

Fig. 001 CYLINDER BLOCK

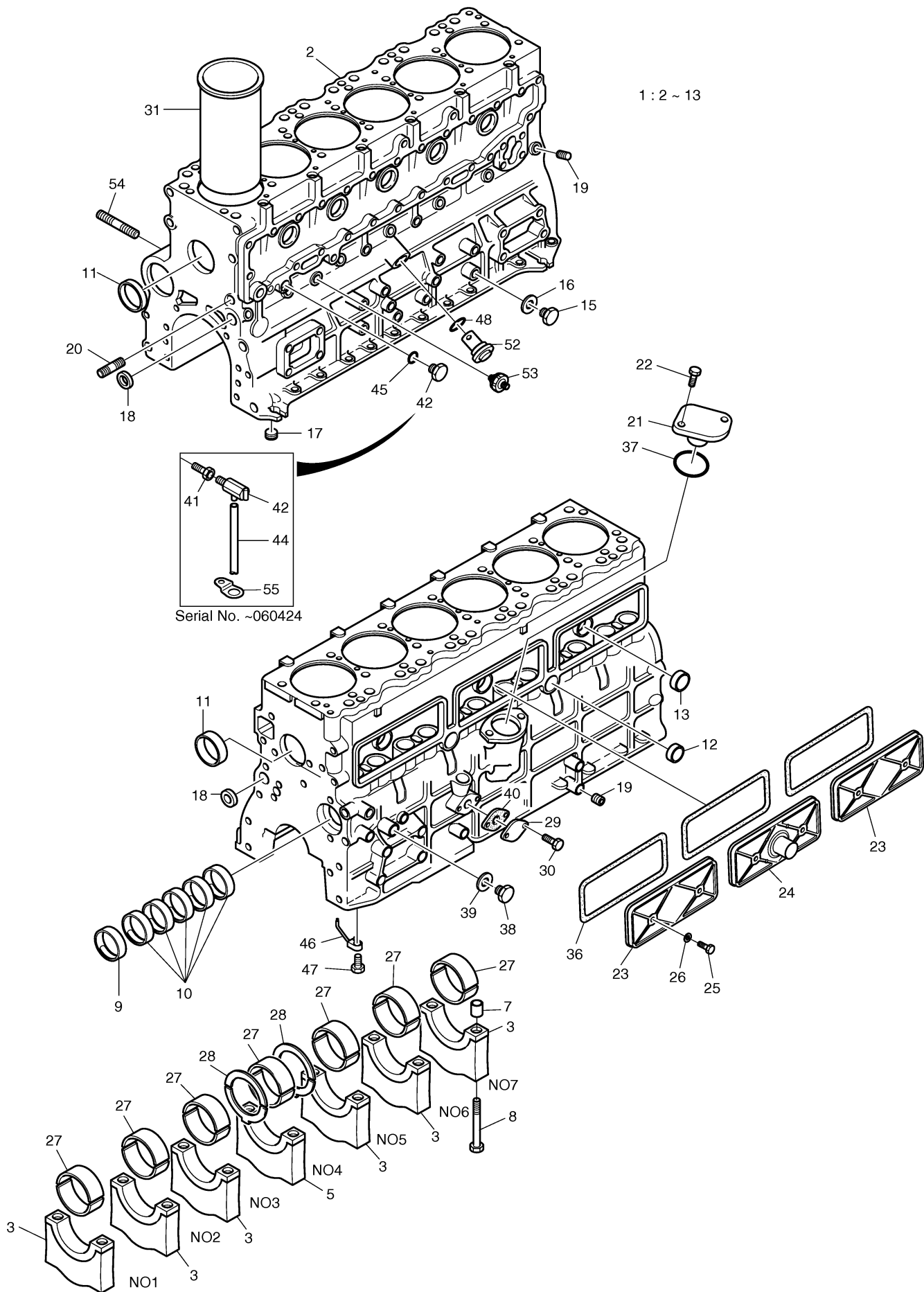


Fig. 001 CYLINDER BLOCK

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~			
2	65.01101-0030F	BLOCK:CYLINDER	1	D	~030629			
2	65.01101-0030G	BLOCK:CYLINDER	1	D	~051004			
2	65.01101-0030H	BLOCK:CYLINDER	1	D	~060726			
2	65.01101-0030I	BLOCK:CYLINDER	1	D	060727~			
3	65.01105-1048	CAP:BEARING(F.M.R)	6	D	~060726			
3	65.01105-1048A	CAP:BEARING(F.M.R)	6	D	060727~			
5	65.01105-1047	CAP:BEARING(NO.4)	1	D	~060726			
5	65.01105-1047A	CAP:BEARING(NO.4)	1	D	060727~			
7	65.91710-0001	RING:STOPPER	2					
8	65.90020-0066A	BOLT:BRG CAP	14					
9	65.04410-0007B	BUSH:CAM SHAFT	1	B	~041214	Y	65.04410-0007C	1
9	65.04410-0007C	BUSH:CAM SHAFT	1	B	~060726	Y	65.04410-0007D	1
9	65.04410-0007D	BUSH:CAM SHAFT	1	B	060727~			
10	65.04410-0006B	BUSH:CAM SHAFT	5	B	~041214	Y	65.04410-0006C	5
10	65.04410-0006C	BUSH:CAM SHAFT	5	B	041215~			
11	65.90302-0009	PLUG:CORE	2					
12	06.15091-0319	PLUG:CORE	2		~030510	Y	65.90302-0041	2
12	65.90302-0041	PLUG:CORE	2		030511~			
13	06.15091-0322	PLUG:CORE	3		~030510	Y	65.90302-0042	3
13	65.90302-0042	PLUG:CORE	3		030511~			
15	65.90310-0030	SCREW:PLUG M12X1.25	1					
16	06.56190-0704	RING:SEAL	1					
17	65.90320-0019	PLUG SCREW PT3/8	1					
18	06.15091-0313	PLUG:CORE	2					
19	65.90320-0022	PLUG SCREW PT1/8	10					
20	65.90201-0058	BOLT:STUD M14X12.5X45	1					
21	65.91605-0001E	COVER	1					
22	06.01913-3113	BOLT ASS'Y M8X20	2					
23	65.01112-0021A	COVER:PUSH ROD CHAMBER	2					
24	65.01112-5018	COVER:PUSH ROD CHAMBER	1		~090313	Y	110508-00358	1
24	110508-00358	COVER:PUSH ROD CHAMBER	1		090314~			

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
25	65.90020-0049	BOLT;HEX.	6					
26	65.96507-0007	PACKING;PUSH ROD CHAMBER	6					
27	65.01110-6090B	METAL;CRANK STD	7					
27	65.01110-6091B	METAL;CRANK 0.25	7	US				
27	65.01110-6092B	METAL;CRANK 0.50	7	US				
28	65.01150-6010A	WASHER;THRUST STD	2		~060808	Y	65.01150-6008	2
28	65.01150-6008	WASHER;THRUST	2		060809~			
28	65.01150-6034A	WASHER;THRUST 0.25	2	OS				
28	65.01150-6035A	WASHER;THRUST 0.50	2	OS				
29	65.91615-0011	COVER;BLIND	1					
30	06.01913-3113	BOLT ASS'Y M8X20	2					
31	65.01201-0067	LINER;CYLINDER (ALTV.)	6	D				
31	65.01201-0068	LINER;CYLINDER(1A)	6					
31	65.01201-0069	LINER;CYLINDER(1B)	6					
31	65.01201-0070	LINER;CYLINDER(2A)	6					
31	65.01201-0071	LINER;CYLINDER(2B)	6					
36	65.01901-0020	GASKET;PUSH ROD CHAMBER	3					
37	06.56021-0106	O-RING;O/P DRIVE FLANGE	1					
38	65.90310-0135	PLUG;SCREW	1					
39	06.56190-0706	SEAL RING A14X20	1					
40	65.05903A0013	GASKET;FLANGE	1					
41	65.98130-0040A	ADAPTER	1					
42	65.06310-6003A	PLUG;DRAIN	1		~060424			
42	65.90310-0122	PLUG;DRAIN	1		~060425			
44	04.50010-0811	HOSE;VINYL	1		060424~			
45	06.56190-0713	RING;SEAL A18X24	2					
46	65.01601-5010A	OIL JET PIPE	6					
47	65.05401-5023	RELIEF VALVE ASS'Y	6					
48	06.56021-0102	O-RING	1					
52	65.05401-5002F	RELIEF VALVE ASS'Y	1		~080424	Y	65.05401-5002G	1
52	65.05401-5002G	RELIEF VALVE	1		080425~			
53	65.27441-7006	SWITCH;OIL PRESS.	1					
54	65.90201-0182	BOLT;STUD	1					
55	65.97401-0050	CLIP;PIPE	1		~060424			

Fig. 002 TIMING GEAR CASE

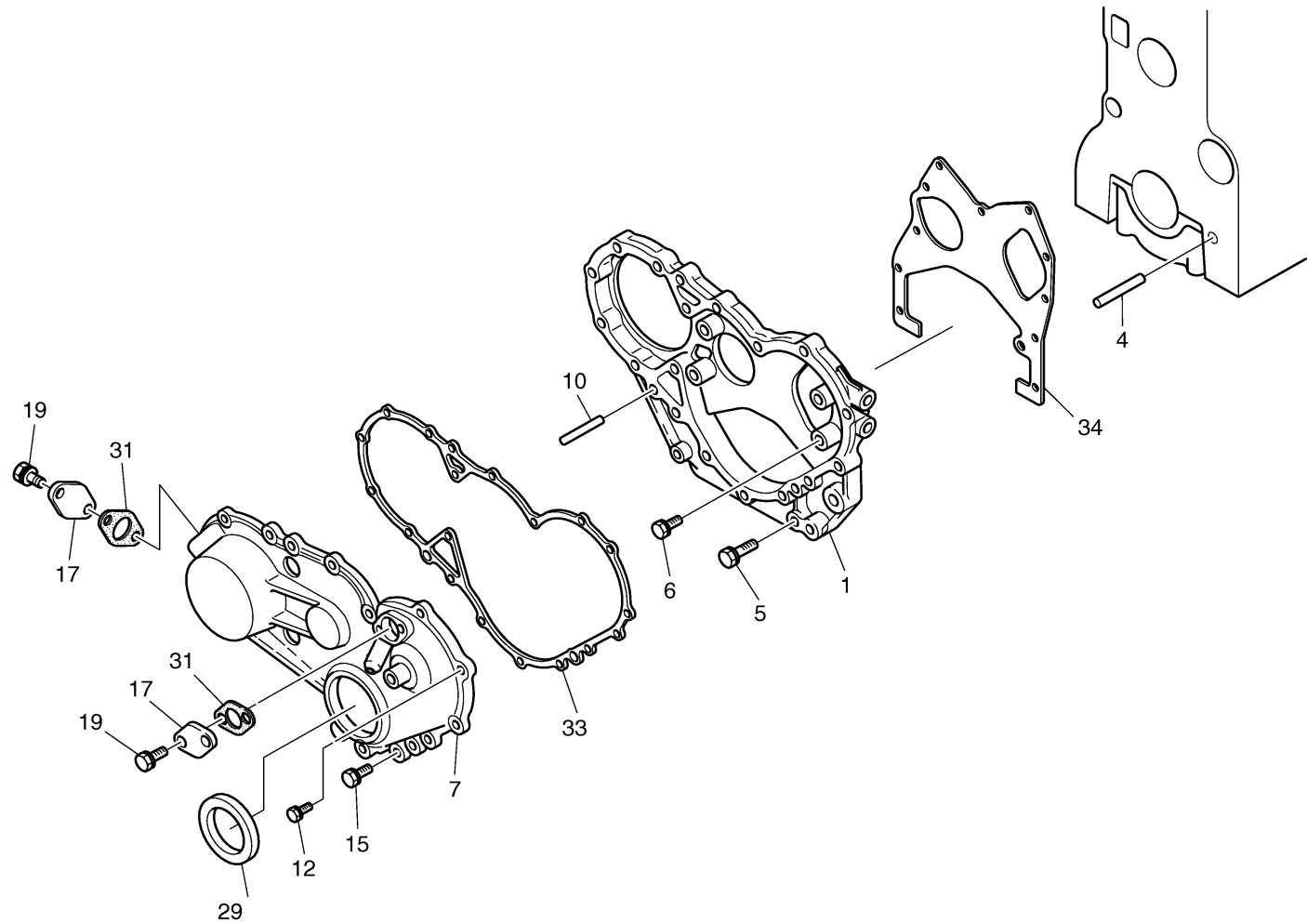


Fig. 002 TIMING GEAR CASE

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01304-0003C	CASE:TIMING GEAR	1					
4	06.22022-3119	PIN	1					
5	06.01913-3120	BOLT ASS`Y M8X45	2					
6	06.01913-3113	BOLT ASS'Y M8X20	4					
7	65.01305-5074	COVER:TIMING GEAR CASE	1		~050628	Y	65.01305-5074A	1
7	65.01305-5074A	COVER:TIMING GEAR CASE	1		050829~			
10	06.22022-3111	PIN	1					
12	06.01913-3115	BOLT ASS'Y M8X25	7					
15	06.01913-3122	BOLT ASS'Y M8X55	5					
17	65.01307-0002B	COVER:TIMING CHECK HOLE	2		~081204	I	65.01307-0014	2
17	65.01307-0014	COVER:FOR CHECK HOLE	2		081205~			
19	06.01913-2911	BOLT ASS'Y M6X16	4					
29	65.01510-0001	SEAL;OIL(FRONT)	1					
31	65.01903-0002C	GASKET	2					
33	65.01903B0003	GASKET:TIMING GEAR CASE	1					
34	65.01903B0004	GASKET:TIMING GEAR	1					

Fig. 003 FLYWHEEL HOUSING

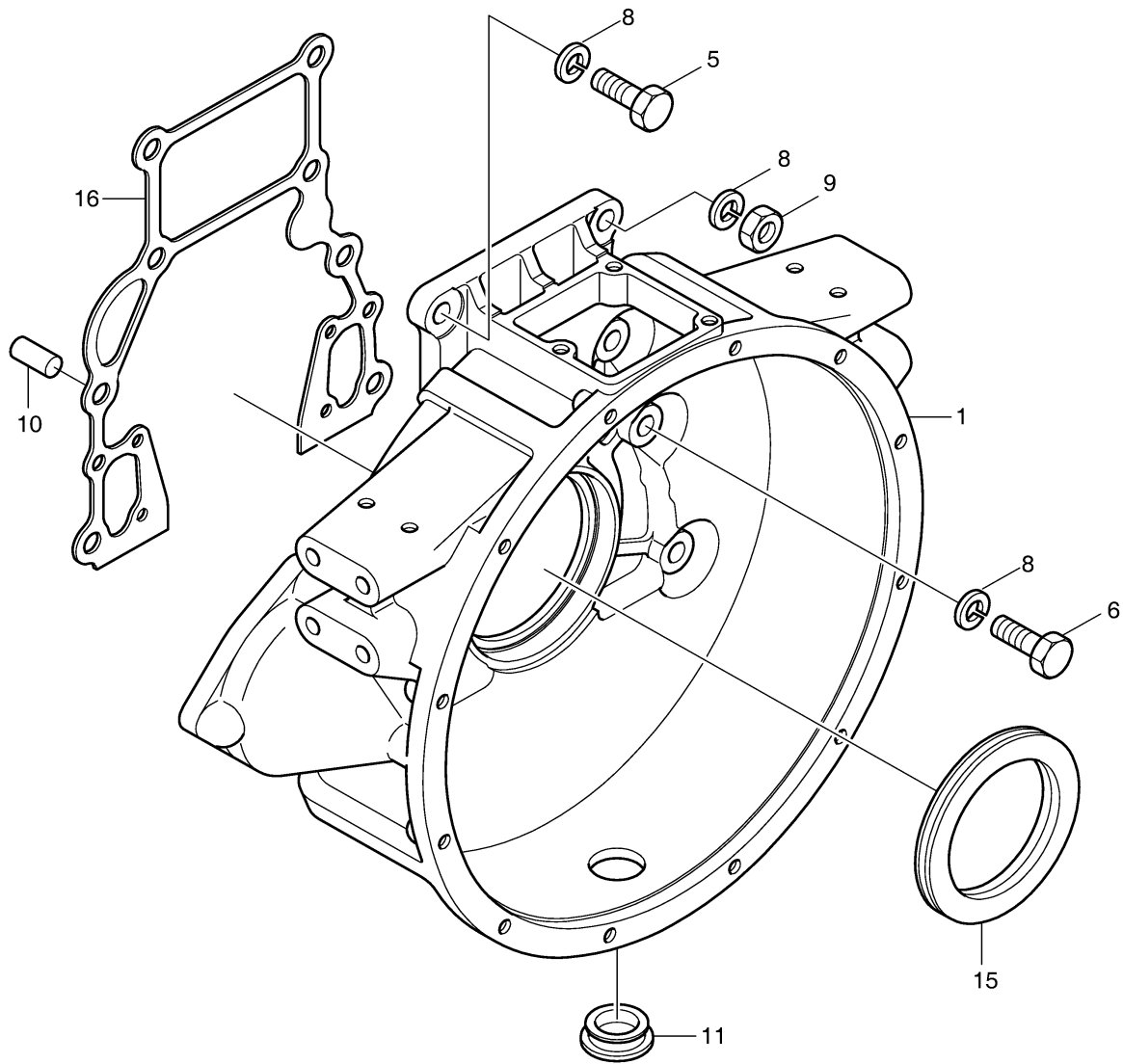


Fig. 003 FLYWHEEL HOUSING

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~			
5	06.01494-4407	BOLT;HEX. M14X1.5X40	1					
6	06.01494-4409	BOLT;HEX. M14X1.5X50	6					
8	06.16731-2110	WASHER;SPRING	8					
9	06.11063-9217	NUT	1					
10	06.22022-3111	PIN	2					
11	65.96401-0007	CAP;RUBBER	1					
15	65.01510-0101	SEAL;OIL(REAR)	1					
16	65.01904-0021	GASKET;FLYWHEEL HOUSING	1					

Fig. 004 CRANK SHAFT

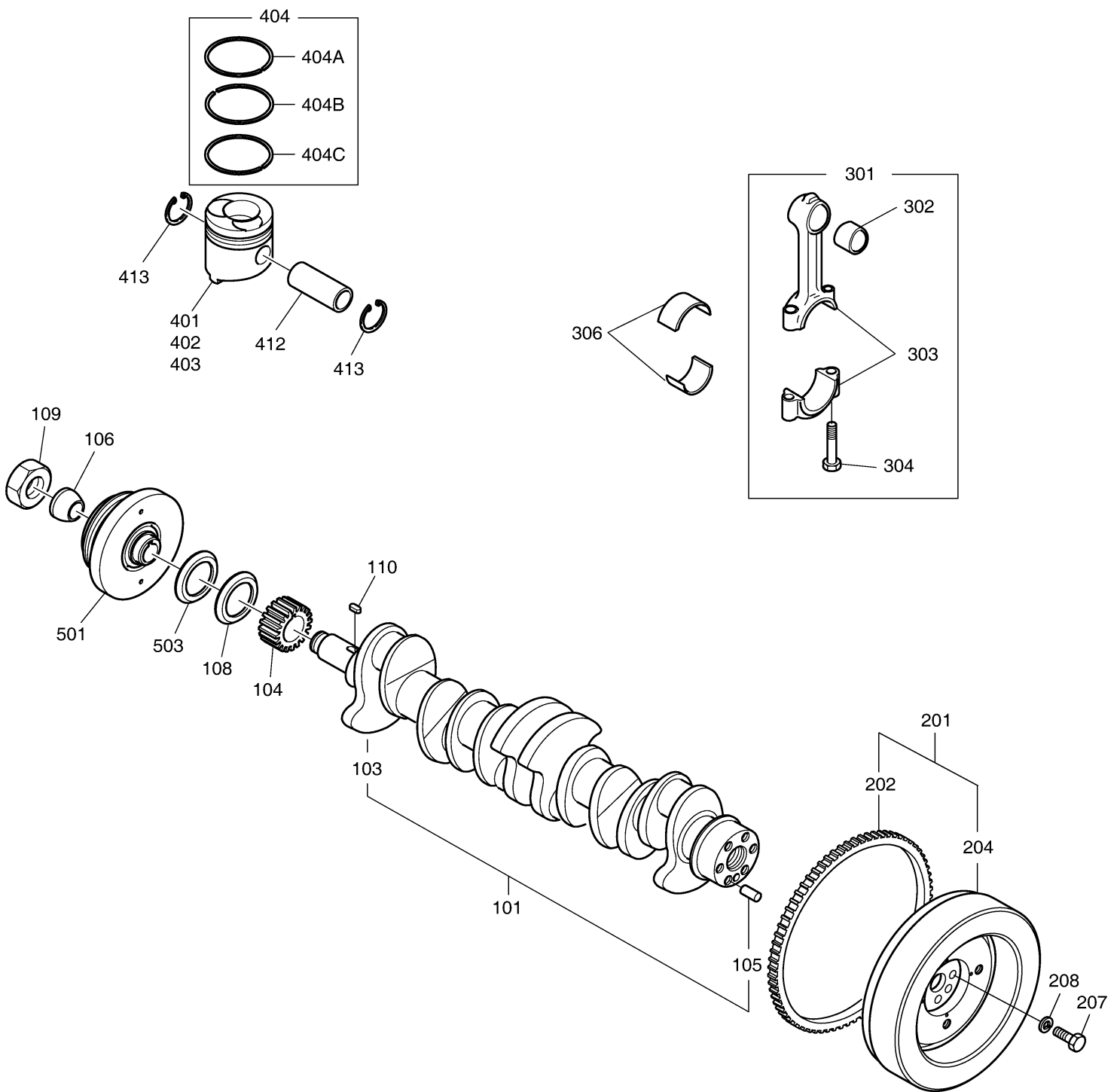


Fig. 004 CRANK SHAFT

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.02101-6018A	CRANK SHAFT ASS'Y	1					
103	65.02101-0045A	SHAFT;CRANK	1					
105	06.22022-3212	PIN;PARALLEL	1					
104	65.02115-0009	GEAR;CRANK SHAFT	1					
106	65.93020-0015	BUSH;TAPER	1					
108	65.02120-0002	RING;OIL THROWER	1					
109	65.90501-0006	NUT	1					
110	65.91501-0006	KEY;SLIDING	1					
201	65.02301-5099A	FLYWHEEL ASS'Y	1					
202	65.02310-0006	GEAR;RING	1					
204	65.02301-0245A	FLY WHEEL	1					
207	06.01494-4506	BOLT M16X1.5X35	6					
208	06.16731-2111	WASHER;SPRING	6					
301	65.02401-6021	CONNECTING ROD ASS'Y	6					
302	65.02405-0006	BUSH	1	B				
303	65.02401-0163D	ROD;CONNECTING	1	D				
304	65.02411-0006A	BOLT	2					
306	65.02410-6083B	METAL;CON-ROD STD	6					
306	65.02410-6124B	METAL;CON-ROD 0.125mm	6	US				
306	65.02410-6125B	METAL;CON-ROD 0.25mm	6	US				
306	65.02410-6126B	METAL;CON-ROD 0.5mm	6	US				
401	65.02501-0416	PISTON(ALT.V.)	6	D	~050707			
401	65.02501-0440	PISTON(ALT.V.)	6	D	050708~			
402	65.02501-0416	PISTON(ALT.V.)	6	D	050708~			
402	65.02501-0443	PISTON(ALT.V.-2)	6	D	050708~			
403	65.02501-0417	PISTON-1;A GRADE	6		050708~			
403	65.02501-0444	PISTON-2;A GRADE	6		050708~			
403	65.02501-0418	PISTON-1;B GRADE	6		050708~			
403	65.02501-0445	PISTON-2;B GRADE	6		050708~			
404	65.02503-8058	PISTON RING KIT	1					
404A	-	RING;TOP	6	K				
404B	-	RING,SECOND	6	K				
404C	-	RING;OIL	6	K				
412	65.02502-0082A	PIN;PISTON	6					
413	65.90815-0007	RING;RETAINING	12					
501	65.02601-5019	PULLEY;DAMPER	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
503	65.02122-0001	COVER:DUST	1					

Fig. 005 CYLINDER HEAD

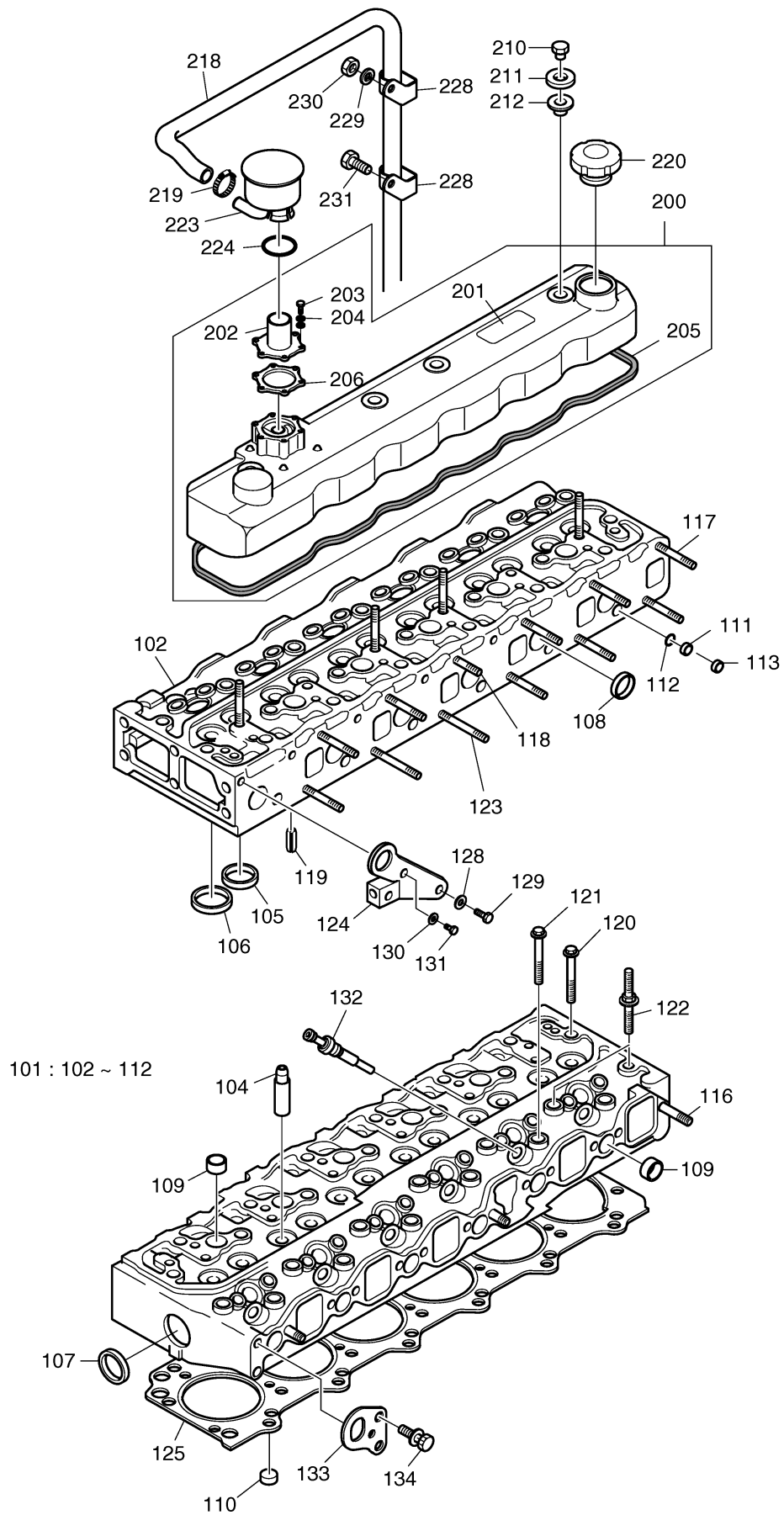


Fig. 005 CYLINDER HEAD

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.03101-6071	CYLINDER HEAD ASS'Y	1					
101	65.03101-6069B	CYLINDER HEAD ASS'Y	1		~040924	Y	65.03101-6069C	1
101	65.03101-6069C	CYLINDER HEAD ASS'Y	1		~081202	Y	65.03101-6069D	1
101	65.03101-6069D	ENSEMBLE CULASSE	1		081203~			
102	65.03101-1043B	HEAD:CYLINDER	1	D				
102	65.03101-1038E	HEAD:CYLINDER	1	D	~081202			
102	65.03101-1038F	HEAD:CYLINDER	1	D	081203~			
104	65.03201-1013	GUIDE:VALVE	12	B	~040924	Y	65.03201-1013A	12
104	65.03201-1013A	GUIDE:VALVE	12	B	040925~			
105	65.03203-1054	SEAT:EXHAUST VALVE	6	D				
106	65.03203-1053	SEAT:INLET VALVE	6	D				
107	65.90302-0015	PLUG:CORE(NEAR FACE)	1					
108	65.90302-0016	PLUG:CORE(EXHAUST MAIN)	3		~020919			
108	65.90302-0030	PLUG:CORE(EXHAUST MAIN)	6		020920~			
109	65.90302-0019B	PLUG:CORE	11					
110	06.15090-2313	PLUG:CORE	3		~020919			
110	65.90302-0045	PLUG:CORE	3		020920~			
111	06.15090-2305	PLUG:CORE	6		~020919			
111	65.90302-0027	PLUG:CORE	6		020920~			
112	65.90302-0011	PLUG:DRILLED PASS	6					
113	65.90302-0017	PLUG:WATER JET CORE	6					
116	06.06225-0706	BOLT:STUD M8X25	3					
117	06.06125-8717	BOLT:STUD	10					
118	06.06125-8709	BOLT:STUD M8X35	1					
119	65.91710-0004	RING:STOPPER	2					
120	65.90021-0002	BOLT:CYLINDER HEAD	19		~030910			
120	65.90021-0002	BOLT:CYLINDER HEAD	18		030911~			
121	65.90021-0003	BOLT:CYLINDER HEAD	6					
122	65.90021-0004	BOLT:CYLINDER HEAD	1		~030910			
122	65.90021-0004	BOLT:CYLINDER HEAD	2		030911~			
123	06.06125-8723	BOLT:STUD M8X110	1					
124	65.19202-5005	HOOK:LIFTING	1					
125	65.03901-0066	GASKET:CYLINDER HEAD	1		~030221	Y	65.03901-0066A	1
125	65.03901-0066A	GASKET:CYLINDER HEAD	1		030222~			
128	06.16731-2110	WASHER:SPRING	1					
129	06.01733-4409	BOLT:HEX M14X1.5X25	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
130	06.16731-2108	WASHER;SPRING	1					
131	06.01733-4208	BOLT M10X1.25X22	1					
132	65.26815-0002	PLUG:DUMMY	6					
133	65.19202-0005	HOOK:LIFTING	1					
134	06.01943-3213	BOLT ASS'Y M10X1.25X20	2					
200	65.03401-6057A	CYLINDER HEAD COVER ASS'Y	1		~030529	I	65.03401-6064	1
200	65.03401-6064	CYLINDER HEAD COVER ASS'Y	1		~041214	Y	65.03401-6064A	1
200	65.03401-6064A	CYLINDER HEAD COVER ASS'Y	1		~060206	Y	65.03401-6097	1
200	65.03401-6097	CYLINDER HEAD COVER ASS'Y	1		~070816	Y	65.03401-6097B	1
200	65.03401-6097B	CYLINDER HEAD COVER ASS'Y	1		~090409	I	150106-00006	1
200	150106-00006	CYLINDER HEAD COVER ASS'Y	1		090410~			
201	65.03401-6094	COVER:CYL. HEAD	1	D	~070816			
201	65.03401-6094A	COVER:CYL. HEAD	1	D	070817~			
202	65.01801-0011	CASE:BREATHER	1					
203	06.04190-8808	BOLT M5X16	6					
204	06.16731-2104	WASHER;SPRING	6					
205	65.03905-0002B	GASKET:CYLINDER HEAD	1		~070816	Y	65.03905-0002C	1
205	65.03905-0002C	GASKET:CYLINDER HEAD	1		~090409	I	400603-00022	1
205	400603-00022	GASKET:CYLINDER HEAD	1		090410~			
206	65.03903-0001	PACKING;BREATHER PIPE	1					
210	65.90501-0028	NUT:CYLINDER HEAD COVER	4					
211	65.90701-0202	WASHER;PLATE	4		~090409			
212	65.03905-0023A	GASKET:CYLINDER HEAD	4		~090409	I	400603-00023	4
212	400603-00023	GASKET:CYL. HEAD COVER	4		090410~			
218	65.96301-0362	HOSE;RUBBER	1		~040330	I	65.96301-0417	1
218	65.96301-0417	HOSE;RUBBER	1		~060525	Y	65.96301-0417A	1
218	65.96301-0417A	HOSE;RUBBER	1		060526~			
219	06.67020-0105	CLAMP;HOSE	1					
220	65.01810-5007	CAP;OIL FILLER	1		~051230	I	65.01810-5011	1
220	65.01810-5011	CAP;OIL FILLER	1		051231~			
223	65.01801-5035	BREATHER PIPE ASS'Y	1		~041125	Y	65.01801-5035A	1
223	65.01801-5035A	BREATHER PIPE ASS'Y	1		041126~			
224	65.96501-0032B	O-RING;BREATHER	1					
228	65.97401-0179	CLIP;WATER HOSE	2					
229	06.16731-2107	WASHER	1					
230	06.11063-8214	NUT	1					
231	06.01913-3111	BOLT ASS'Y M8X16	1					

Fig. 006 VALVE MECHANISM

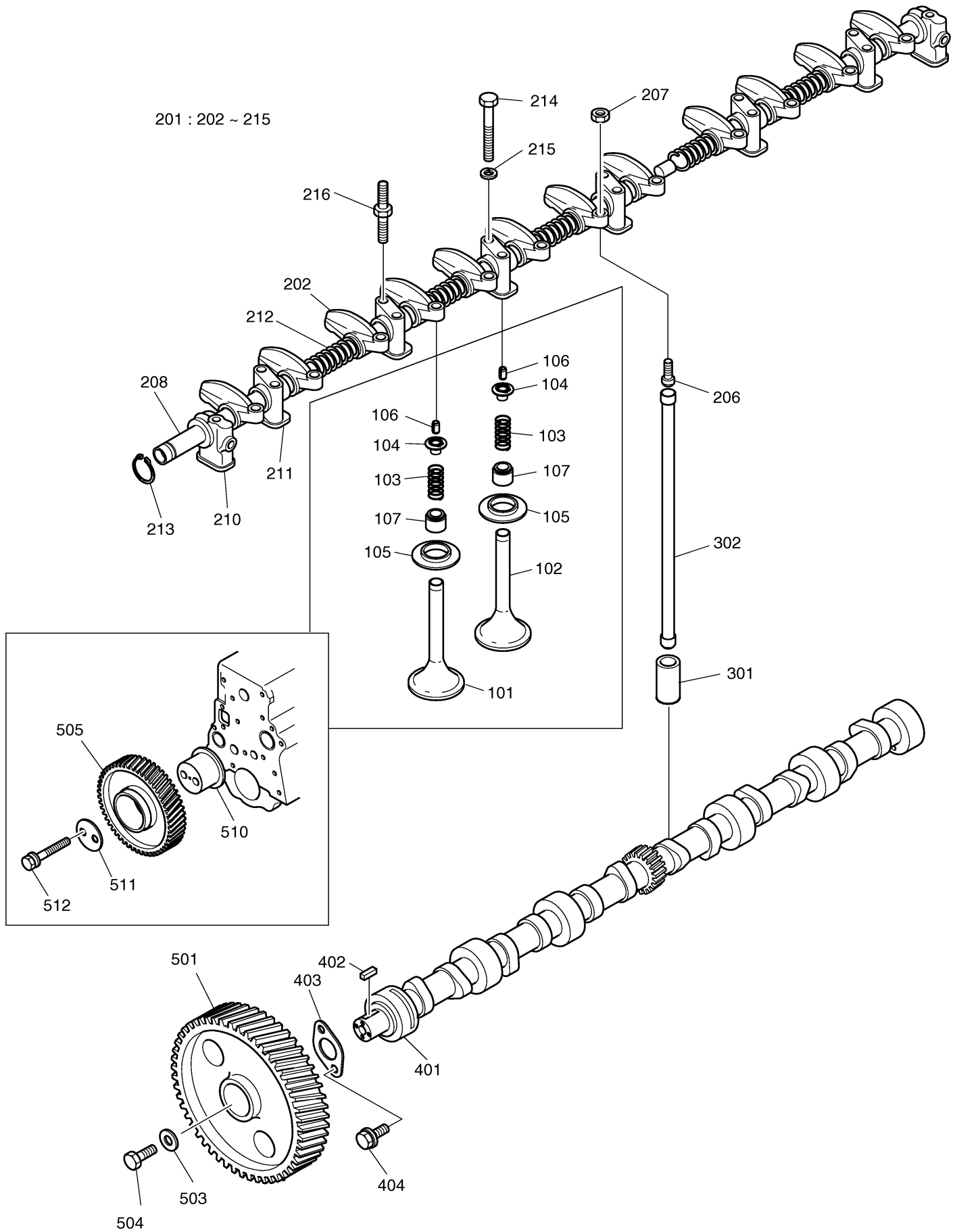
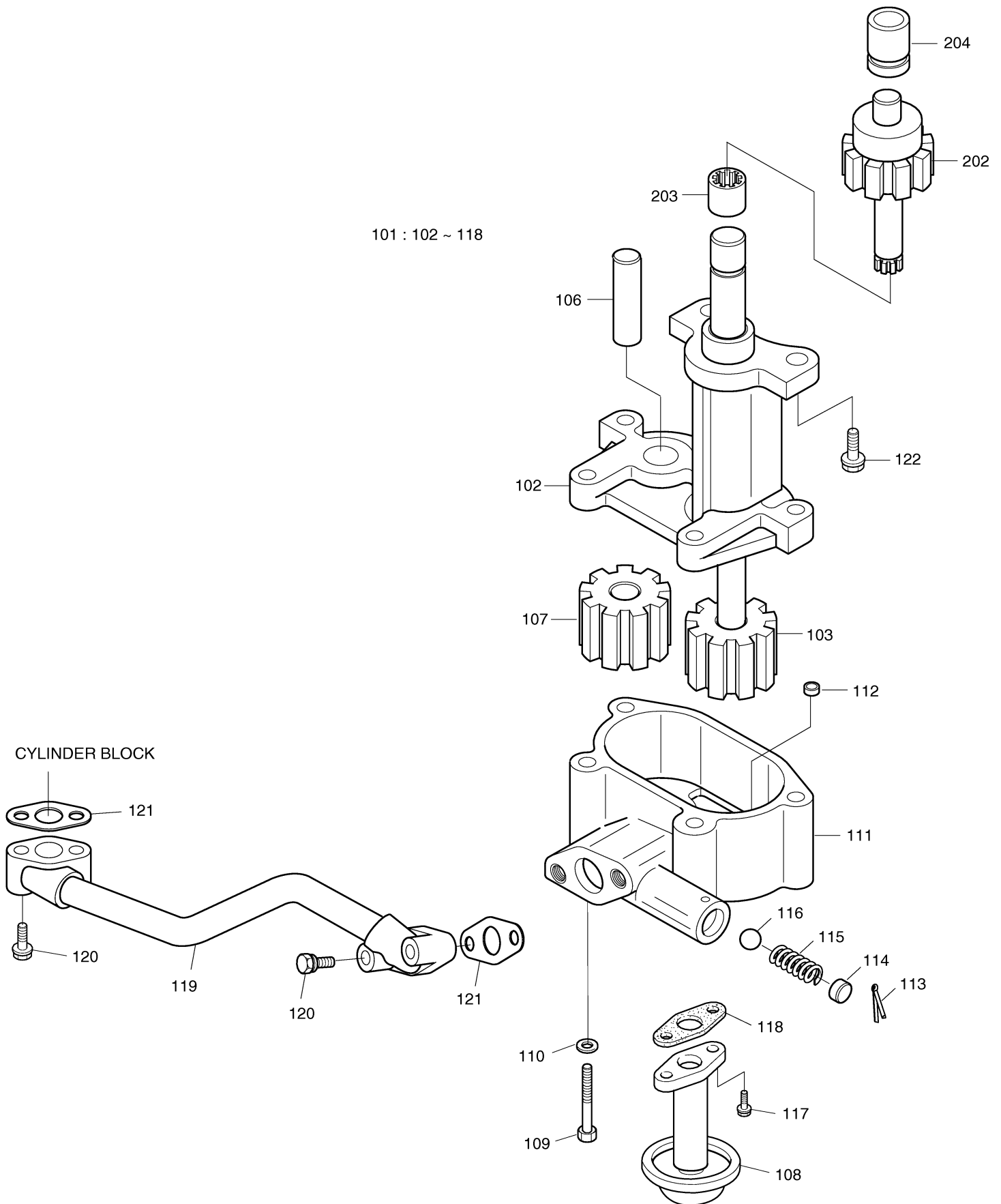


Fig. 006 VALVE MECHANISM

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.04101-0032	VALVE:INLET	6					
102	65.04101-0025A	VALVE:EXHAUST	6					
103	65.04102-0005	SPRING:VALVE	12					
104	65.04103-0001B	RETAINER:VALVE SPRING	12					
105	65.04103-0002	PLATE:SPRING	12					
106	65.04104-0001	SPLIT:COLLAR	24					
107	65.04902-0011A	SEAL:VALVE STEM	12		~040616	I	65.04902-0015	12
107	65.04902-0015	SEAL:VALVE STEM	12		040617~			
201	65.04200-6019C	ROCKER ARM & SHAFT ASS'Y	1		~050923	Y	65.04200-6019D	1
201	65.04200-6019D	ROCKER ARM & SHAFT ASS'Y	1		~090429	I	150122-00006	1
201	150122-00006	ROCKER ARM & SHAFT ASS'Y	1		090430~			
202	65.04201-5002B	ROCKER ARM ASS'Y	12		~050923	Y	65.04201-5002C	12
202	65.04201-5002C	ROCKER ARM ASS'Y	12		~090429	I	15001-00001	12
202	150101-00001	ROCKER ARM ASS'Y	12		090430~			
206	65.04205-0001	SCREW:ADJUST	12					
207	65.90501-0013	NUT:HEX	12					
208	65.04203-5008C	ROCKER ARM SHAFT ASS'Y	1					
210	65.04202-0009	BRACKET(FRONT)	1					
211	65.04202-0003C	BRACKET(ROCKER ARM)	6					
212	65.97601-0048	SPRING:ROCKER ARM	5					
213	06.29010-0116	RING:SNAP	1					
214	06.01013-9118	BOLT:HEX. M8X65	10					
215	06.15010-2311	WASHER	10					
216	65.90201-0081	BOLT:STUD	4					
301	65.04301-0009	TAPPET	12					
302	65.04302-5006	ROD:PUSH	12					
401	65.04401-0018A	SHAFT:CAM	1		~040827	Y	65.04401-0018B	1
401	65.04401-0018B	SHAFT:CAM	1		040828~			
402	06.29151-4608	KEY	1					
403	65.98112-0009	FLANGE	1		~040422	Y	65.98112-0009A	1
403	65.98112-0009A	FLANGE	1		040423~			
404	06.01913-3115	BOLT ASS'Y M8X25	2					
501	65.04501-0004	GEAR:CAM SHAFT	1					
503	65.90701-0059	WASHER:PLAIN	1					
504	06.01733-4410	BOLT M14X1.5X28	1					
505	65.04505-5012	IDLE GEAR ASS'Y	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
510	65.04506-0011	SHAFT;IDLE GEAR	1					
511	65.90720-0016	WASHER;THRUST	1					
512	06.01943-3222	BOLT ASS'Y M10X1.25X55	2					

Fig. 007 OIL PUMP



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