

CATERPILLAR 248

6LZ / SEBP2972

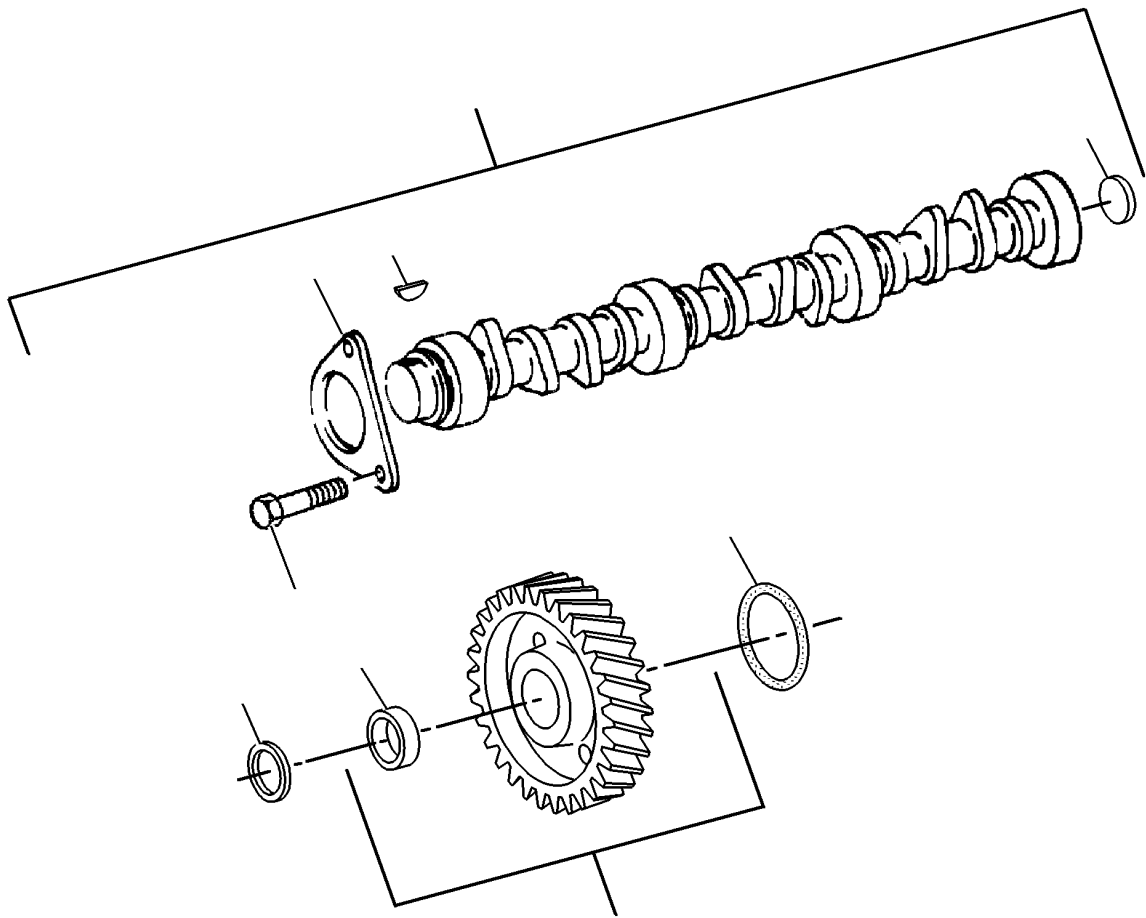
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171-2824 CAMSHAFT GP

171-2824 CAMSHAFT GP S/N 3NW1-12499 PART OF 147-1233 ENGINE AR-PRIMARY

Drawing 1 of 1



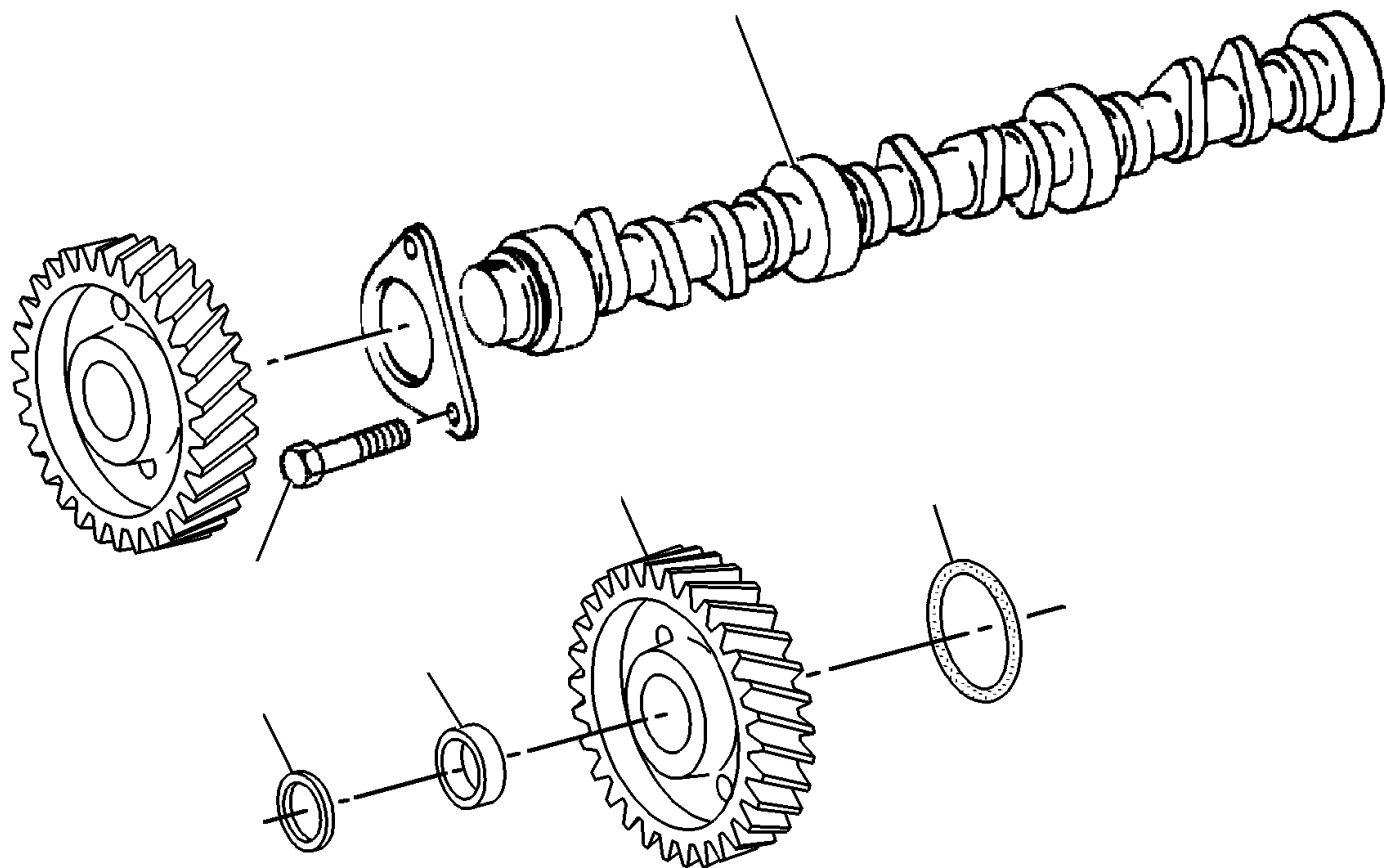
Ref.	Part number	Description	Qty	Code	Group page
1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	152-6866	GEAR AS-IDLER (59-TEETH)	1		
3	152-6867	BUSHING	2		
4	152-6868	WASHER (32X50X2.4)	2		
5	152-6869	SEAL-O-RING	1		
6	173-9855	CAMSHAFT AS	1		
7	152-6862	PLUG	1		
9	152-6864	KEY-WOODRUFF	1		
10	164-7606	PLATE	1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

CAT codes: F, M.

172-6740 CAMSHAFT GP

172-6740 CAMSHAFT GP S/N 3NW1-12499 PART OF 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



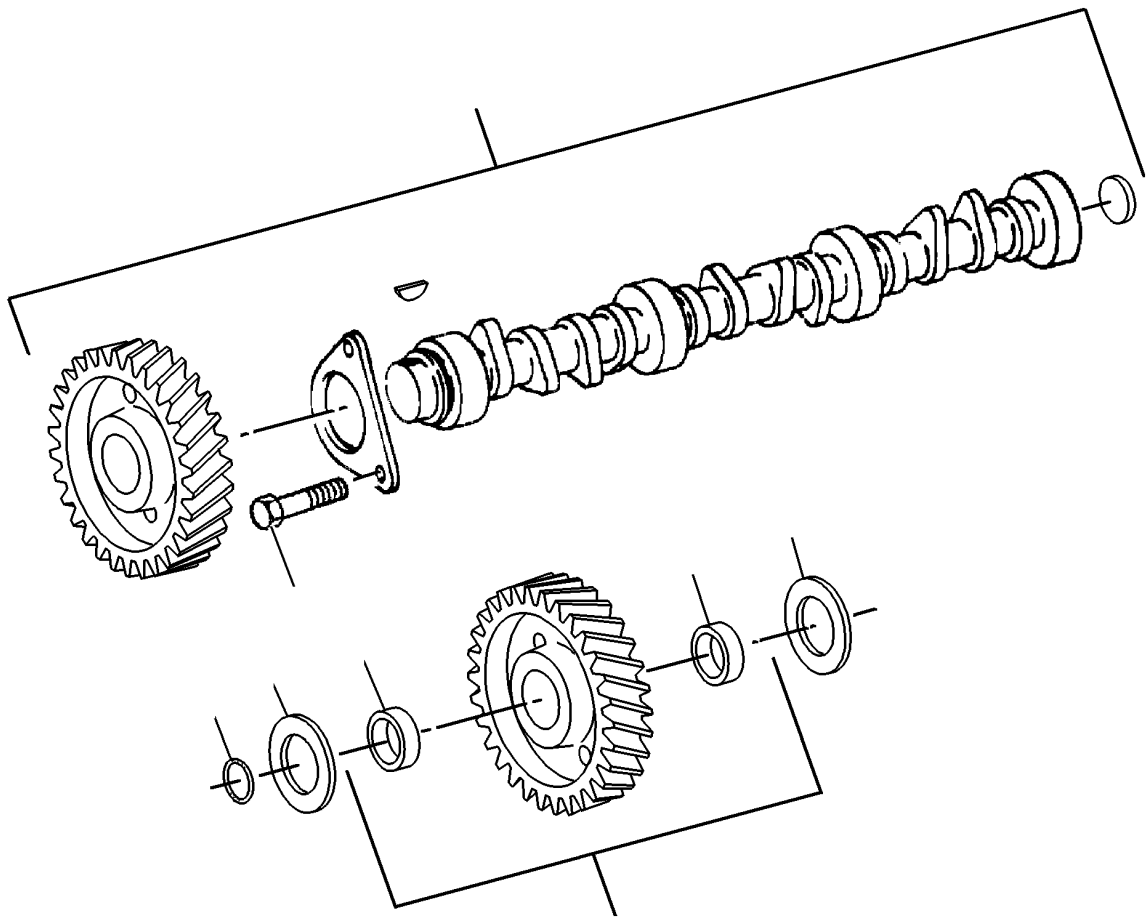
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1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	152-6866	GEAR AS-IDLER (59-TEETH)	1		
3	152-6867	BUSHING	2		
4	188-4513	CAMSHAFT AS	1		
5	152-6868	WASHER (32X50X2.4)	1		
6	152-6869	SEAL-O-RING	1		

CAT codes: M.

177-2392 CAMSHAFT GP

177-2392 CAMSHAFT GP S/N 3NW1-1232 PART OF 159-9214 ENGINE AR-PRIMARY

Drawing 1 of 1



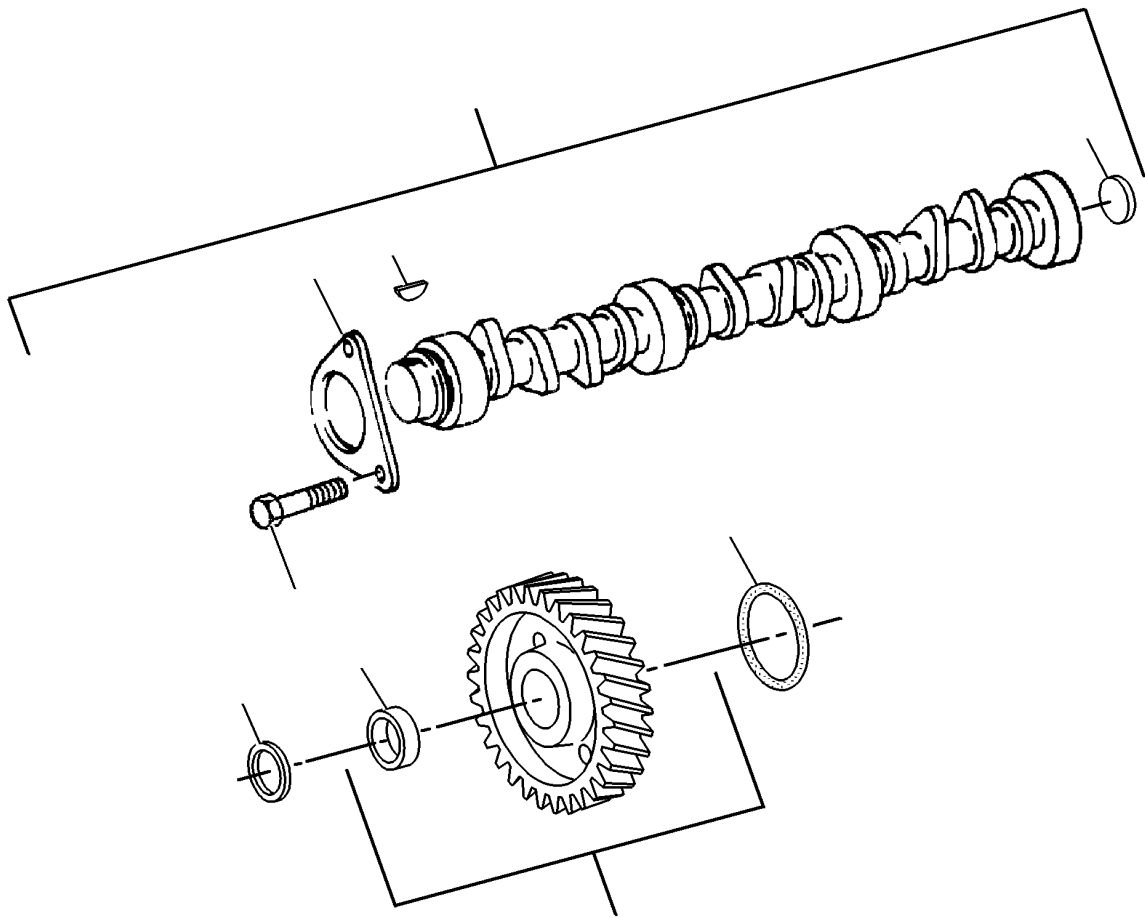
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1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	188-4513	CAMSHAFT AS	1		
3	152-6866	GEAR AS-IDLER (59-TEETH)	1		
4	152-6867	BUSHING	2		
5	152-6869	SEAL-O-RING	1		
6	152-6868	WASHER (32X50X2.4)	2		

CAT codes: M.

188-8692 CAMSHAFT GP

188-8692 CAMSHAFT GP S/N 3NW1233-12499 PART OF 159-9214 ENGINE AR-PRIMARY

Drawing 1 of 1



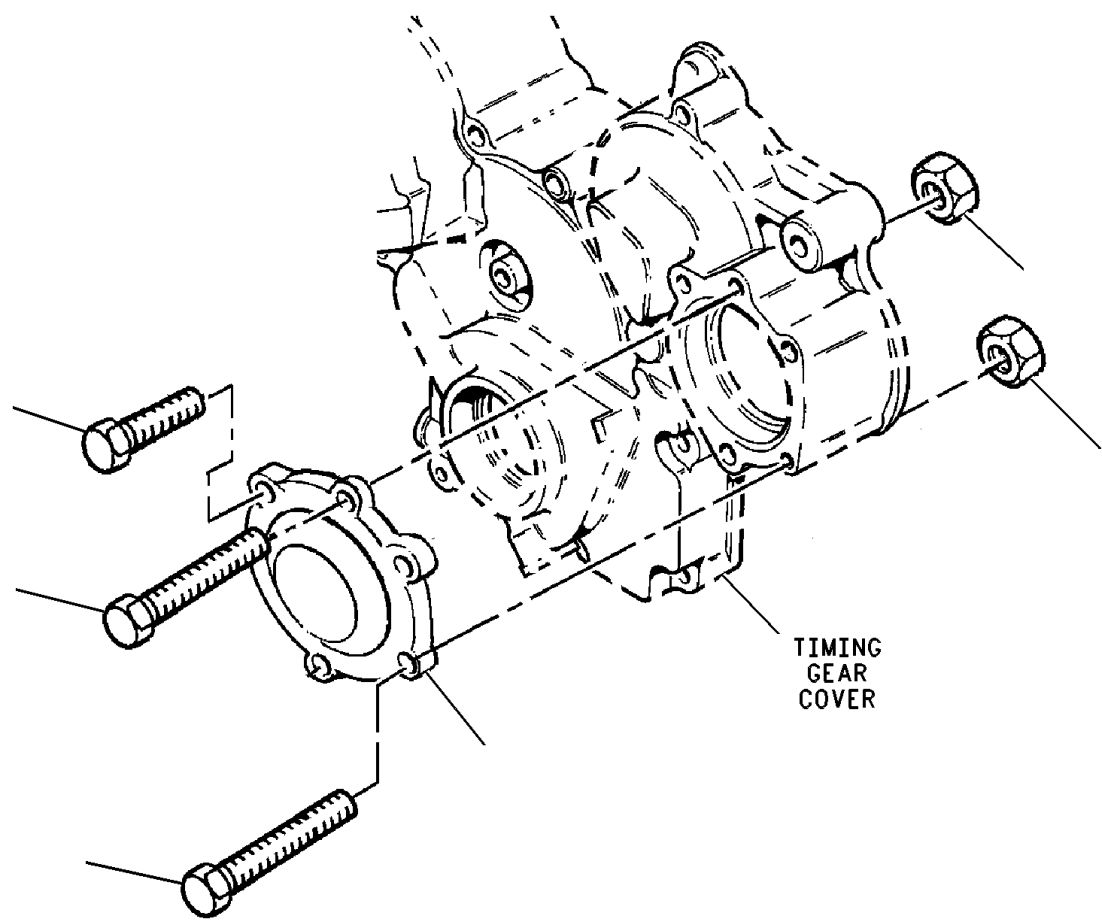
Ref.	Part number	Description	Qty	Code	Group page
1	100-4841	BOLT (M6X1X10-MM)	2	M	
2	152-6866	GEAR AS-IDLER (59-TEETH)	1		
3	152-6867	BUSHING	2		
4	152-6868	WASHER (32X50X2.4)	2		
5	152-6869	SEAL-O-RING	1		
6	188-8693	CAMSHAFT AS	1		
7	152-6862	PLUG	1		
9	152-6864	KEY-WOODRUFF	1		
10	164-7606	PLATE	1		

CAT codes: M.

164-7623 COVER GP-FRONT HOUSING

164-7623 COVER GP-FRONT HOUSING S/N 3NW1-7997 PART OF 147-1233, 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



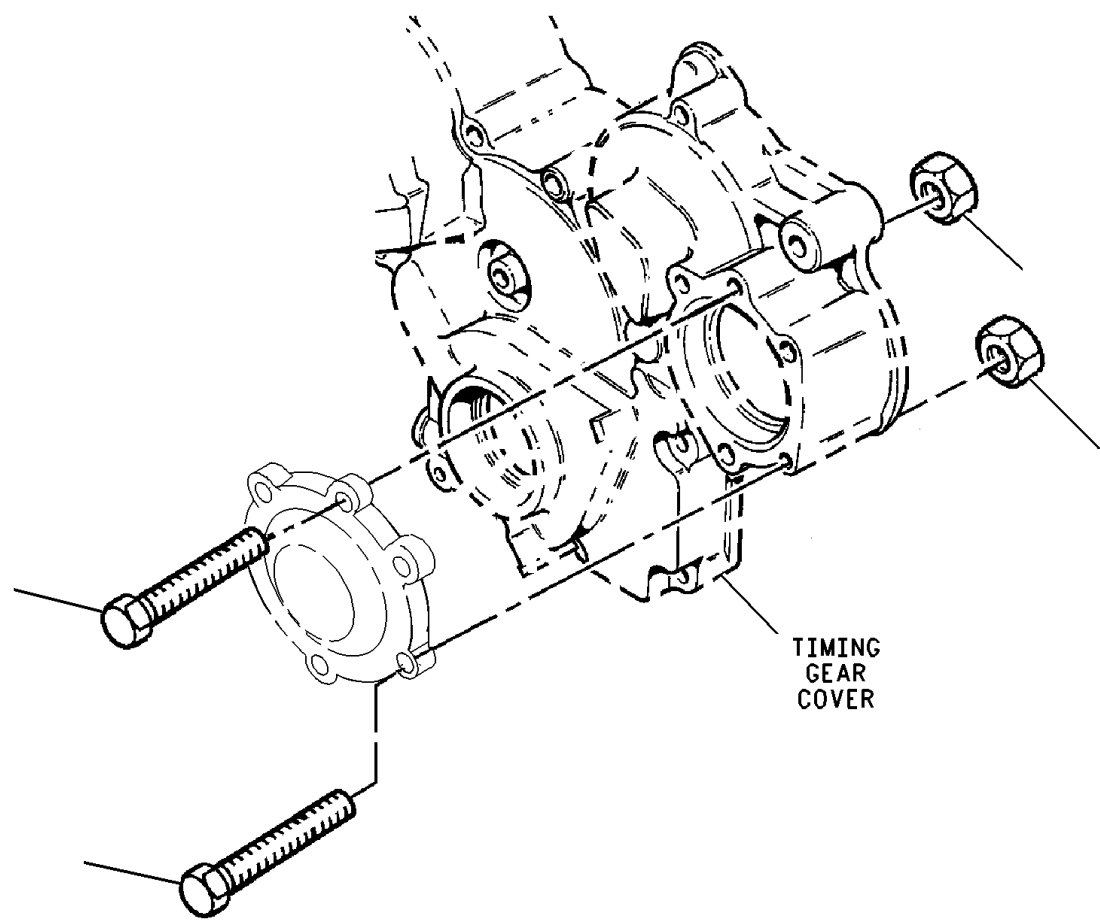
Ref.	Part number	Description	Qty	Code	Group page
1	6I-0291	NUT (M8X1.25-THD)	2	M	
2	6I-0447	BOLT (M6X1X16-MM)	1		
3	6I-0594	NUT (M10X1.5-THD)	2	M	
4	101-3771	BOLT (M8X1.25X85-MM)	2	M	
5	103-5687	BOLT (M10X1.5X85-MM)	2	M	
6	159-0055	COVER	1		
	159-0056	COMPOUND-THREAD LOCK		BF	

CAT codes: B, F, M.

164-7623 COVER GP-FRONT HOUSING

164-7623 COVER GP-FRONT HOUSING S/N 3NW7998-12499 PART OF 147-1233, 147-1234 ENGINE AR-PRIMARY

Drawing 1 of 1



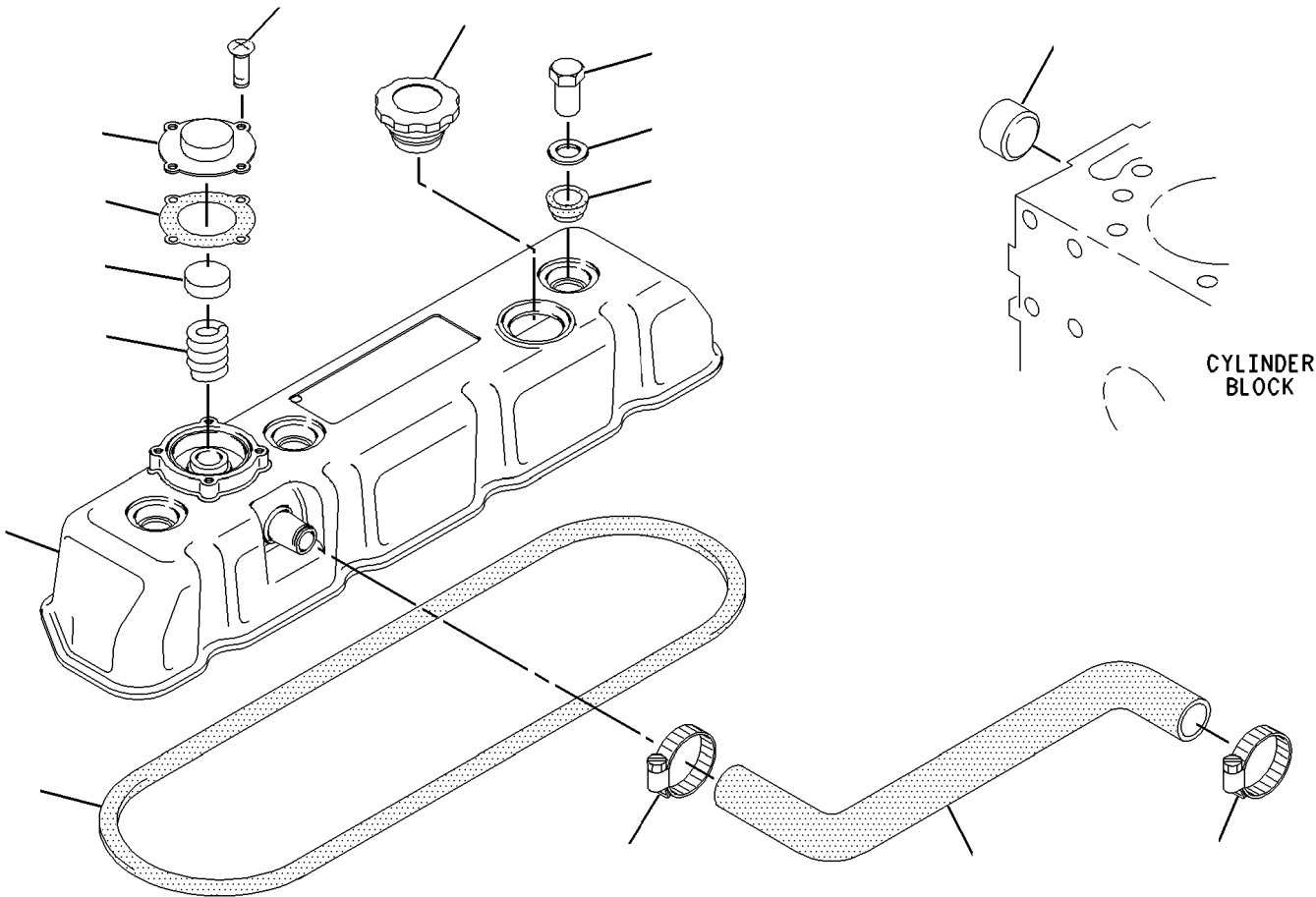
Ref.	Part number	Description	Qty	Code	Group page
1	178-3336	NUT-HEX FLANGE (M8X1.25-THD)	2	M	
2	100-4463	BOLT (M10X1.5X80-MM)	2	M	
3	6I-0594	NUT (M10X1.5-THD)	2	M	
4	6I-0293	BOLT (M8X1.25X80-MM)	2	M	

CAT codes: M.

153-0115 COVER GP-VALVE MECHANISM

153-0115 COVER GP-VALVE MECHANISM S/N 3NW1-12499 PART OF 147-1233 ENGINE AR-PRIMARY

Drawing 1 of 1

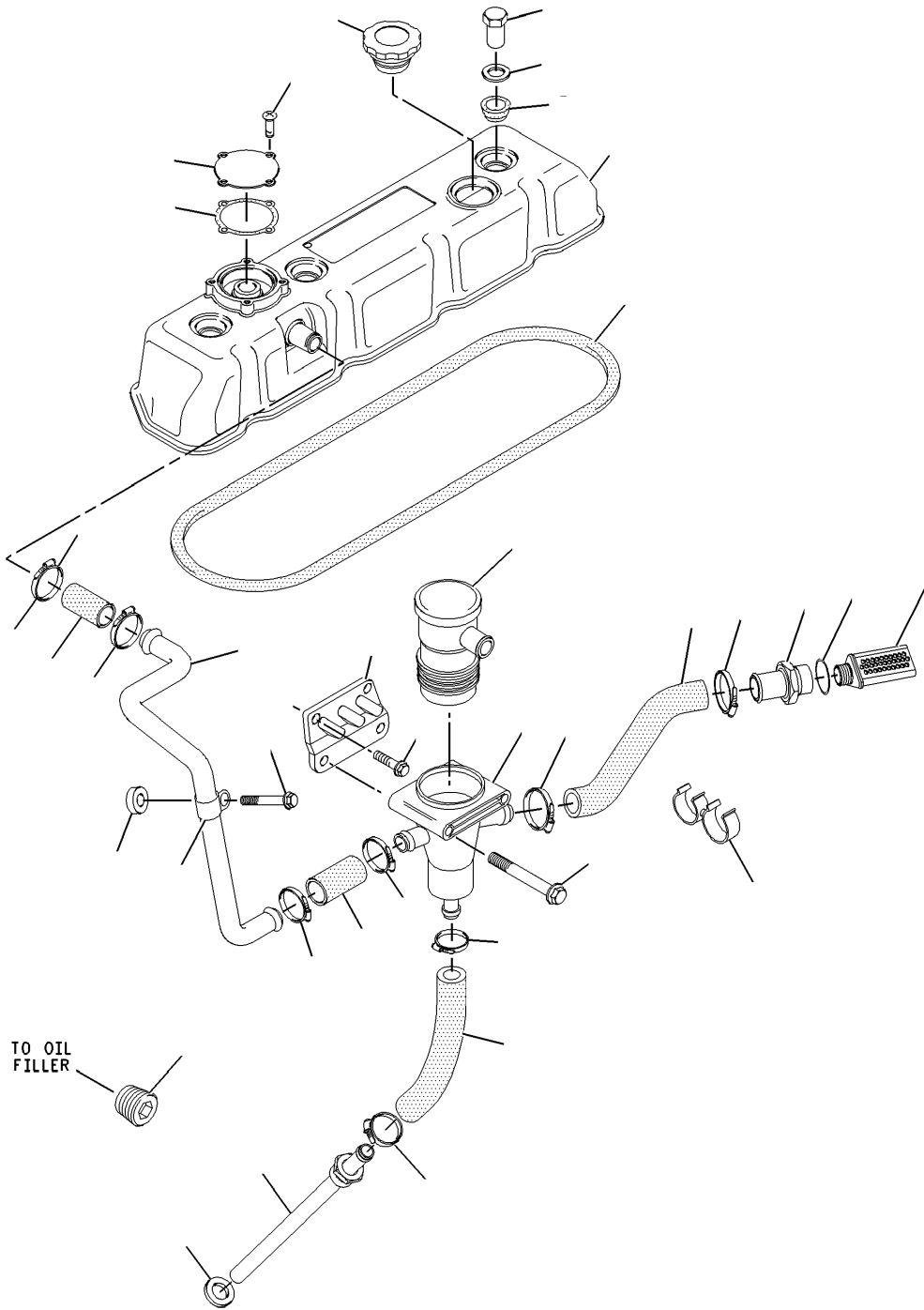


Ref.	Part number	Description	Qty	Code	Group page
1	4B-4281	WASHER (16.8X33X2.5-MM THK)	3		
2	067-6006	PLUG	1		
3	5D-1026	CLAMP-BAND	2		
4	101-3675	SEAL	3		
5	153-0104	HOSE (FUMES DISPOSAL)	1		
6	153-0105	SPRING	1		
7	153-0106	PLATE	1		
8	180-2428	DIAPHRAGM (CRANKCASE PRESSURE CONTACTOR)	1		
9	153-0108	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 3NW1-12499 PART OF 147-1234, 159-9214 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.

MANUALS-KOMATSU.COM

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