

[illegible]

Fig. 001 CYLINDER BLOCK

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01101-6051F	CYLINDER BLOCK ASS'Y	1		~990518	Y	65.01101-6051H	1
1	65.01101-6051H	CYLINDER BLOCK ASS'Y	1		990519~			
2	65.01101-0030E	BLOCK:CYLINDER	1	D				
2	65.01101-0030F	BLOCK:CYLINDER	1	D				
3	65.01105-1044	CAP:BEARING(F.M.R)	6	D				
5	65.01105-1043	CAP:BEARING(NO.4)	1	D				
7	65.91710-0001	RING:STOPPER	2					
8	65.90020-0066A	BOLT:BRG CAP	14					
9	65.04410-0007A	BUSH:CAM SHAFT	1	B				
10	65.04410-0006A	BUSH:CAM SHAFT	5	B				
11	65.90302-0009	PLUG:CORE	2					
12	06.15091-0319	PLUG:CORE	2					
13	06.15091-0322	PLUG:CORE	3					
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	65.91605-0001C	COVER	1			Y	65.91605-0001E	1
21	65.91605-0001E	COVER	1					
22	06.01913-3113	BOLT ASS'Y M8X20	2					
23	65.01112-0021	COVER:PUSH ROD CHAMBER	2			Y	65.01112-0021A	2
23	65.01112-0021A	COVER:PUSH ROD CHAMBER	2					
24	65.01112-5018	COVER:PUSH ROD CHAMBER	1					
25	65.90020-0049	BOLT:HEX.	6					
26	65.96507-0007	PACKING:PUSH ROD CHAMBER	6					
27	65.01110-6090A	METAL:CRANK STD	7		~000322	Y	65.01110-6090B	7
27	65.01110-6090B	METAL:CRANK STD	7		000323~			
27	65.01110-6091B	METAL:CRANK 0.25	7	US				
27	65.01110-6092B	METAL:CRANK 0.50	7	US				
28	65.01150-6010	WASHER:THRUST STD	2		~000501	Y	65.01150-6010A	2
28	65.01150-6010A	WASHER:THRUST STD	2		000502~			
28	65.01150-6011	WASHER:THRUST 0.25	2	OS	~000501			
28	65.01150-6034A	WASHER:THRUST 0.25	2	OS	000502~			
28	65.01150-6012	WASHER:THRUST 0.50	2	OS	~000501			

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
28	65.01150-6035A	WASHER;THRUST 0.50	2	OS	000502~			
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	65.01901-0004	GASKET;CHAMBER COVER	3			Y	65.01901-0020	3
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	65.05903-0013	GASKET	1			Y	65.05903A0013	1
40	65.05903A0013	GASKET;FLANGE	1					
41	65.98130-0040	ADAPTER	1		~000410	Y	65.98130-0040A	1
41	65.98130-0040A	ADAPTER	1		000411~			
42	65.06310-6003	PLUG;DRAIN	1					
44	04.50010-0811	HOSE;VINYL	1					
45	06.56190-0713	RING;SEAL A18X24	2					
46	65.01601-5010A	OIL JET PIPE	6					
47	65.05401-5015	RELIEF VALVE ASS'Y	6		~971027			
47	65.05401-5023	RELIEF VALVE ASS'Y	6		971028~			
48	06.56021-0102	O-RING	1					
52	65.05401-5002	RELIEF VALVE ASS'Y	1			Y	65.05401-5002F	1
52	65.05401-5002F	RELIEF VALVE ASS'Y	1					
53	65.27441-7006	SWITCH;OIL PRESS.	1					
54	65.90201-0182	BOLT;STUD	1					
55	65.97401-0050	CLIP;PIPE	1		000822~			

Fig. 002 TIMING GEAR CASE

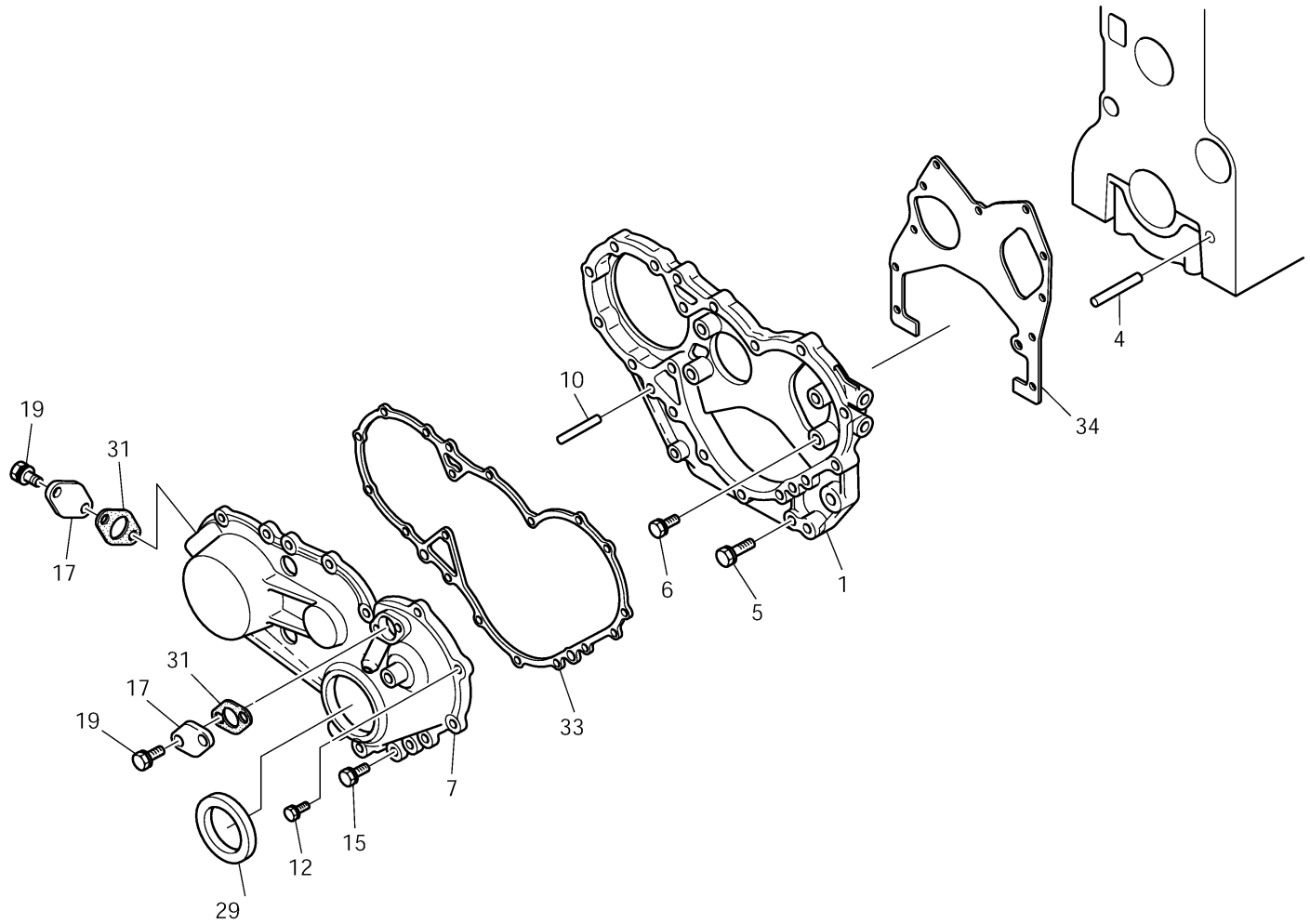


Fig. 002 TIMING GEAR CASE

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					
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	65.01307-0002	COVER;TIMING CHECK HOLE	2			Y	65.01307-0002B	2
17	65.01307-0002B	COVER;TIMING CHECK HOLE	2					
19	06.01283-6911	BOLT;HEX. M6X16	4			Y	06.01913-2911	2
19	06.01913-2911	BOLT ASS'Y M6X16	4					
29	65.01510-0001	SEAL;OIL(FRONT)	1					
31	65.01903B0002	GASKET(T.G.C)	2			Y	65.01903-0002C	2
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

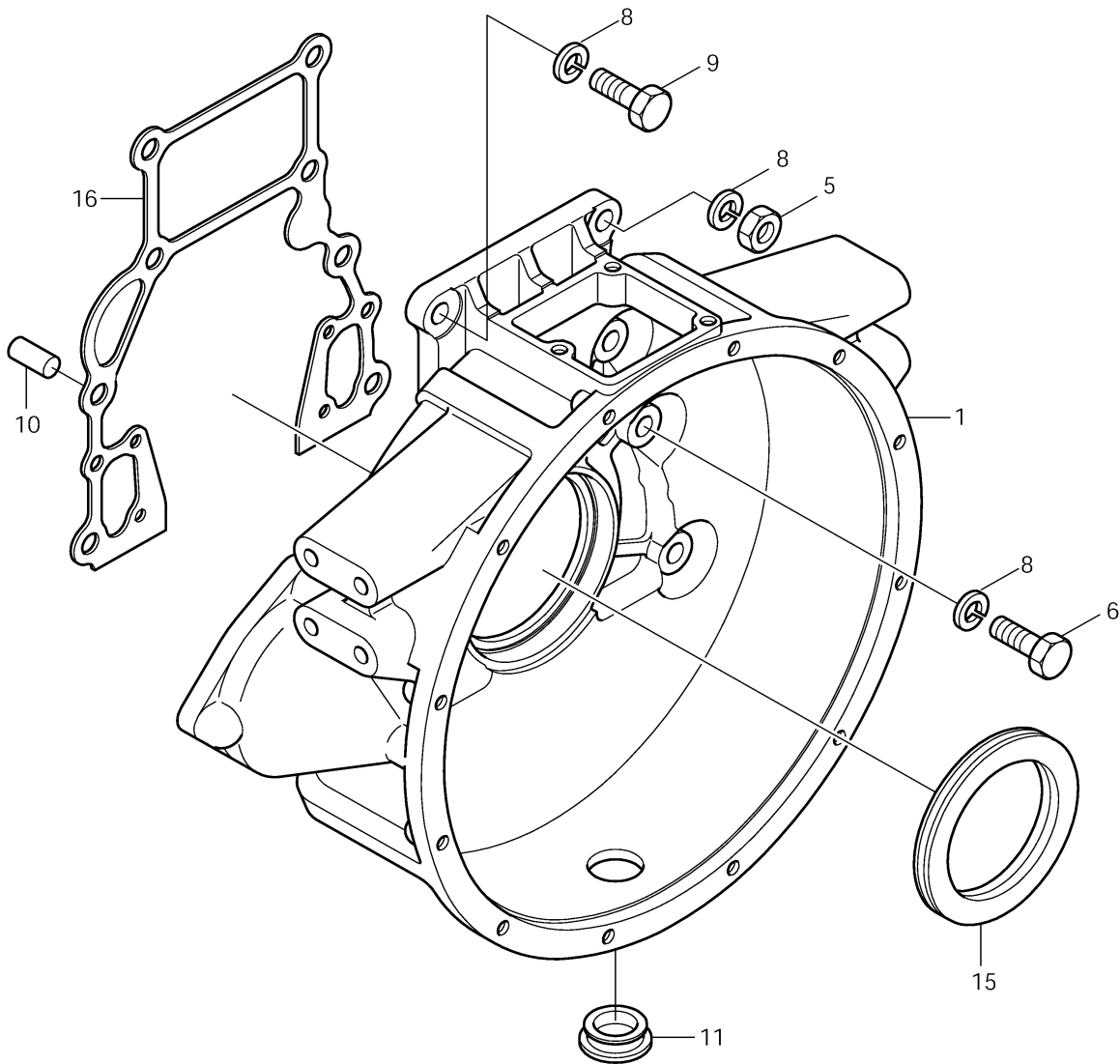


Fig. 003 FLYWHEEL HOUSING

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01401-0224A	HOUSING;FLYWHEEL	1		~010730	I	65.01401-0119	1
1	65.01401-0119	HOUSING;FLYWHEEL	1		010731~			
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

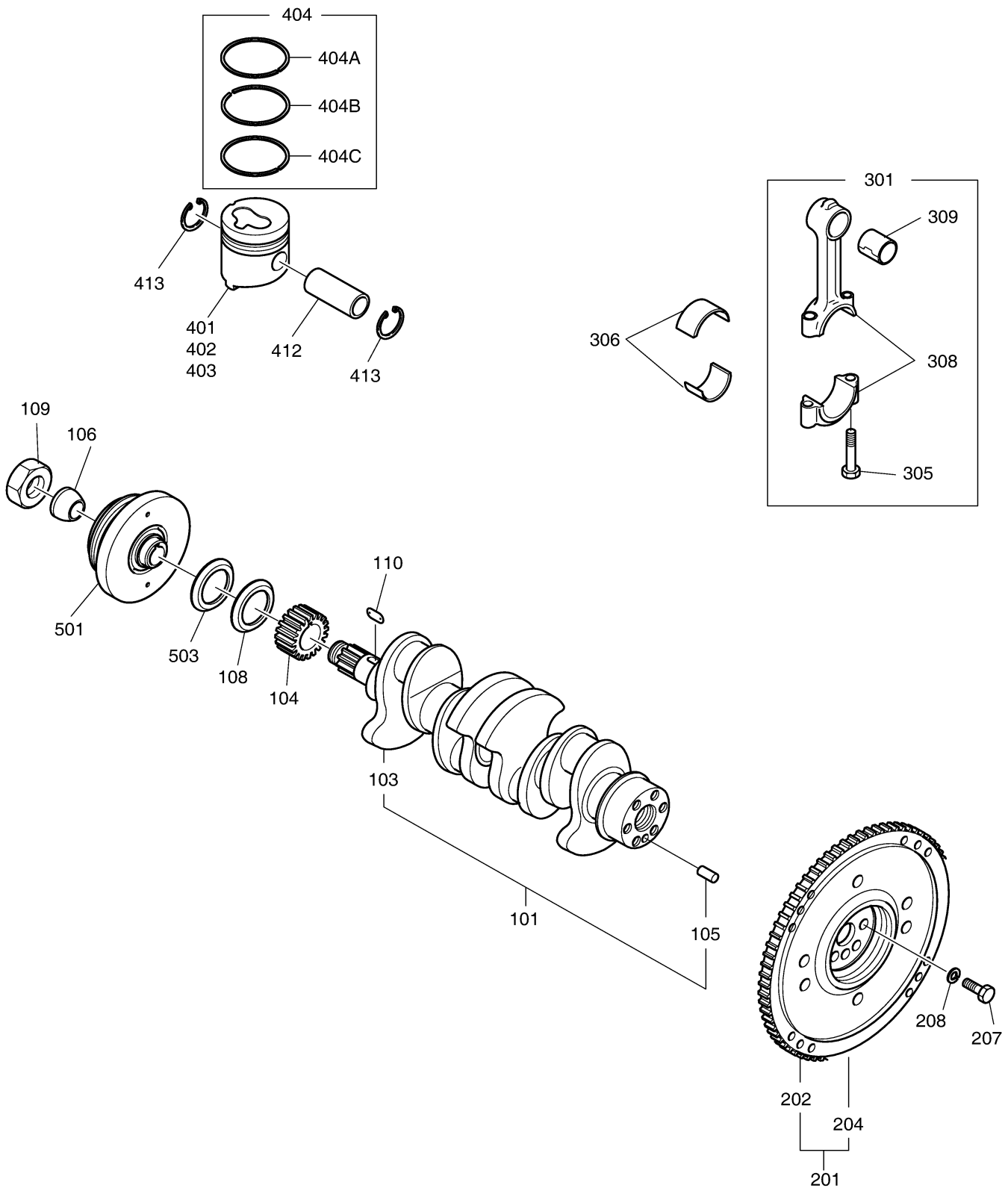


Fig. 004 CRANK SHAFT

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.02101-6018	CRANK SHAFT ASS'Y	1		~000715	Y	65.02101-6018A	1
101	65.02101-6018A	CRANK SHAFT ASS'Y	1		000716~			
103	65.02101-0045A	SHAFT;CRANK	1					
105	06.22022-3210	PIN;PARALLEL	1		~000715			
105	06.22022-3212	PIN;PARALLEL	1		000716~			
104	65.02115-0013	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	65.02401-6161	CONNECTING ROD ASS'Y	6		~970909	T	65.02401-6205D	1
301			-				65.02501-0561	1
301			-				65.02502-0082A	1
301			-				65.90815-0007	2
301	65.02401-6205B	CONNECTING ROD ASS'Y	6		970910~	Y	65.02401-6205D	1
301	65.02401-6205D	CONNECTING ROD ASS'Y	6		000526~			
305	65.02411-0006	BOLT	2		~970909	Y	65.02411-0006A	2
305	65.02411-0006A	BOLT	2		970910~			
308	65.02401-0163C	ROD;CONNECTING	1	D				
309	65.02405-0163B	BUSH	1	D				
306	65.02410-6083	METAL;CON-ROD STD	6					
401	65.02501-0211	PISTON(ALT.V.)	6		~970909	T	65.02401-6205D	1
401			-				65.02501-0561	1
401			-				65.02502-0082A	1
401			-				65.90815-0007	2
401	65.02501-0561	PISTON(ALT.V.-1)	6		970910~			
402	65.02501-0562	PISTON-1;A GRADE	6					
403	65.02501-0563	PISTON-1;B GRADE	6					
404	65.02503-8058	PISTON RING KIT	1					
404A	-	RING;TOP	6	K				
404B	-	RING,SECOND	6	K				

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
404C	—	RING;OIL	6	K				
412	65.02502-0002	PIN;PISTON	6		~970909			
412	65.02502-0082A	PIN;PISTON	6		970910~			
413	06.29020-0122	RING;RETAINING	12		~970909			
413	65.90815-0007	RING;RETAINING	12		970910~			
501	65.02601-5019	PULLEY;DAMPER	1					
503	65.02122-0001	COVER;DUST	1					

Fig. 005 CYLINDER HEAD

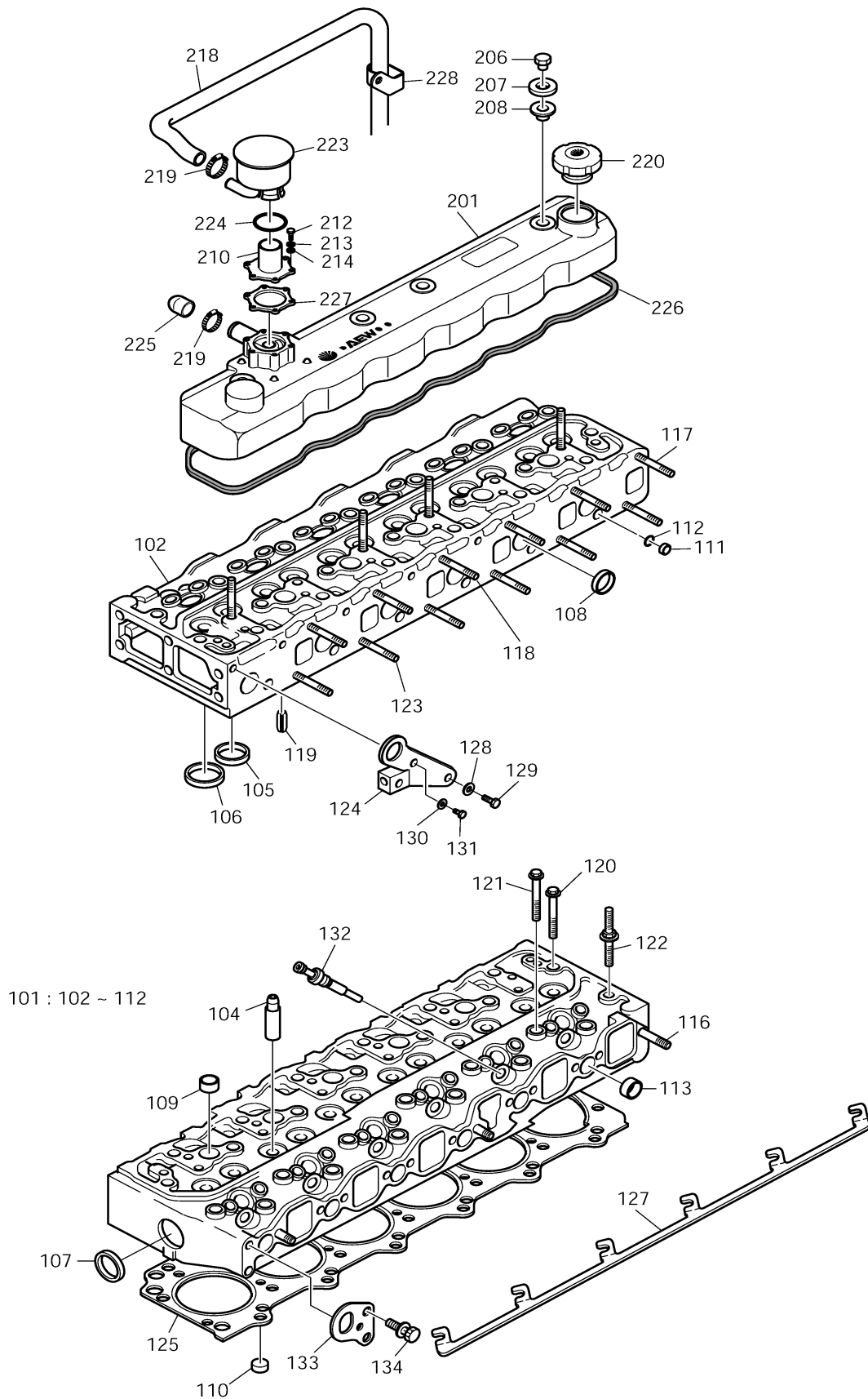


Fig. 005 CYLINDER HEAD

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.03101-6049	CYLINDER HEAD ASS'Y	1					
102	65.03101-1043	HEAD:CYLINDER	1	D				
104	65.03201-1013	GUIDE:VALVE	12	D				
105	65.03203-1020	SEAT:EXHAUST VALVE	6	D				
106	65.03203-1019	SEAT:INLET VALVE	6	D				
107	65.90302-0015	PLUG:CORE(NEAR FACE)	1					
108	65.90302-0016	PLUG:CORE(EXHAUST MAIN)	3					
109	65.90302-0019B	PLUG:CORE	11					
110	06.15090-2313	PLUG:CORE	3					
111	06.15090-2305	PLUG:CORE	6					
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	65.90020-0006	BOLT:CYLINDER HEAD	19		~970723	I	65.90020-0294	19
120	65.90020-0294	BOLT:CYLINDER HEAD	19		970724~			
121	65.90020-0007	BOLT:CYLINDER HEAD	6		~970723	I	65.90020-0295	6
121	65.90020-0295	BOLT:CYLINDER HEAD	6		970724~			
122	65.90020-0027	BOLT:CYLINDER HEAD	1		~970723	I	65.90020-0296	1
122	65.90020-0296	BOLT:CYLINDER HEAD	1		970724~			
123	06.06125-8723	BOLT:STUD M8X110	1					
124	65.19202-5005	HOOK:LIFTING	1					
125	65.03901-0055	GASKET:CYLINDER HEAD	1					
127	65.26810-0007	CONNECTOR	1					
128	06.16731-2110	WASHER:SPRING	1					
129	06.01733-4409	BOLT:HEX M14X1.5X25	1					
130	06.16731-2108	WASHER:SPRING	1					
131	06.01733-4208	BOLT M10X1.25X22	1					
132	65.26803-7014B	PLUG:GLOW	6					
133	65.19202-0005	HOOK:LIFTING	1					
134	06.01943-3213	BOLT ASS'Y M10X1.25X20	2					
201	65.03401-6043A	CYLINDER HEAD COVER ASS'Y	1		~001129	T	65.03401-6057	1
201			-				65.03905-0023	4
201			-				65.90701-0202	4

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
201			—				65.90501-0028	4
201	65.03401-6057	CYLINDER HEAD COVER ASS'Y	1		001130~			
206	65.90501-0007	NUT;CYLINDER HEAD COVER	4		~991029			
206	65.90501-0028	NUT;CYLINDER HEAD COVER	4		991030~			
207	65.90701-0018	WASHER;PLATE	4		~991029			
207	65.90701-0202	WASHER;PLATE	4		991030~			
208	65.03905-0017A	GASKET	4		~991029			
208	65.03905-0023	GASKET;CYL. HEAD COVER	4		991030~			
210	65.01801-0011	CASE;BREATHING	1					
212	06.04190-8808	BOLT M5X16	6					
213	06.16731-2104	WASHER;SPRING	6					
214	06.15010-0308	WASHER;PLAIN	6					
218	65.96301-0226	HOSE;RUBBER	1		~991112	I	65.96301-0322	1
218	65.96301-0322	HOSE;RUBBER	1		~010709	I	65.96301-0346	1
218	65.96301-0346	HOSE;RUBBER	1		010710~			
219	06.67020-0102	CLAMP	2		~001129			
219	06.67020-0102	CLAMP	1		001130~			
220	65.01810-5005	CAP;OIL FILLER	1		~951212	Y	65.01810-5007	1
220	65.01810-5007	CAP;OIL FILLER	1		951213~			
223	65.01801-5097	BREATHING PIPE ASS'Y	1					
224	65.96501-0032B	O-RING;BREATHING	1					
225	65.96001-0008	CAP;RUBBER	1		~001129			
226	65.03905-0002	GASKET;CYLINDER HEAD	1		~991029	Y	65.03905-0002B	
226	65.03905-0002B	GASKET;CYLINDER HEAD	1		991030~			
227	65.03903-0001	PACKING;BREATHING PIPE	1					
228	65.97401-0141	CLIP;WATER HOSE	1		~000923			
228	65.97401-0144	CLIP;WATER HOSE	2		000922~			

Fig. 006 VALVE MECHANISM

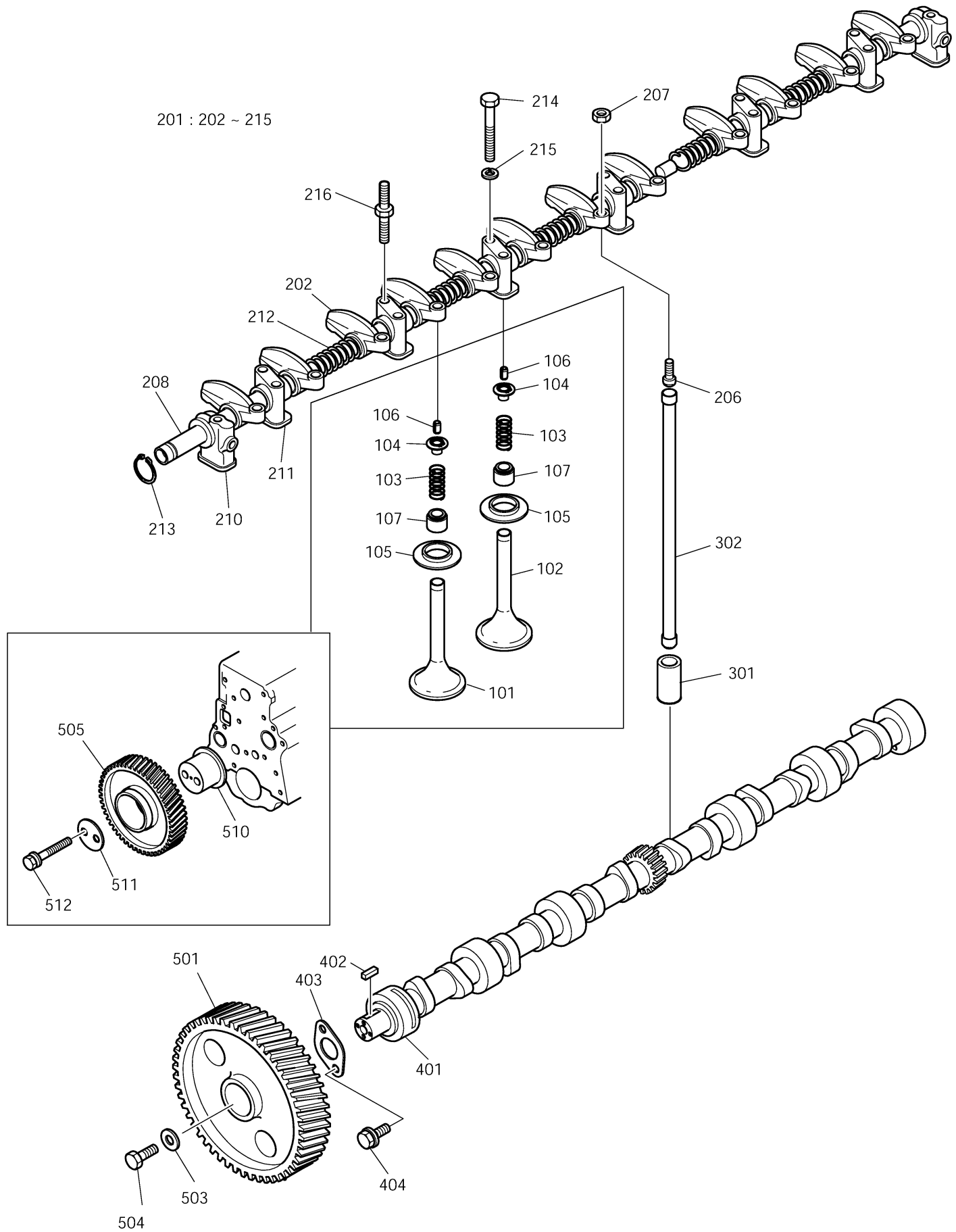


Fig. 006 VALVE MECHANISM

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.04101-0047	VALVE:INLET	6					
102	65.04101-0025A	VALVE:EXHAUST	6					
103	65.04102-0017	SPRING:VALVE	12			I	65.04102-0005	12
103	65.04102-0005	SPRING:VALVE	12					
104	65.04103-0001B	RETAINER:VALVE SPRING	12					
105	65.04103-0015	PLATE:SPRING	12			I	65.04103-0002	12
105	65.04103-0002	PLATE:SPRING	12					
106	65.04104-0001	SPLIT:COLLAR	24					
107	65.04902-0011A	SEAL:VALVE STEM	12					
201	65.04200-6019B	ROCKER ARM & SHAFT ASS'Y	1			Y	65.04200-6019C	1
201	65.04200-6019C	ROCKER ARM & SHAFT ASS'Y	1					
202	65.04201-5002B	ROCKER ARM ASS'Y	12					
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	65.04202-0003	BRACKET(ROCKER ARM)	6			Y	65.04202-0003C	6
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					
402	06.29151-4608	KEY	1					
403	65.98112-0009	FLANGE	1					
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					
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

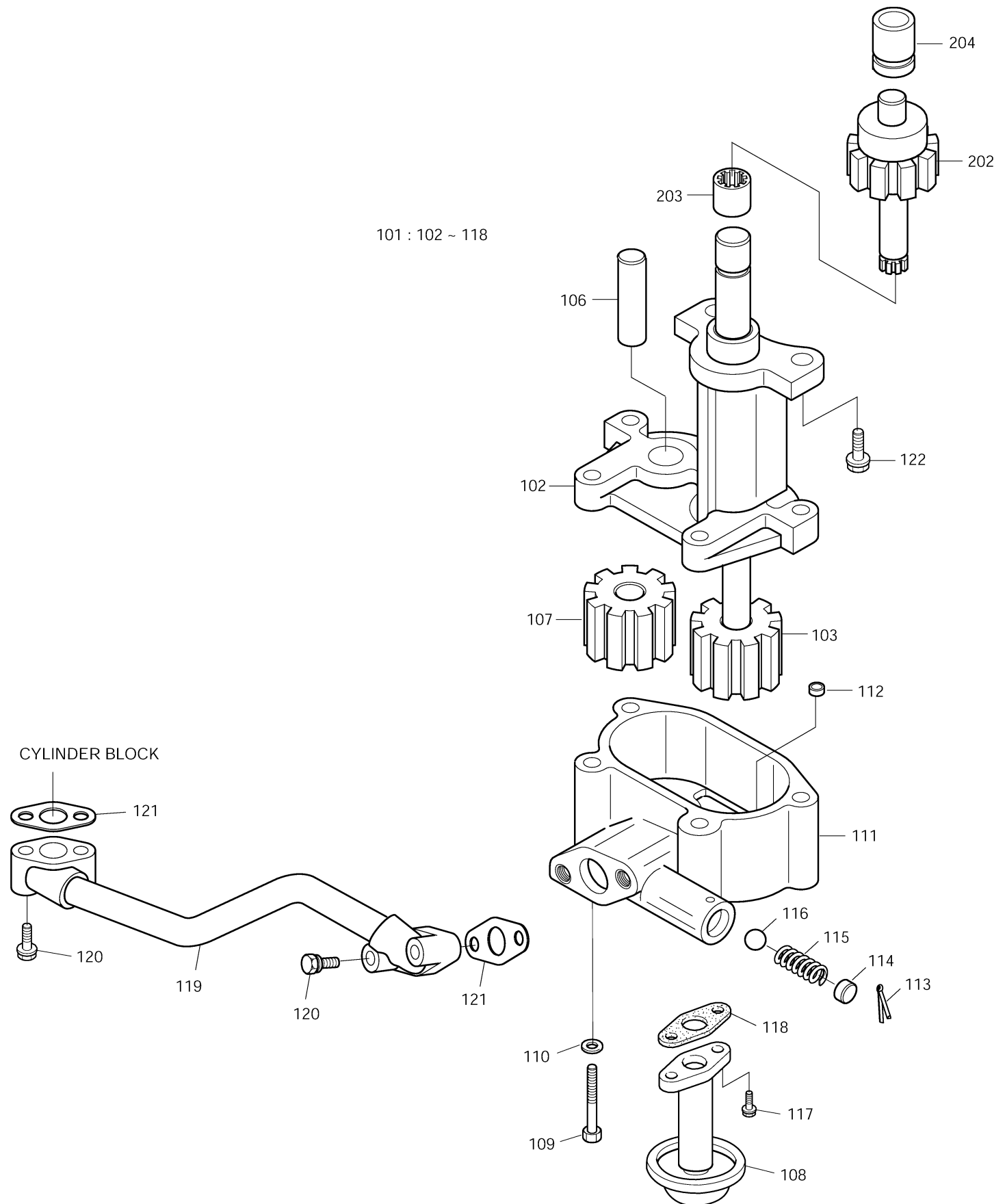
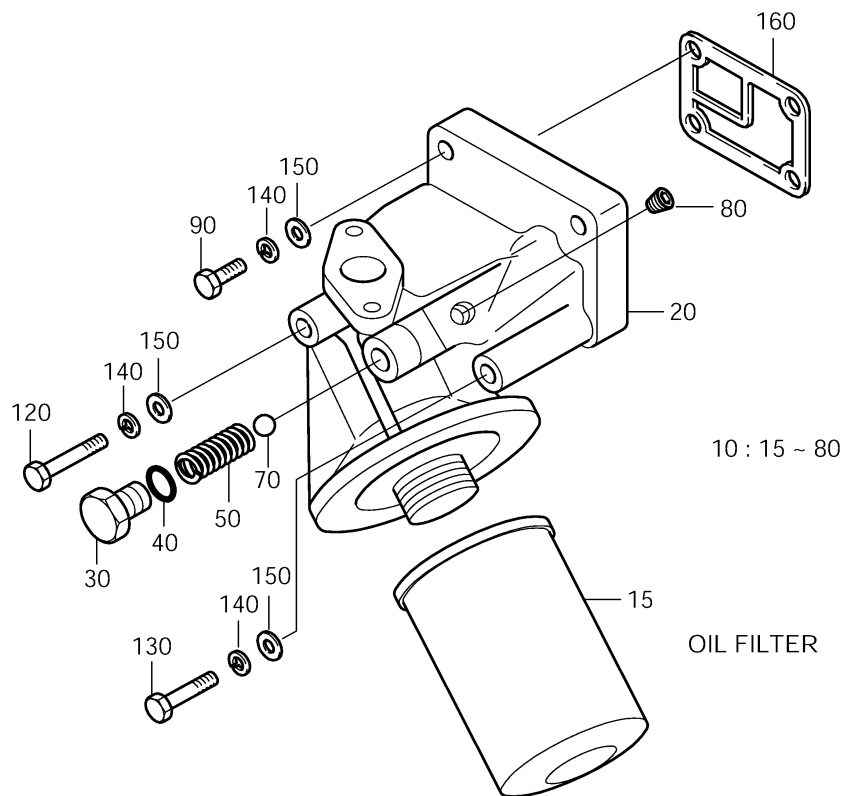


Fig. 007 OIL PUMP

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.05101-7017	OIL PUMP ASS'Y(NO.102~118)	1		~970827			
101	65.05101-7021	OIL PUMP ASS'Y(NO.102~118)	1		970828~			
102	65.05103-0024	COVER:OIL PUMP	1	D				
102	65.05102-0018	HOUSING:OIL PUMP	1	D				
103	65.05104-6002	GEAR ASS'Y:OIL PUMP	1		~970827			
103	65.05104-6065	GEAR ASS'Y:OIL PUMP	1		970828~			
106	65.05105-0003	SHAFT:OIL PUMP	1		~970827			
106	65.05105-0044	SHAFT:OIL PUMP	1		970828~			
107	65.05104-0177	GEAR:OIL PUMP	1					
108	65.05705-6012	STRAINER ASS'Y	1		~970827			
108	65.05705-6016	STRAINER ASS'Y	1		970828~			
109	06.01013-9117	BOLT M8X65	4					
110	06.16731-2107	WASHER	4					
111	65.05103-0051	COVER:OIL PUMP	1	D				
112	65.91710-0012	RING:STOPPER	1					
113	06.22070-0913	PIN:SPLIT 4X30	1					
114	65.91305-0007	SEAT:SPRING	1					
115	65.97601-0090	SPRING:COMPRESSION	1					
116	06.31641-0222	BALL:STEEL	1					
117	06.01913-3113	BOLT ASS'Y M8X20	2					
118	65.96601-0058	GASKET	1					
119	65.05701-5636	OIL PIPE ASS'Y	1					
120	06.01923-3120	BOLT ASS'Y M8X45	4					
121	65.05903A0002	GASKET	2					
122	06.01944-3215	BOLT ASS'Y M10X1.25X25	2					
202	65.05201-0065	GEAR:OIL PUMP DRIVE	1					
203	65.05207-0006	COUPLING:SLEEVE	1					
204	65.05202-0001A	BUSH:DRIVE GEAR	1					

Fig. 008 OIL FILTER



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