

Fig. 001 CYLINDER BLOCK [2001 ~ 2016]

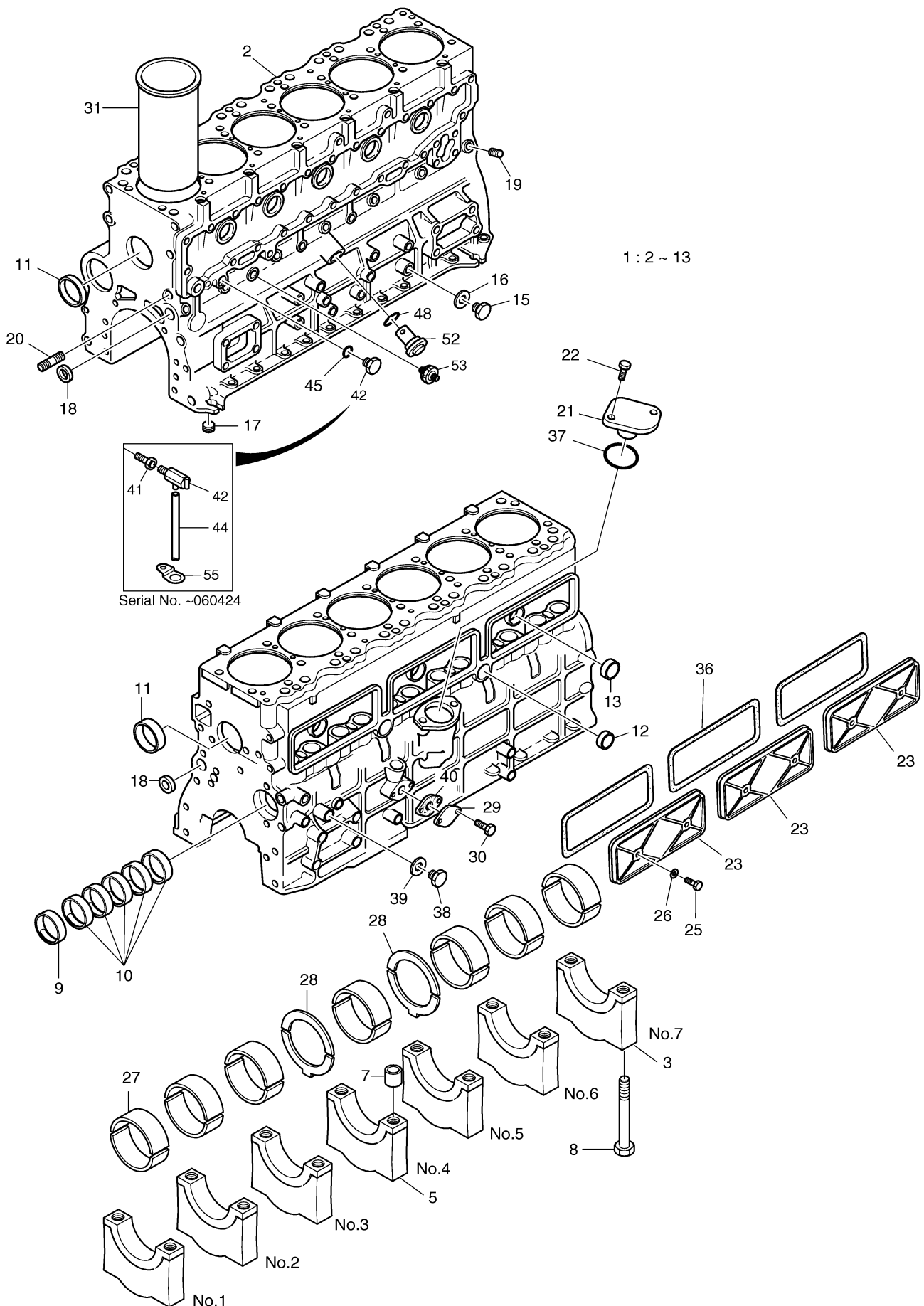


Fig. 001 CYLINDER BLOCK [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01101-6054H	CYLINDER BLOCK ASS'Y	1		~030617	Y	65.01101-6054I	1
1	65.01101-6054I	CYLINDER BLOCK ASS'Y	1		~041214	Y	65.01101-6054J	1
1	65.01101-6054J	CYLINDER BLOCK ASS'Y	1		~060726	Y	65.01101-6054L	1
1	65.01101-6054L	CYLINDER BLOCK ASS'Y	1		060727~			
2	65.01101-0031D	BLOCK:CYLINDER	1	D	~030617			
2	65.01101-0031F	BLOCK:CYLINDER	1	D	030618~			
3	65.01105-1004	CAP:BEARING(F.M.R)	6	D	~060726			
3	65.01105-1044A	CAP:BEARING(F.M.R)	6	D	060727~			
5	65.01105-1003	CAP:BEARING(NO.4)	1	D	~060726			
5	65.01105-1043A	CAP:BEARING(NO.4)	1	D	060727~			
7	65.91710-0001	RING:STOPPER	2					
8	65.90020-0066A	BOLT:BRG CAP	14					
9	65.04410-0007A	BUSH:CAM SHAFT	1	B	~021109	Y	65.04410-0007B	1
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	06027~			
10	65.04410-0006A	BUSH:CAM SHAFT	5	B	~021109	Y	65.04410-0006B	5
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			
12	65.90302-0041	PLUG:CORE	2		030511~			
13	06.15091-0322	PLUG:CORE	3		~030510			
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	3					
25	65.90020-0049	BOLT:HEX.	6					
26	65.96507-0007	PACKING:PUSH ROD CHAMBER	6					
27	65.01110-6090B	METAL:CRANK STD	7					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
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		~060424			
42	65.06310-6003	PLUG;DRAIN	1		~021123	Y	65.06310-6003A	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	1					
48	06.56021-0102	O-RING	1					
52	65.05401-5002F	RELIEF VALVE ASS'Y	1					
53	65.27441-7006	SWITCH;OIL PRESS.	1					
55	65.97401-0050	CLIP;PIPE	1		~060424			

Fig. 002 TIMING GEAR CASE [2001 ~

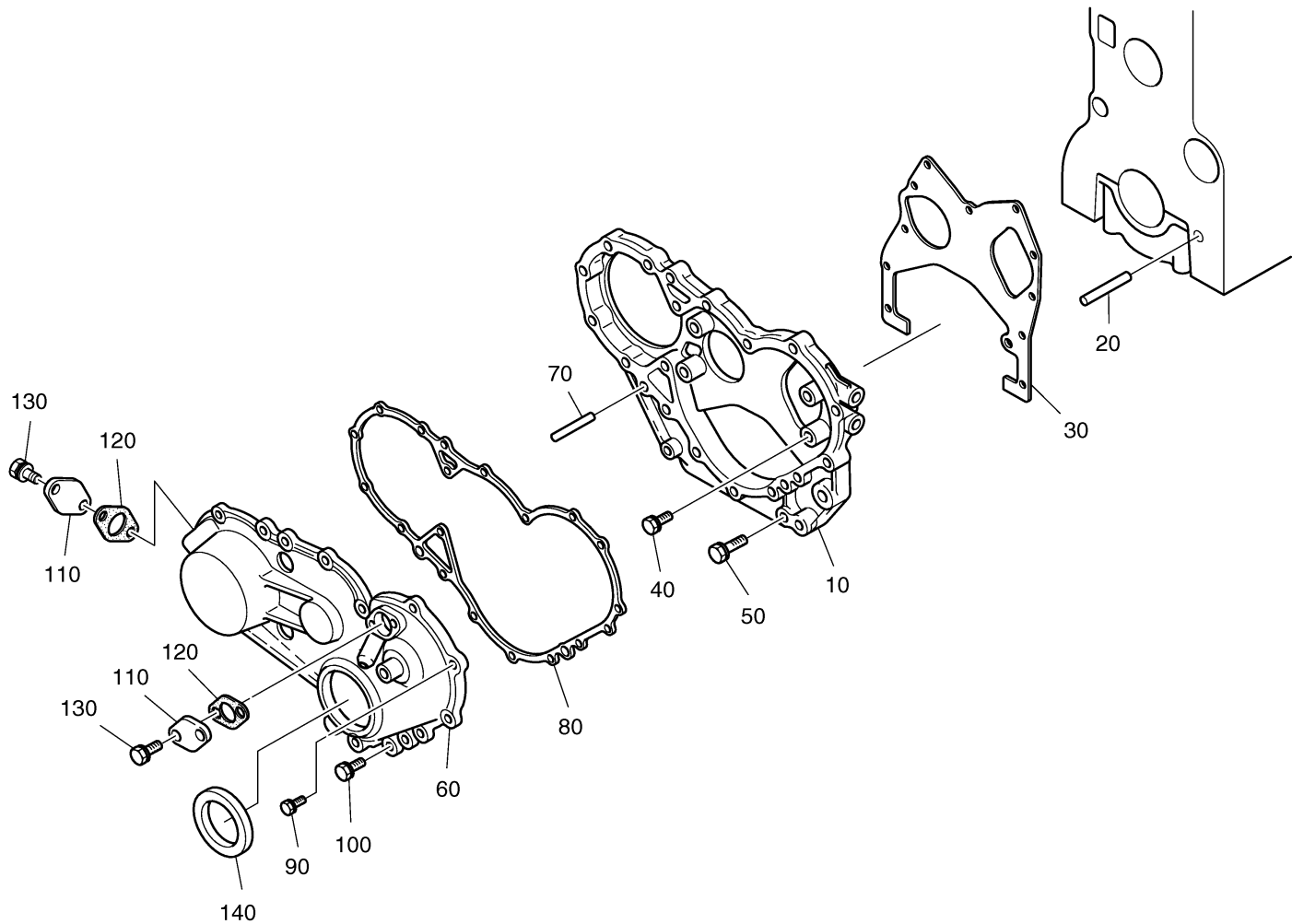


Fig. 002 TIMING GEAR CASE [2001 ~

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
10	65.01304-0003C	CASE;TIMING GEAR	1					
20	06.22022-3119	PIN	1					
30	65.01903B0004	GASKET;TIMING GEAR	1					
40	06.01913-3113	BOLT ASS'Y M8X20	4					
50	06.01913-3120	BOLT ASS'Y M8X45	2					
60	65.01305-5074	COVER;TIMING GEAR CASE	1		~050628	Y	65.01305-5074A	1
60	65.01305-5074A	COVER;TIMING GEAR CASE	1		050629~			
70	06.22022-3111	PIN	1					
80	65.01903B0003	GASKET;TIMING GEAR CASE	1					
90	06.01913-3115	BOLT ASS'Y M8X25	7					
100	06.01913-3122	BOLT ASS'Y M8X55	5					
110	65.01307-0002B	COVER;TIMING CHECK HOLE	2					
120	65.01903-0002C	GASKET	2					
130	06.01913-2911	BOLT ASS'Y M6X16	4					
140	65.01510-0001	SEAL;OIL(FRONT)	1					

Fig. 003 FLYWHEEL HOUSING [2001 ~

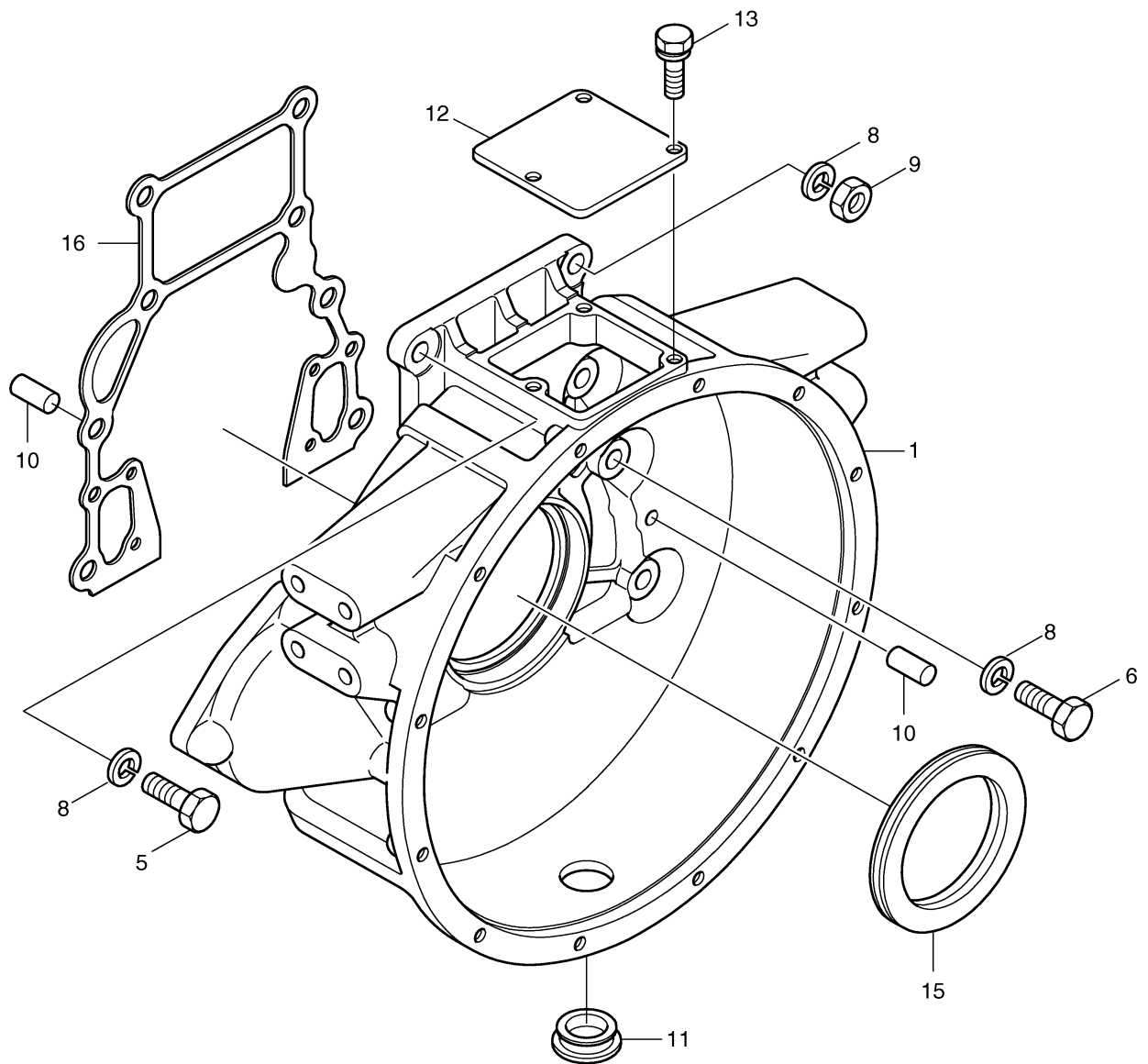


Fig. 003 FLYWHEEL HOUSING [2001 ~

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					
12	65.91615-0007	COVER;BLIND	1					
13	06.01913-3211	BOLT ASS'Y M10X1.5X16	3					
15	65.01510-0101	SEAL;OIL(REAR)	1					
16	65.01904-0021	GASKET;FLYWHEEL HOUSING	1					

Fig. 004 CRANK SHAFT [2001 ~ 2016]

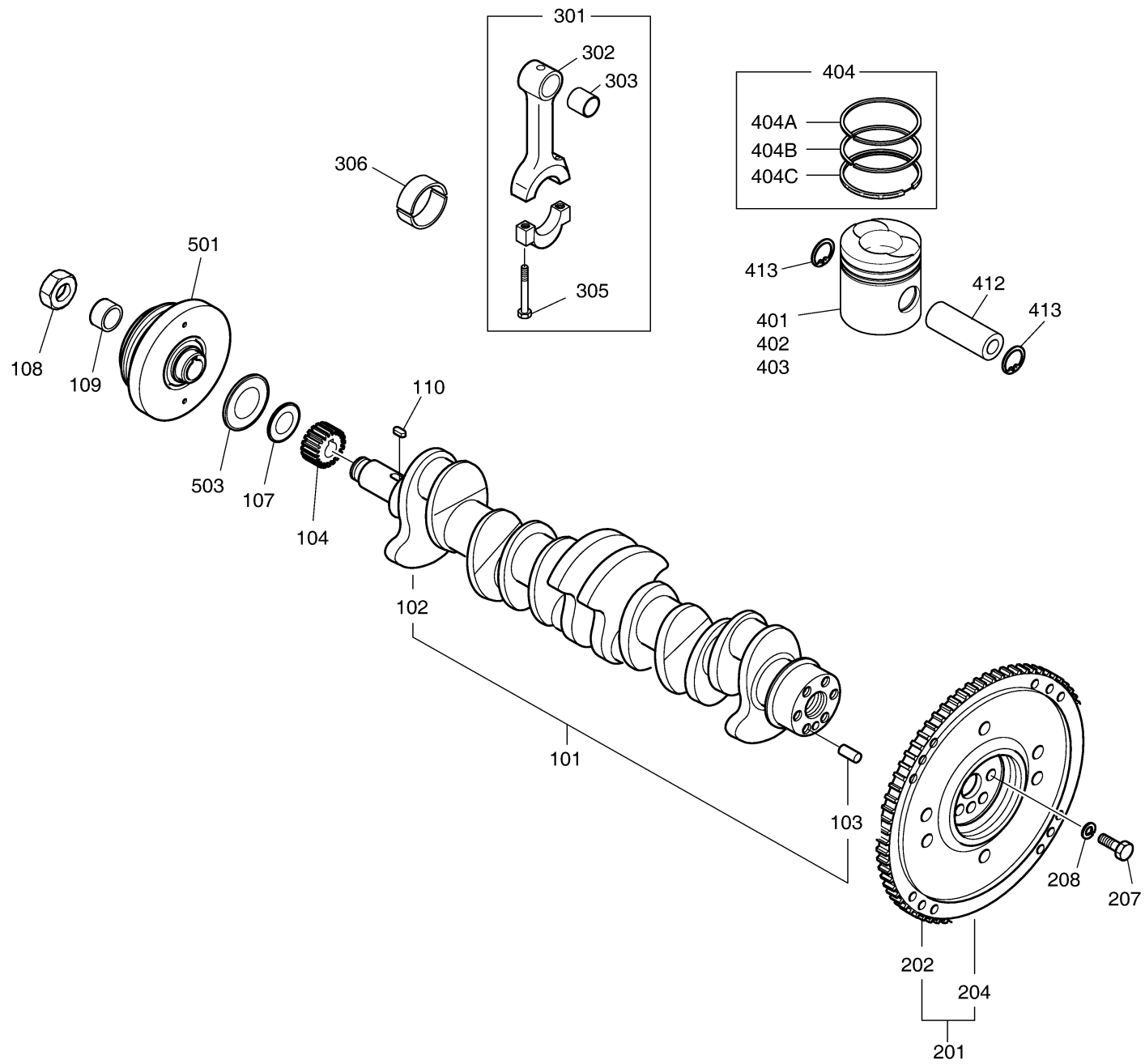


Fig. 004 CRANK SHAFT [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.02101-6018A	CRANK SHAFT ASS'Y	1					
102	65.02101-0045A	SHAFT;CRANK	1					
103	06.22022-3212	PIN;PARALLEL	1					
104	65.02115-0013	GEAR:CRANK SHAFT	1		~021010	Y	65.02115-0009	1
104	65.02115-0009	GEAR:CRANK SHAFT	1		021011~			
107	65.02120-0002	RING;OIL THROWER	1					
108	65.90501-0006	NUT	1					
109	65.93020-0015	BUSH;TAPER	1					
110	65.91501-0006	KEY;SLIDING	1					
201	65.02301-5055	FLYWHEEL ASS'Y	1					
202	65.02310-0006	GEAR;RING	1					
204	65.02301-0203	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		~030818	Y	65.02401-6161A	6
301	65.02401-6161A	CONNECTING ROD ASS'Y	6		~040424	Y	65.02401-6028	6
301	65.02401-6028	CONNECTING ROD ASS'Y	6		~041208	Y	65.02401-6028A	6
301	65.02401-6028A	CONNECTING ROD ASS'Y	6		041209~			
302	65.02401-0161	ROD;CONNECTING	1	D	~030818			
302	65.02401-0161A	ROD;CONNECTING	1	D	~040424			
302	65.02401-0016	ROD;CONNECTING	1	D	040425~			
303	65.02405-1060	BUSH	1	B				
305	65.02411-0006	BOLT	2		~040424	Y	65.02401-0016A	2
305	65.02411-0006A	BOLT	2		040425~			
306	65.02410-6003A	METAL;CON ROD STD	6					
401	65.02501-0195	PISTON(ALT V)	6	D				
402	65.02501-0196	GRADE(A GRADE)	6					
403	65.02501-0197	GRADE(B GRADE)	6					
404	65.02503-8058	PISTON RING KIT	1					
404A	-	RING;TOP	6	K				
404B	-	RING,SECOND	6	K				
404C	-	RING;OIL	6	K				
412	65.02502-0002	PIN;PISTON	6					
413	06.29020-0121	RING;RETAINING	12					
501	65.02601-5019	PULLEY;DAMPER	1					
503	65.02122-0001	COVER;DUST	1					

Fig. 005 CYLINDER HEAD [2001 ~ 2016]

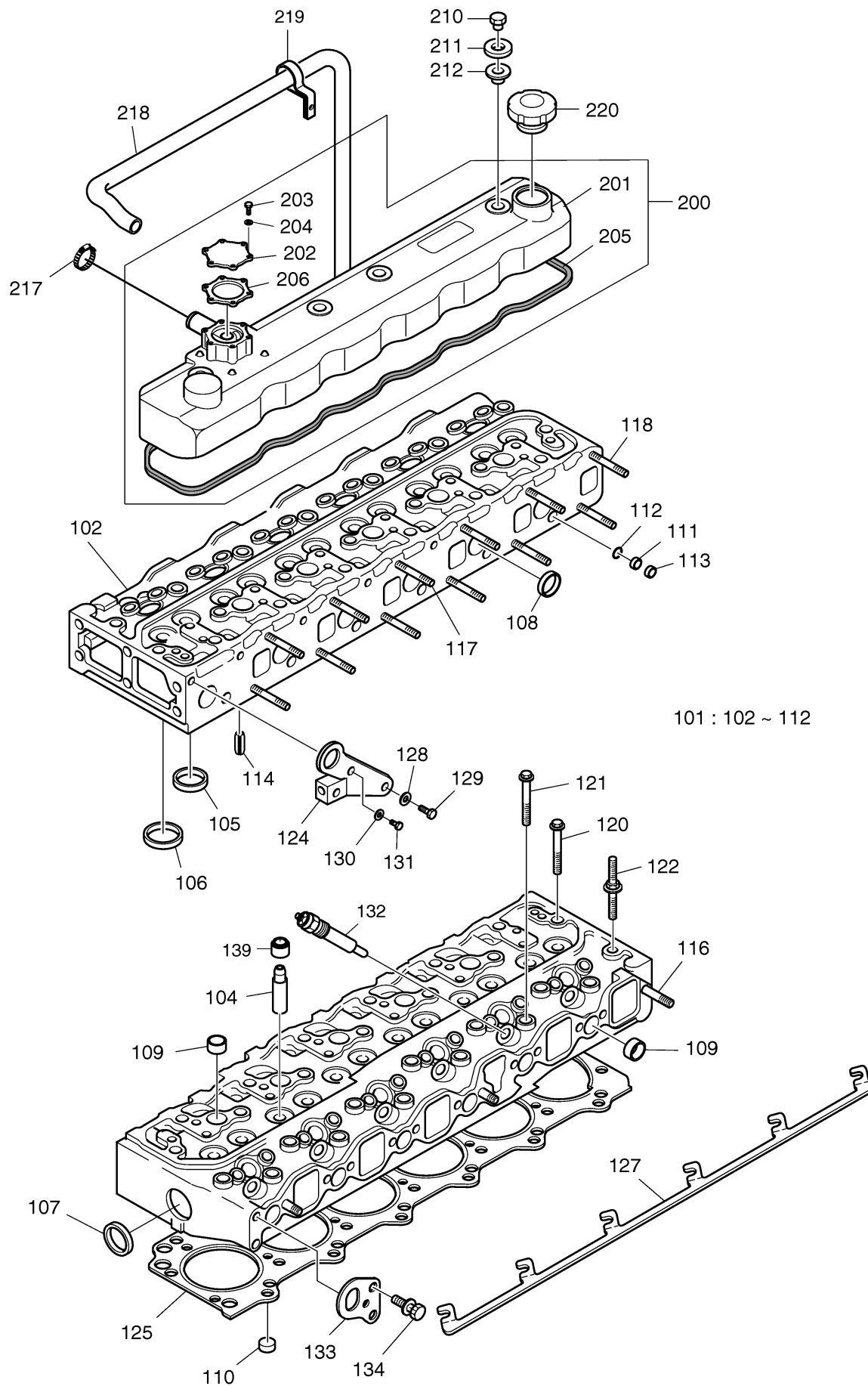


Fig. 005 CYLINDER HEAD [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.03101-6049	CYLINDER HEAD ASS'Y	1		~020919	I	65.03101-6071A	1
101	65.03101-6071A	CYLINDER HEAD ASS'Y	1		~040924	I	65.03101-6071B	1
101	65.03101-6071B	CYLINDER HEAD ASS'Y	1		040925~			
102	65.03101-1043	HEAD:CYLINDER	1	D	~020919			
102	65.03101-1043C	HEAD:CYLINDER	1	D	020920~			
104	65.03201-1013	GUIDE:VALVE	12	B	~040924	Y	65.03201-1013A	12
104	65.03201-1013A	GUIDE:VALVE	12	B	040925~			
105	65.03203-1020	SEAT:EXHAUST VALVE	6	B	~020919	I	65.03203-1054	6
105	65.03203-1054	SEAT:EXHAUST VALVE	6	B	020920~			
106	65.03203-1019	SEAT:INLET VALVE	6	B	~020919	I	65.03203-1053	6
106	65.03203-1053	SEAT:INLET VALVE	6	B	020920~			
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					
114	65.91710-0004	RING:STOPPER	2					
116	06.06225-0706	BOLT:STUD M8X25	3					
117	06.06125-8717	BOLT:STUD	11					
118	65.90201-0016	BOLT:STUD	1					
120	65.90020-0294	BOLT:CYLINDER HEAD	18					
121	65.90020-0295	BOLT:CYLINDER HEAD	6					
122	65.90020-0296	BOLT:CYLINDER HEAD	2					
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	65.26803-7004B	PLUG:GROW	6		~040115	Y	65.26803-7004C	6

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
132	65.26803-7004C	PLUG;GROW	6		~060317	Y	65.26803-7004D	6
132	65.26803-7004D	PLUG;GROW	6		060318~			
133	65.19202-0005	HOOK;LIFTING	1					
134	06.01943-3213	BOLT ASS'Y M10X1.25X20	2					
139	65.04902-0011A	SEAL;VALVE STEM	12		~040616	I	65.04902-0015	12
139	65.04902-0015	SEAL;VALVE STEM	12		040617~			
200	65.03401-6043B	COVER;CYLINDER HEAD	1		~030529	I	65.03401-6065	1
200	65.03401-6065	COVER;CYLINDER HEAD	1		~041214	Y	65.03401-6098	1
200	65.03401-6098	COVER;CYLINDER HEAD	1		~070816	Y	65.03401-6098A	1
200	65.03401-6098A	COVER;CYLINDER HEAD	1		070817~			
201	65.03401-6095	COVER;CYLINDER HEAD	1	D	~070816	Y	65.03401-6095A	1
201	65.03401-6095A	COVER;CYLINDER HEAD	1	D	070817~			
202	65.03435-0001	COVER (FOR C/H C)	1					
203	06.04190-8806	BOLT	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		070817~			
206	65.03903-0001	PACKING;BREATHER PIPE	1					
210	65.90501-0028	NUT;CYLINDER HEAD COVER	4					
211	65.90701-0202	WASHER;PLATE	4					
212	65.03905-0023	GASKET;CYL. HEAD COVER	4		~020426	Y	65.03905-0023A	4
212	65.03905-0023A	GASKET;CYLINDER HEAD	4		020427~			
217	06.67020-0102	CLAMP	1					
218	65.96301-0325	HOSE;RUBBER	1					
219	65.97401-0144	CLIP;WATER HOSE	2					
220	65.01810-5007	CAP;OIL FILLER	1		~051230	I	65.01810-5011	1
220	65.01810-5011	CAP;OIL FILLER	1		051231~			

Fig. 006 VALVE MECHANISM [2001 ~

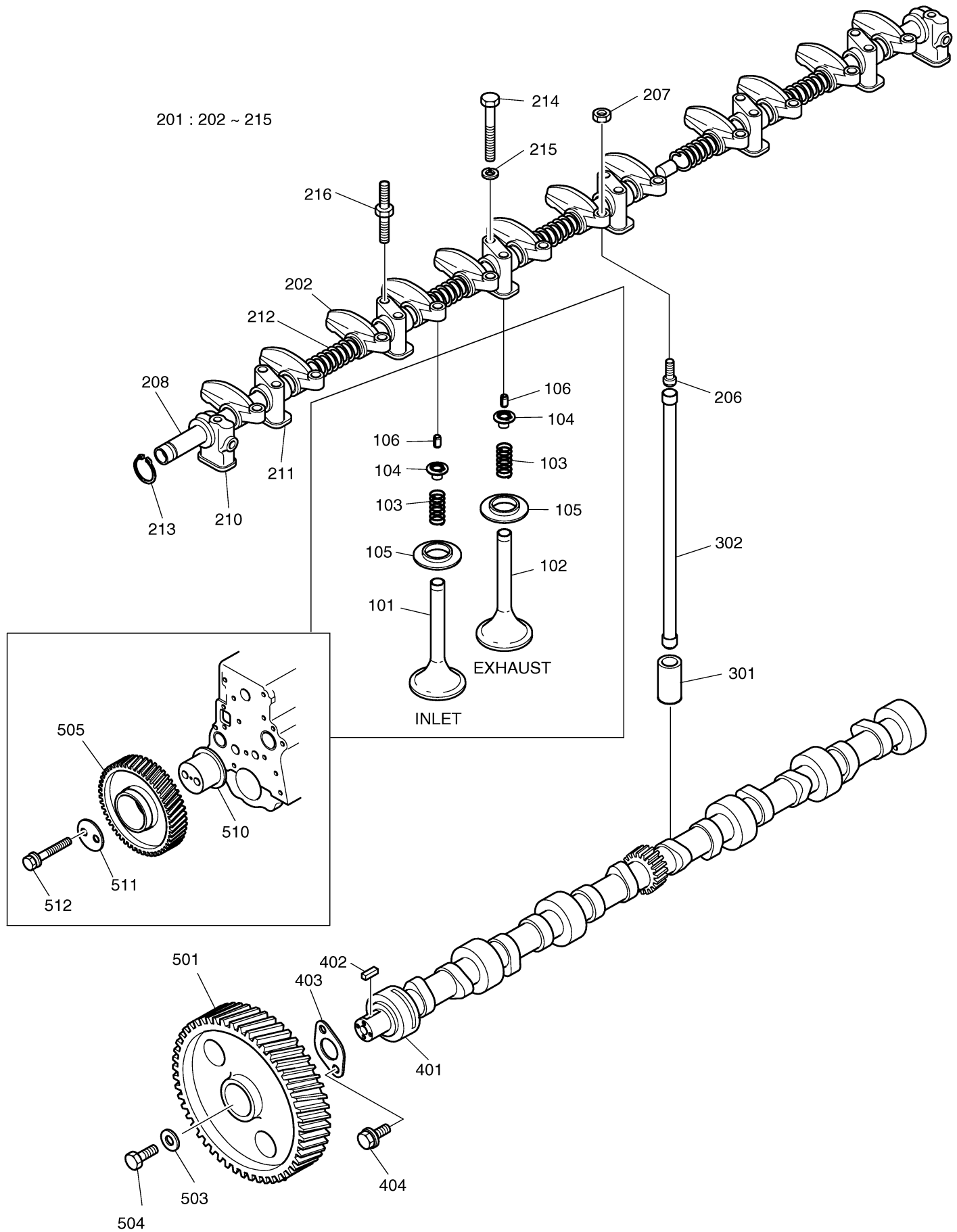


Fig. 006 VALVE MECHANISM [2001 ~

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	65.04102-0005	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					
201	65.04200-6019C	ROCKER ARM & SHAFT ASS'Y	1		~040616	Y	65.04200-6019D	1
201	65.04200-6019D	ROCKER ARM & SHAFT ASS'Y	1		040617~			
202	65.04201-5002B	ROCKER ARM ASS'Y	12		~040616	Y	65.04201-5002C	12
202	65.04201-5002C	ROCKER ARM ASS'Y	12		040617~			
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	65.04501-0006	GEAR:CAM SHAFT	1		~021010	I	65.04501-0004	1
501	65.04501-0004	GEAR:CAM SHAFT	1		021011~			
503	65.90701-0059	WASHER:PLAIN	1					
504	06.01733-4410	BOLT M14X1.5X28	1					
505	65.04505-5014	IDLE GEAR ASS'Y	1		~021010	I	65.04505-5012	1
505	65.04505-5012	IDLE GEAR ASS'Y	1		021011~			
510	65.04506-0011	SHAFT:IDLE GEAR	1					
511	65.90720-0016	WASHER:THRUST	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
512	06.01943-3222	BOLT ASS'Y M10X1.25X55	2					

Fig. 007 OIL PUMP [2001 ~ 2016]

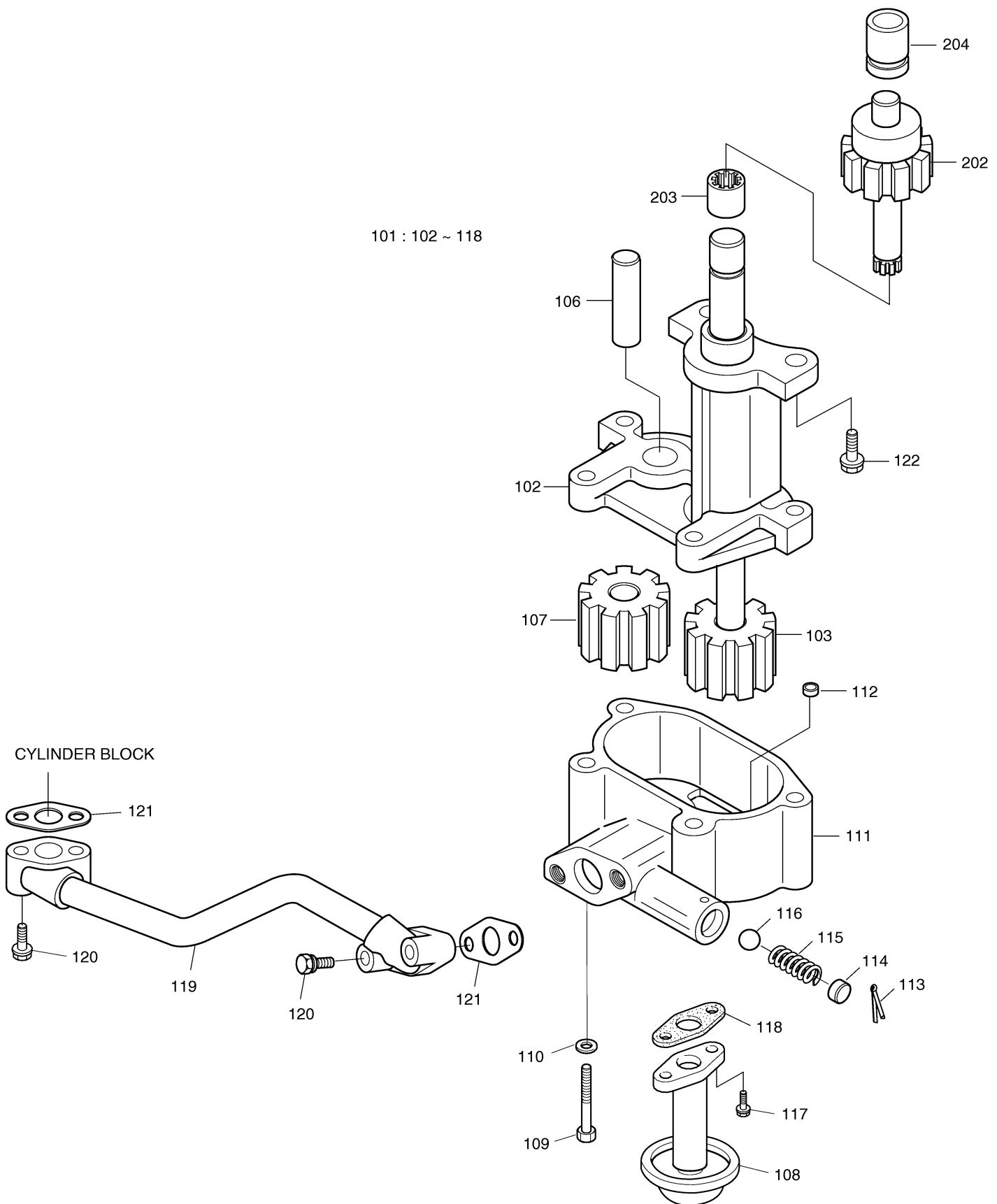


Fig. 007 OIL PUMP [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
101	65.05101-7020	OIL PUMP ASS'Y(NO.102-118)	1					
102	65.05102-0018	HOUSING;OIL PUMP	1	D				
103	65.05104-6002	GEAR ASS'Y;OIL PUMP	1					
106	65.05105-0003	SHAFT;OIL PUMP	1					
107	65.05104-0002	GEAR;OIL PUMP	1					
108	65.05705-6015	STRAINER	1	D				
109	06.01013-9117	BOLT M8X65	4					
110	06.16731-2107	WASHER	4					
111	65.05103-0024	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	65.05701-5251A	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		~050819	Y	65.05202-0001B	1
204	65.05202-0001B	BUSH;DRIVE GEAR	1		050820~			

Fig. 008 OIL FILTER [2001 ~ 2016]

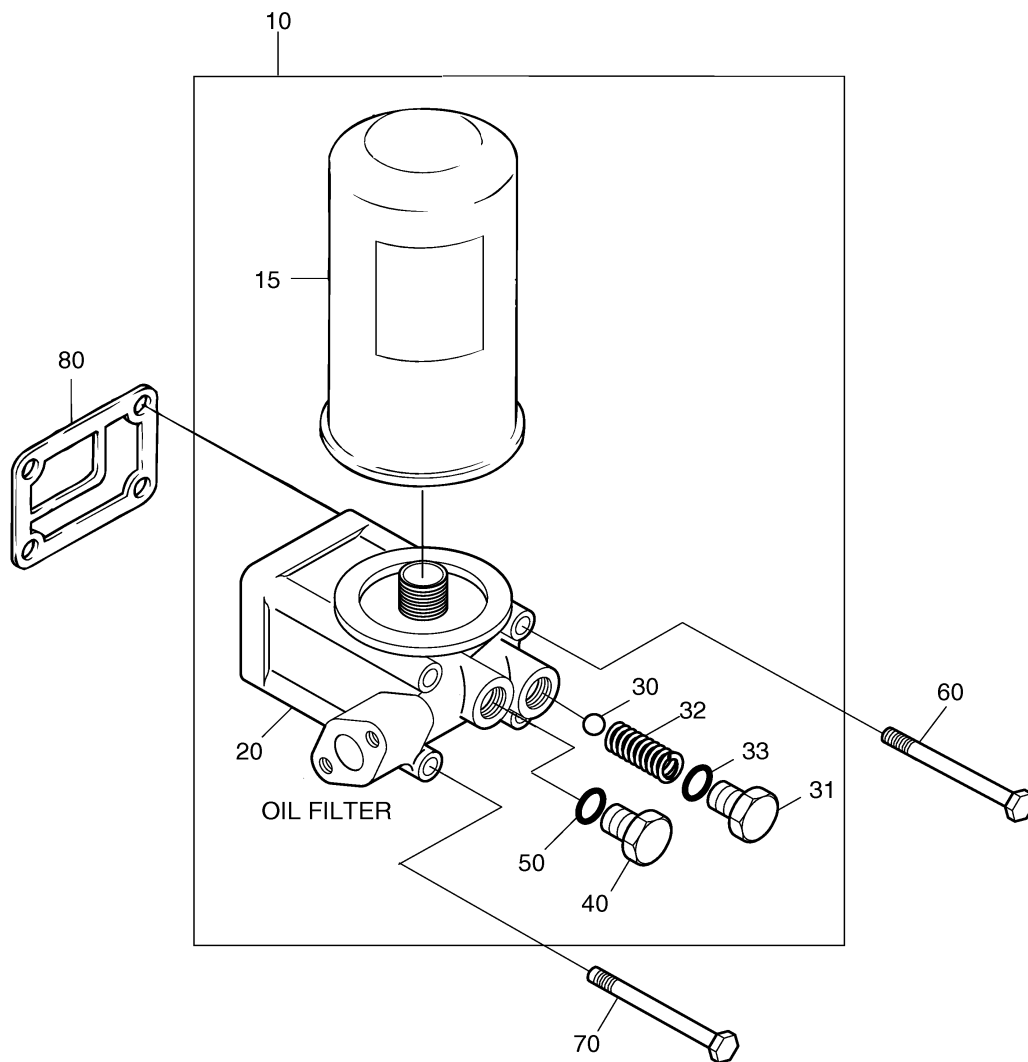


Fig. 008 OIL FILTER [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
10	65.05501-7069	OIL FILTER ASS'Y	1		~061212	Y	65.05501-7069B	1
10	65.05501-7069B	OIL FILTER ASS'Y	1		061213~			
15	65.05510-5021A	ELEMENT;OIL FILTER	1		~061212	Y	65.05510-5021B	1
15	65.05510-5021B	ELEMENT;OIL FILTER	1		061213~			
20	65.05503-5045	HEAD;OIL FILTER	1		~061212	Y	65.05503-5045A	1
20	65.05503-5045A	HEAD;OIL FILTER	1		061213~			
30	06.31641-0222	BALL;STEEL	1					
31	06.08092-0202	SCREW PLUG M10X1.25	1					
32	65.97601-0045	SPRING;COMPRESS	1					
33	06.56180-0714	RING;SEAL	1					
40	65.90310-0036A	PLUG;SCREW	1					
50	06.56190-0709	SEAL;RING	1					
60	06.01953-3234	BOLT ASS'Y M10X1.25X130	3					
70	65.90001-6012	BOLT ASS'Y	1					
80	65.05901C0004	GASKET;OIL FILTER	1					

Fig. 009 OIL COOLER [2001 ~ 2016]

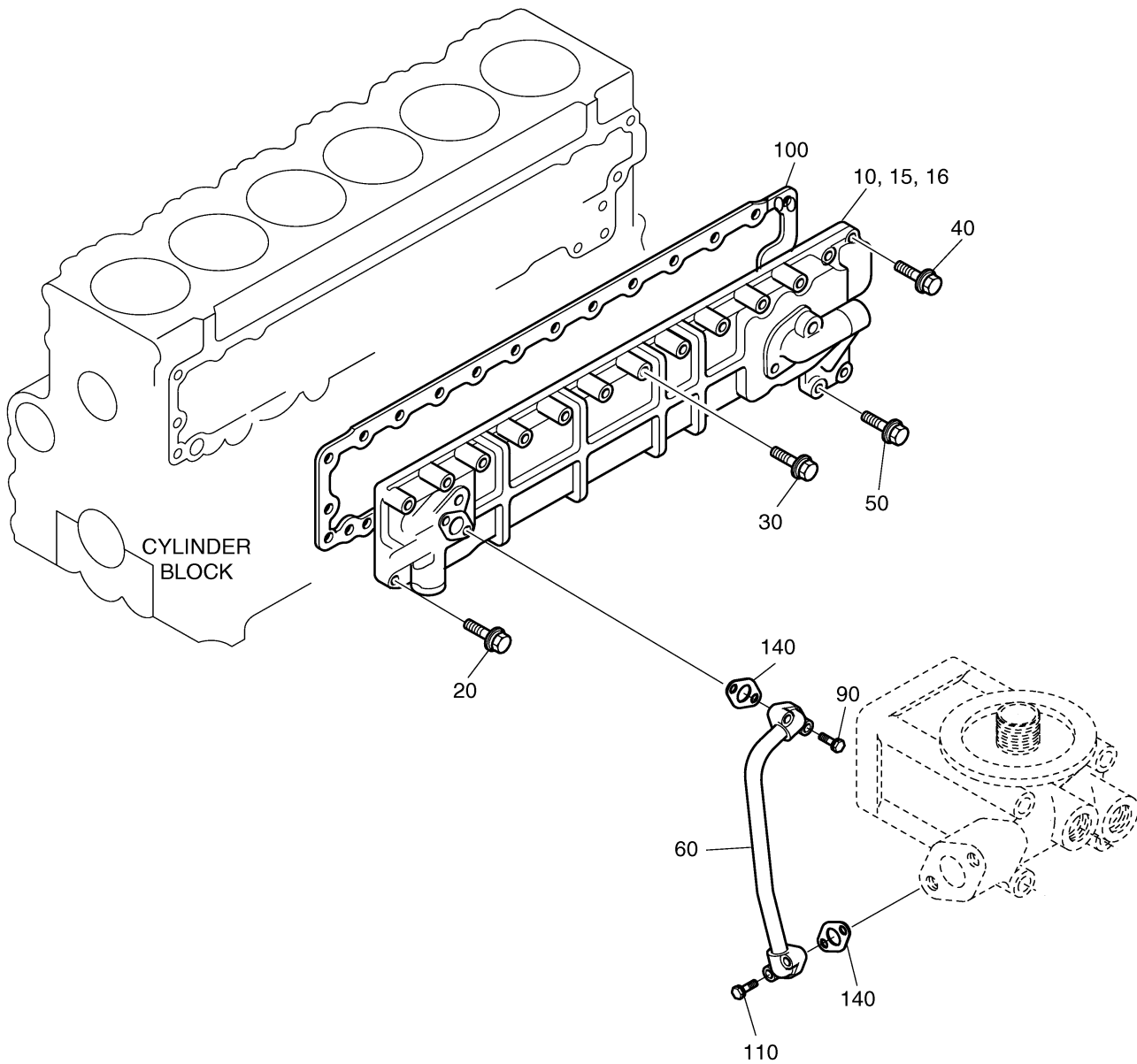
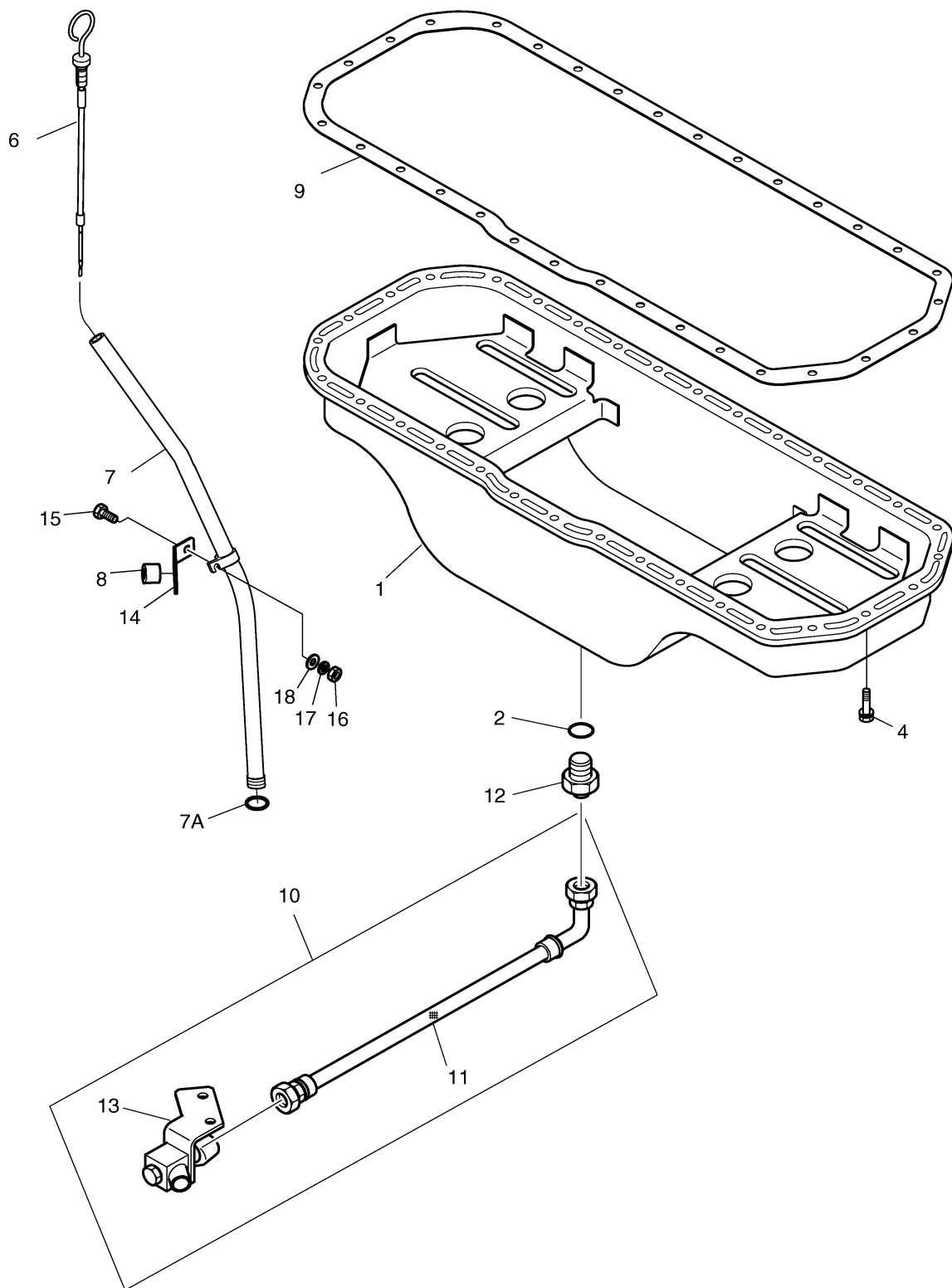


Fig. 009 OIL COOLER [2001 ~ 2016]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
10	65.05601-7058	OIL COOLER ASS'Y	1		~030825	Y	65.05601-7058A	1
10	65.05601-7058A	OIL COOLER ASS'Y	1		~060605	Y	65.05601-7058C	1
10	65.05601-7058C	OIL COOLER ASS'Y	1		060606~			
15	65.05606-5025	ELEMENT;OIL COOLER	1					
16	65.05604-0013	HOUSING;OIL COOLER	1		~060605	Y	65.05604-0013B	1
16	65.05604-0013B	HOUSING;OIL COOLER	1		060606~			
20	06.01923-3124	BOLT ASS'Y M8X65	1					
30	06.01923-3120	BOLT ASS'Y M8X45	12					
40	06.01923-3115	BOLT ASS'Y M8X25	15					
50	06.01923-3113	BOLT ASS'Y M8X20	2					
60	65.05701-5271	OIL PIPE ASS'Y	1					
90	06.01913-3119	BOLT ASS'Y M8X40	2					
100	65.05902A0005	GASKET;OIL COOLER	1					
110	06.01913-3118	BOLT ASS'Y M8X35	2					
140	65.05903A0001	GASKET	2					

Fig. 010 OIL PAN [2001 ~ 2016]



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