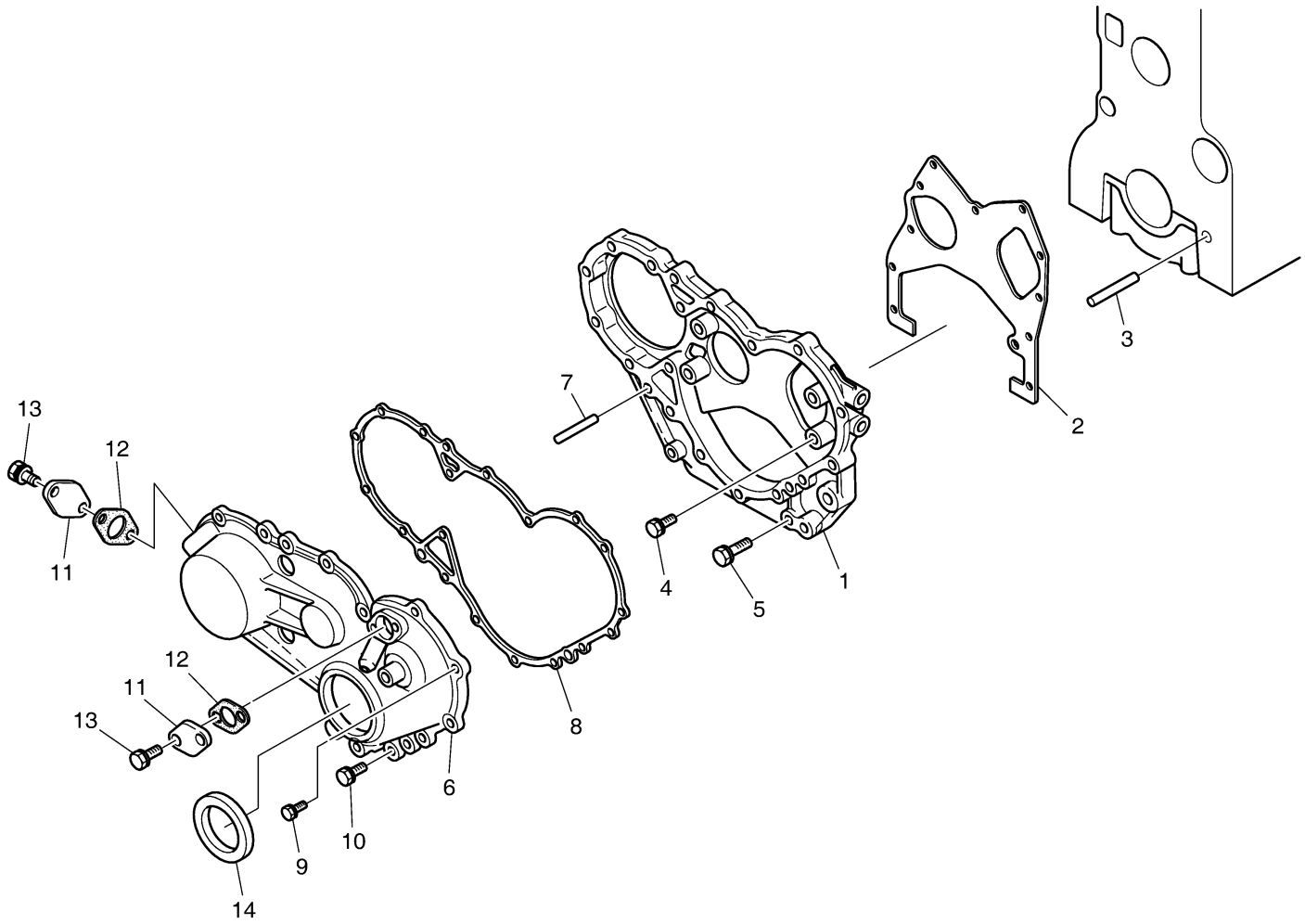


Fig. 002 TIMING GEAR CASE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01304-0003C	CASE;TIMING GEAR	1					
2	65.01903B0004	GASKET;TIMING GEAR	1					
3	06.22022-3119	PIN	1					
4	06.01913-3113	BOLT ASS'Y M8X20	4					
5	06.01913-3120	BOLT ASS'Y M8X45	2					
6	65.01305-5074	COVER;TIMING GEAR CASE	1		~050628	Y	65.01305-5074A	1
6	65.01305-5074A	COVER;TIMING GEAR CASE	1		050629~			
7	06.22022-3111	PIN	1					
8	65.01903B0003	GASKET;TIMING GEAR CASE	1					
9	06.01913-3115	BOLT ASS'Y M8X25	7					
10	06.01913-3122	BOLT ASS'Y M8X55	5					
11	65.01307-0002B	COVER;TIMING CHECK HOLE	2		~081204	I	65.01307-0014	2
11	65.01307-0014	COVER;FOR CHECK HOLE	2		081205~			
12	65.01903-0002C	GASKET	2					
13	06.01913-2911	BOLT ASS'Y M6X16	4		~081204	I	06.01923-2911	4
13	06.01923-2911	BOLT ASS'Y M6X16	4		081205~			
14	65.01510-0001	SEAL;OIL(FRONT)	1					

Fig. 003 FLYWHEEL HOUSING

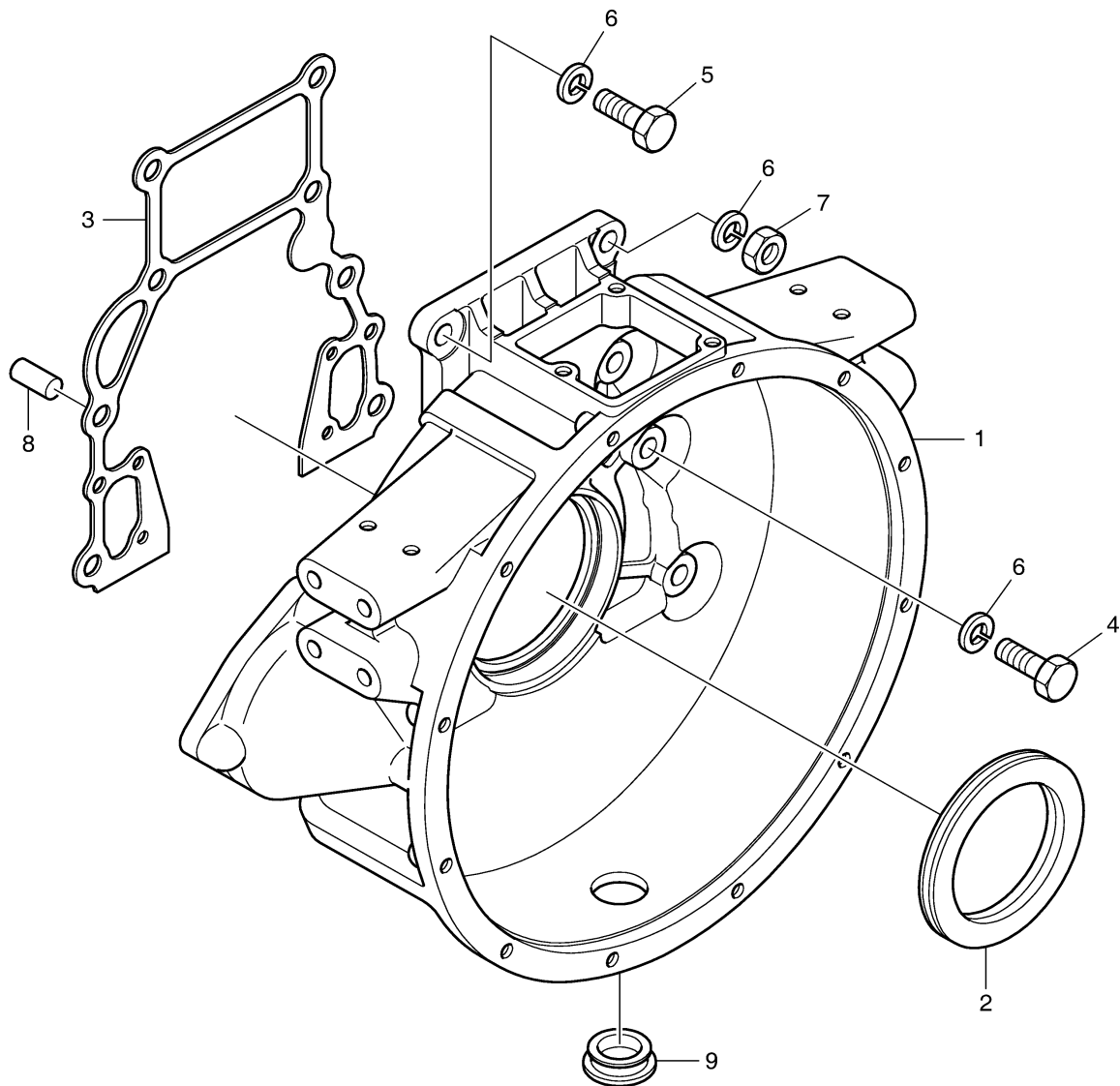


Fig. 003 FLYWHEEL HOUSING

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01401-0119	HOUSING;FLYWHEEL	1		~061228	Y	65.01401-0119A	1
1	65.01401-0119A	HOUSING;FLYWHEEL	1		061229~			
2	65.01510-0101	SEAL;OIL(REAR)	1					
3	65.01904-0021	GASKET;FLYWHEEL HOUSING	1					
4	06.01494-4409	BOLT;HEX. M14X1.5X50	6					
5	06.01494-4407	BOLT;HEX. M14X1.5X40	1					
6	06.16731-2110	WASHER;SPRING	8					
7	06.11063-9217	NUT	1					
8	06.22022-3111	PIN	2					
9	65.96401-0007	CAP;RUBBER	1					

Fig. 004 CRANK SHAFT

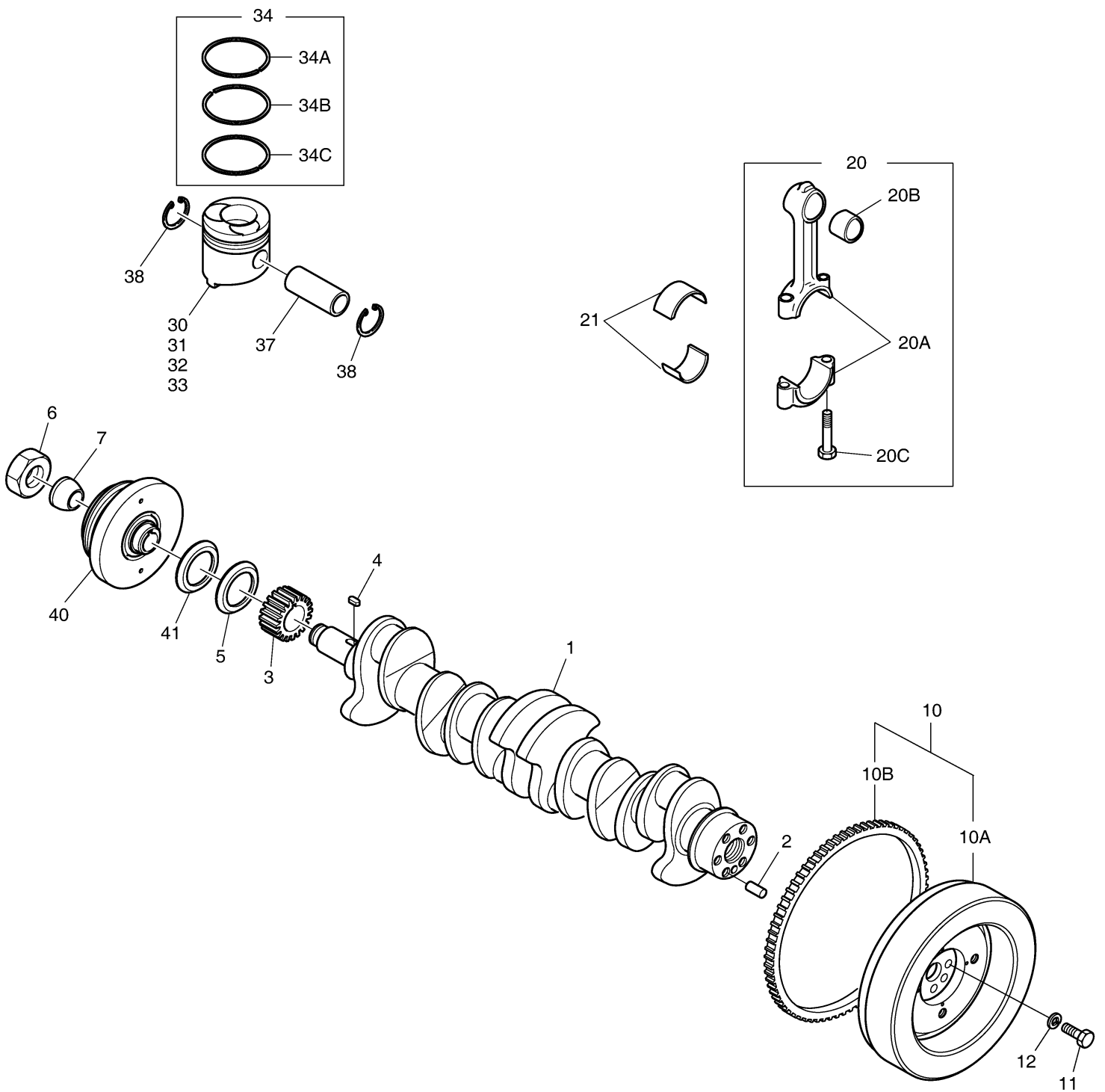


Fig. 004 CRANK SHAFT

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.02101-0045A	SHAFT;CRANK	1					
2	06.22022-3212	PIN;PARALLEL	1					
3	65.02115-0009	GEAR;CRANK SHAFT	1					
4	65.91501-0006	KEY;SLIDING	1					
5	65.02120-0002	RING;OIL THROWER	1					
6	65.90501-0006	NUT	1					
7	65.93020-0015	BUSH;TAPER	1					
10	65.02301-5094	FLYWHEEL ASS'Y	1					
10A	65.02301-0086	FLY WHEEL	1					
10B	65.02310-0006	GEAR;RING	1					
11	06.01494-4506	BOLT M16X1.5X35	6					
12	06.16731-2111	WASHER;SPRING	6					
20	65.02401-6021	CONNECTING ROD ASS'Y	6					
20A	65.02401-0163D	ROD;CONNECTING	1	D				
20B	65.02405-0006	BUSH	1	B				
20C	65.02411-0006A	BOLT	2					
21	65.02410-6083B	METAL;CON-ROD STD	6					
21	65.02410-6124B	METAL;CON-ROD 0.125mm	6	US				
21	65.02410-6125B	METAL;CON-ROD 0.25mm	6	US				
21	65.02410-6126B	METAL;CON-ROD 0.5mm	6	US				
30	65.02501-0410	PISTON(ALT.V.)	6	D	~020913			
30	65.02501-0416	PISTON(ALT.V.)	6	D	~050707			
30	65.02501-0440	PISTON(ALT.V.)	6	D	050708~			
31	65.02501-0416	PISTON(ALT.V.)	6	D	050708~			
31	65.02501-0443	PISTON(ALT.V.-2)	6	D	050708~			
32	65.02501-0417	PISTON-1;A GRADE	6		050708~			
32	65.02501-0444	PISTON-2;A GRADE	6		050708~			
33	65.02501-0418	PISTON-1;B GRADE	6		050708~			
33	65.02501-0445	PISTON-2;B GRADE	6		050708~			
34	65.02503-8058	PISTON RING KIT	1					
34A	-	RING;TOP	6	K				
34B	-	RING,SECOND	6	K				
34C	-	RING;OIL	6	K				
37	65.02502-0082A	PIN;PISTON	6					
38	65.90815-0007	RING;RETAINING	12					
40	65.02601-5024	PULLEY;DAMPER	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
41	65.02122-0001	COVER:DUST	1					

Fig. 005 CYLINDER HEAD

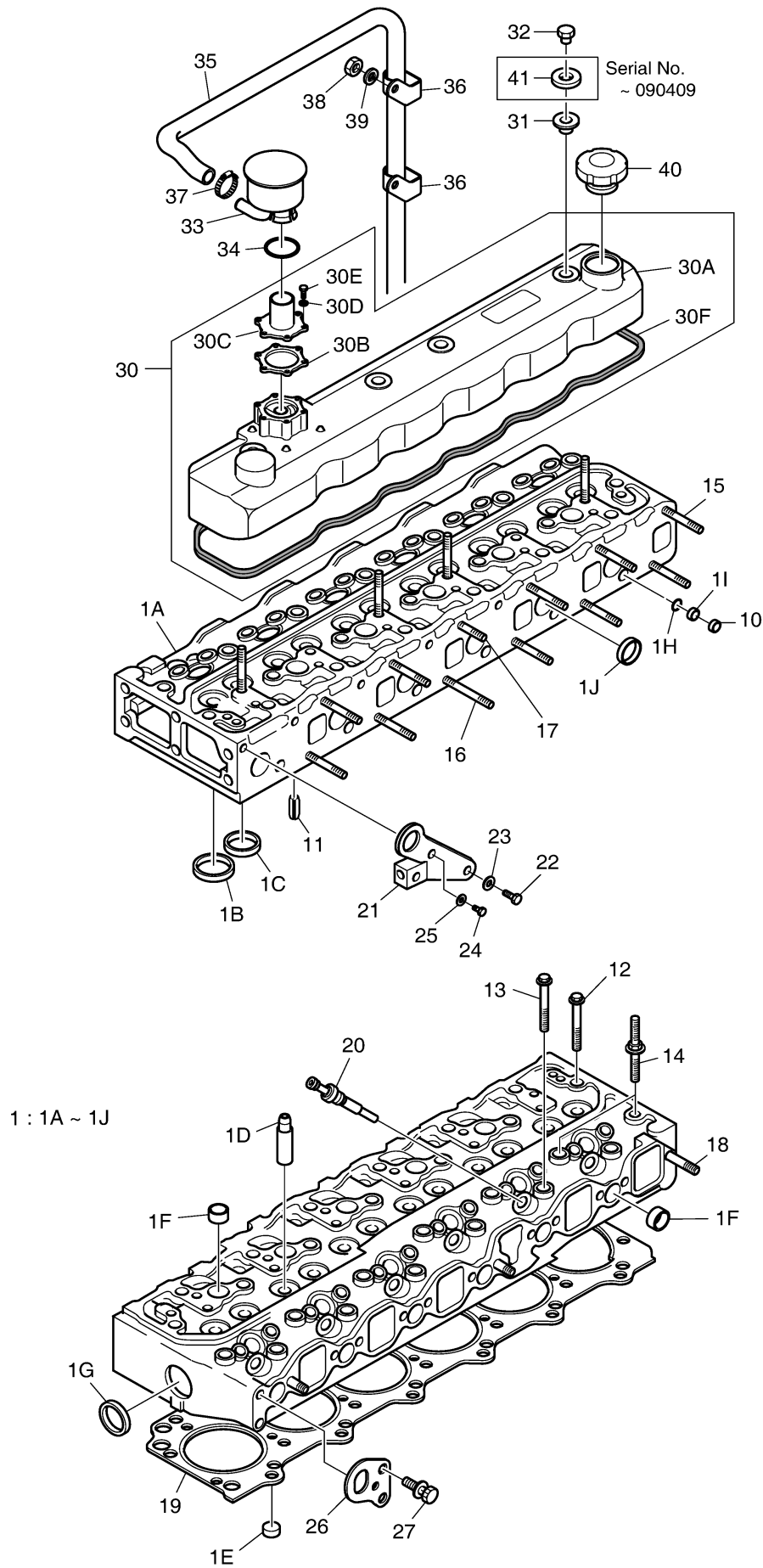


Fig. 005 CYLINDER HEAD

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.03101-6069	CYLINDER HEAD ASS'Y	1		~020919	I	65.03101-6071A	1
1	65.03101-6071A	CYLINDER HEAD ASS'Y	1		~040924	Y	65.03101-6071B	1
1	65.03101-6071B	CYLINDER HEAD ASS'Y	1		~090909	I	150113-00048	1
1	150113-00048	HEAD ASSY,CYLINDER	1		090910~			
1A	65.03101-1038	HEAD:CYLINDER	1	D	~020919			
1A	65.03101-1043C	HEAD:CYLINDER	1	D	~081202			
1A	65.03101-1043D	HEAD:CYLINDER	1	D	081203~			
1B	65.03203-1019	SEAT:INLET VALVE	6	B	~020919	I	65.03203-1053	6
1B	65.03203-1053	SEAT:INLET VALVE	6	B	020920~			
1C	65.03203-1020	SEAT:EXHAUST VALVE	6	B	~020919	I	65.03203-1054	6
1C	65.03203-1054	SEAT:EXHAUST VALVE	6	B	020920~			
1D	65.03201-1013	GUIDE:VALVE	12	B	~040924	Y	65.03201-1013A	12
1D	65.03201-1013A	GUIDE:VALVE	12	B	~090915	Y	65.03201-1063	12
1D	65.03201-1063	GUIDE,VALVE	12	B	090916~			
1E	06.15090-2313	PLUG:CORE	3		~020919			
1E	65.90302-0045	PLUG:CORE	3		020920~			
1F	65.90302-0019B	PLUG:CORE	11					
1G	65.90302-0015	PLUG:CORE(NEAR FACE)	1					
1H	06.15090-2305	PLUG:CORE	6		~020919			
1H	65.90302-0027	PLUG:CORE	6		020920~			
1I	65.90302-0011	PLUG:DRILLED PASS	6					
1J	65.90302-0016	PLUG:CORE(EXHAUST MAIN)	3		~020919			
1J	65.90302-0030	PLUG:CORE(EXHAUST MAIN)	6		020920~			
10	65.90302-0017	PLUG:WATER JET CORE	6					
11	65.91710-0004	RING:STOPPER	2					
12	65.90021-0002	BOLT:CYLINDER HEAD	19		~031210			
12	65.90021-0002	BOLT:CYLINDER HEAD	18		031211~			
13	65.90021-0003	BOLT:CYLINDER HEAD	6					
14	65.90021-0004	BOLT:CYLINDER HEAD	1		~031210			
14	65.90021-0004	BOLT:CYLINDER HEAD	2		031211~			
15	06.06125-8717	BOLT:STUD	10					
16	06.06125-8723	BOLT:STUD M8X110	1					
17	06.06125-8709	BOLT:STUD M8X35	1					
18	06.06225-0706	BOLT:STUD M8X25	3					
19	65.03901-0066	GASKET:CYLINDER HEAD	1		~030221	Y	65.03901-0066A	1
19	65.03901-0066A	GASKET:CYLINDER HEAD	1		030222~			

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
20	65.26815-0002	PLUG:DUMMY	6		~100314	I	65.26815-0004	6
20	65.26815-0004	PLUG:DUMMY	6		100315~			
21	65.19202-5005	HOOK:LIFTING	1					
22	06.01733-4409	BOLT:HEX M14X1.5X25	1					
23	06.16731-2110	WASHER:SPRING	1					
24	06.01733-4208	BOLT M10X1.25X22	1					
25	06.16731-2108	WASHER:SPRING	1					
26	65.19202-0005	HOOK:LIFTING	1					
27	06.01943-3213	BOLT ASS'Y M10X1.25X20	2					
30	65.03401-6057A	CYLINDER HEAD COVER ASS'Y	1		~030529	I	65.03401-6064	1
30	65.03401-6064	CYLINDER HEAD COVER ASS'Y	1		~041214	Y	65.03401-6064A	1
30	65.03401-6064A	CYLINDER HEAD COVER ASS'Y	1		~060206	Y	65.03401-6097	1
30	65.03401-6097	CYLINDER HEAD COVER ASS'Y	1		~070816	Y	65.03401-6097B	1
30	65.03401-6097B	CYLINDER HEAD COVER ASS'Y	1		~090409	I	150106-00006	1
30	150106-00006	CYLINDER HEAD COVER ASS'Y	1		090410~			
30A	65.03401-0061A	COVER:CYL. HEAD	1		~060206			
30A	65.03401-6094	COVER:CYL. HEAD	1		~070816			
30A	65.03401-6094A	COVER:CYL. HEAD	1		070817~			
30B	65.03903-0001	PACKING:BREATHER PIPE	1					
30C	65.01801-0011	CASE:BREATHER	1					
30D	06.16731-2104	WASHER:SPRING	6					
30E	06.04190-8808	BOLT M5X16	6					
30F	65.03905-0002B	GASKET:CYLINDER HEAD	1		~070816	Y	65.03905-0002C	1
30F	65.03905-0002C	GASKET:CYLINDER HEAD	1		~090409	I	400603-00022	1
30F	400603-00022	GASKET:CYLINDER HEAD	1		090410~			
31	65.03905-0023	GASKET:CYL. HEAD COVER	4		~090409	I	400603-00023	4
31	400603-00023	GASKET:CYL. HEAD COVER	4		~101109	I	400603-00023B	4
31	400603-00023B	GASKET,CYLINDER HEAD	4		101110~			
32	65.90501-0028	NUT:CYLINDER HEAD COVER	4					
33	65.01801-5035	BREATHER PIPE ASS'Y	1		~041125	Y	65.01801-5035A	1
33	65.01801-5035A	BREATHER PIPE ASS'Y	1		041126~			
34	65.96501-0032B	O-RING:BREATHER	1					
35	65.96301-0354	HOSE:RUBBER	1		~040330	I	65.96301-0416	1
35	65.96301-0416	HOSE:RUBBER	1		~060525	I	65.96301-0472A	1
35	65.96301-0472A	HOSE,RUBBER:BREATHER PIPE	1		060526~			
36	65.97401-0179	CLIP:WATER HOSE	2					
37	06.67020-0105	CLAMP:HOSE	1					
38	06.11063-8214	NUT	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
39	06.16731-2107	WASHER	1					
40	65.01810-5007	CAP;OIL FILLER	1		~051230	I	65.01810-5011	1
40	65.01810-5011	CAP;OIL FILLER	1		051231~			
41	65.90701-0202	WASHER;PLATE	4		~090409			

10 : 10A ~ 10J

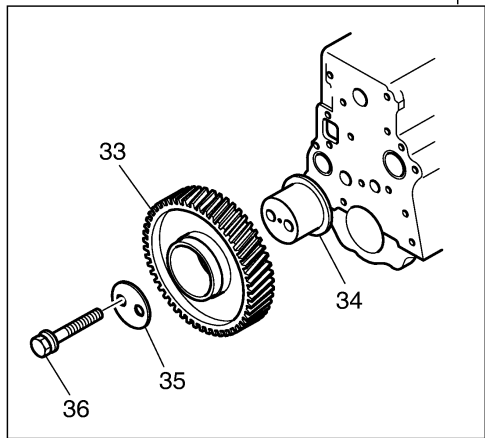


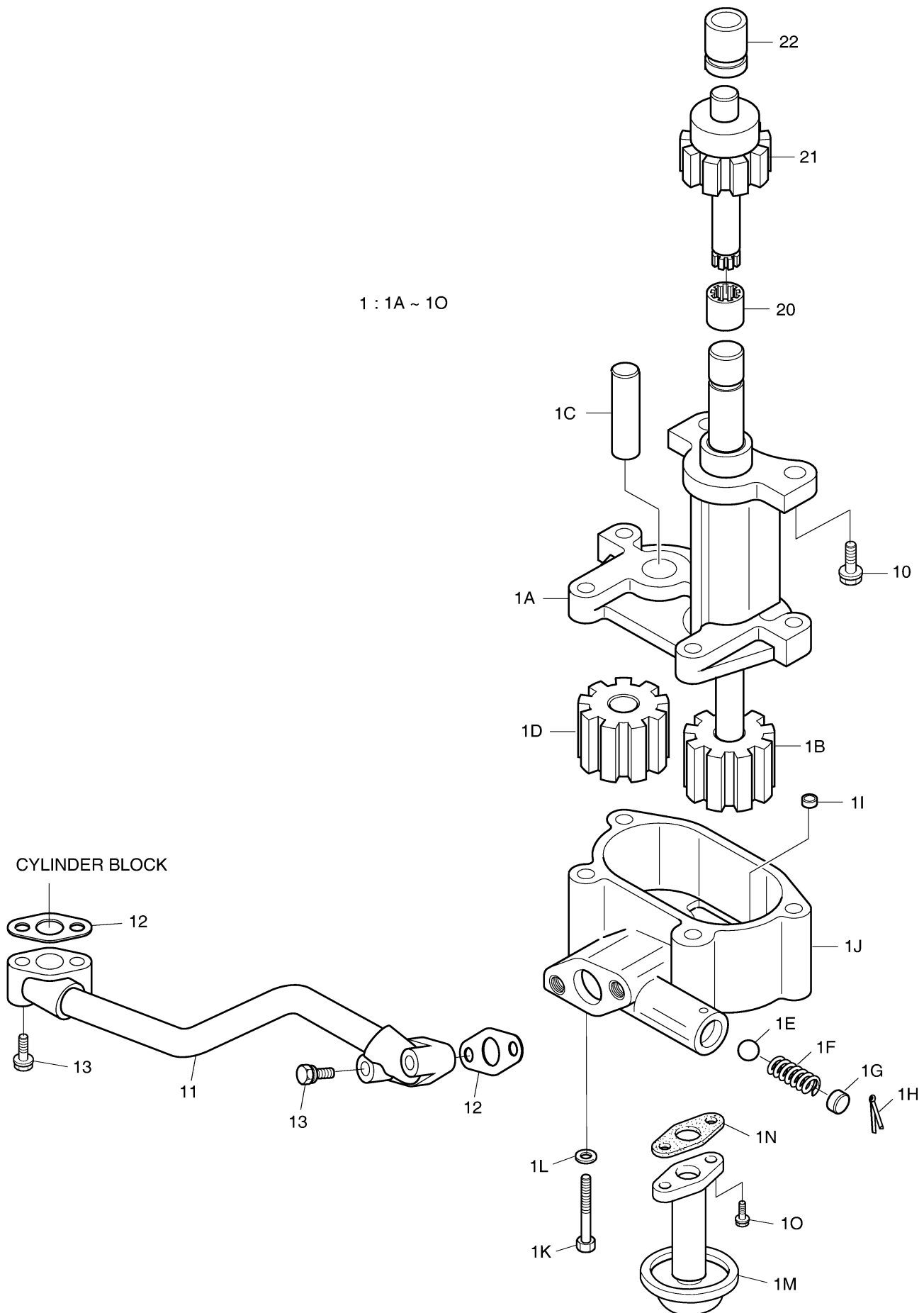
Fig. 006 VALVE MECHANISM

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.04101-0032	VALVE:INLET	6					
2	65.04101-0025A	VALVE:EXHAUST	6					
3	65.04102-0005	SPRING:VALVE	12					
4	65.04103-0001B	RETAINER:VALVE SPRING	12					
5	65.04103-0002	PLATE:SPRING	12					
6	65.04104-0001	SPLIT:COLLAR	24					
7	65.04902-0011A	SEAL:VALVE STEM	12		~040616	I	65.04902-0015	12
7	65.04902-0015	SEAL:VALVE STEM	12		040617~			
10	65.04200-6019C	ROCKER ARM & SHAFT ASS'Y	1		~050923	Y	65.04200-6019D	1
10	65.04200-6019D	ROCKER ARM & SHAFT ASS'Y	1		~090429	I	150122-00006	1
10	150122-00006	ROCKER ARM & SHAFT ASS'Y	1		090430~			
10A	65.04201-5002B	ROCKER ARM ASS'Y	12		~050923	Y	65.04201-5002C	12
10A	65.04201-5002C	ROCKER ARM ASS'Y	12		~090429	I	150101-00001	12
10A	150101-00001	ROCKER ARM ASS'Y	12		090430~			
10B	65.04205-0001	SCREW:ADJUST	12					
10C	65.90501-0013	NUT:HEX	12					
10D	65.04203-5008C	ROCKER ARM SHAFT ASS'Y	1					
10E	65.04202-0009	BRACKET(FRONT)	1					
10F	65.04202-0003C	BRACKET(ROCKER ARM)	6					
10G	65.97601-0048	SPRING:ROCKER ARM	5					
10H	06.29010-0116	RING:SNAP	1					
10I	06.01013-9118	BOLT:HEX. M8X65	10					
10J	06.15010-2311	WASHER	10					
11	65.90201-0081	BOLT:STUD	4					
20	65.04301-0009	TAPPET	12					
21	65.04302-5006	ROD:PUSH	12					
22	65.04401-0018A	SHAFT:CAM	1		~040827	Y	65.04401-0018B	1
22	65.04401-0018B	SHAFT:CAM	1		040828~			
23	06.29151-4608	KEY	1					
24	65.98112-0009	FLANGE	1		~040422	Y	65.98112-0009A	1
24	65.98112-0009A	FLANGE	1		040423~			
25	06.01913-3115	BOLT ASS'Y M8X25	2					
30	65.04501-0004	GEAR:CAM SHAFT	1					
31	65.90701-0059	WASHER:PLAIN	1					
32	06.01733-4410	BOLT M14X1.5X28	1					
33	65.04505-5012	IDLE GEAR ASS'Y	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
34	65.04506-0011	SHAFT;IDLE GEAR	1					
35	65.90720-0016	WASHER;THRUST	1					
36	06.01943-3222	BOLT ASS'Y M10X1.25X55	2					

Fig. 007 OIL PUMP

1 : 1A ~ 1O



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