

CATERPILLAR CB-224E

224 / KEBP0272

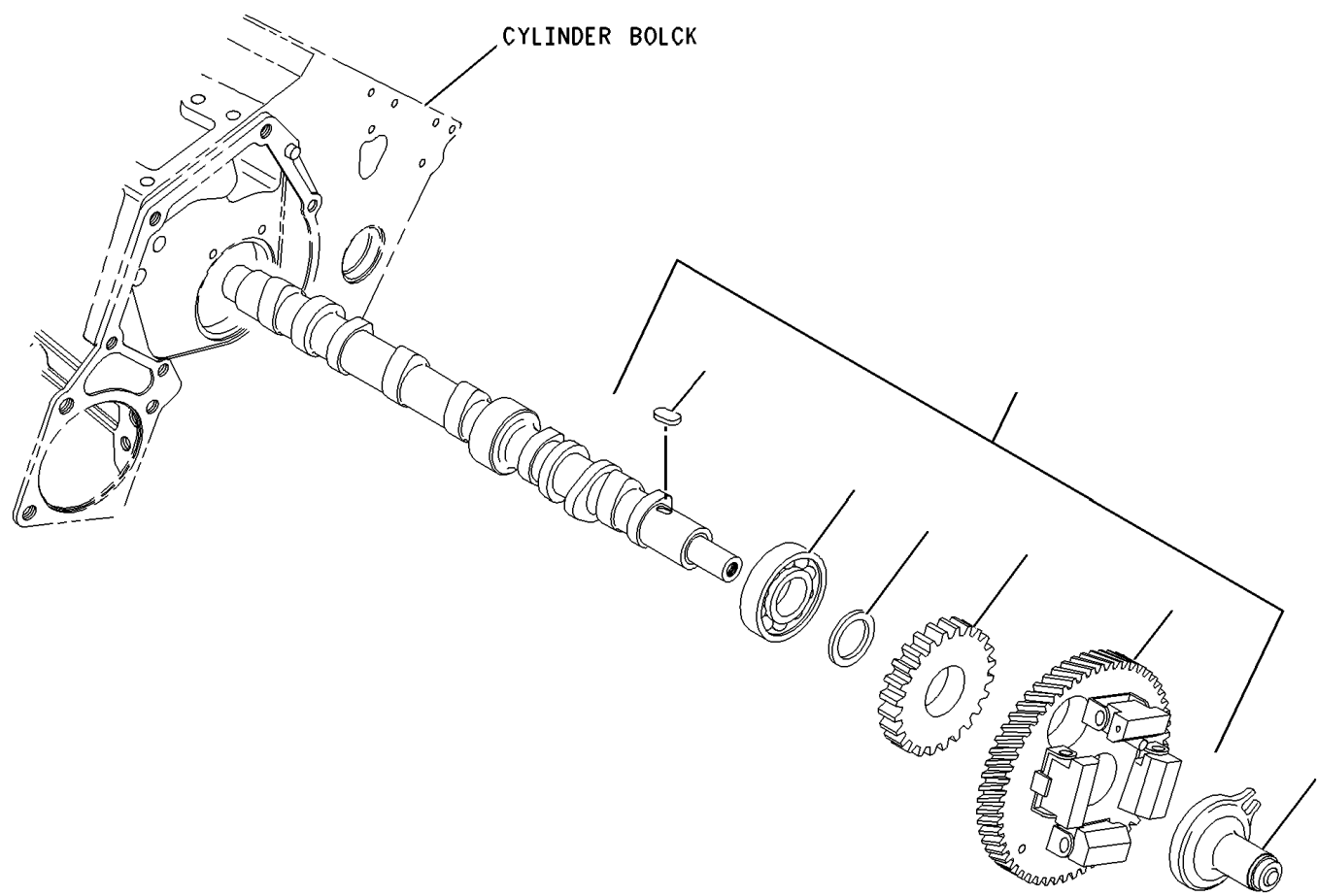
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249-7138 CAMSHAFT GP

249-7138 CAMSHAFT GP S/N CSS1-UP PART OF 226-8699 ENGINE AR-PRIMARY

Drawing 1 of 1

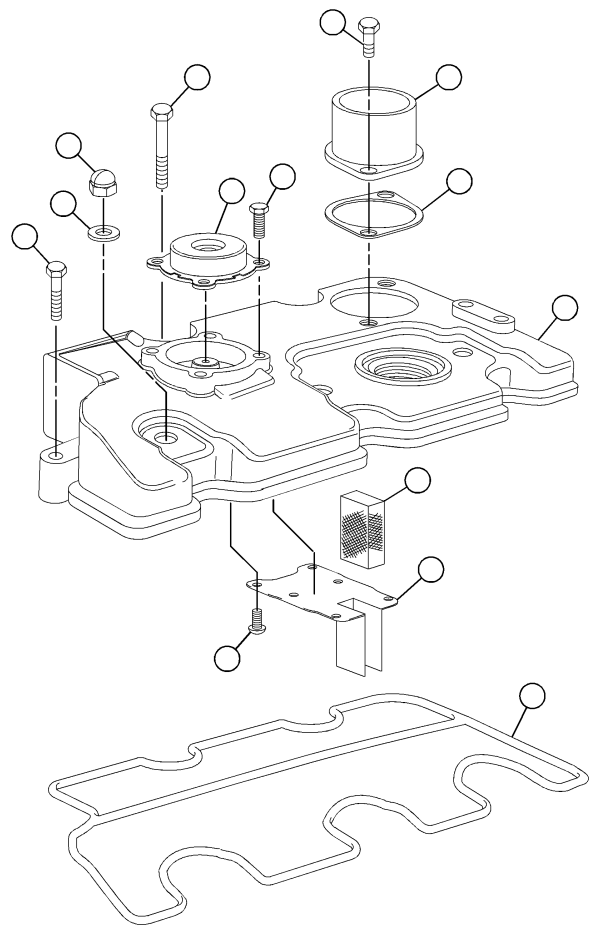


Ref.	Part number	Description	Qty	Code	Group
			.		page
1	217-7174	TAPPET	1		
2	156-6996	CAMSHAFT AS	1		
2A	153-6492	KEY-WOODRUFF	1		
2B	154-4506	SPACER	3		
2C	154-4507	GEAR-CAMSHAFT (22-TEETH)	1		
2D	154-4508	GEAR-CAMSHAFT (66-TEETH)	1		
2E	156-6997	BEARING	1		

235-5533 COVER GP-VALVE MECHANISM

235-5533 COVER GP-VALVE MECHANISM S/N CSS1-UP PART OF 226-8699 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	153-5939	STOPPER (OIL)	1		
2	165-2140	BOLT AS	2		
3	153-5962	BOLT AS	2		
4	153-7640	BOLT AS	2		
5	539-0439	NUT (M10X1.25-THD)	3	M	
6	246-4361	WASHER (10.5X14X1.5-MM THK)	3		
7	217-5859	VALVE-BREATHER (CRANKCASE)	1		
8	217-5860	BOLT (M4X0.7X8-MM)	4	M	
9	217-5861	PLATE-RETAINING	1		
10	217-5862	SCREW (SELF-TAPPING)	6		
11	309-6735	TUBE-AIR	1		

235-5533 COVER GP-VALVE MECHANISM (continued)

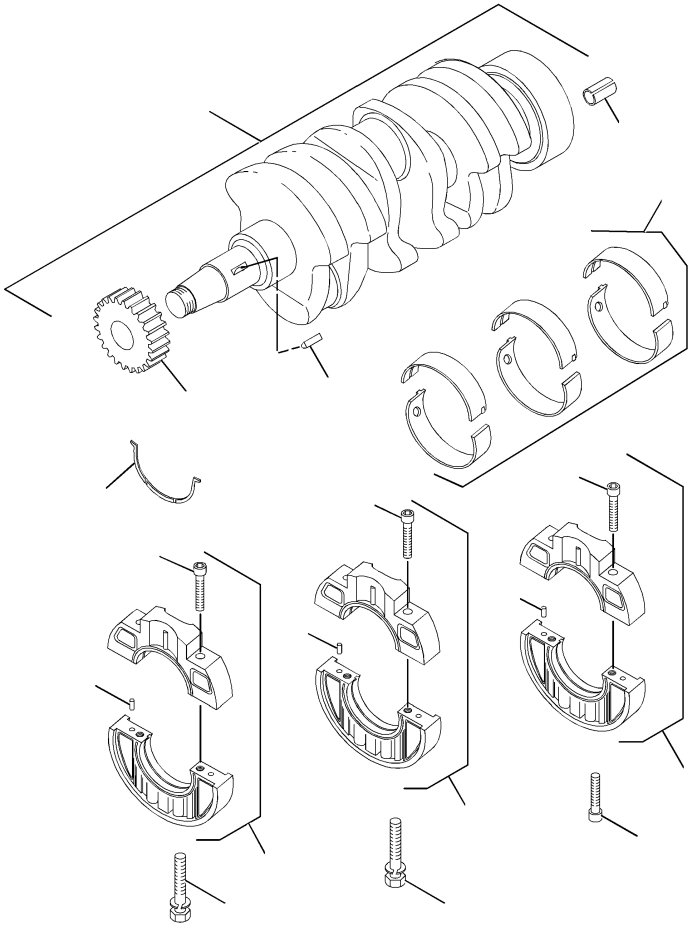
Ref.	Part number	Description	Qty	Code	Group page
12	494-9569	GASKET	1		
13	235-5530	COVER-VALVE	1		
14	447-3735	GASKET-COVER	1		

CAT codes: M.

235-6967 CRANKSHAFT GP

235-6967 CRANKSHAFT GP S/N CSS1-UP PART OF 226-8699 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	154-1231	WASHER-THRUST	2		
2	156-6967	BEARING AS	1		
2A	153-5402	DOWEL	2		
2B	154-0385	BOLT	2		
3	156-6970	BEARING AS	1		
3A	153-5402	DOWEL	2		
3B	154-0385	BOLT	2		
4	156-6968	BEARING AS	1		
4A	153-5402	DOWEL	2		
4B	154-0385	BOLT	2		
5	156-6977	KIT-CRANKSHAFT BEARING (MAIN)	1		
6	235-6962	CRANKSHAFT GP	1		
6A	153-5518	KEY	1		
6B	153-5519	PIN	1		

235-6967 CRANKSHAFT GP (continued)

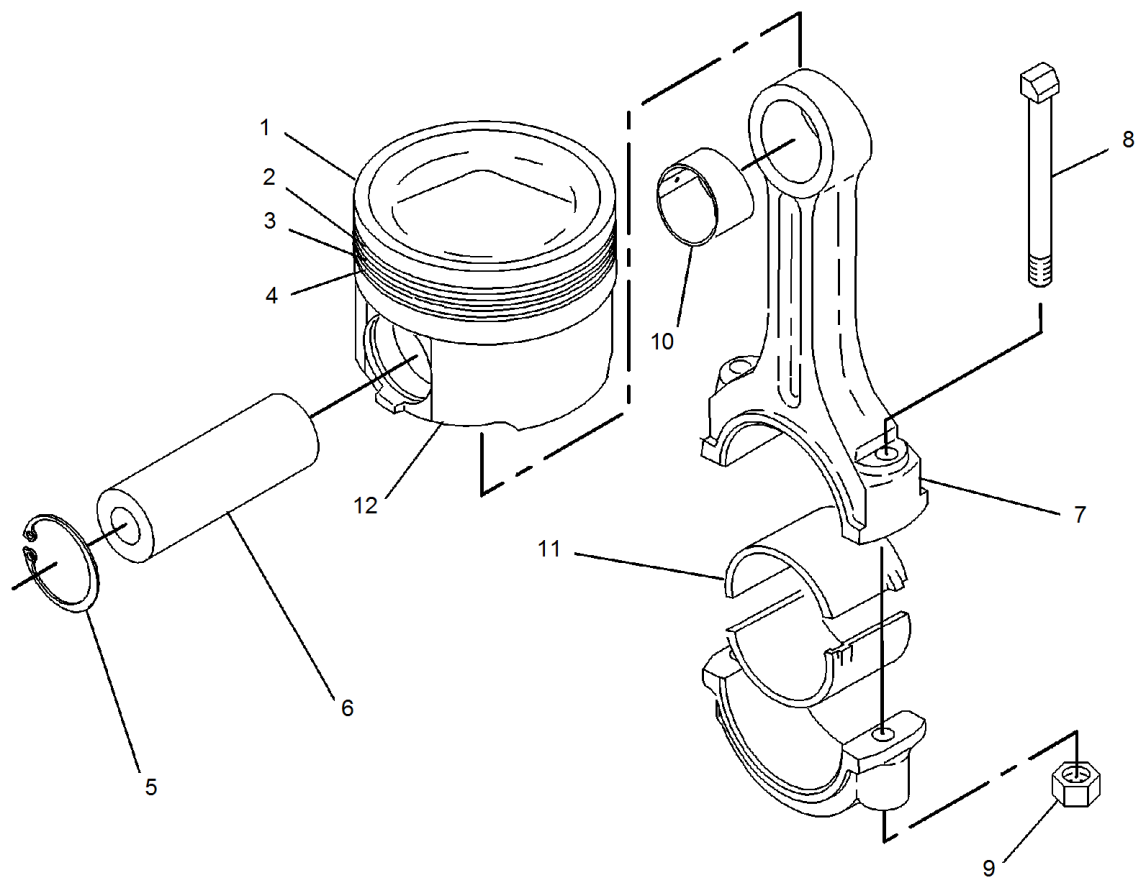
Ref.	Part number	Description	Qty	Code	Group page
6C	154-1202	GEAR-CRANKSHAFT (33-TEETH)	1		
7	154-0390	BOLT (M8X1.25X65-MM)	2	M	
8	156-6971	BOLT	2		

CAT codes: M.

235-6967 CRANKSHAFT GP

235-6967 CRANKSHAFT GP S/N CSS1-UP PART OF 226-8699 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	154-1231	WASHER-THRUST	2		
2	156-6967	BEARING AS	1		
2A	153-5402	DOWEL	2		
2B	154-0385	BOLT	2		
3	156-6970	BEARING AS	1		
3A	153-5402	DOWEL	2		
3B	154-0385	BOLT	2		
4	156-6968	BEARING AS	1		
4A	153-5402	DOWEL	2		
4B	154-0385	BOLT	2		
5	156-6977	KIT-CRANKSHAFT BEARING (MAIN)	1		
	161-2628	KIT-CRANKSHAFT BEARING (0.25-MM US)		AB	
	161-2629	KIT-CRANKSHAFT BEARING (0.5-MM US)		AB	
6	311-1157	CRANKSHAFT AS	1	C	
6A	153-5518	KEY	1		

235-6967 CRANKSHAFT GP (continued)

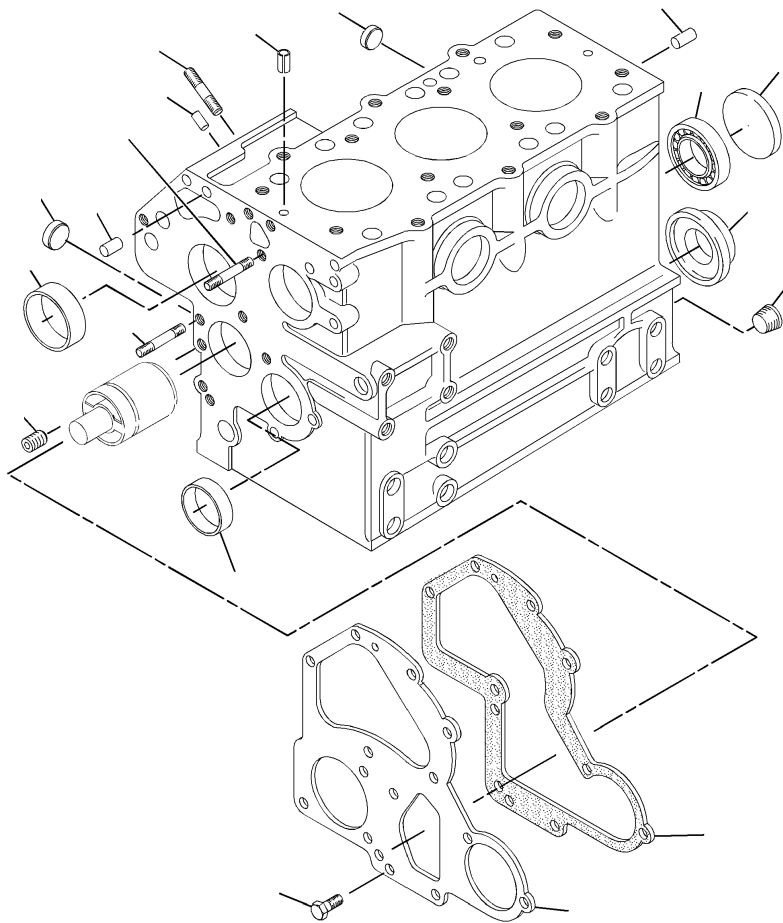
Ref.	Part number	Description	Qty	Code	Group page
6B	153-5519	PIN	1		
6C	308-1853	GEAR-CRANKSHAFT (33-TEETH)(33-TEETH)	1		
7	183-1336	BOLT	2		
8	156-6971	BOLT	2		

CAT codes: A, B, C.

235-6806 CYLINDER BLOCK GP

235-6806 CYLINDER BLOCK GP S/N CSS1-UP PART OF 226-8699 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6B-0924	BALL BEARING	1		
2	153-5387	PLUG	1		
3	153-5391	PLUG	1		
4	153-5394	DOWEL	2		
5	153-5395	DOWEL	2		
6	153-5396	PIN	2		
7	153-5402	DOWEL	2		
8	153-6838	BOLT AS	2		
9	154-0175	PLUG	3		
11	154-0391	PLATE	1		
12	154-0393	STUD (M8X1.25X31-MM)	2	M	
13	156-6969	BEARING	1		
15	156-6973	SEAL	1		
16	183-1163	STUD (M6X1X43-MM)	1	M	
17	183-1164	STUD (M6X1X68-MM)	1	M	

235-6806 CYLINDER BLOCK GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
18	183-1165	PLUG	1		
19	294-4916	BUSHING (STANDARD)(STANDARD)	1		
	302-4181	BUSHING (0.25-MM US)		B	
	302-4182	BUSHING (0.50-MM US)		B	
20	215-2620	GASKET	1		
21	221-1136	PLUG (BLANKING)	3		
	154-0390	BOLT (M8X1.25X65-MM)	2	FM	
	156-6971	BOLT	2	F	

CAT codes: B, F, M.

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