

CATERPILLAR 933

9EL / SEBP2244

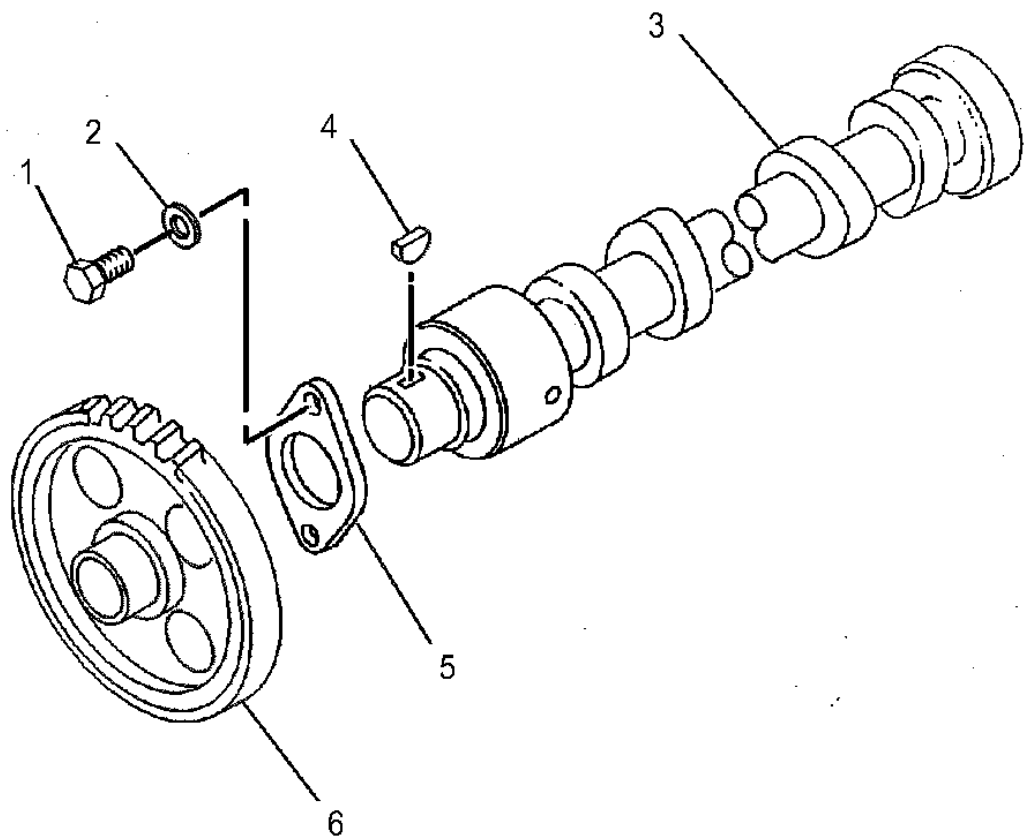
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106-8228 CAMSHAFT GP

106-8228 CAMSHAFT GP S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



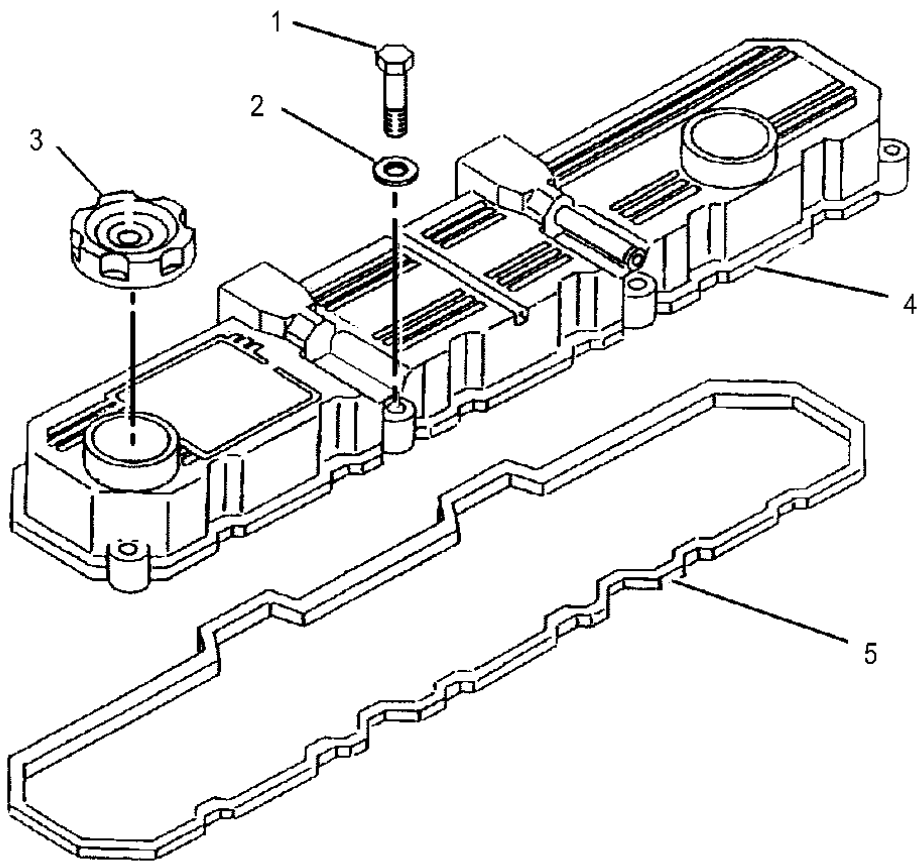
Ref.	Part number	Description	Qty	Code	Group page
1	6V-5215	BOLT (M8X1.25X16-MM)	2	M	
2	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
3	107-8369	CAMSHAFT AS	1		
4	094-4628	KEY (CRANKSHAFT)	1		
5	122-9352	PLATE-THRUST	1		
6	107-8370	GEAR	1		

CAT codes: M, R.

106-8248 COVER GP-VALVE MECHANISM

106-8248 COVER GP-VALVE MECHANISM S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



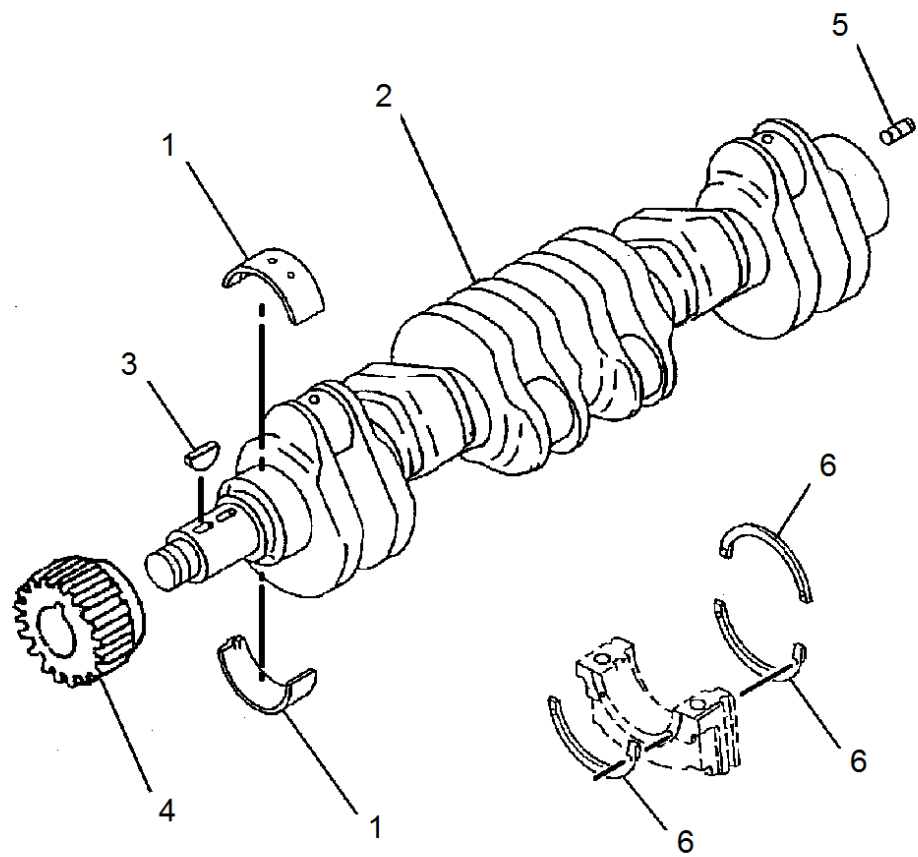
Ref.	Part number	Description	Qty	Code	Group page
1	6V-5219	BOLT (M8X1.25X40-MM)	7	M	
2	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	7		
3	114-6875	CAP (ENGINE OIL FILL CAP)	1		
4	151-5295	COVER AS-VALVE	1		
5	107-0969	GASKET (MANIFOLD)	1		

CAT codes: M.

106-8231 CRANKSHAFT GP

106-8231 CRANKSHAFT GP S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



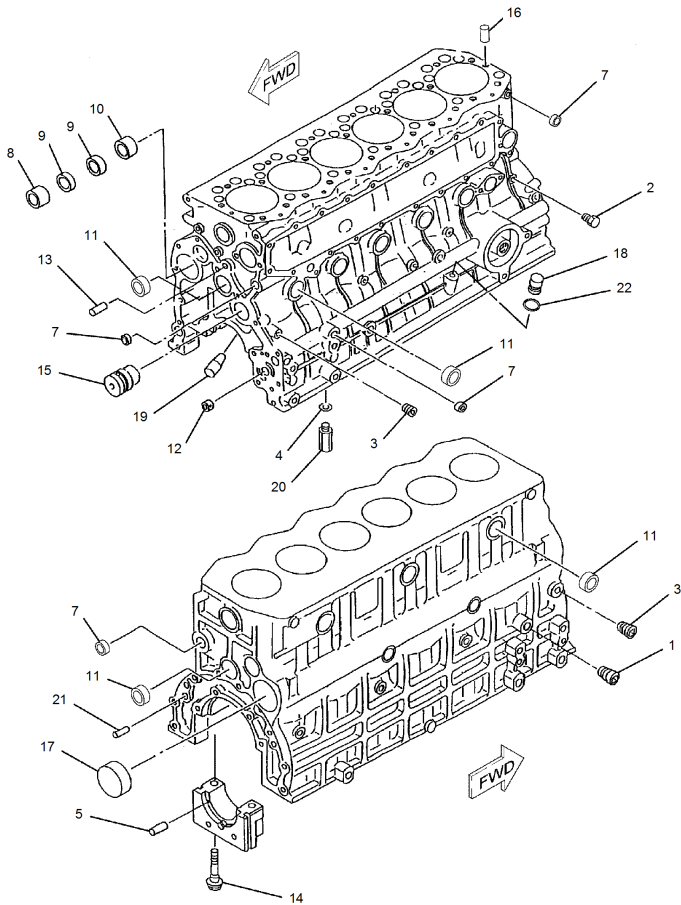
Ref.	Part number	Description	Qty	Code	Group page
1	107-0991	BEARING SET-MAIN (STANDARD)	1		
	114-5609	BEARING SET-MAIN (0.25-MM US)	1		
	114-5610	BEARING SET-MAIN (0.50-MM US)	1		
	114-5611	BEARING SET-MAIN (0.75-MM US)	1		
2	107-0992	CRANKSHAFT AS	1		
3	094-4628	KEY (CRANKSHAFT)	1		
4	107-0990	GEAR	1		
5	085-9513	PIN	1		
6	103-9288	PLATE-THRUST (STANDARD)	3		
	103-9289	PLATE-THRUST (0.15-MM OS)	3		
	103-9290	PLATE-THRUST (0.35-MM OS)	3		

CAT codes: R.

201-1037 CYLINDER BLOCK AS

201-1037 CYLINDER BLOCK AS S/N 5XK1-UP PART OF 106-8230 CYLINDER BLOCK GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4D-3118	PLUG-PIPE	3		
2	5M-6213	PLUG-PIPE (1/4-18-THD)	1		
3	9F-2247	PLUG-PIPE (1/8-27-THD)	8		
4	234-4796	GASKET	1		
5	183-5916	PIN-SPRING	6		
7	096-3741	CAP	9		
8	5I-8009	BUSHING	1		
9	5I-7528	BUSHING	2		
10	5I-7529	BUSHING	1		
11	3P-1896	PLUG-CUP (35.31-MM OD)	15		
12	314-9938	BUSHING	1		
13	233-5488	PIN	2		
14	103-9276	BOLT	14		
15	103-9703	SHAFT-IDLER	1		
16	104-1218	DOWEL	2		

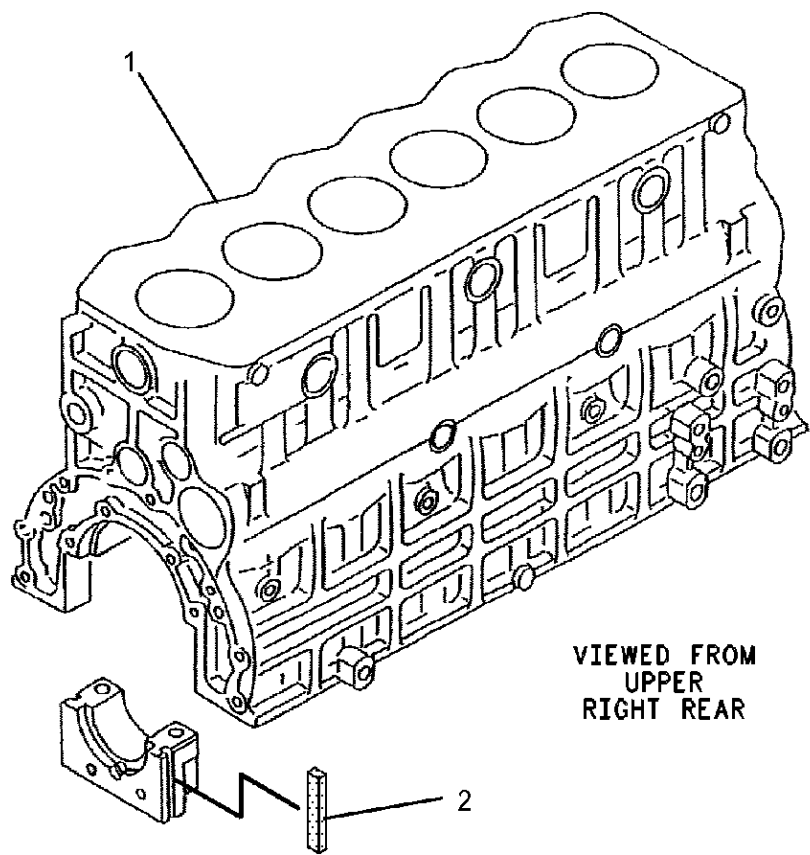
201-1037 CYLINDER BLOCK AS (continued)

Ref.	Part number	Description	Qty	Code	Group page
17	5I-7525	PLUG	1		
18	107-3667	PLUG	1		
19	107-3669	JET	6		
20	294-1767	VALVE (PRESSURE RELIEF)(ENGINE OIL)	1		
21	099-4420	PIN	2		
22	5I-4993	SEAL	1		

106-8230 CYLINDER BLOCK GP

106-8230 CYLINDER BLOCK GP S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



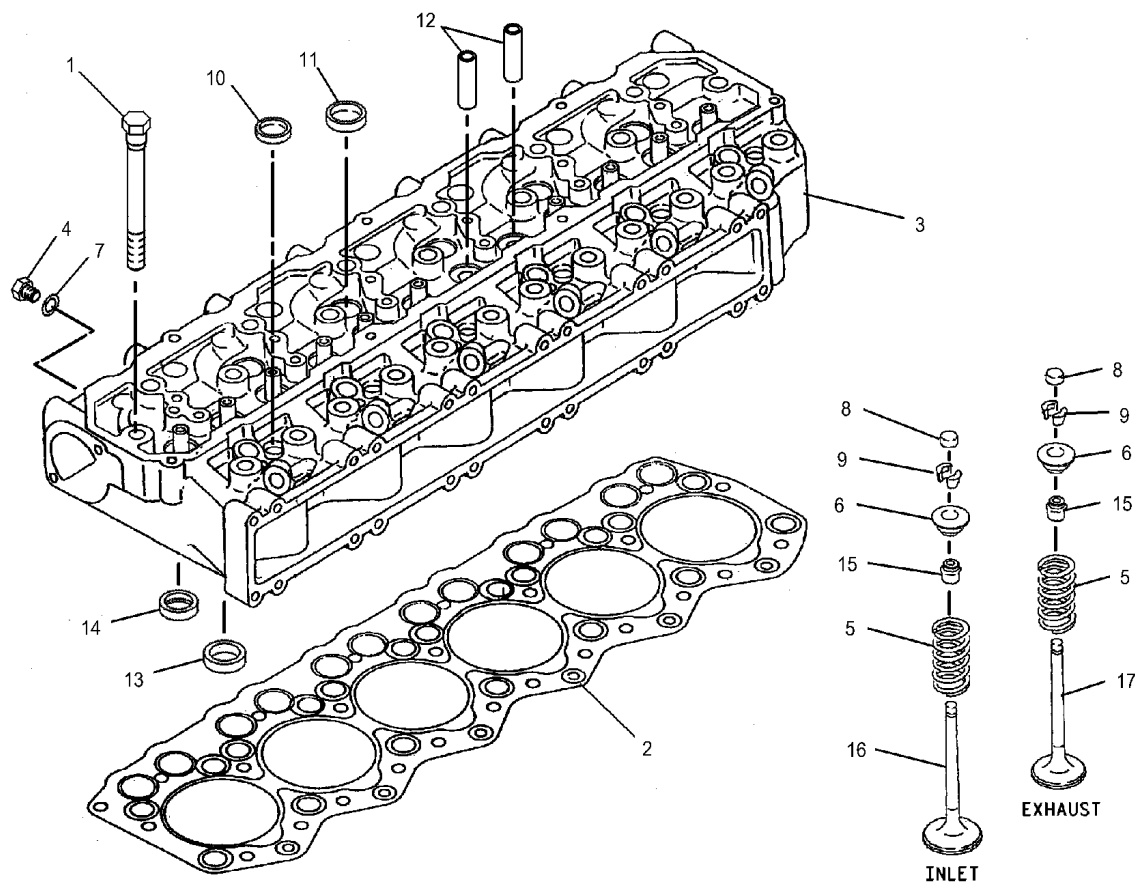
Ref.	Part number	Description	Qty	Code	Group page
1	201-1037	CYLINDER BLOCK AS	1	Y	
2	103-9279	SEAL-SIDE	2		
AVAILABLE REPAIR KIT(S):					
	128-3811	KIT-JACKET WATER HEATER	1		
(INCLUDES CORD AS-HEATER,ELEMENT-HEATER, & RECEPTACLE-COVERED)					

CAT codes: Y.

106-8249 CYLINDER HEAD GP

106-8249 CYLINDER HEAD GP S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	103-9246	BOLT-CYLINDER HEAD	25		
2	107-0979	GASKET-CYLINDER HEAD	1		
3	107-0978	CYLINDER HEAD AS	1		
4	096-9435	PLUG	2		
5	103-2782	SPRING	12		
6	5I-7625	RETAINER	12		
7	1S-0379	GASKET	2		
8	5I-7630	CAP	12		
9	5I-7719	RETAINER	24		
10	103-9010	CAP-SEALING	12		
11	103-9011	CAP-SEALING	11		
12	103-9247	GUIDE-VALVE	12		
13	103-9252	SEAT-VALVE	6		
14	103-9253	SEAT-VALVE	6		

106-8249 CYLINDER HEAD GP (continued)

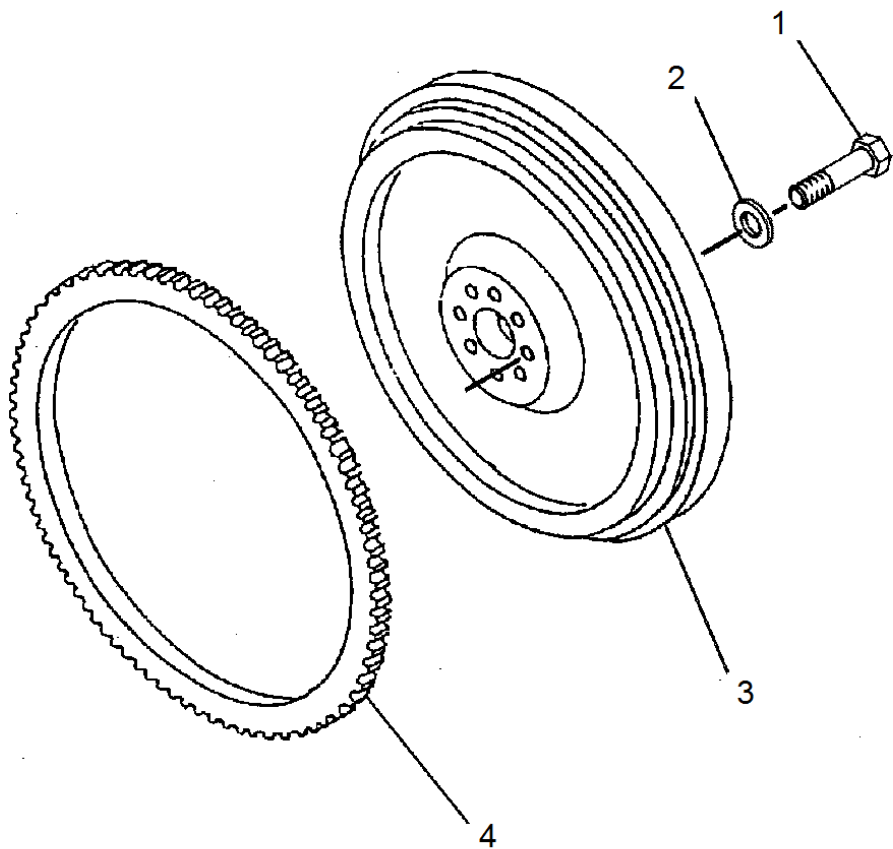
Ref.	Part number	Description	Qty	Code	Group page
15	103-9260	SEAL-VALVE STEM	12		
16	103-9269	VALVE-INLET	6		
17	103-9270	VALVE-EXHAUST	6		

CAT codes: R.

106-8254 FLYWHEEL GP

106-8254 FLYWHEEL GP S/N 5XK1-UP PART OF 107-2350, 6I-3535 ENGINE AR, 149-8742 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	143-0116	BOLT (M12X1.25X40-MM)	6	M	
2	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	6		
3	107-0967	FLYWHEEL AS	1		
4	2N-1599	GEAR (126-TEETH)	1		

CAT codes: M.

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