

Fig. 011 CYLINDER BLOCK [1 ~ 253]

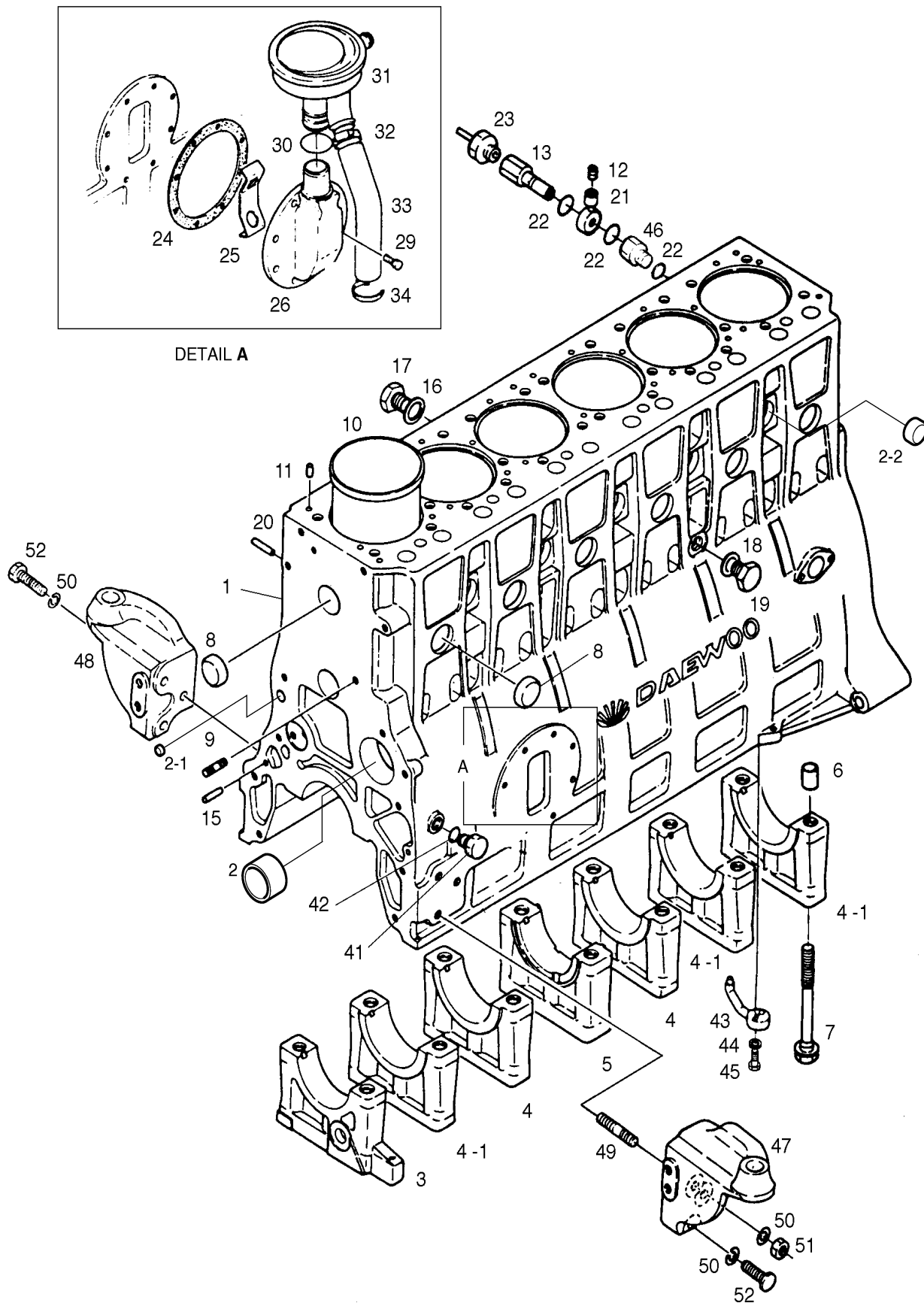


Fig. 011 CYLINDER BLOCK [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
–	65.01101-6067	CYLINDER BLOCK ASS'Y	1					
1	65.01101-0048	BLOCK;CYLINDER	1					
2	65.04410-0016	BUSH;CAM SHAFT	4					
2-1	65.91606-0041	PLUG;CORE	2					
2-2	65.90302-0048	CORE;PLUG	6					
3	65.01105-1157F	CAP;BEARING(7)	1	D				
4	65.01105-1158E	CAP;BEARING(3.5)	2	D				
4-1	65.01105-1161	CAP;BEARING(1.2.6)	3	D				
5	65.01105-1159E	CAP;BEARING(THRUST)	1	D				
6	65.91710-0035	RING;LOCATING	14					
7	65.90020-0036B	BOLT;BEARING CAP	14					
8	06.15091-0326	PLUG;CORE	15					
9	65.90201-0057	BOLT;STUD(TIMING GEAR CASE)	1					
10	65.01201-0051	LINER;CYLINDER	6					
11	06.22022-0907	PIN;DOWEL 6M6X10	4					
12	65.90320-0022	PLUG SCREW PT1/8	1					
13	65.98150-0002	ADAPTER	1					
15	06.22022-1009	PIN;DOWEL	2					
16	06.56190-0718	RING;SEAL	2					
17	65.90310-0136	SCREW;PLUG	2					
18	06.56190-0708	RING;SEAL	1					
19	65.90310-0137	SCREW;PLUG M16X1.5X20	1					
20	06.22022-1112	PIN;DOWEL	2					
21	65.98130-0076	ADAPTER	1					
22	06.56190-0704	RING;SEAL	3					
23	65.27441-7007	SWITCH;OIL PRESSURE	1					
24	65.01908-0005A	GASKET;BREATHING CASE	1					
25	65.01803-0006	BAFFLE;BREATHING	1					
26	65.01801-0002	CASE;BREATHING	1					
29	06.01923-3113	BOLT ASS'Y M8X20	8					
30	65.96501-0032	O-RING 36.09X3.53	1					
31	65.01801-5023	BREATHING PIPE ASS'Y	1					
31	65.01801-6002	BREATHING PIPE ASS'Y	1					
32	06.67020-0106	CLAMP;HOSE	1					
33	65.96301-0189	HOSE;RUBBER	1					
34	65.97401-0142	CLIP;HOSE	1					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
41	06.08092-2406	SCREW;PLUG M18X1.5	1					
42	06.56190-0713	RING;SEAL A18X24	1					
43	65.01601-6002	NOZZLE;OIL SPRAY	6					
44	06.16044-0208	WASHER;SPRING	6					
45	65.90001-0126	BOLT;HEX.	12					
46	65.98130-0083	ADAPTER	1					
47	65.41530-0131	BRACKET;MOUNTING	1					
48	65.41530-0130	BRACKET;MOUNTING	1					
49	65.90201-0063	BOLT;STUD M14X1.5X35	2					
50	06.16731-2110	WASHER;SPRING	10					
51	06.11063-9217	NUT	2					
52	06.01494-9410	BOLT;HEX. M14X1.5X55	4					
52	06.01494-4409	BOLT;HEX. M14X1.5X50	4					

Fig. 012 TIMING GEAR CASE [1 ~ 253]

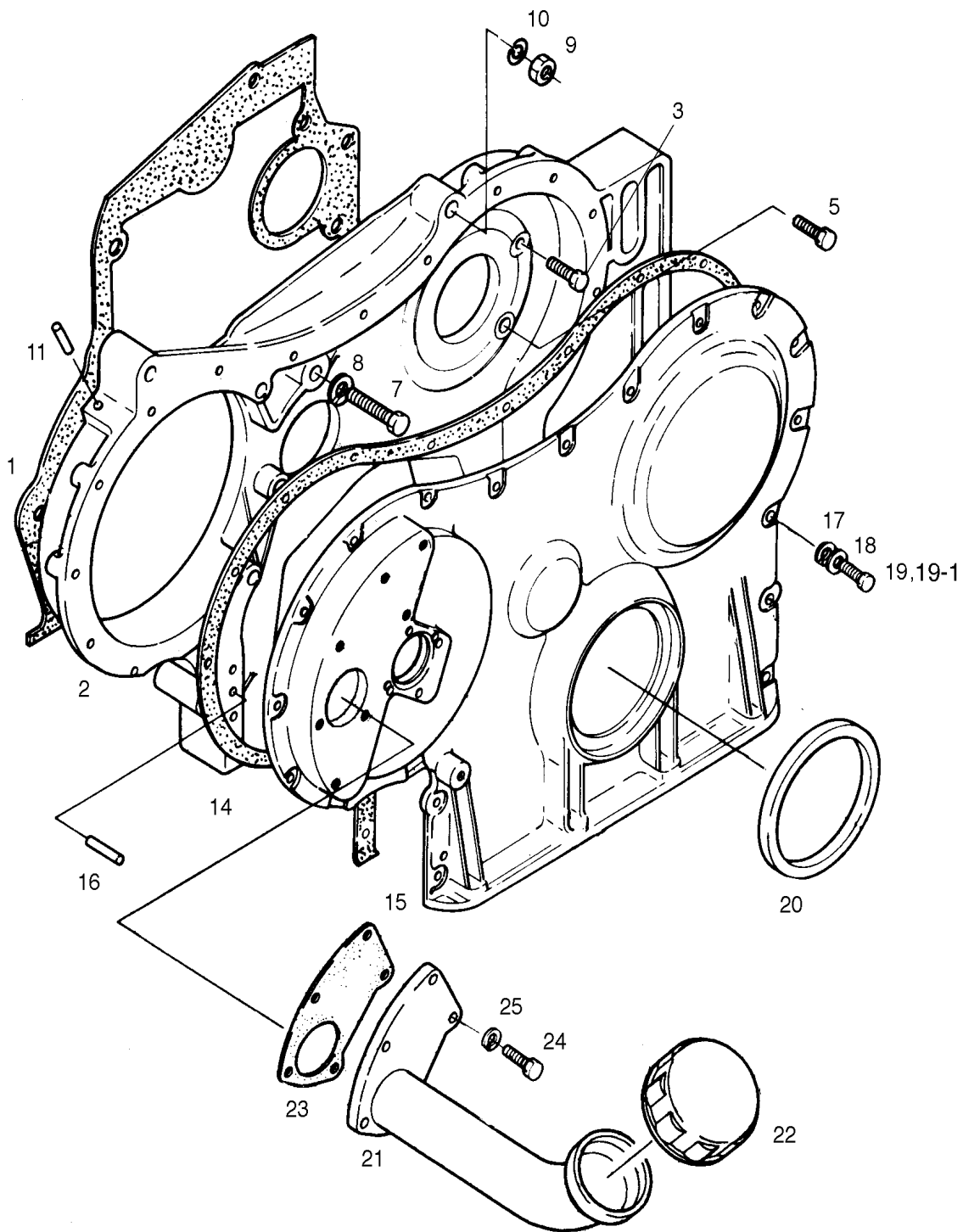


Fig. 012 TIMING GEAR CASE [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01903-0027	GASKET;TIMING GEAR CASE	1					
2	65.01304-0004G	CASE;TIMING GEAR	1					
3	06.01914-3215	BOLT ASS'Y M10X25	2					
5	65.01943-3317	BOLT;HEX. ASS'Y M12X1.5X30	6					
7	06.01493-4309	BOLT;HEX. M12X1.5X50	2					
8	06.16731-2109	WASHER;SPRING A12	2					
9	06.11063-9216	NUT;HEX. M12X1.5	1					
10	06.16731-2109	WASHER;SPRING A12	1					
11	06.22022-0712	PIN;DOWEL	1					
14	65.01903-0176	GASKET;TIMING GEAR CASE	1					
15	65.01305-5032B	TIMING GEAR CASE COVER	1					
16	06.22022-0907	PIN;DOWEL 6M6X10	2					
17	65.90720-0003	WASHER M6.4	2					
18	06.16731-2105	WASHER	2					
19	06.01923-2914	BOLT ASS'Y M6X22	17					
19-1	06.01283-6917	BOLT;HEX. M6X30	2					
20	65.01510-0026	SEAL;CRANK SHAFT(FRONT)	1					
21	65.01813-5009	OIL PIPE ASS'Y	1					
22	65.01810-5003	CAP;OIL FILLER	1					
23	65.01908-0004	GASKET	1					
24	06.01283-6913	BOLT;HEX. M6X20	5					
25	06.16731-2105	WASHER	5					

Fig. 013 BEARING CASE [1 ~ 253]

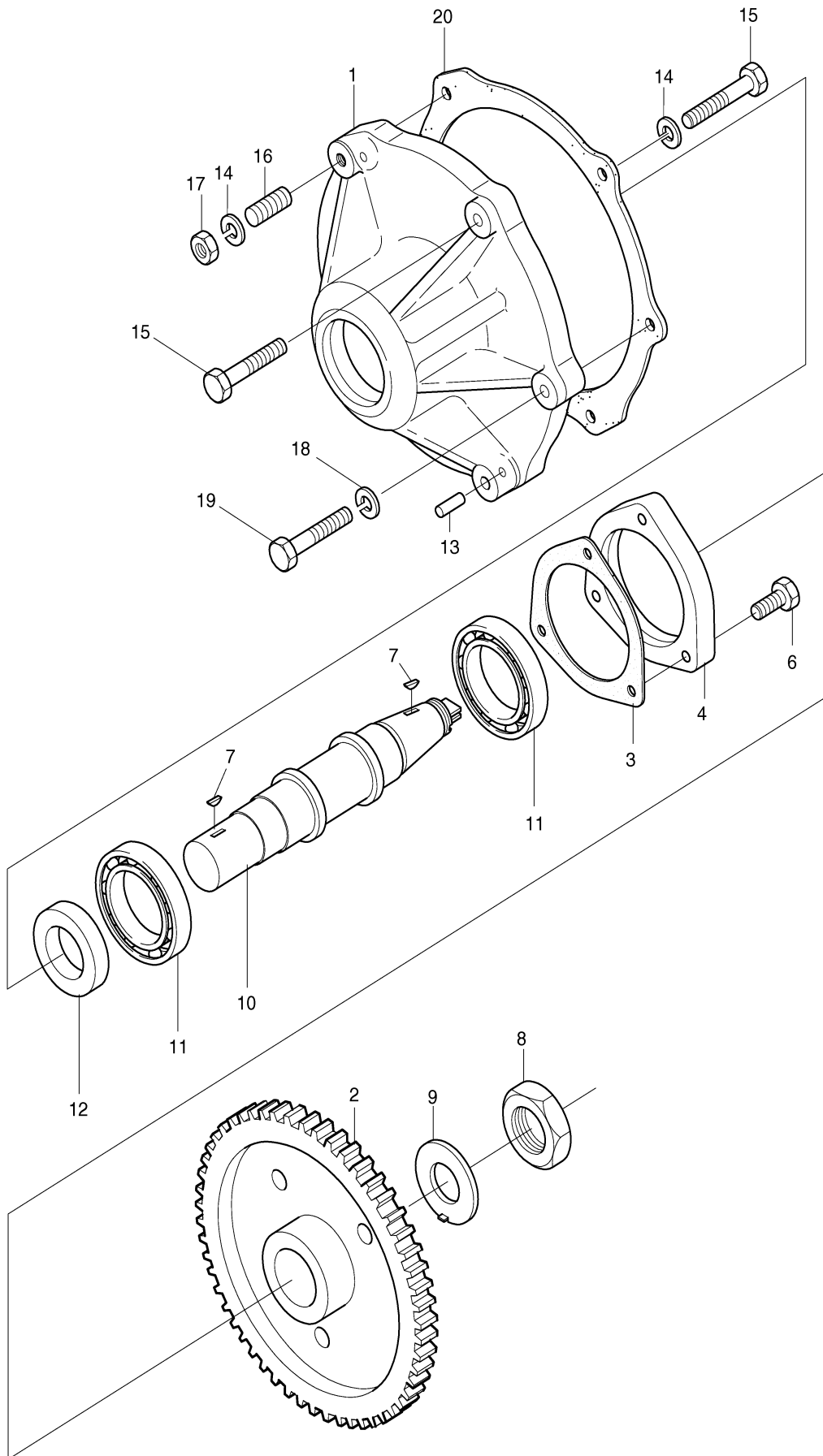


Fig. 013 BEARING CASE [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
–	65.11301-7005	INJECTION PUMP DRIVE ASS'Y	1					
1	65.11309-0004	CASE:INJECTION PUMP	1					
2	65.11301-0009	GEAR:INJECTION PUMP DRIVE	1					
3	65.11308-0001	SHIM 0.50mm	1					
3	65.11308-0002	SHIM 0.20mm	1	R				
3	65.11308-0003	SHIM 0.15mm	1	R				
3	65.11308-0004	SHIM 0.10mm	1	R				
4	65.11312-0007	COVER	1					
6	06.01913-3116	BOLT;HEX. M8X28	3					
7	06.29141-0215	KEY;WOODRUFF	2					
8	65.90501-0022	NUT;HEX. M24X1.5	1					
9	06.16050-0316	WASHER;LOCK	1					
10	65.11302-0006	SHAFT:INJECTION PUMP DRIVE	1					
11	06.32092-0307	BEARING;TAPER ROLLER	2					
12	65.01510-0151	SEAL;OIL	1					
13	06.22022-0912	PIN;DOWEL	2					
14	06.16731-2108	WASHER;SPRING	1					
15	06.01914-3225	BOLT;HEX. M10X70	2					
16	06.06225-0809	BOLT;STUD M10X35	1					
17	06.11063-8215	NUT;HEX. M10	1					
18	06.16044-0211	WASHER;SPRING	2					
19	06.01013-9213	BOLT;HEX. M10X40	2					
20	65.11902-0016	GASKET	1					

Fig. 014 FLYWHEEL HOUSING [1 ~ 253]

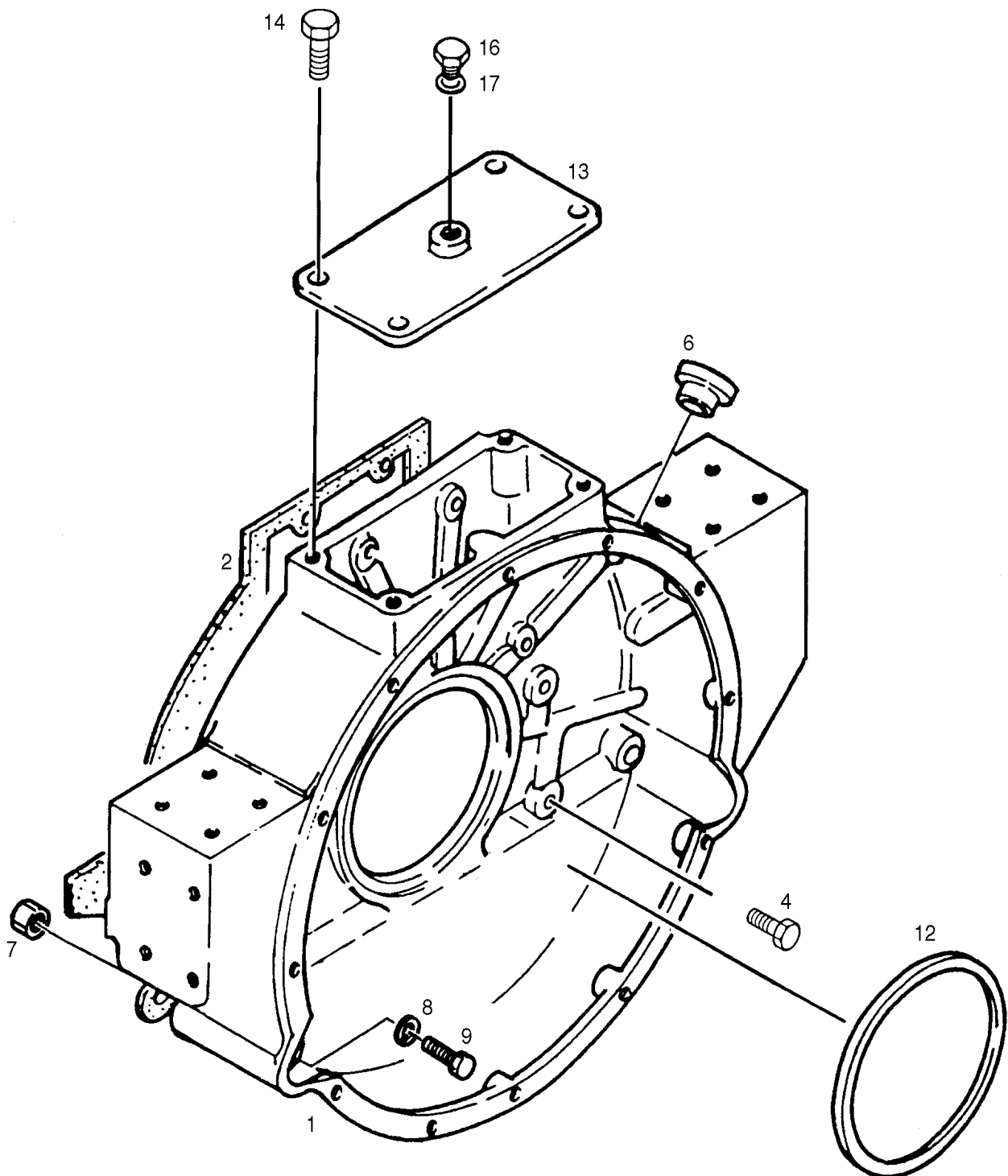


Fig. 014 FLYWHEEL HOUSING [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.01401-0172	HOUSING;FLY WHEEL	1					
2	65.01904-0022A	GASKET;F.W.H	1					
4	65.90001-6002	BOLT ASS'Y M12X1.5X45	10					
6	65.96002-0003	PLUG;RUBBER	1					
7	06.02074-0317	BOLT;REAMER M14X2X90	2					
8	06.16731-2110	WASHER;SPRING	2					
9	06.11063-8217	NUT;HEX. M14	2					
12	65.01510-0027	SEAL;CRANK SHAFT(REAR)	1					
13	65.91615-0010	COVER;BLIND	1		~9700020			
13	65.91615-0012	COVER;BLIND	1		9700021~			
14	06.01914-3215	BOLT ASS'Y M10X25	4					
16	06.08092-2405	PLUG SCREW M16 X 1.5	1					
17	06.56190-0708	RING;SEAL	1					

Fig. 015 CRANK SHAFT ASS'Y [1 ~ 253]

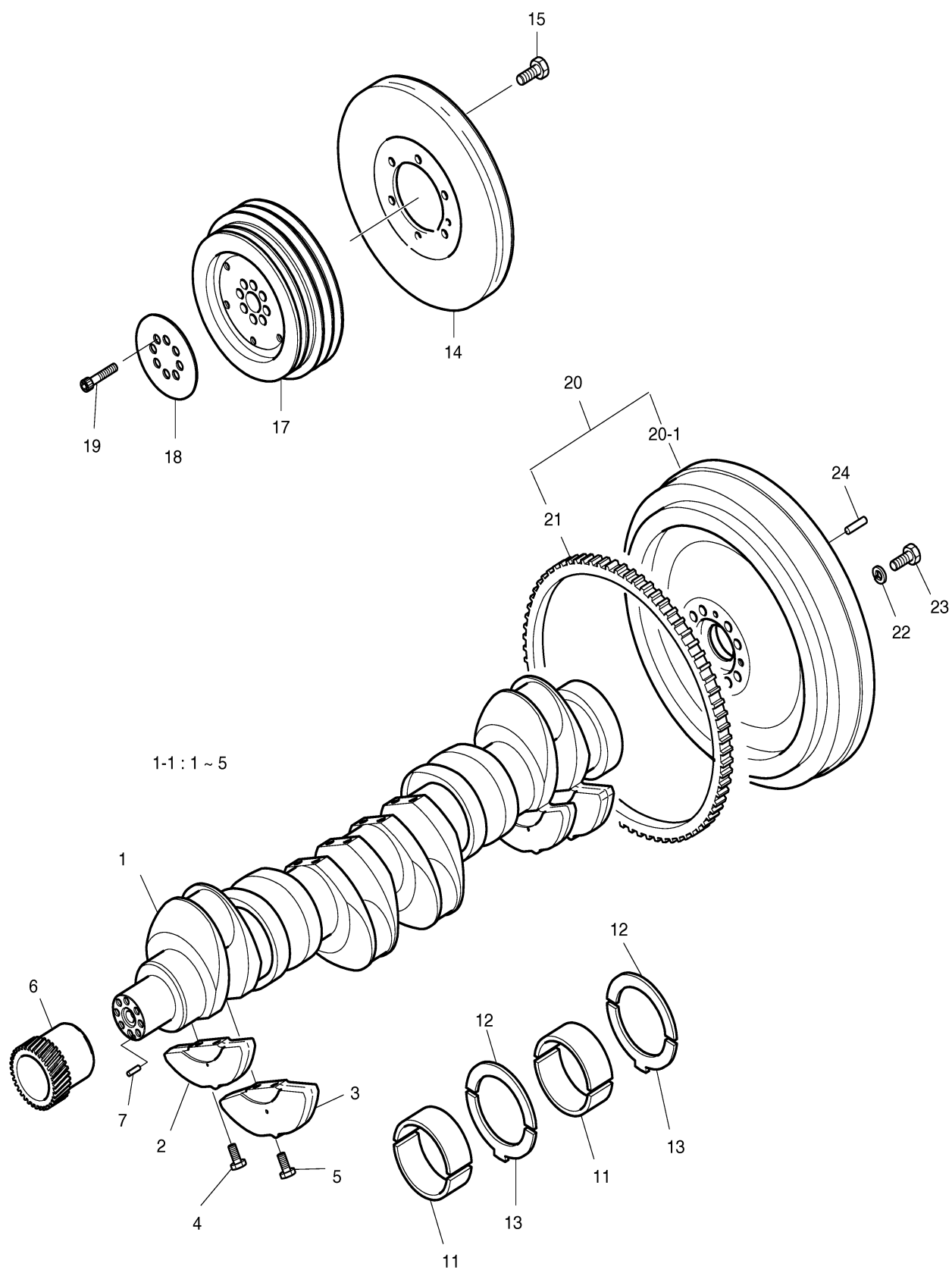


Fig. 015 CRANK SHAFT ASS'Y [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1-1	65.02101-7054A	CRANK SHAFT ASS'Y	1					
1	65.02101-0054	SHAFT;CRANK	1					
2	65.02111-0014	WEIGHT;BALANCE	4					
3	65.02110-0013	WEIGHT;BALANCE	4					
4	65.90430-0012A	BOLT;CRANK SHAFT	8					
5	65.90430-0013A	BOLT;CRANK SHAFT	8					
6	65.02115-0040	GEAR;CRANK SHAFT	1					
7	06.22022-0912	PIN;DOWEL	1					
11	65.01110-6055	METAL;MAIN STD	7					
11	65.01110-6068	METAL;MAIN 0.25	7	US				
11	65.01110-6069	METAL;MAIN 0.50	7	US				
11	65.01110-6070	METAL;MAIN 0.75	7	US				
11	65.01110-6071	METAL;MAIN 1.00	7	US				
12	65.01150-0017	WASHER;THRUST(UPPER) STD	2					
12	65.01150-0027	WASHER;THRUST(UPPER) 0.25	2					
12	65.01150-0028	WASHER;THRUST(UPPER) 0.50	2					
13	65.01150-0018	WASHER;THRUST(LOWER) STD	2					
13	65.01150-0031	WASHER;THRUST(LOWER) 0.25	2					
13	65.01150-0032	WASHER;THRUST(LOWER) 0.50	2					
14	65.02201-7023	DAMPER;VIBRATION	1			I	65.02201-7032	1
14	65.02201-7032	DAMPER;VIBRATION	1		9800001~			
15	06.01914-3215	BOLT ASS'Y M10X25	6					
17	65.02601-0149	PULLEY;V-BELT	1		~9600312			
17	65.02601-0157	PULLEY;V-BELT	1		9600131~			
18	65.90720-0022	WASHER	1					
19	06.02106-0622	BOLT;SOCKET HEAD	8					
20	65.02301-5015	FLYWHEEL ASS'Y	1					
20-1	65.02301-0180A	FLYWHEEL	1					
21	65.02310-0011B	GEAR;STARTER RING	1					
22	06.16731-2110	WASHER;SPRING	8					
23	65.90001-0084	BOLT;HEX. M14X1.5X40	8					
24	06.22220-1208	PIN;SPIRAL LOCK 8X16	1					

Fig. 016 PISTON ASS'Y [1 ~ 253]

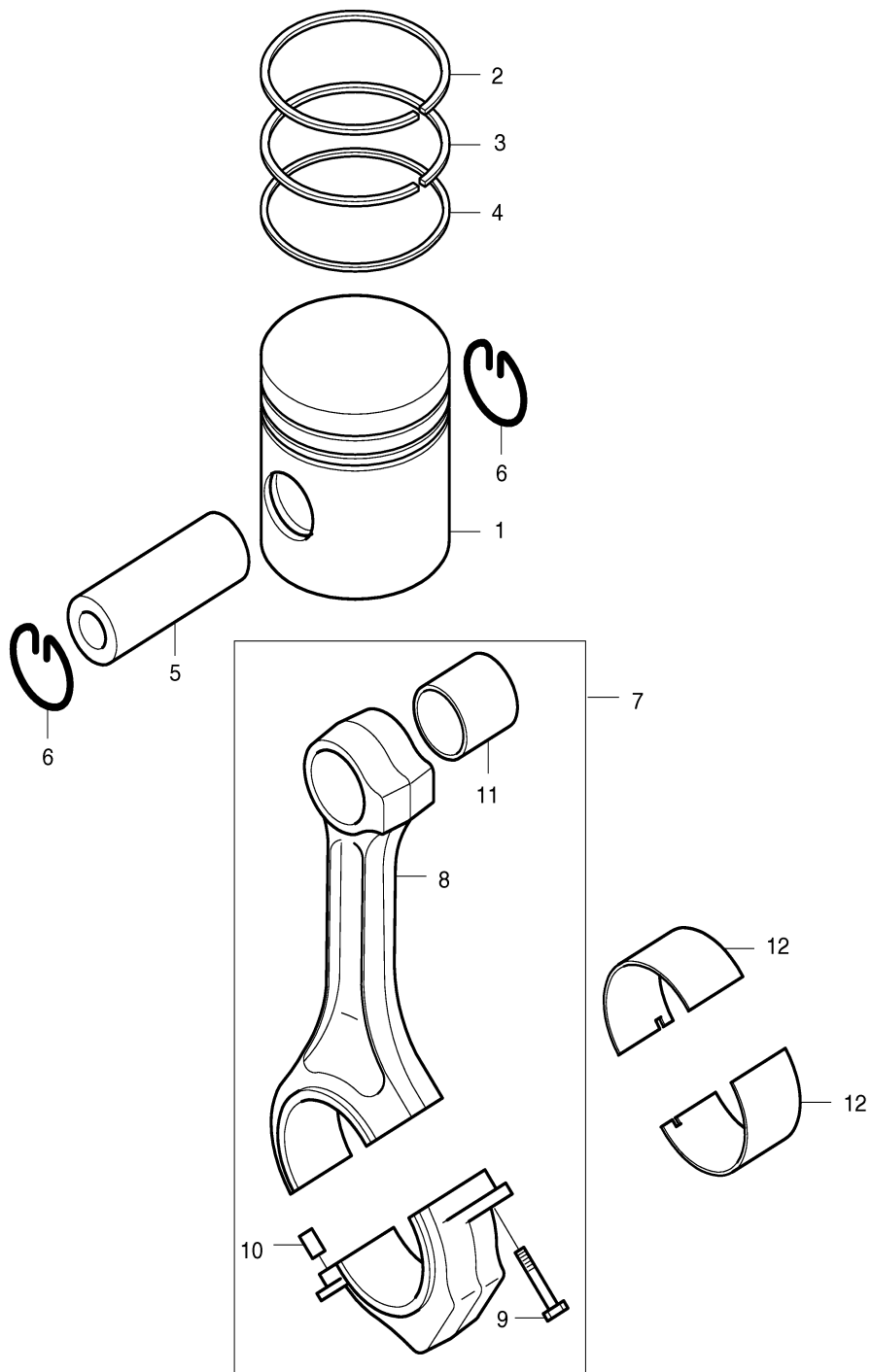


Fig. 016 PISTON ASS'Y [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.02501-0032H	PISTON	6					
2	65.02503-0057	RING;TOP	6					
3	65.02503-0097	RING;2ND	6					
4	65.02503-0105	RING;OIL	6					
5	65.02502-0050	PIN;PISTON	6					
6	06.29020-0127	RING;SNAP 45X1.75	12					
7	65.02401-6012	CONNECTING ROD ASS'Y	6					
8	65.02401-0045	ROD;CONNECTING	6					
9	65.90020-0010D	BOLT;CONNECTING ROD	12					
10	65.91301-0010	PIN;DOWEL	12					
11	65.02405-1001	BUSH;SMALL END	6					
12	65.02410-6106	METAL;CONNECTING ROD	6					
12	65.02410-6107	METAL;CONNECTING ROD 0.25	6					
12	65.02410-6108	METAL;CONNECTING ROD 0.50	6					
12	65.02410-6109	METAL;CONNECTING ROD 0.75	6					
12	65.02410-6110	METAL;CONNECTING ROD 1.00	6					

Fig. 017 CYLINDER HEAD [1 ~ 253]

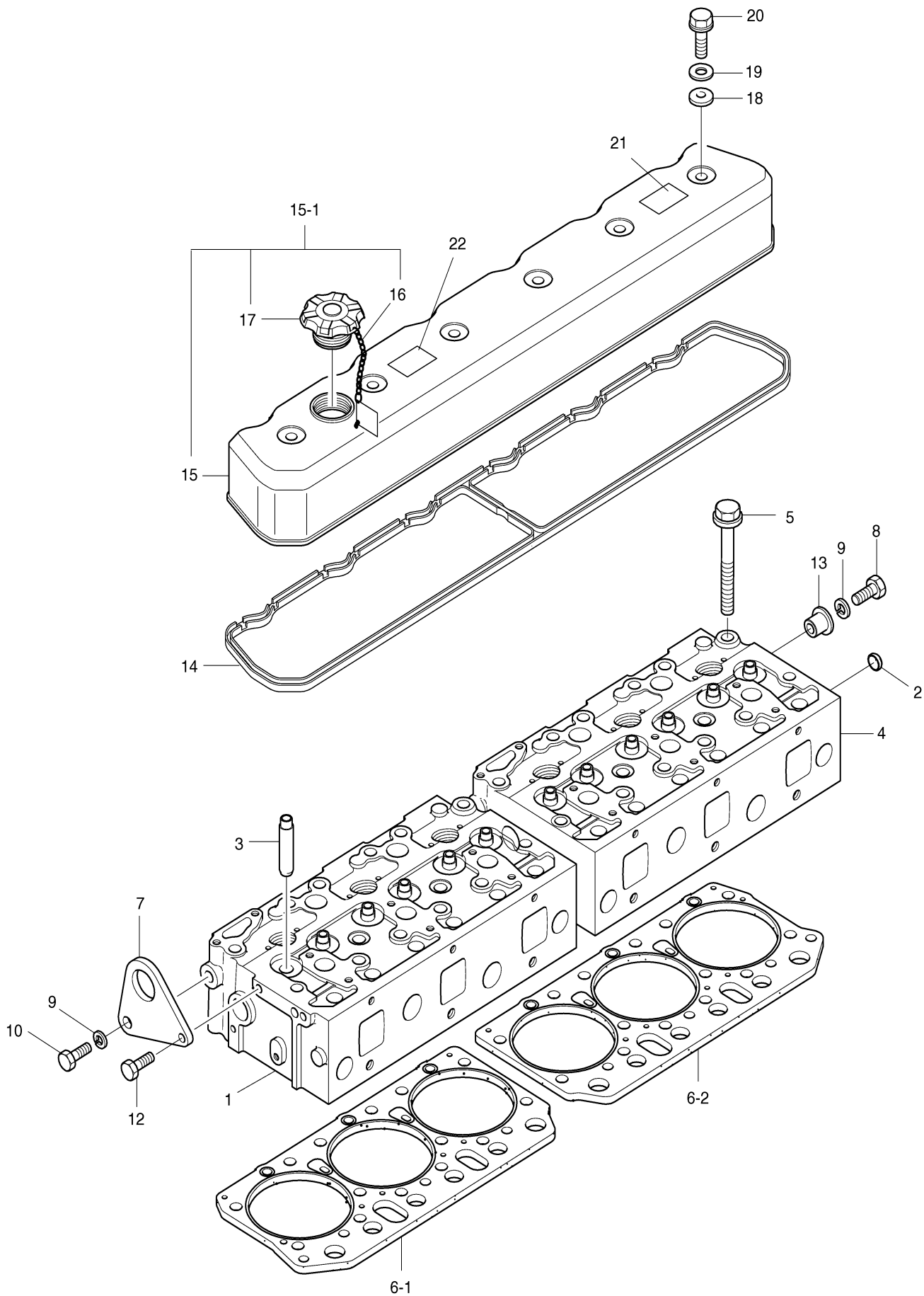


Fig. 017 CYLINDER HEAD [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.03101-6496W	CYLINDER HEAD ASS'Y(FRONT)	1					
1	65.03101-0296U	HEAD:CYLINDER(FRONT)	1	D				
1	65.90302-0042	PLUG:CORE	2	D				
1	65.90302-0041	PLUG:CORE	6	D				
1	65.90302-0048	CORE:PLUG	3	D				
1	65.90302-0049	PLUG:CORE	3	D				
2	65.91001-0013	AVSEAL	2	D				
3	65.03201-1008	GUIDE:VALVE	12					
3	65.03203-1042	SEAT:VALVE(EXHAUST)	6					
3	65.03203-1041	SEAT:VALVE(INTAKE)	6					
4	65.03101-6497W	CYLINDER HEAD ASS'Y(REAR)	1					
4	65.03101-0297U	HEAD:CYLINDER(REAR)	1	D				
4	65.90302-0042	PLUG:CORE	2	D				
4	65.90302-0041	PLUG:CORE	6	D				
4	65.90302-0048	CORE:PLUG	3	D				
4	65.90302-0049	PLUG:CORE	3	D				
5	65.90020-0034A	BOLT:CYLINDER HEAD	28					
6-1	65.03901-0056A	GASKET:CYLINDER	1					
6-2	65.03901-0057A	GASKET:CYLINDER HEAD(REAR)	1					
7	65.41520-0002	BRACKET:HANGER(FRONT)	1					
8	06.01494-4408	BOLT:HEX. M14X1.5X45	1					
9	06.16731-2110	WASHER:SPRING	2					
10	06.01734-4411	BOLT:HEX. M14X1.5X30	1					
12	06.01914-3215	BOLT ASS'Y M10X25	1					
13	65.91701-0275	SPACER	1					
14	65.03905-0018	GASKET	1					
15-1	65.03401-6049	COVER:CYLINDER HEAD ASS'Y	1	D				
15	65.03401-0034	COVER:CYLINDER HEAD	1					
16	65.92911-5001	CHAIN ASS'Y	1					
17	65.01810-0001	CAP:OIL FILLER	1					
18	65.03905-0017A	GASKET	6					
19	65.90701-0052	WASHER	6					
20	65.90020-0012	BOLT:HEX.	6					
21	65.97871-0247	PLATE:NAME	1					
22	65.97801-0036	PLATE:CAUTION	1					

Fig. 018 ENGINE TIMING [1 ~ 253]

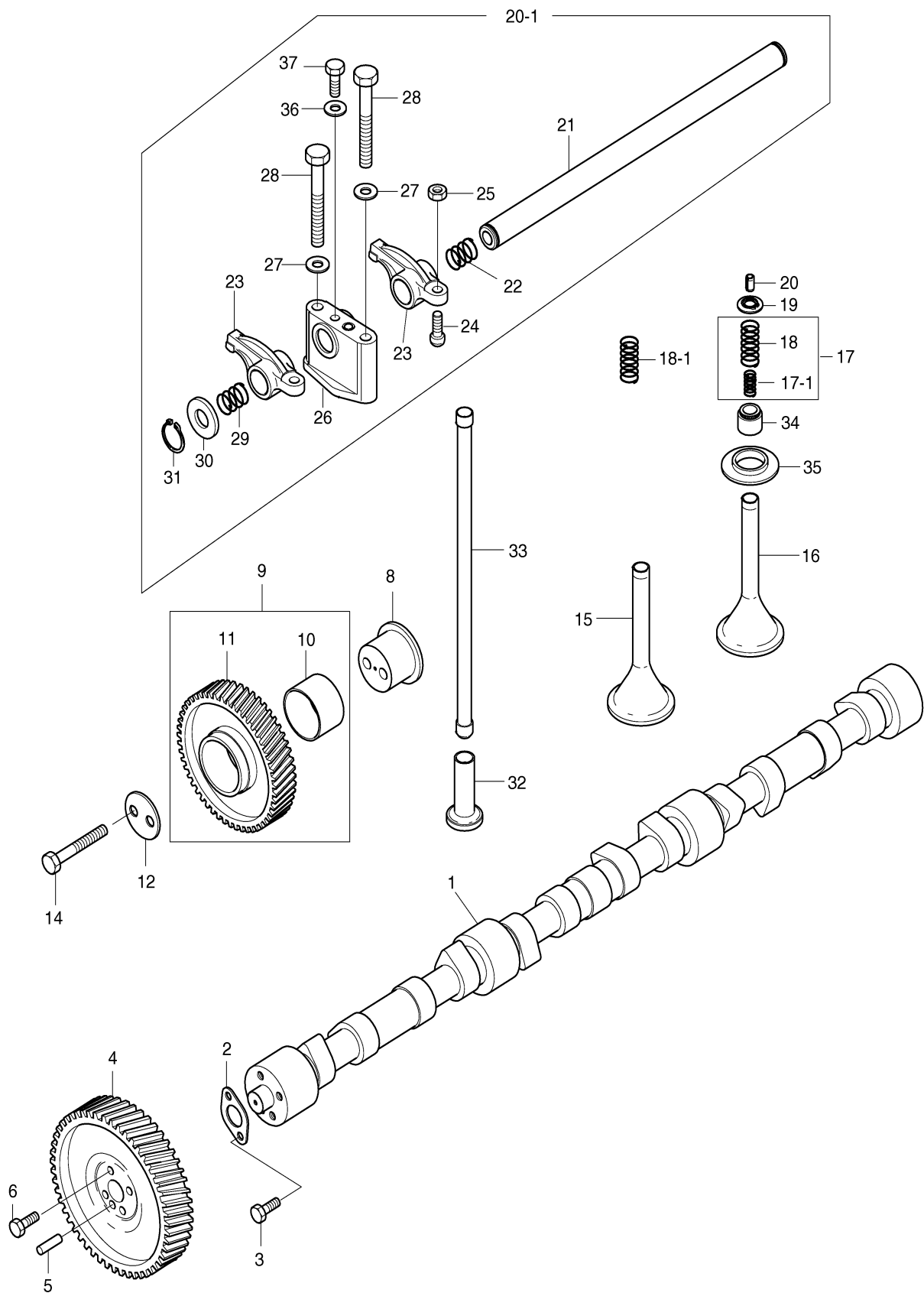


Fig. 018 ENGINE TIMING [1 ~ 253]

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
1	65.04401-0010	SHAFT;CAM	1					
2	65.98112-0038	FLANGE	1					
3	65.90001-6003	BOLT ASS'Y M6X14	2					
4	65.04501-0057	GEAR;CAM SHAFT	1					
5	06.22022-1014	PIN;DOWEL	1					
6	06.01913-3119	BOLT ASS'Y M8X40	4					
8	65.04506-0007	PIN;IDLE GEAR	1					
9	65.04505-5009	IDLE GEAR ASS'Y	1					
10	65.04507-0003	BEARING;IDLE GEAR	1					
11	65.04505-0006	GEAR;IDLE	1					
12	65.90720-0018	WASHER;THRUST	1					
14	06.01914-3225	BOLT;HEX. M10X70	2					
15	65.04101-0044	VALVE;EXHAUST	6					
16	65.04101-0043	VALVE;INTAKE	6					
17	65.04102-6004	SPRING VALVE ASS'Y	6					
17-1	65.04102-0002	SPRING;VALVE(INNER)	6					
18	65.04102-0066	SPRING;VALVE(OUTER)	6					
18-1	65.04102-0066	SPRING;VALVE(OUTER)	6					
19	65.04103-0014	RETAINER;VALVE SPRING	12					
20	65.04104-0007	COTTER;VALVE	24					
20-1	65.04200-6017	BOCKER ARM SHAFT ASS'Y	2			Y	65.04200-6027A	2
20-1	65.04200-6027A	ROCKER ARM & SHAFT	2		9700001~			
21	65.04203-5010	SHAFT;ROCKER ARM	2					
22	65.97601-0104	SPRING;ROCKER ARM SHAFT	4					
23	65.04201-5014	ROCKER ARM ASS'Y	12					
23	65.04201-0007J	ARM;ROCKER	12	D				
23	65.93020-0033D	BUSH	12	D				
24	65.04205-0003	BOLT;ADJUSTING M10X1.0	12					
25	65.90501-0003	NUT	12					
26	65.04202-0011	BRACKET;ROCKER ARM SHAFT	6			Y	65.04202-0014	6
26	65.04202-0014	BRACKET;ROCKER ARM SHAFT	6		9700001~			
27	06.15010-2311	WASHER	12					
28	06.01013-9221	BOLT;HEX. M10X80	12					
29	65.97601-0053	SPRING;CONICAL	4					
30	65.90710-0039	WASHER;ROCKER ARM	16					
31	06.29010-0120	RING;SNAP	4					

Key No	Part No	Description	Qty	S.C	Serial No	ICA	Replacable	Qty
32	65.04301-0006	TAPPET	12					
33	65.04302-5011	ROD;PUSH	12					
34	65.04902-0010	SEAL;VALVE STEM	12					
35	65.04103-0011	SEAT;VALVE SPRING	12					
36	06.15010-2311	WASHER	6					
37	06.01283-7112	BOLT;HEX. M8X18	6					

Fig. 019 OIL PUMP [1 ~ 253]

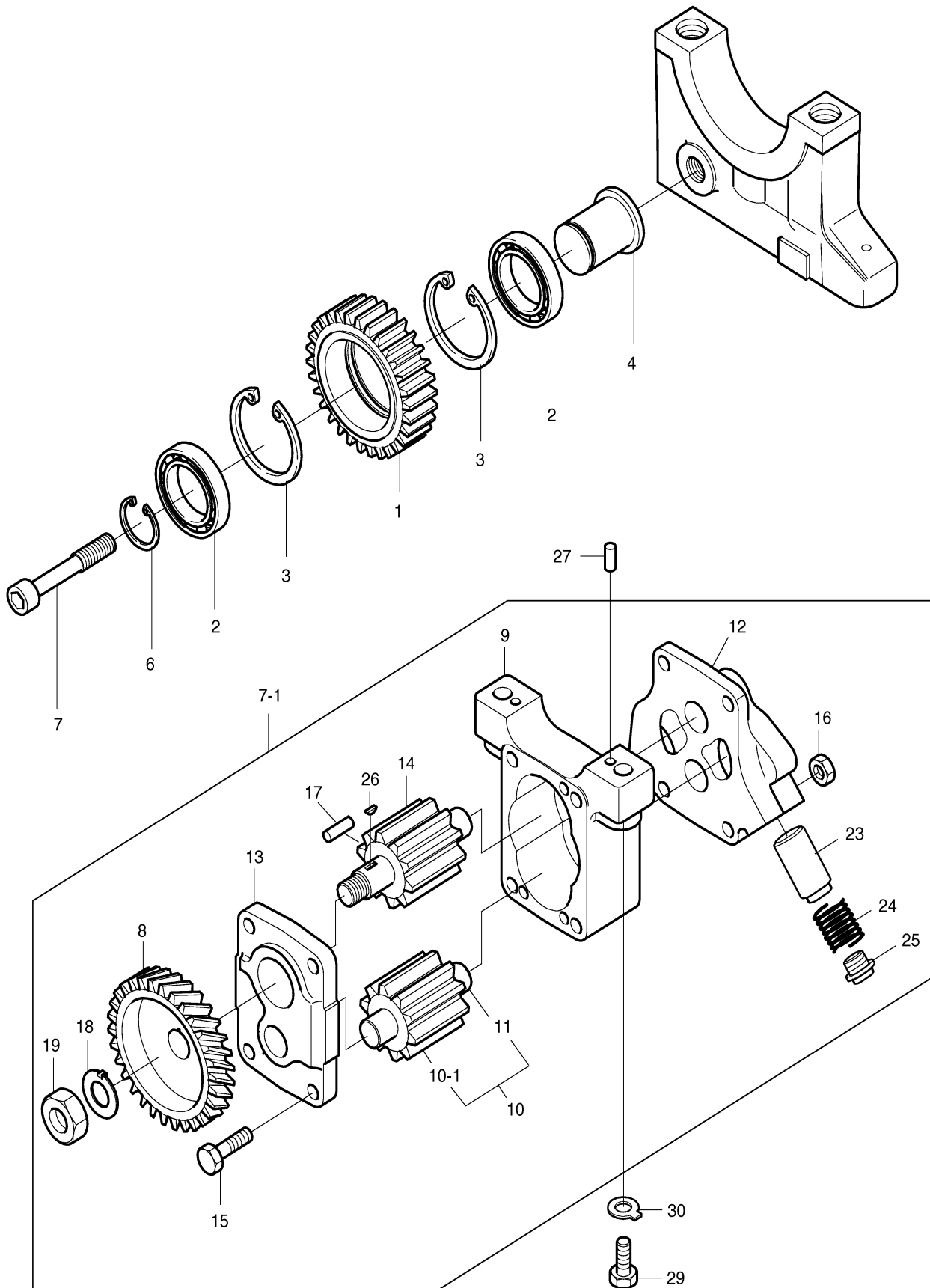
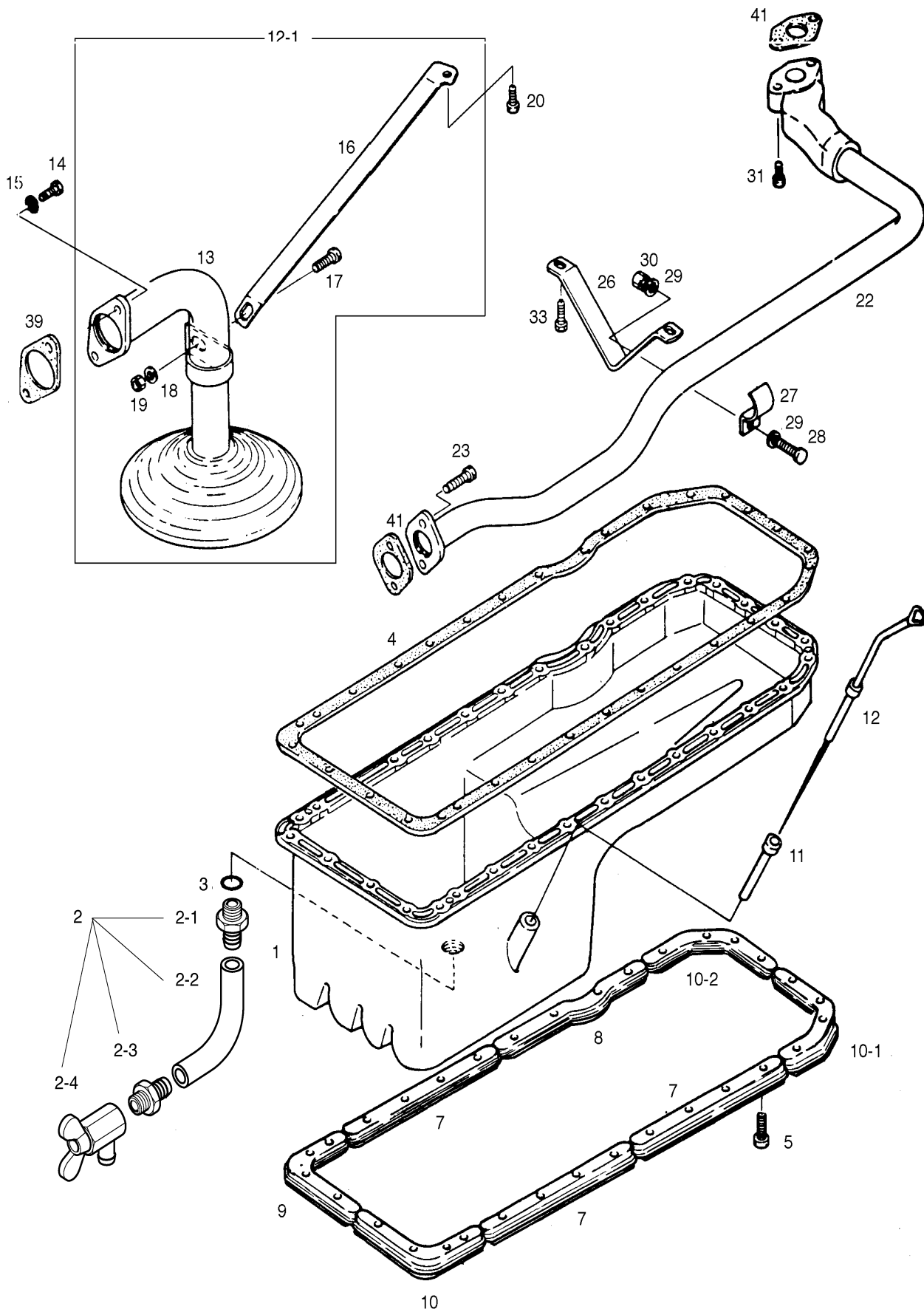


Fig. 019 OIL PUMP [1 ~ 253]

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					
6	06.29010-0125	RING;SNAP 30X2	1					
7	65.90030-0009	BOLT;SOCKET HEAD M10X60	1					
7-1	65.05100-6023	OIL PUMP ASS'Y	1					
8	65.05201-0034	GEAR:OIL PUMP DRIVE	1					
9	65.05102-0015	HOUSING;OIL PUMP	1	D				
10	65.05104-5003	GEAR	1					
10-1	65.05104-0004	GEAR:PUMP	1	D				
11	65.05105-0006	SHAFT	1	D				
12	65.05103-5012	OIL PUMP COVER(REAR)	1	D				
12	65.05103-0012	COVER	1	D				
12	65.93020-0007	BUSH	2	D				
13	65.05103-5015	OIL PUMP COVER(FRONT)	1	D				
13	65.05103-0064	COVER	1	D				
13	65.93020-0007	BUSH	1	D				
13	65.93020-0006	BUSH	1	D				
14	06.22022-0909	PIN:DOWEL 6M6X14	4					
15	06.01013-9118	BOLT;HEX. M8X65	4					
16	65.90510-0012	NUT	4					
17	06.29141-0207	KEY:WOODRUFF	1					
18	06.16050-0311	WASHER;LOCK	1					
19	06.11053-9217	NUT;HEX.	1					
23	65.05410-0025	PLUNGER;VALVE	1					
24	65.97601-0110	SPRING;COMPRESSION	1					
25	65.90310-0104	SCREW;PLUG	1					
26	65.05104-5004	GEAR:PUMP	1					
27	06.22022-0907	PIN:DOWEL 6M6X10	2					
29	06.01913-3221	BOLT ASS'Y M10X50	2					
30	65.90801-0038	WASHER;LOCK	2					

Fig. 020 OIL PAN [1 ~ 253]



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