

CATERPILLAR 988F II

2ZR / SEBP2413

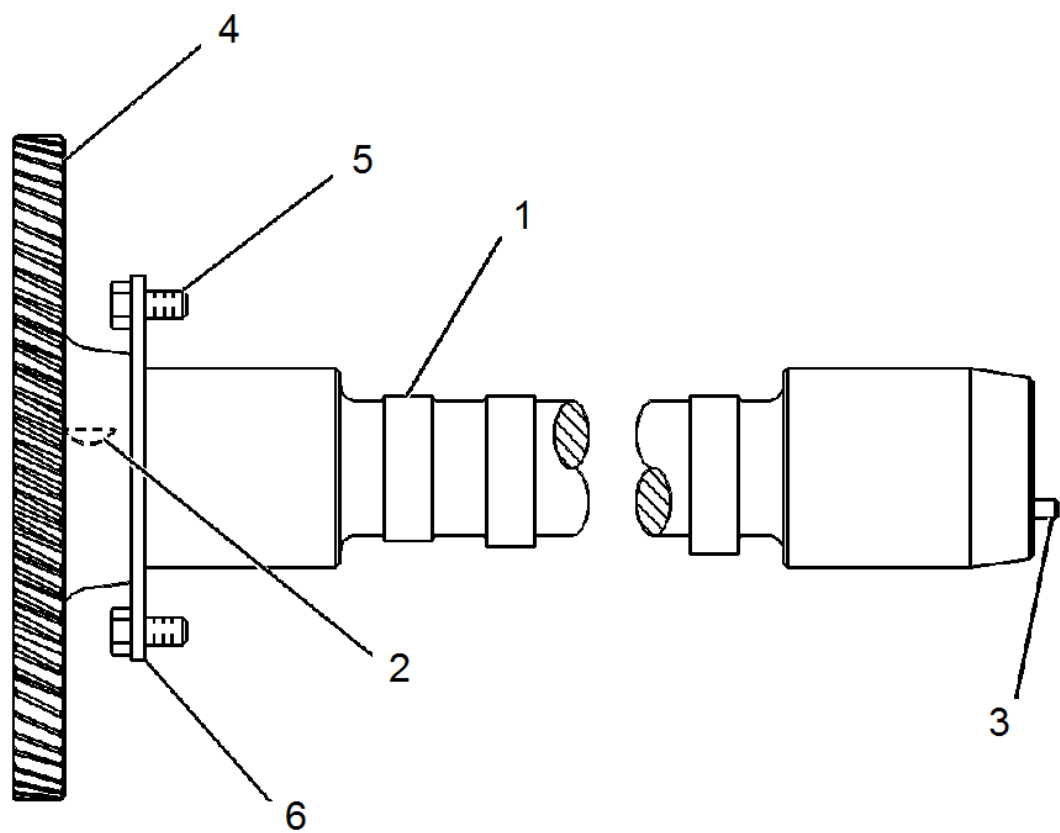
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108-1547 CAMSHAFT GP

108-1547 CAMSHAFT GP S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1



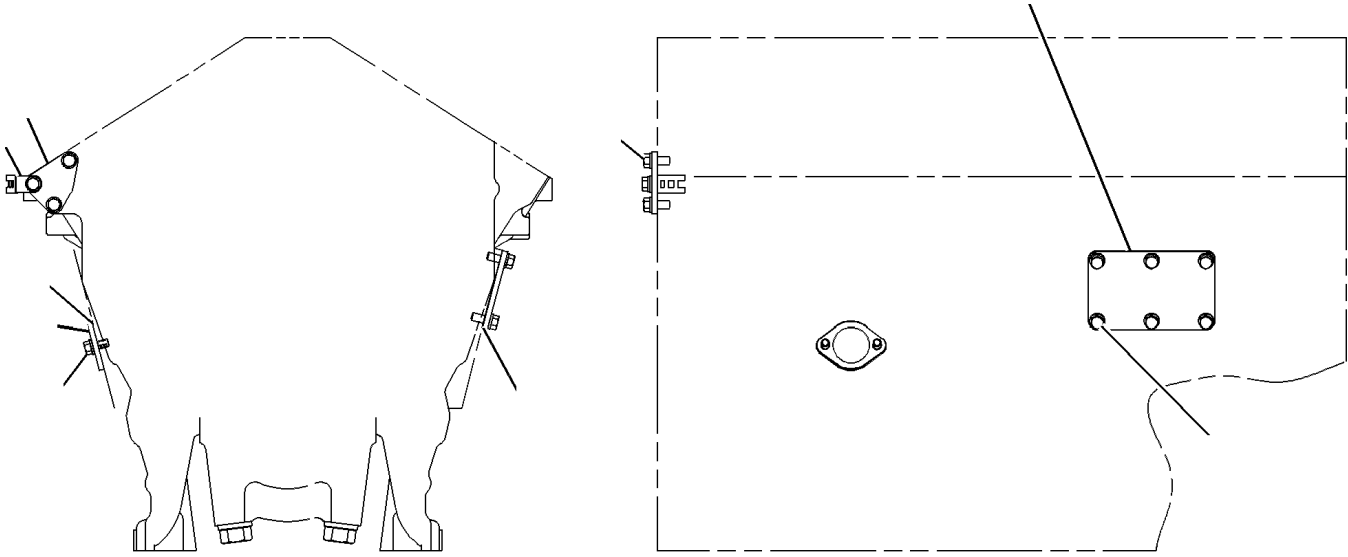
Ref.	Part number	Description	Qty	Code	Group page
1	108-6277	CAMSHAFT AS	1		
	1W-5060	CAMSHAFT	1		
2	1B-8705	KEY-WOODRUFF	1		
3	4N-0955	DOWEL	1		
4	101-3374	GEAR (86-TEETH)	1		
5	0S-0509	BOLT (3/8-16X0.75-IN)	2		
6	4N-0342	PLATE	1		

CAT codes: R.

165-6083 COVER GP-CYLINDER BLOCK

165-6083 COVER GP-CYLINDER BLOCK S/N 99C4702-UP PART OF 143-0029 ENGINE AR

Drawing 1 of 1



FRONT VIEW

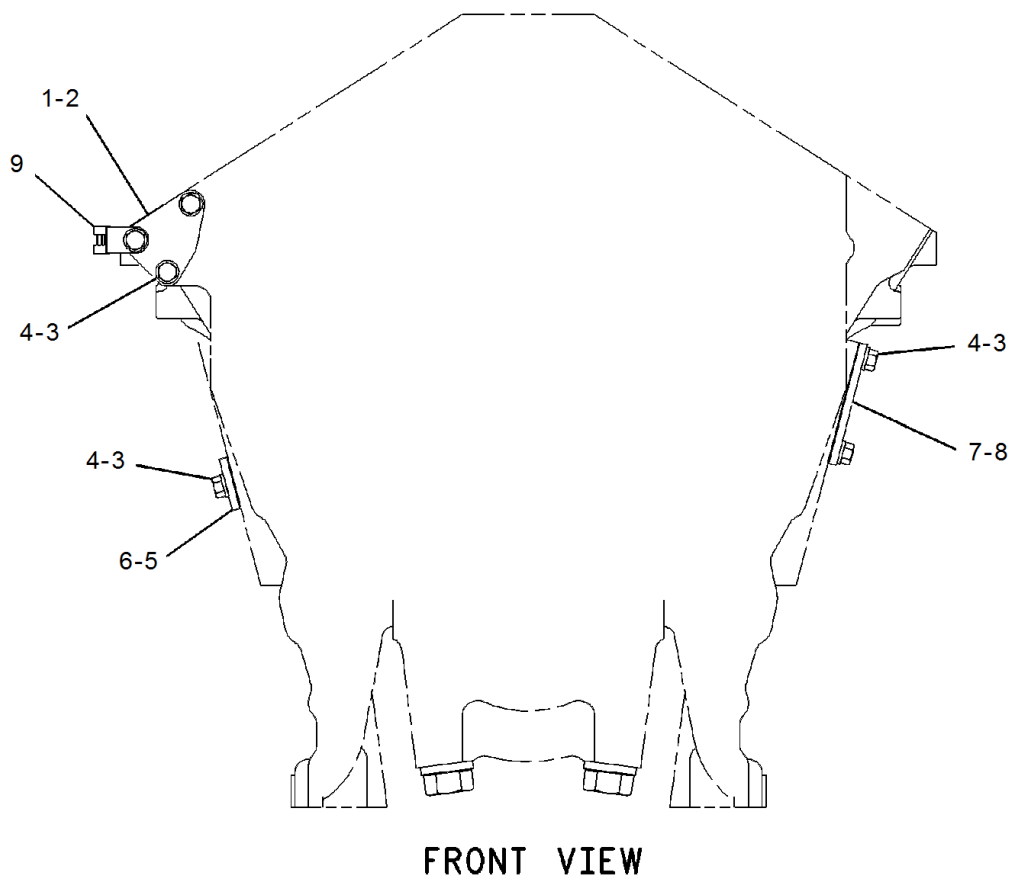
LEFT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	4N-1684	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	9		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	11		
5	234-8937	SEAL-INTEGRAL	1		
6	2P-2772	COVER	1		
7	0L-1351	BOLT (3/8-16X0.875-IN)	2		
8	4N-0864	GASKET	1		
9	4N-1682	COVER	1		
10	4P-8134	CLIP (LADDER)	1		

9N-0452 COVER GP-CYLINDER BLOCK

9N-0452 COVER GP-CYLINDER BLOCK S/N 99C1-4701 PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1



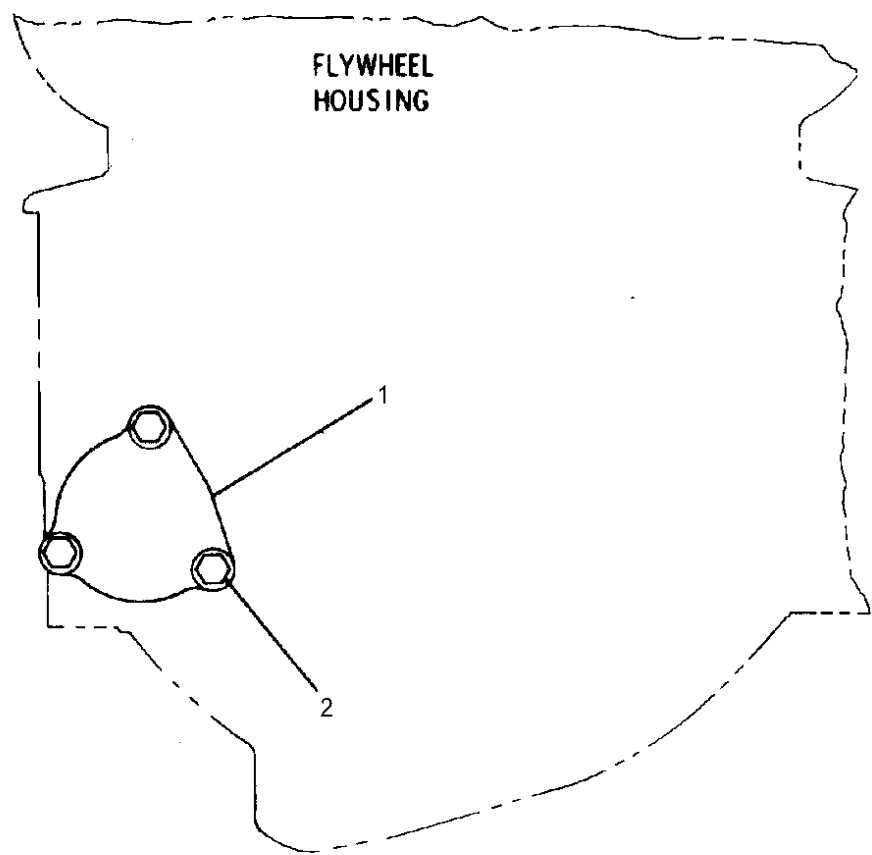
Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	4N-1684	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	11	C	
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	11		
5	2P-2772	COVER	1		
6	234-8937	SEAL-INTEGRAL	1		
7	4N-0864	GASKET	1		
8	4N-1682	COVER	1		
9	4P-8134	CLIP (LADDER)	1		

CAT codes: C.

4N-6876 COVER GP-FLYWHEEL HOUSING

4N-6876 COVER GP-FLYWHEEL HOUSING S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1

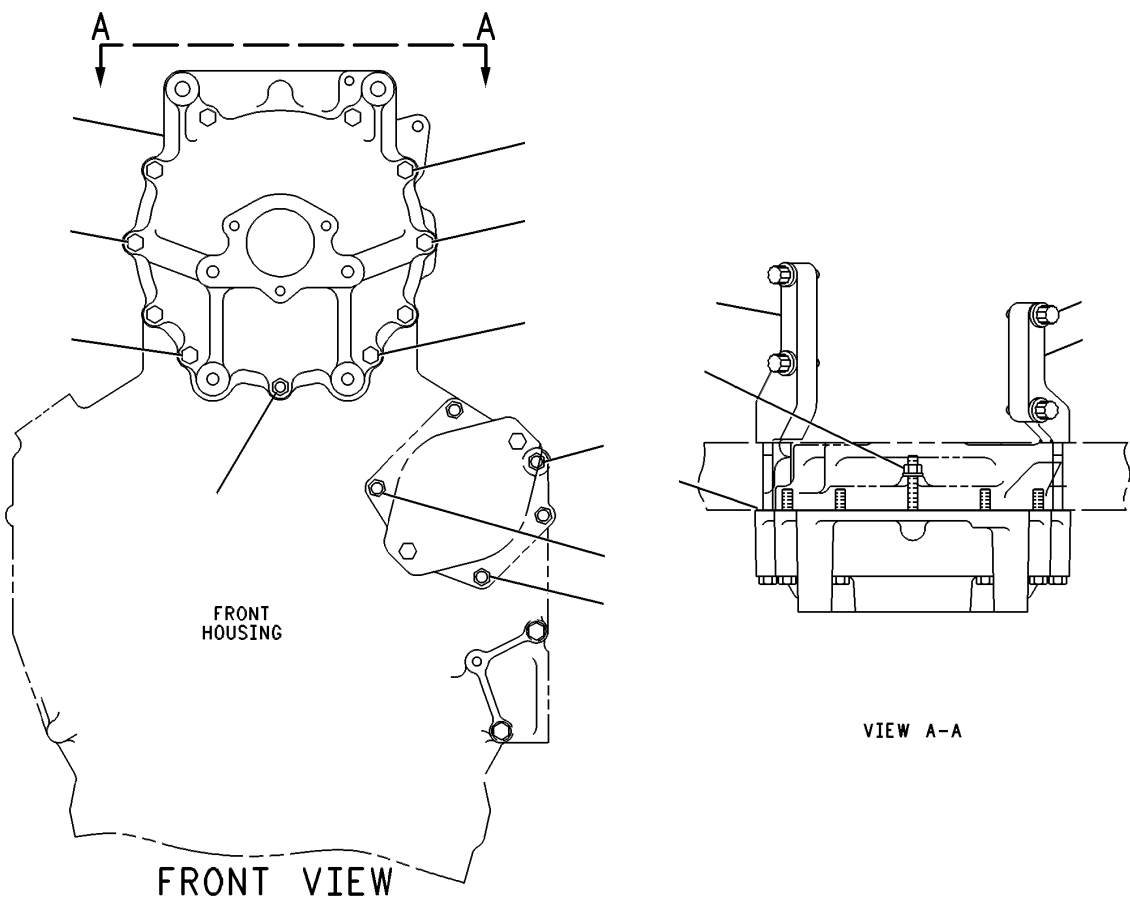


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1114	COVER	1		
	9Y-6089	GASKET	1		
2	0S-1566	BOLT (5/8-11X1.5-IN)	3		
	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	3		

124-4462 COVER GP-FRONT HOUSING

124-4462 COVER GP-FRONT HOUSING S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1

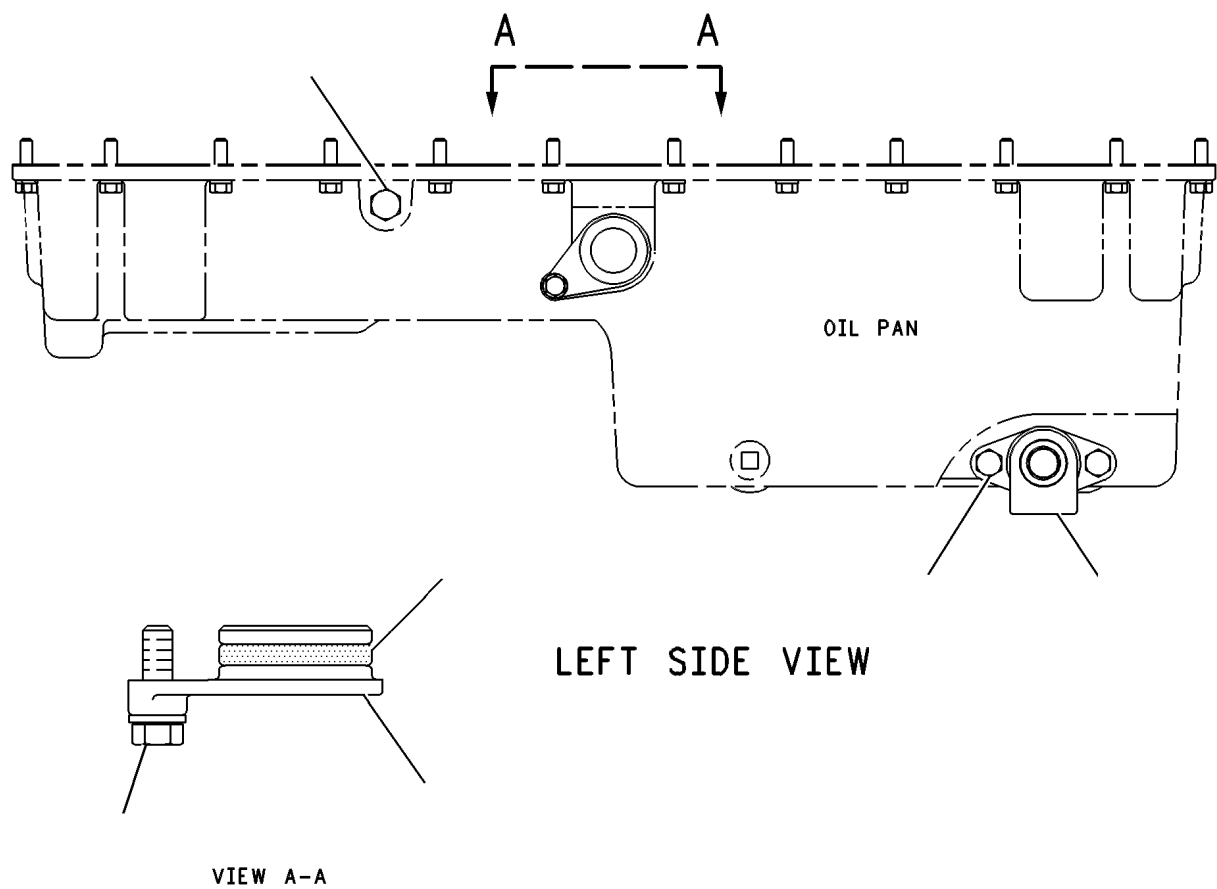


Ref.	Part number	Description	Qty	Code	Group page
1	9N-5576	COVER-FUEL PUMP GEAR	1		
2	193-9155	GASKET (FUEL PUMP GEAR)	1		
3	116-5821	SUPPORT-HOUSING (RH)	1		
4	116-6264	SUPPORT-HOUSING (LH)	1		
5	3S-1307	BOLT-12 POINT HEAD (3/8-16X2-IN)	4		
6	5F-4899	BOLT (3/8-16X5.5-IN)	4		
7	0L-1352	BOLT (3/8-16X3.25-IN)	6		
8	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
9	9S-8752	NUT-FULL (3/8-16-THD)	7		
10	3K-3256	STUD-TAPERLOCK (3/8-16X1.7-IN)	1		
11	2P-1974	STUD-TAPERLOCK (3/8-16X4.2-IN)	3		
12	3B-4589	STUD (3/8-IN NCX3-5/8)	1		
13	3M-0496	STUD-TAPERLOCK (3/8-16X2.6-IN)	1		

127-8942 COVER GP-OIL PAN

127-8942 COVER GP-OIL PAN S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1

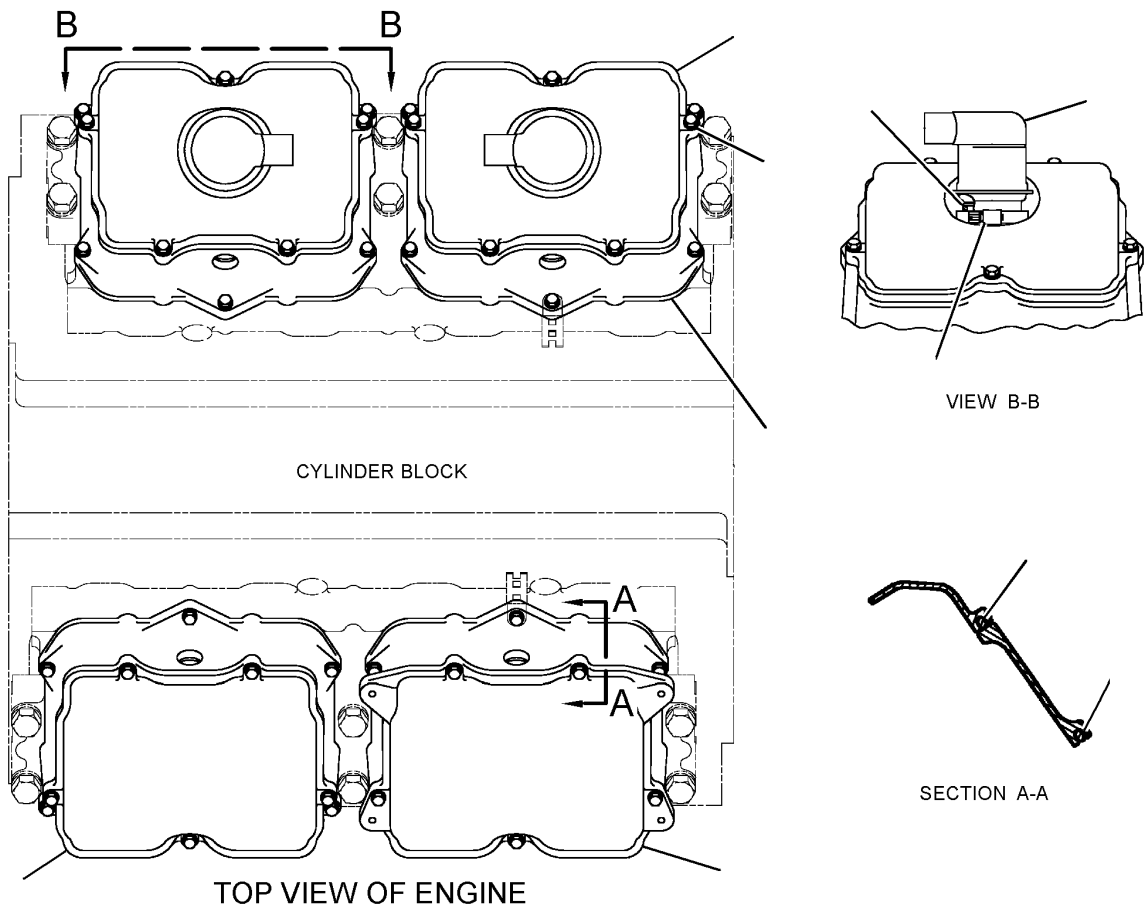


Ref.	Part number	Description	Qty	Code	Group page
1	4P-0519	ADAPTER AS-DRAIN	1		
	109-5839	PLUG-DRAIN (ENGINE OIL PAN)	1		
	109-5840	ADAPTER-PLUG	1		
2	9S-4185	PLUG (3/4-16-THD)	1		
3	379-5053	SEAL-O-RING	1		
4	0S-1587	BOLT (1/2-13X1.75-IN)	2		
5	8L-2786	SEAL-O-RING	1		
6	0S-1588	BOLT (3/8-16X1.25-IN)	1		
7	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
8	4N-9968	PLUG	1		
9	109-0072	SEAL-O-RING	1		

109-9004 COVER GP-VALVE MECHANISM

109-9004 COVER GP-VALVE MECHANISM S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1

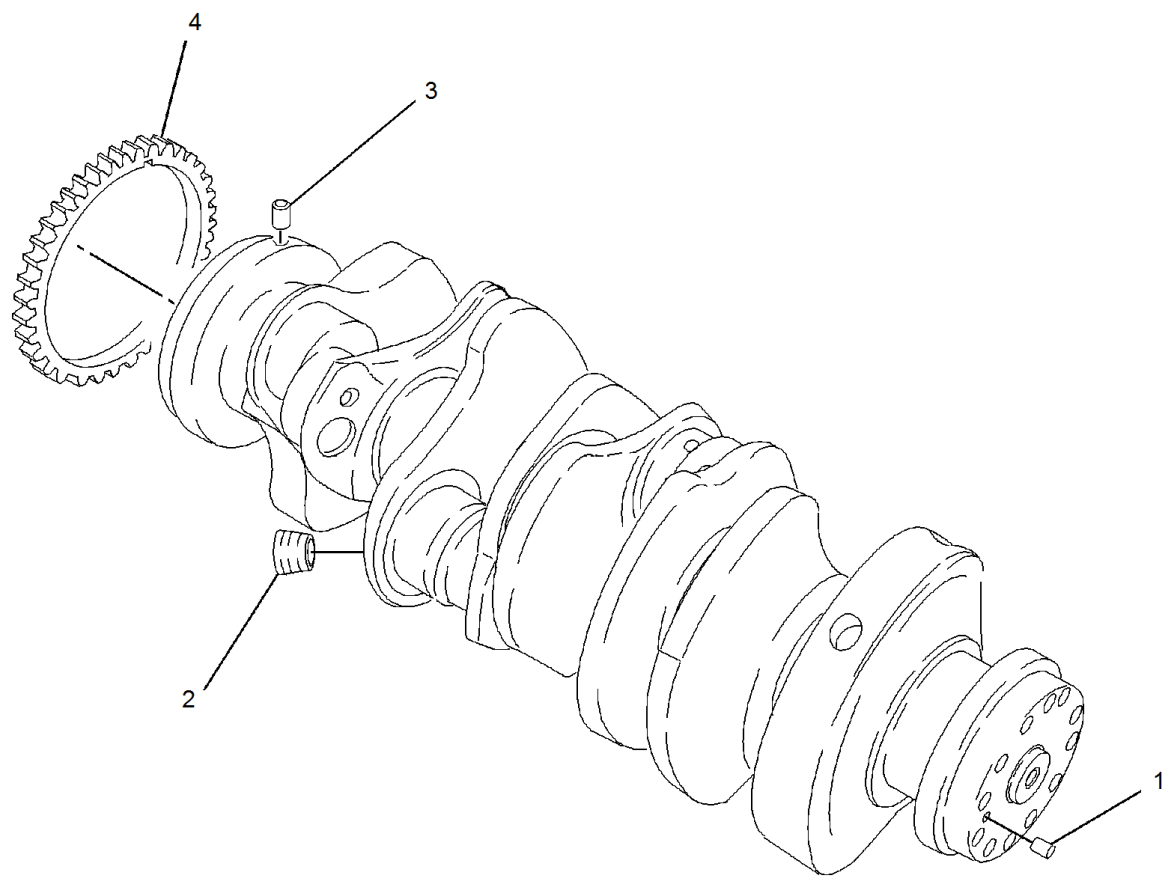


Ref.	Part number	Description	Qty	Code	Group page
1	119-9015	COVER AS-VALVE	1		
(EACH INCLUDES)					
	272-2583	SEAL-O-RING	1		
	7C-6514	ADAPTER	1		
2	114-8684	COVER-VALVE MECHANISM	2		
3	1B-2790	BOLT (5/16-18X1.375-IN)	44		
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	44		
5	106-9488	BASE-VALVE MECHANISM COVER	4		
6	230-0940	SEAL-VALVE COVER	8		
7	4N-4668	BREATHER AS (CRANKCASE)	2		
8	6V-3831	SEAL-O-RING	2		
9	2N-8109	CLAMP	2		
10	191-7782	COVER-VALVE MECHANISM	1		

1W-5009 CRANKSHAFT AS

1W-5009 CRANKSHAFT AS S/N 99C1-UP PART OF 1W-5010 CRANKSHAFT GP

Drawing 1 of 1

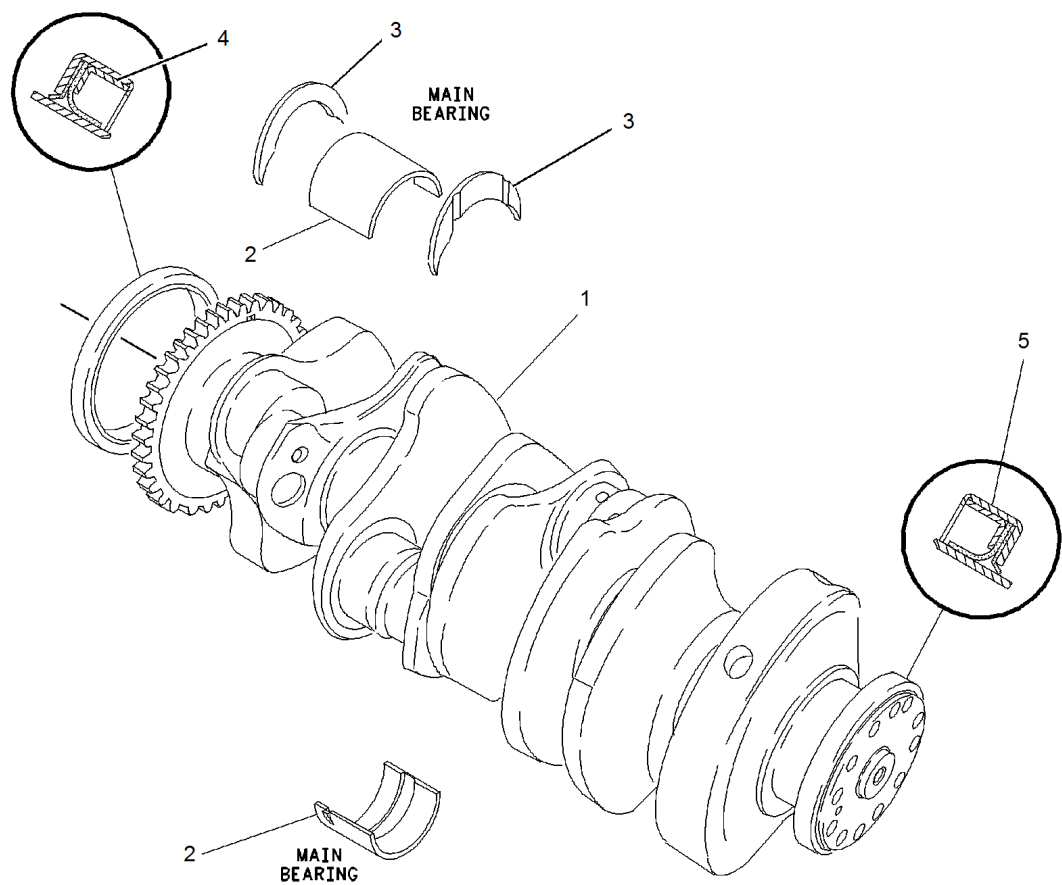


Ref.	Part number	Description	Qty	Code	Group page
1	4N-0684	DOWEL	1		
2	8T-6757	PLUG-PIPE	5		
3	7S-5005	DOWEL	1		
4	7N-7591	GEAR-CRANKSHAFT (80-TEETH)	1		

1W-5010 CRANKSHAFT GP

1W-5010 CRANKSHAFT GP S/N 99C1-UP PART OF 122-1116, 143-0029 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1W-5009	CRANKSHAFT AS	1	Y	
2	317-8766	BEARING-MAIN (STANDARD)	5		
	4W-5698	BEARING-MAIN (0.63-MM US)		AB	
	4W-5699	BEARING-MAIN (1.27-MM US)		AB	
	4W-5700	BEARING-MAIN (0.63-MM OS)		AB	
	4W-5701	BEARING-MAIN (0.63-MM OS, 0.63-MM US)		AB	
3	253-1752	PLATE-THRUST	2	C	
4	319-7401	SEAL GP-CRANKSHAFT (FRONT)	1	Y	
5	319-0785	SEAL GP-CRANKSHAFT (REAR)(FLYWHEEL HOUSING)	1	Y	

CAT codes: A, B, C, R, Y.

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2ZR-SEBP2413

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