

CATERPILLAR 236

4YZ / SEBP3271

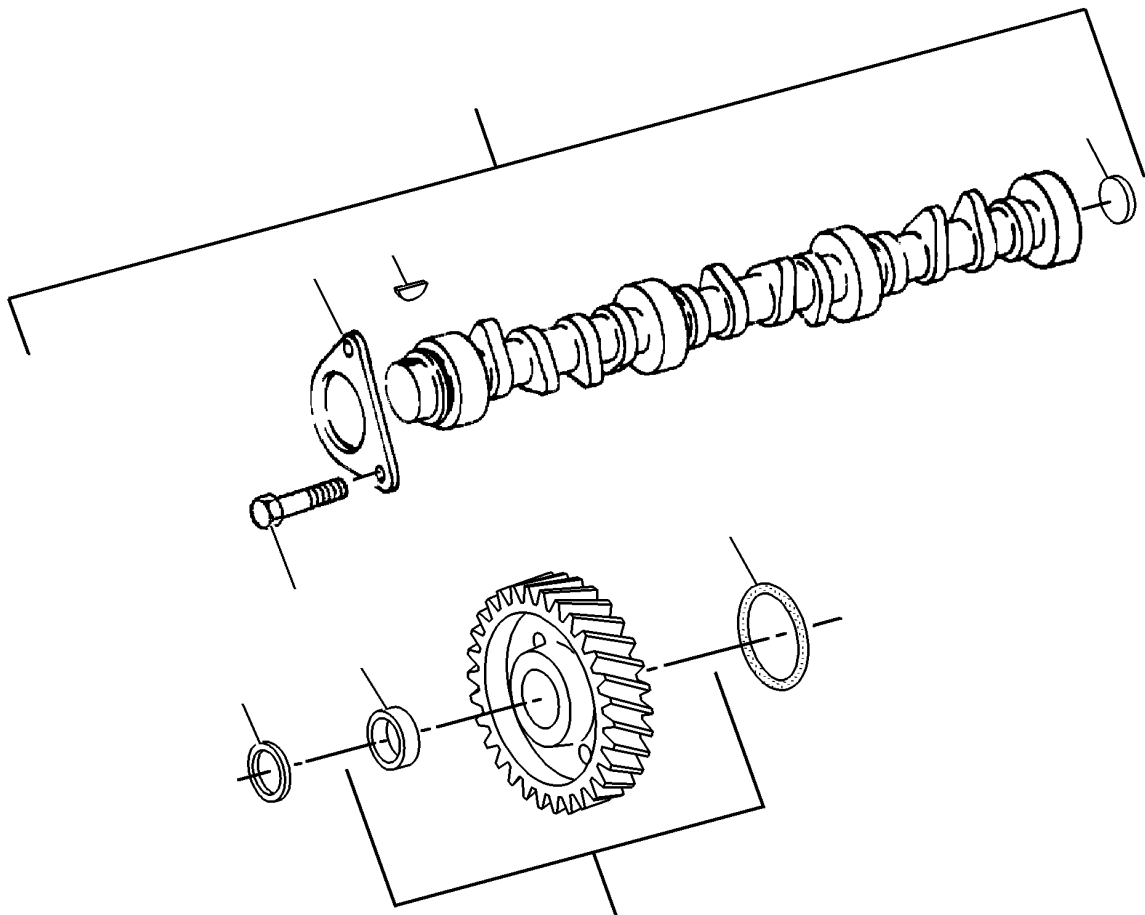
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Basic engine	
Electrical and electronics	
Hydraulic system	
Basic engine	
Hydraulic system	
Steering and brakes	
Hydraulic system	
Air inlet and exhaust	
Catalog items	

171-2824 CAMSHAFT GP

171-2824 CAMSHAFT GP S/N 3NW12500-UP PART OF 147-1233 ENGINE AR-PRIMARY

Drawing 1 of 1



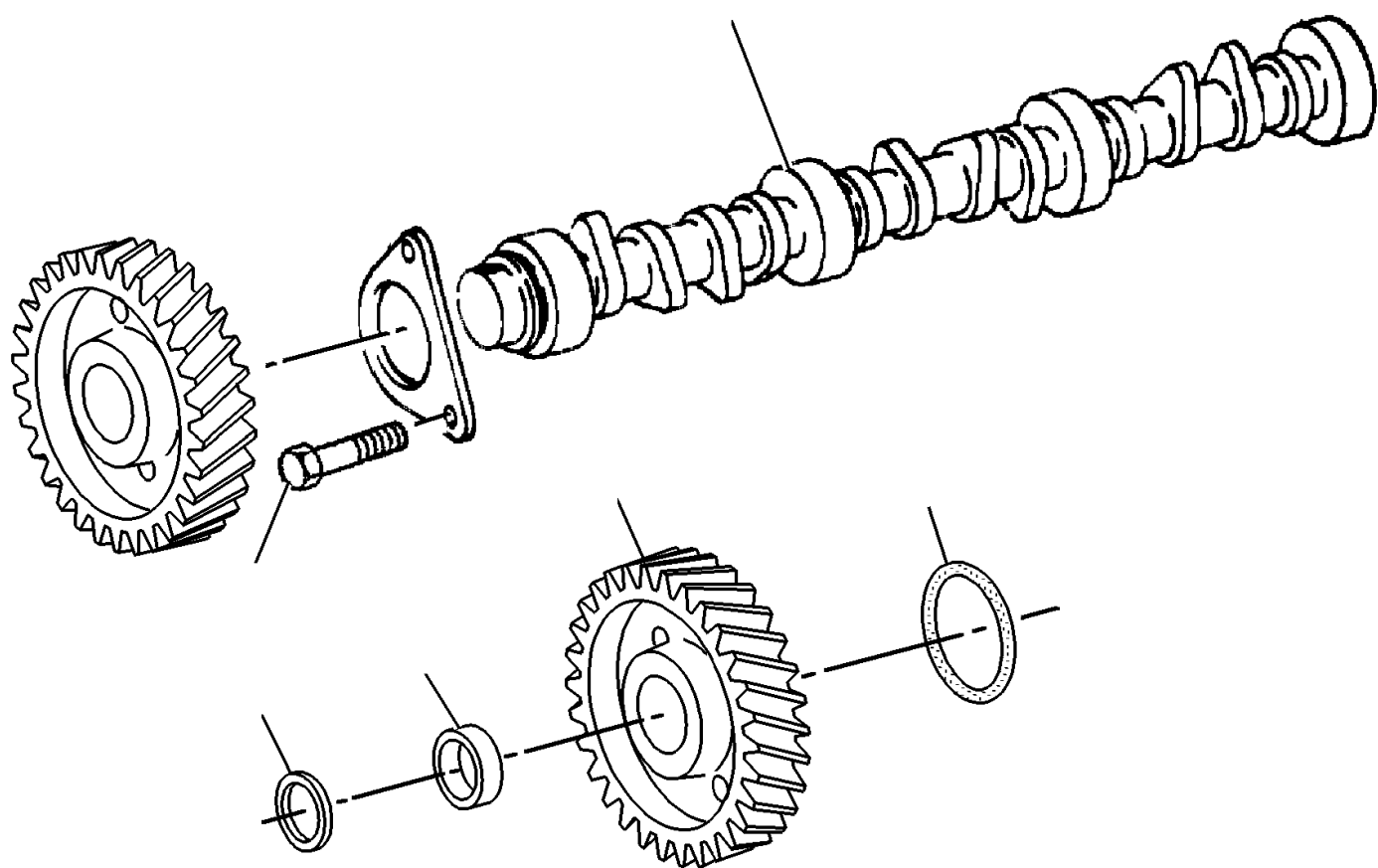
Ref.	Part number	Description	Qty	Code	Group page
1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	152-6866	GEAR AS-IDLER (59-TEETH)	1		
3	152-6867	BUSHING	2		
4	152-6868	WASHER (32X50X2.4)	2		
5	152-6869	SEAL-O-RING	1		
6	173-9855	CAMSHAFT AS	1		
7	152-6862	PLUG	1		
9	152-6864	KEY-WOODRUFF	1		
10	164-7606	PLATE	1		
	152-6560	BUSHING	1	F	

CAT codes: F, M.

172-6740 CAMSHAFT GP

172-6740 CAMSHAFT GP S/N 3NW12500-UP PART OF 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



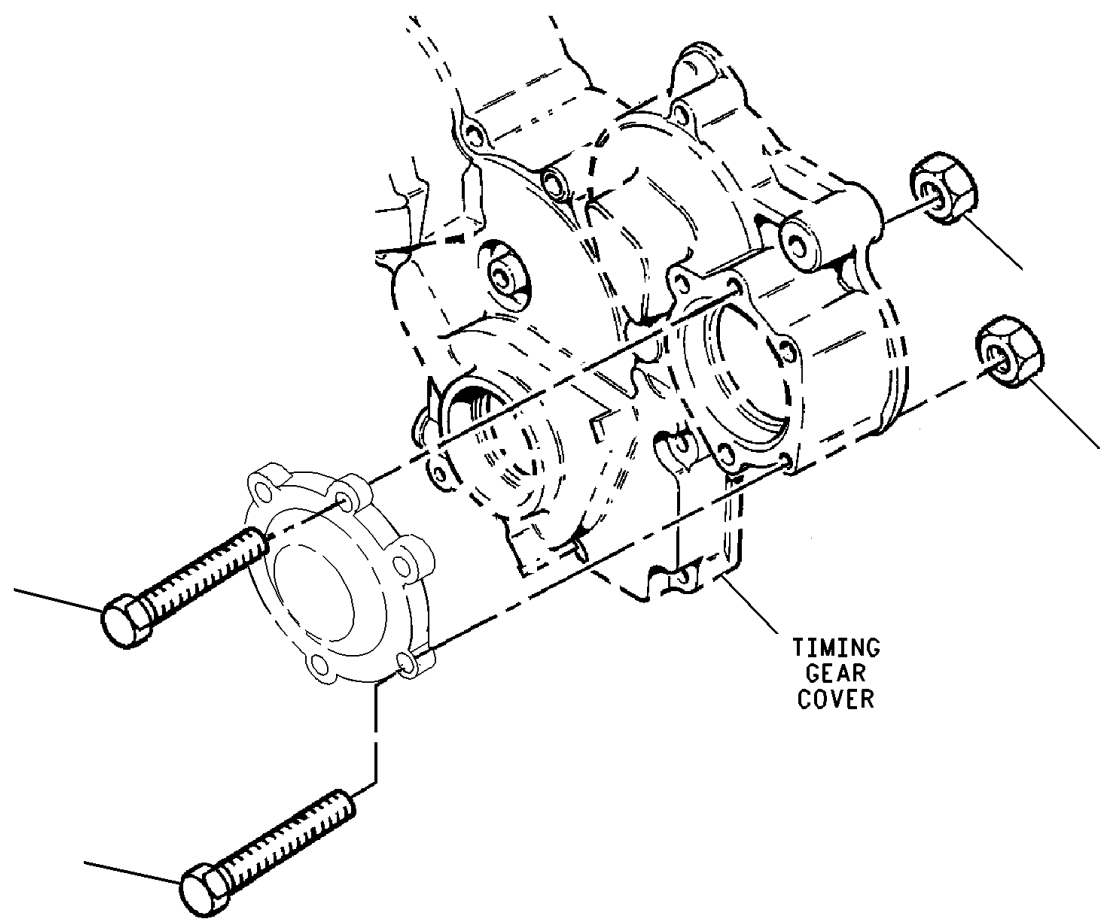
Ref.	Part number	Description	Qty .	Code	Group page
1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	152-6866	GEAR AS-IDLER (59-TEETH)	1		
3	152-6867	BUSHING	2		
4	188-4513	CAMSHAFT AS	1		
5	152-6868	WASHER (32X50X2.4)	1		
6	152-6869	SEAL-O-RING	1		

CAT codes: M.

164-7623 COVER GP-FRONT HOUSING

164-7623 COVER GP-FRONT HOUSING S/N 3NW12500-UP PART OF 147-1233, 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



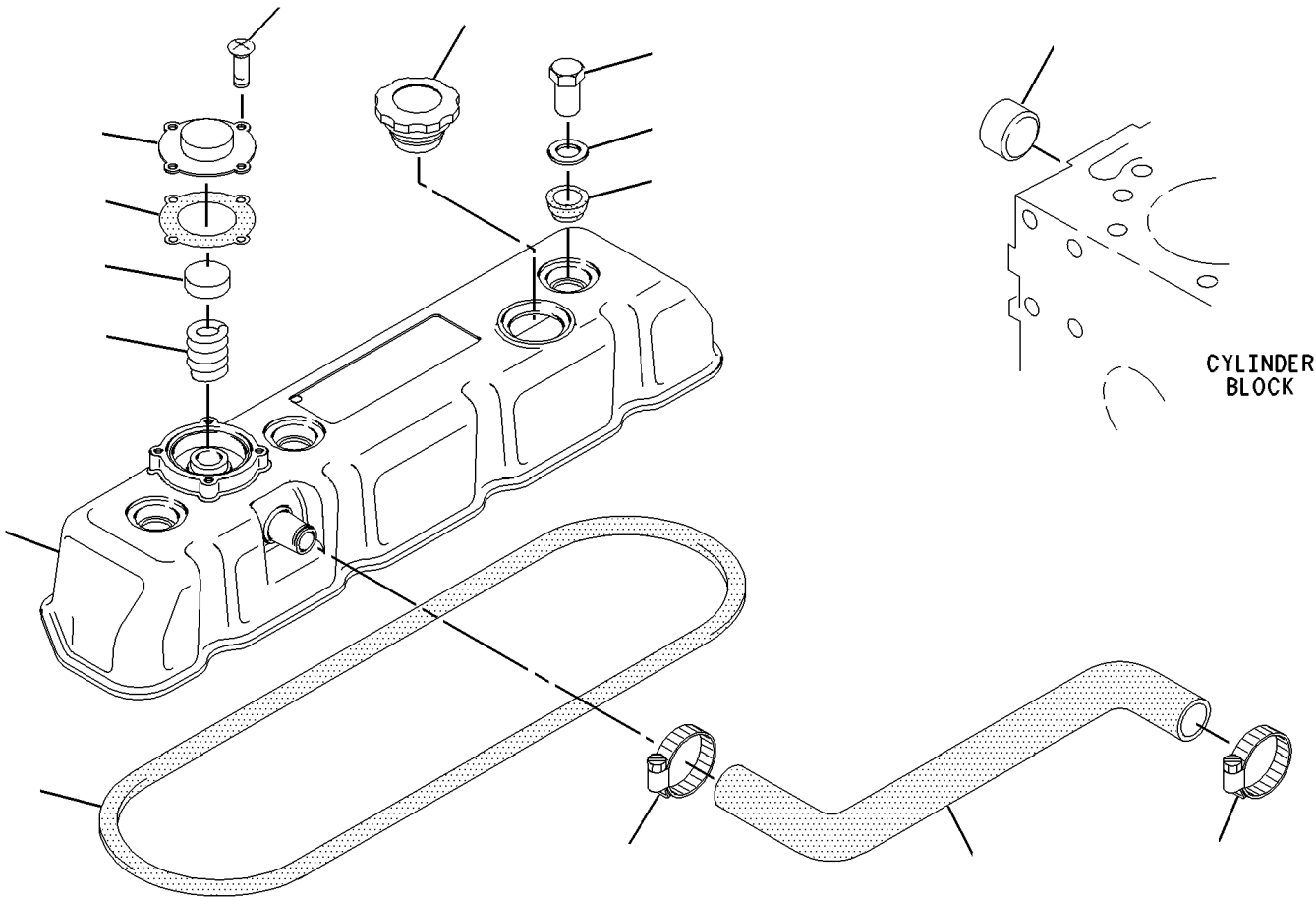
Ref.	Part number	Description	Qty	Code	Group page
1	178-3336	NUT-HEX FLANGE (M8X1.25-THD)	2	M	
2	100-4463	BOLT (M10X1.5X80-MM)	2	M	
3	6I-0594	NUT (M10X1.5-THD)	2	M	
4	6I-0293	BOLT (M8X1.25X80-MM)	2	M	

CAT codes: M.

153-0115 COVER GP-VALVE MECHANISM

153-0115 COVER GP-VALVE MECHANISM S/N 3NW12500-UP PART OF 147-1233 ENGINE AR-PRIMARY

Drawing 1 of 1

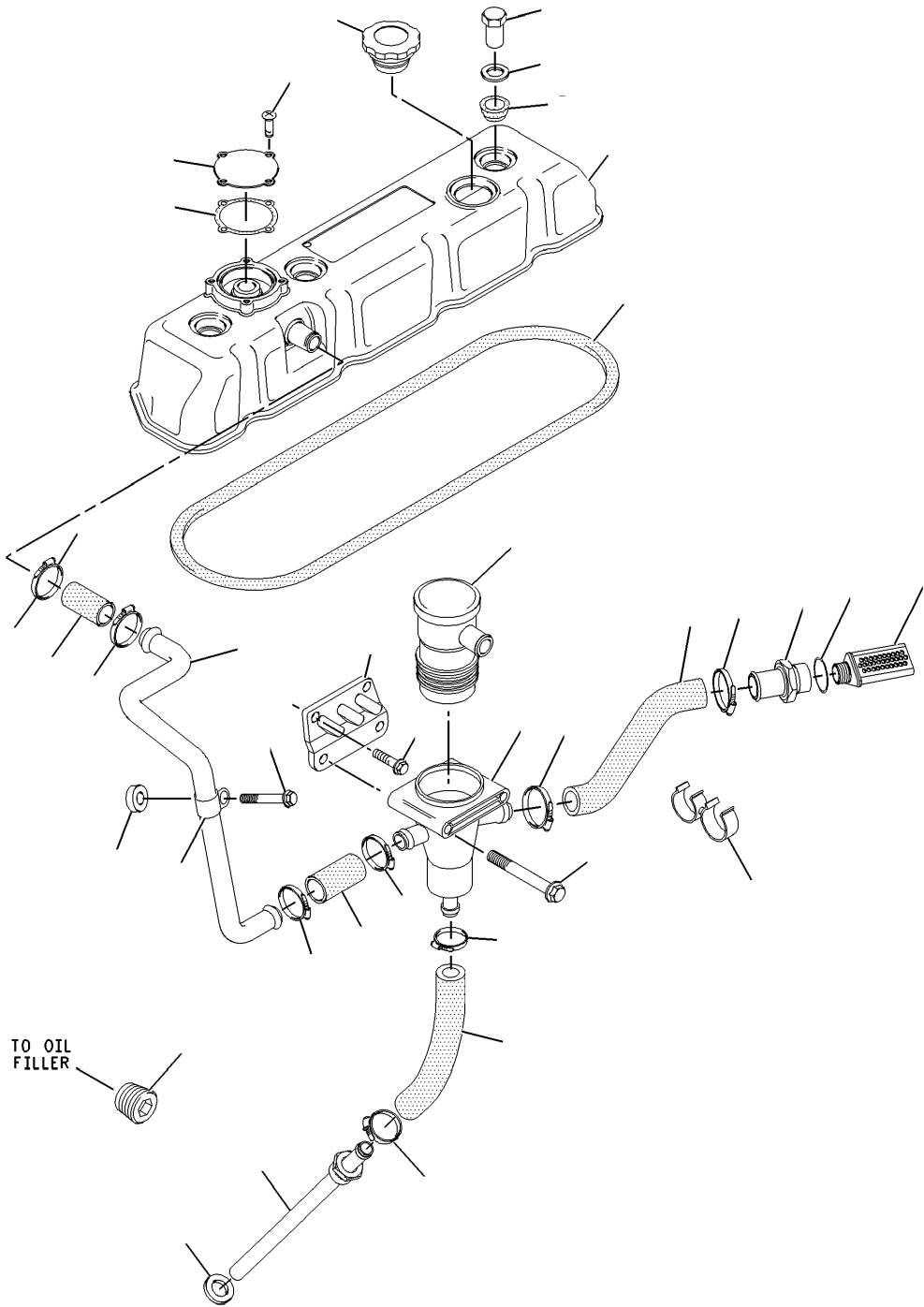


Ref.	Part number	Description	Qty	Code	Group page
1	4B-4281	WASHER (16.8X33X2.5-MM THK)	3		
2	067-6006	PLUG	1		
3	5D-1026	CLAMP-BAND	2		
4	101-3675	SEAL	3		
5	153-0104	HOSE (FUMES DISPOSAL)	1		
6	153-0105	SPRING	1		
7	153-0106	PLATE	1		
8	180-2428	DIAPHRAGM (CRANKCASE PRESSURE CONTACTOR)	1		
9	153-0108	COVER	1		
10	170-7666	CAP-OIL (ENGINE)	1		
11	153-0112	NUT	3		
12	153-0117	BOLT (4X10)	4		
13	195-9244	COVER-VALVE	1		
14	177-3304	GASKET-VALVE COVER	1		

195-9243 COVER GP-VALVE MECHANISM

195-9243 COVER GP-VALVE MECHANISM S/N 3NW12500-UP PART OF 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	195-9244	COVER-VALVE	1		
2	177-3304	GASKET-VALVE COVER	1		
3	4B-4281	WASHER (16.8X33X2.5-MM THK)	3		
4	5D-1026	CLAMP-BAND	8		
5	101-3675	SEAL	3		

195-9243 COVER GP-VALVE MECHANISM (continued)

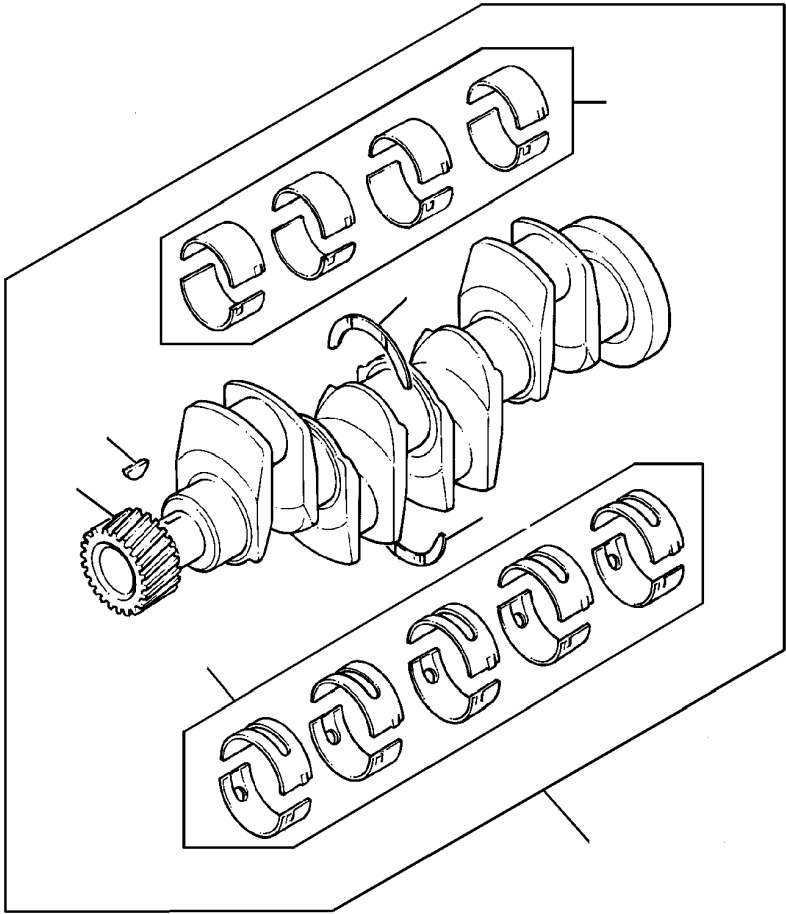
Ref.	Part number	Description	Qty	Code	Group page
6	153-0112	NUT	3		
7	195-9245	SCREW (M4X0.7X10-MM)	4	M	
8	170-7666	CAP-OIL (ENGINE)	1		
9	6I-0839	BOLT (M8X1.25X70-MM)	1	M	
10	146-2698	BRACKET AS	1		
11	146-2701	ADAPTER	1		
12	5C-1809	SPACER (8X19X6.5-MM)	1		
13	170-7667	PLATE	1		
14	170-7668	GASKET-PLATE	1		
15	170-7669	HOSE (FUMES DISPOSAL)	2		
16	170-7675	VALVE (CRANKCASE BREATHER ELEMENT)	1		
17	170-7677	TUBE-AIR	1		
17A	195-9246	CLIP	1		
18	195-9248	ADAPTER-HOSE (CRANKCASE BREATHER)	1		
19	195-9253	WASHER	1		
20	6I-4200	BOLT (M10X1.5X16-MM)	1	M	
21	067-6006	PLUG	2		
22	195-9254	CONNECTION AS	1		
22A	170-7682	SEAL-O-RING	1		
23	192-8754	HOSE-BREATHER	1		
24	192-8755	CLIP	1		
25	146-7810	TUBE-AIR	1		
26	195-9255	DEFLECTOR-BREATHER (CRANKCASE)	1		
27	103-5705	BOLT (M8X1.25X110-MM)	1	M	

CAT codes: M.

171-4663 CRANKSHAFT GP

171-4663 CRANKSHAFT GP S/N 3NW12500-UP PART OF 147-1233 ENGINE AR-PRIMARY

Drawing 1 of 1



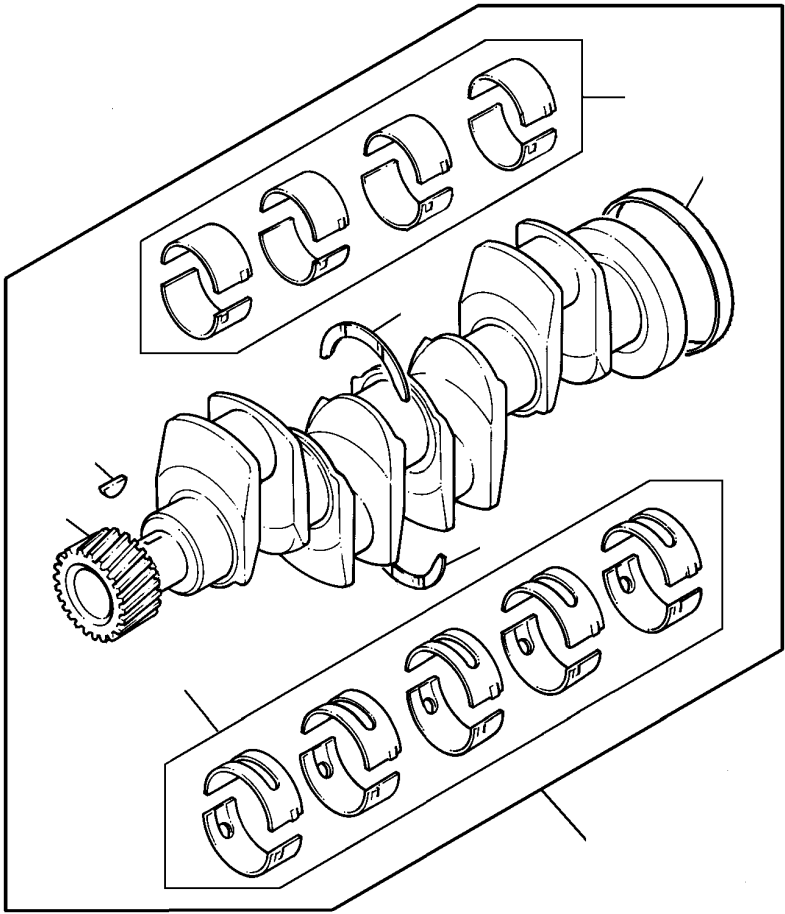
Ref.	Part number	Description	Qty	Code	Group page
1	173-1280	CRANKSHAFT GP	1		
1A	067-6135	KEY-WOODRUFF (CRANKSHAFT)	1		
1B	152-6791	KIT-BEARING (STANDARD)	1		
	152-6792	KIT-BEARING (0.25-MM US)		AB	
	152-6793	KIT-BEARING (0.5-MM US)		AB	
	152-6794	KIT-BEARING (0.75-MM US)		AB	
1C	152-6799	WASHER-THRUST	2		
1D	152-6801	GEAR-CRANKSHAFT (30-TEETH)	1		
1E	173-1272	KIT-BEARING	1		

CAT codes: A, B.

173-1252 CRANKSHAFT GP

173-1252 CRANKSHAFT GP S/N 3NW12500-UP PART OF 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



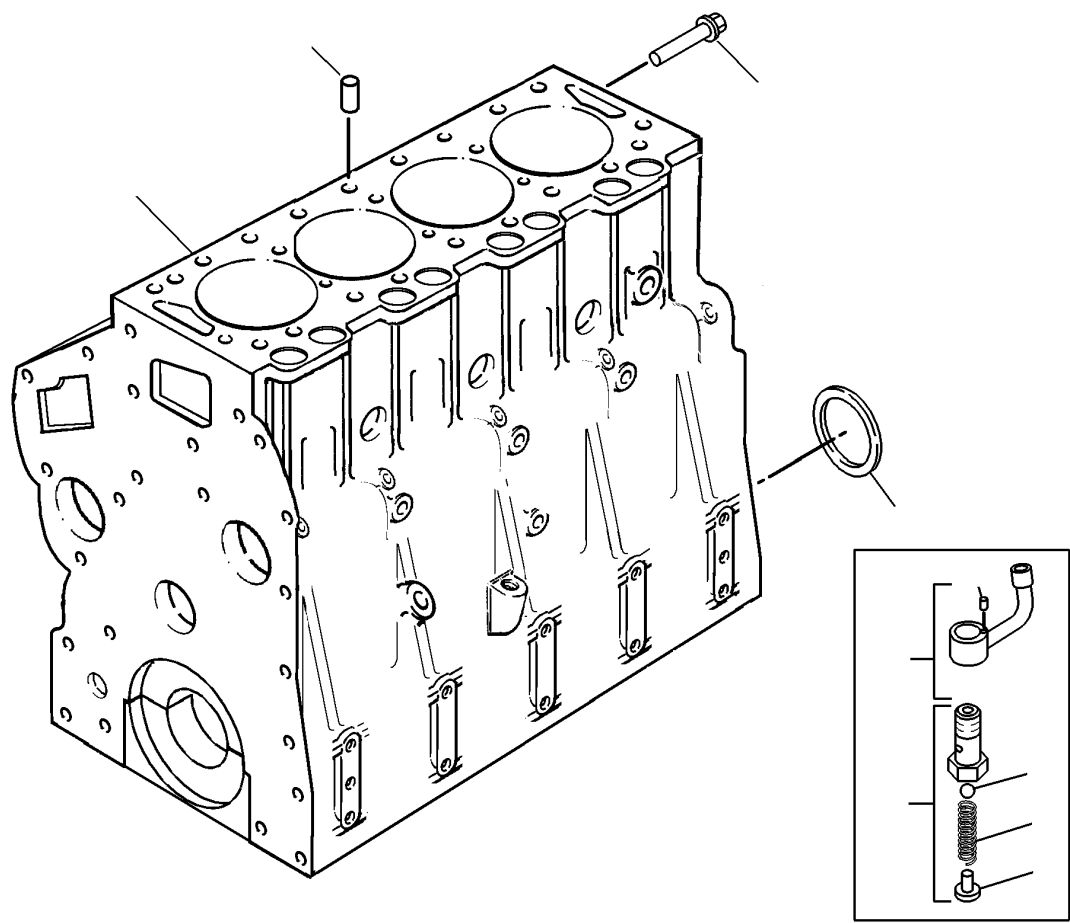
Ref.	Part number	Description	Qty	Code	Group page
1	173-1280	CRANKSHAFT GP	1		
2	1B-8736	KEY-WOODRUFF	1		
3	152-6791	KIT-BEARING (STANDARD)	1		
	152-6792	KIT-BEARING (0.25-MM US)		AB	
	152-6793	KIT-BEARING (0.5-MM US)		AB	
	152-6794	KIT-BEARING (0.75-MM US)		AB	
4	152-6799	WASHER-THRUST	2		
5	152-6801	GEAR-CRANKSHAFT (30-TEETH)	1		
6	173-1272	KIT-BEARING	1		
7	188-8545	SLEEVE AS-WEAR (INCLUDES INSTALLATION TOOL)	1		

CAT codes: A, B.

170-6666 CYLINDER BLOCK GP

170-6666 CYLINDER BLOCK GP S/N 3NW12500-UP PART OF 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6I-1074	VALVE AS (OIL JET)	4		
(EACH INCLUDES)					
2	6I-0686	SPRING	1		
3	6I-1075	BALL	1		
4	6I-1076	RETAINER	1		
5	152-6555	DOWEL	2		
7	142-7267	JET AS-PISTON COOLING	4		
(EACH INCLUDES)					
8	148-7549	DOWEL	1		
9	170-6669	PLUG	1		
10	152-6556	SEAL	1		
11	205-5491	CYLINDER BLOCK GP	1	Y	

CAT codes: Y.

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