

CATERPILLAR 30/30

9XW / KEBP0239

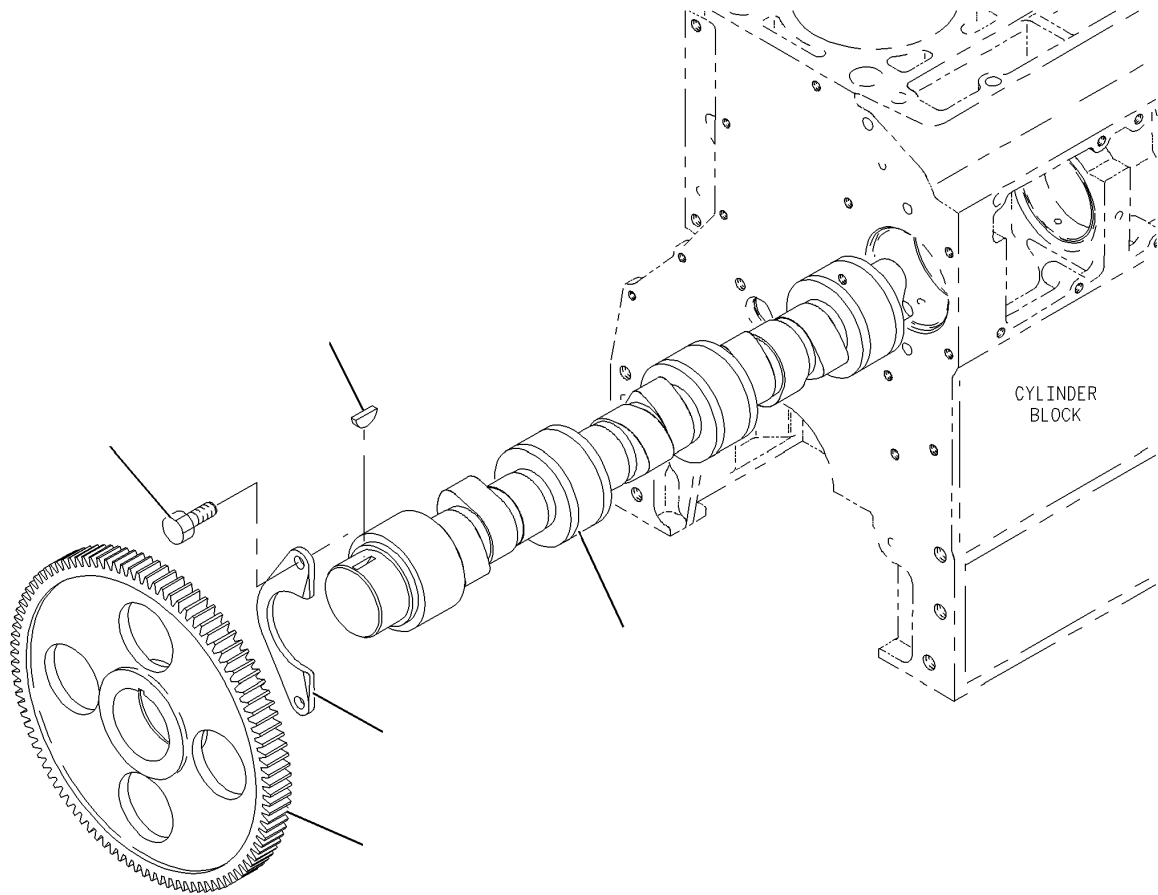
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105-1803 CAMSHAFT GP

105-1803 CAMSHAFT GP S/N 4CW222-UP PART OF 142-0725 ENGINE AR-CORE

Drawing 1 of 1



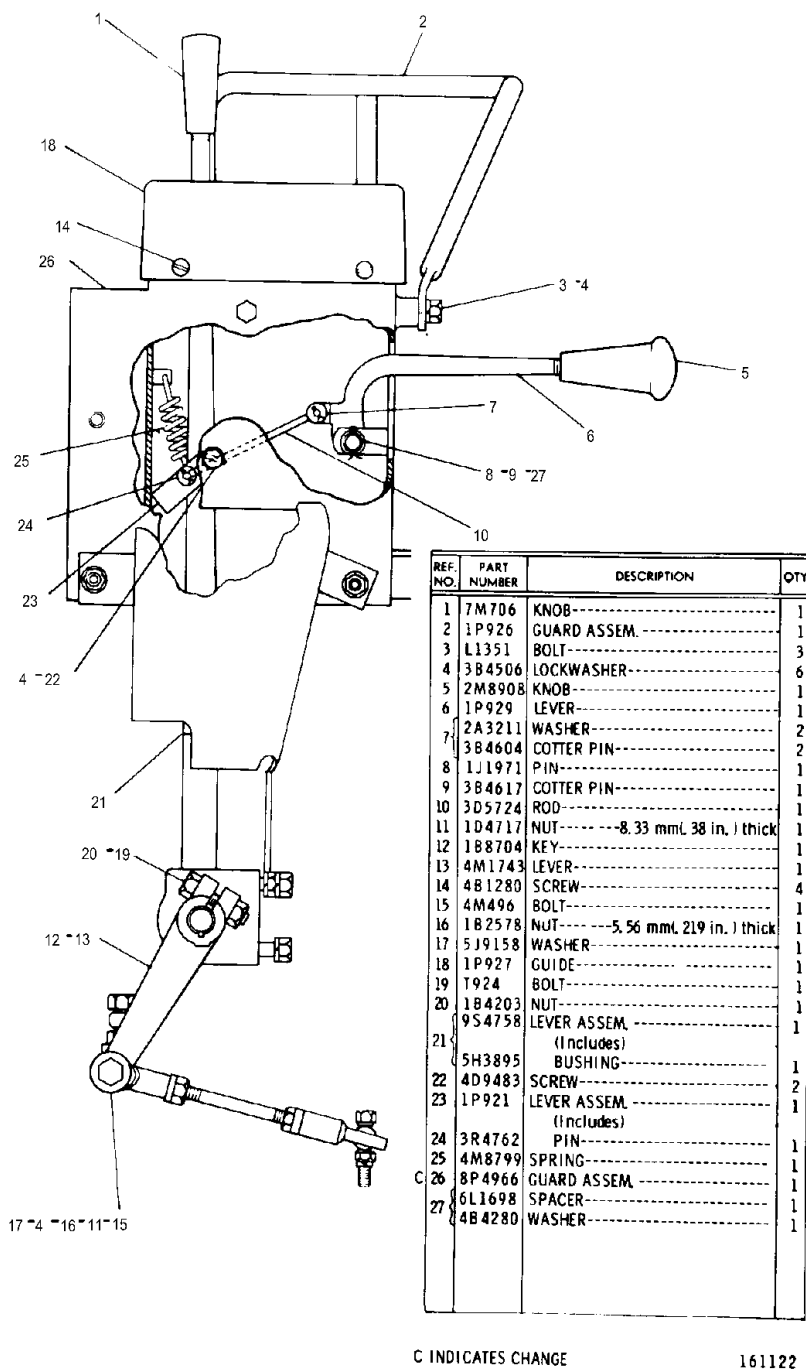
Ref.	Part number	Description	Qty	Code	Group page
1	127-8841	CAMSHAFT AS	1		
1A	1B-8705	KEY-WOODRUFF	1		
1B	107-7809	GEAR-CAMSHAFT (100-TEETH)	1		
2	6V-3940	BOLT (M8X1.25X25-MM)	2	M	
3	107-7694	PLATE-THRUST	1		

CAT codes: M, R.

139-9142 COVER GP-CYLINDER BLOCK

139-9142 COVER GP-CYLINDER BLOCK S/N 4CW222-UP PART OF 128-7367 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1U-8846	SEALANT-GASKET		B	
2	1S-2563	PLUG	4		
3	2W-6544	COVER	1		
4	4P-5918	CLIP	3		
5	4Y-9652	GASKET	3	C	

139-9142 COVER GP-CYLINDER BLOCK (continued)

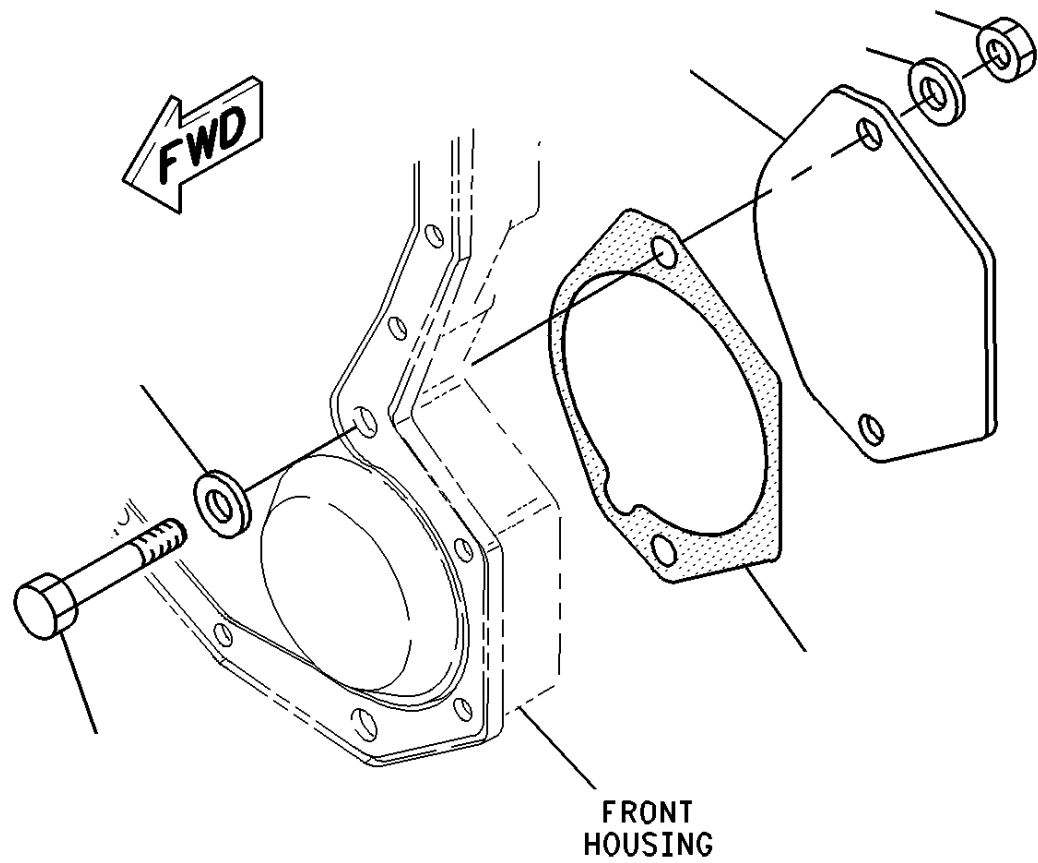
Ref.	Part number	Description	Qty	Code	Group page
6	7C-2177	COVER	1		
7	7W-3872	SLEEVE	6		
8	7W-9395	COVER-SIDE	1		
9	110-7618	BOLT AS	4		
(EACH INCLUDES)					
	6V-5215	BOLT (M8X1.25X16-MM)	1	M	
	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	1		
10	118-4329	MANIFOLD-OIL	1		
11	175-1367	SPACER (8.8X16X10-MM THK)	4		
12	342-4977	COVER-SIDE	2		
13	155-3624	PLUG AS	1		
	9S-4182	PLUG (7/16-20-THD)	1		
	3J-7354	SEAL-O-RING	1		
14	210-3321	STUD (M8X1.25-THD)	1	M	
15	4F-9029	SEAL	1		
16	5C-7261	NUT (M8X1.25-THD)	1	M	
17	6V-2317	BOLT (M8X1.25X30-MM)	23	M	
18	6V-3940	BOLT (M8X1.25X25-MM)	2	M	
19	6V-5219	BOLT (M8X1.25X40-MM)	2	M	
20	7C-0358	GASKET	1		
21	8T-6765	PLUG-PIPE (1/4-18-THD)	5		
22	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	20		

CAT codes: B, C, M.

118-1727 COVER GP-FRONT HOUSING -ACCESSORY DRIVE

118-1727 COVER GP-FRONT HOUSING -ACCESSORY DRIVE S/N 4CW222-UP REQUIRED ON ENGINES WITHOUT FACTORY INSTALLED AIR COMPRESSOR PART OF 128-7367 ENGINE AR

Drawing 1 of 1



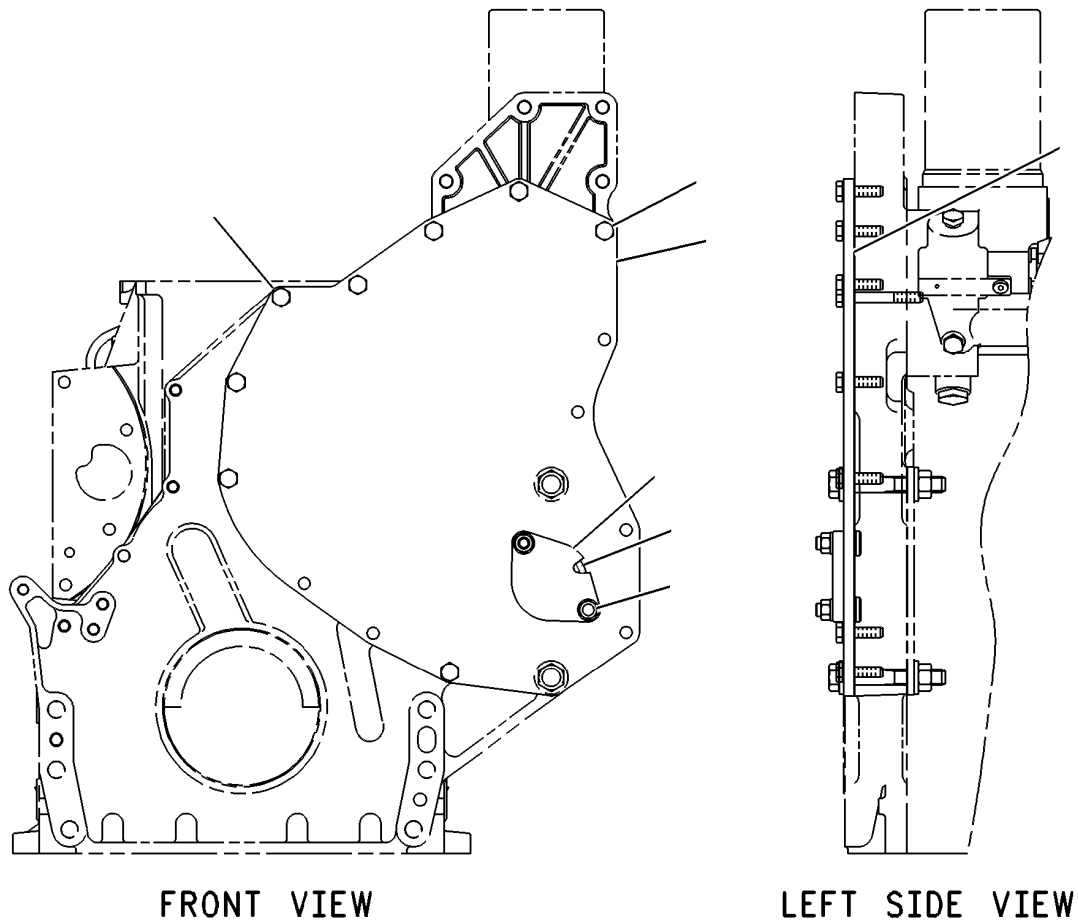
Ref.	Part number	Description	Qty	Code	Group page
1	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
2	6V-5696	BOLT (M12X1.75X80-MM)	2	M	
3	4W-2026	COVER	1		
4	135-9819	SEAL-INTEGRAL	1		
5	6V-8149	NUT (M12X1.75-THD)	2	M	

CAT codes: M.

136-8888 COVER GP-FRONT HOUSING

136-8888 COVER GP-FRONT HOUSING S/N 4CW222-UP PART OF 128-7367 ENGINE AR FOR USE WITH ENGINE WITHOUT FRONT OIL FILL TUBE

Drawing 1 of 1



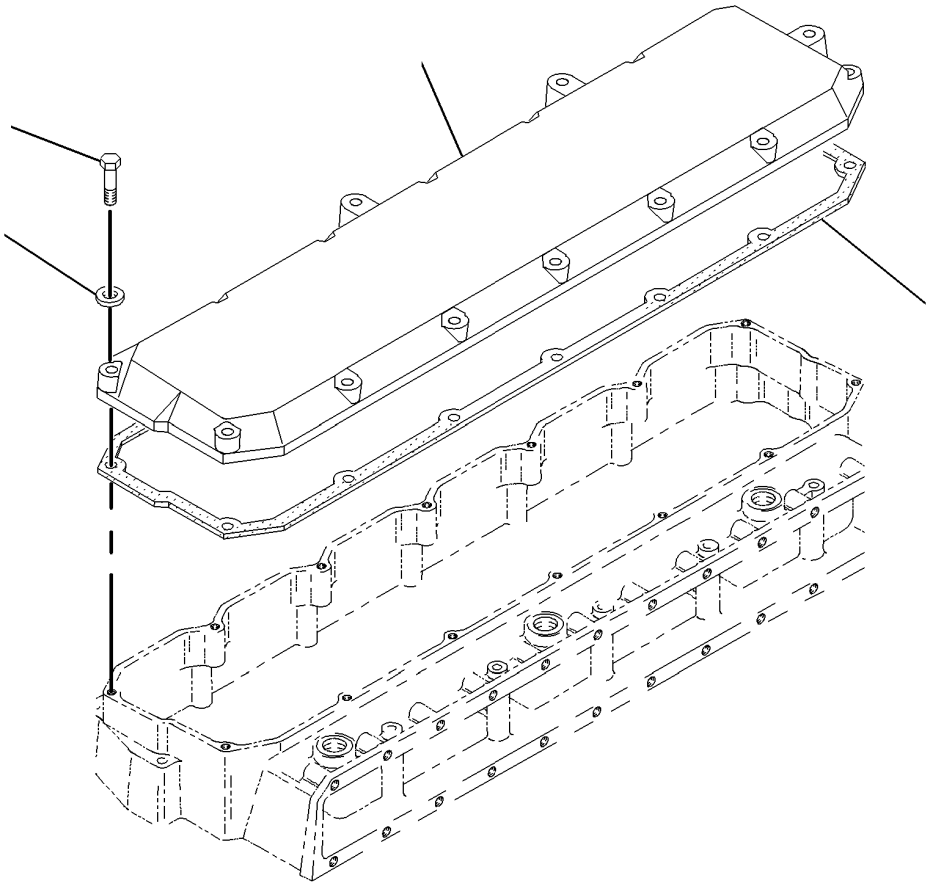
Ref.	Part number	Description	Qty	Code	Group page
1	6V-2317	BOLT (M8X1.25X30-MM)	7	M	
2	136-0823	COVER AS-FRONT	1		
3	8T-0100	BOLT (M8X1.25X60-MM)	1	M	
4	139-3526	GASKET	1		
5	7C-1445	COVER	1		
6	061-9455	SEAL-O-RING	1		
7	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	2		
8	5C-7261	NUT (M8X1.25-THD)	2	M	

CAT codes: M.

100-4943 COVER GP-VALVE MECHANISM

100-4943 COVER GP-VALVE MECHANISM S/N 4CW222-UP PROVIDES CLEARANCE FOR HEUI VALVE MECHANISM AND THREE BOSSES FOR MOUNTING EXTERNAL HARDWARE PART OF 128-7367 ENGINE AR

Drawing 1 of 1



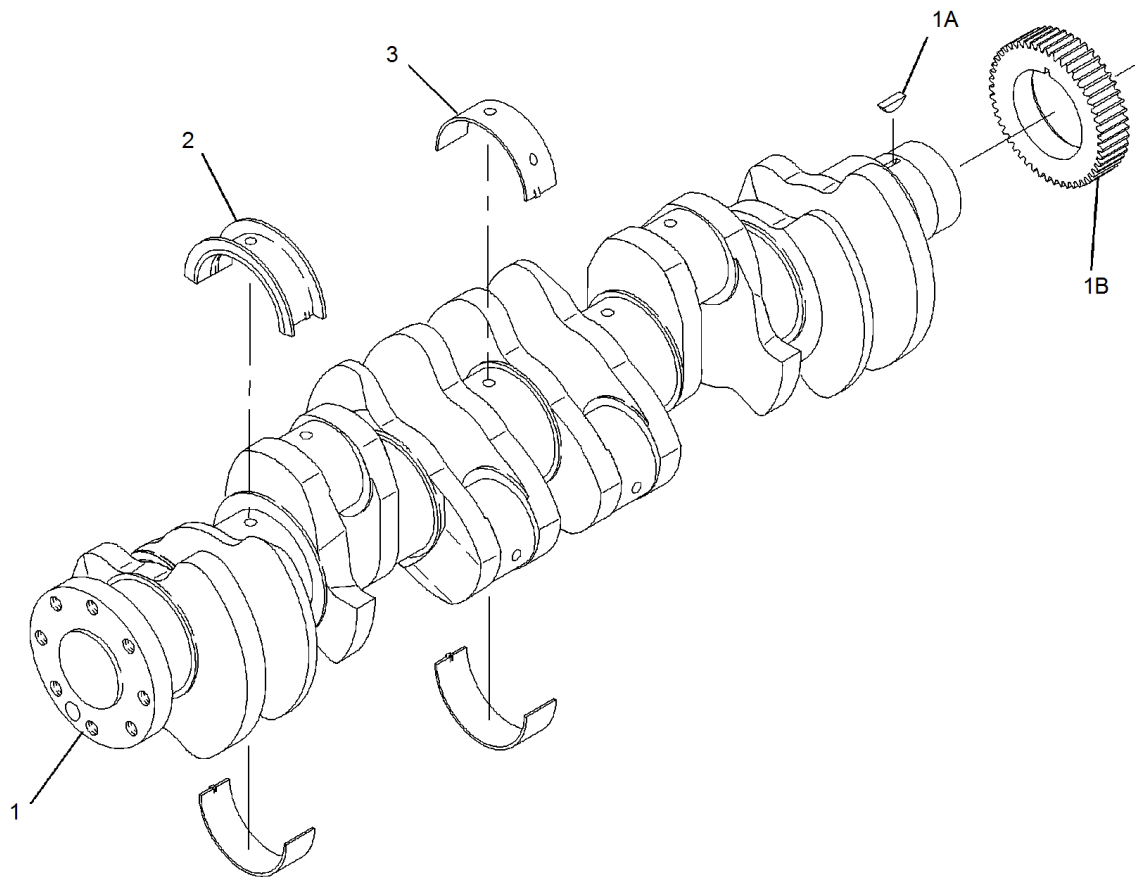
Ref.	Part number	Description	Qty	Code	Group page
1	119-2940	GASKET (VALVE COVER)	1		
2	6V-2315	BOLT (M6X1X35-MM)	14	M	
3	119-2962	COVER	1		
4	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	14		

CAT codes: M.

113-6087 CRANKSHAFT GP

113-6087 CRANKSHAFT GP S/N 4CW222-UP PART OF 142-0725 ENGINE AR-CORE

Drawing 1 of 1



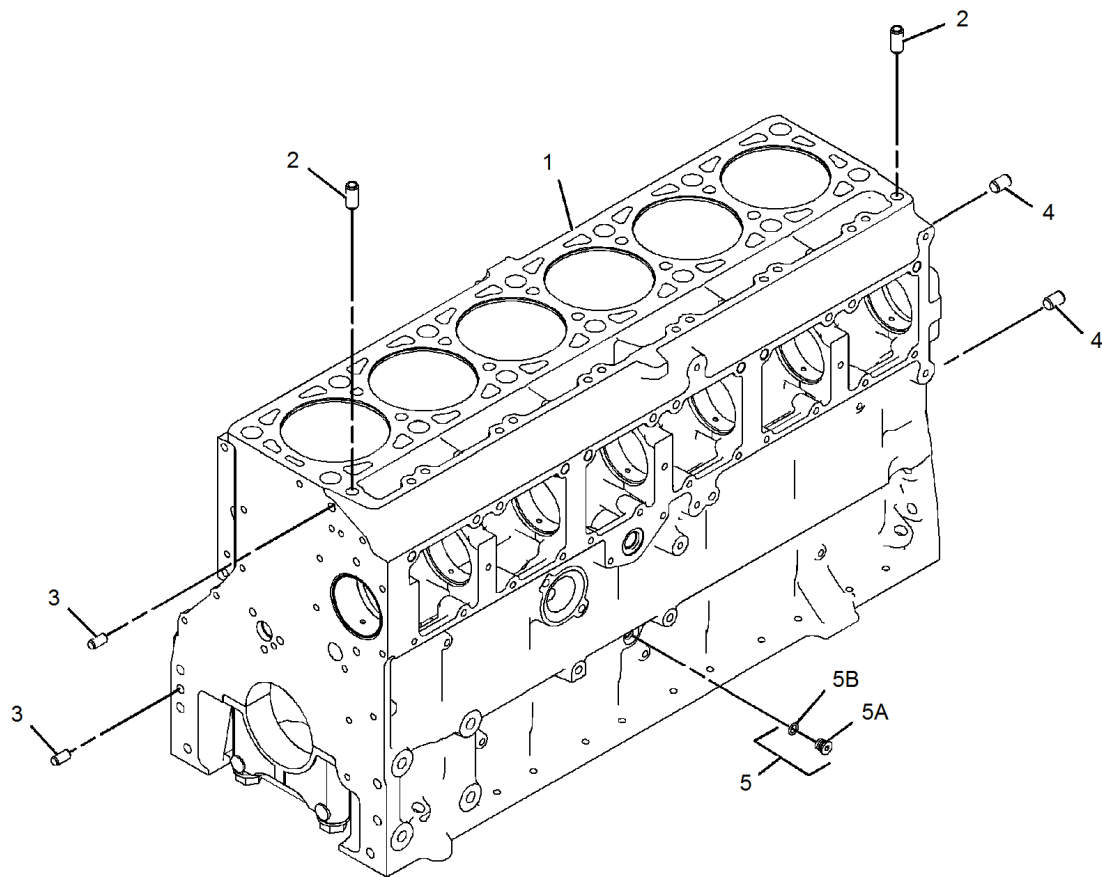
Ref.	Part number	Description	Qty	Code	Group page
1	489-2731	CRANKSHAFT AS	1		
1A	1B-8705	KEY-WOODRUFF	1		
1B	2W-8147	GEAR (50-TEETH)	1		
2	212-4893	BEARING-THRUST (STANDARD)	1		
	229-5153	BEARING-THRUST (0.25-MM US)		AB	
	229-5154	BEARING-THRUST (0.5-MM US)		AB	
	229-5155	BEARING-THRUST (0.5-MM OS)		AB	
	229-5156	BEARING-THRUST (0.5-MM OS, 0.5-MM US)		AB	
3	107-7708	BEARING-MAIN (STANDARD)	6		
	145-0168	BEARING-MAIN (0.5-MM OS)		AB	
	145-0170	BEARING-MAIN (0.5-MM OS, 0.5-MM US)		AB	
	145-0162	BEARING-MAIN (0.25-MM US)		AB	
	145-0164	BEARING-MAIN (0.5-MM US)		AB	

CAT codes: A, B, R.

129-1165 CYLINDER BLOCK GP

129-1165 CYLINDER BLOCK GP S/N 4CW222-UP PART OF 142-0725 ENGINE AR-CORE

Drawing 1 of 1



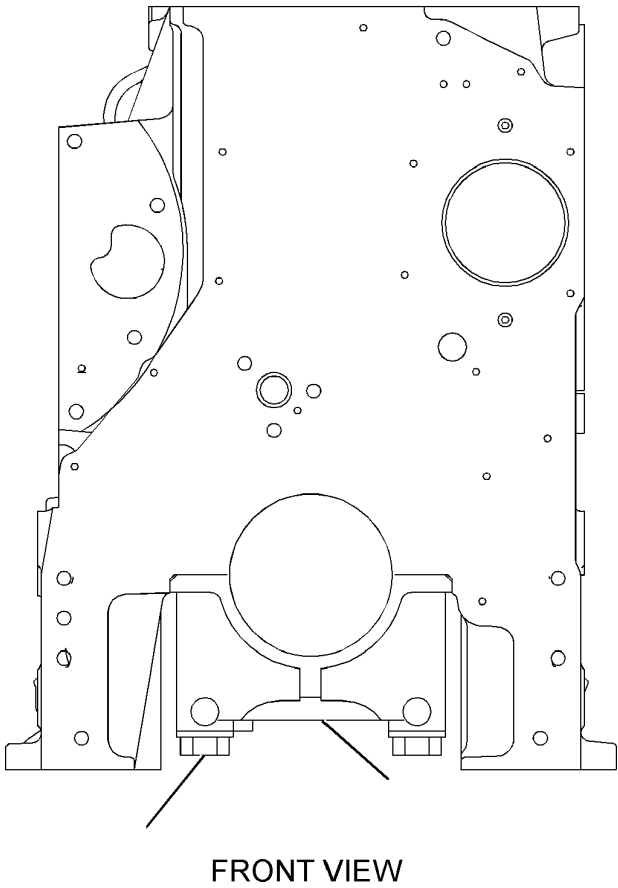
Ref.	Part number	Description	Qty	Code	Group page
1	305-8141	CYLINDER BLOCK GP	1	Y	
2	1W-8407	SLEEVE	2		
3	6V-3538	DOWEL	2		
4	7N-5683	DOWEL	2		
5	396-0393	PLUG AS	1		
5A	360-3677	PLUG (7/16-20-THD)	1		
5B	214-7566	SEAL-O-RING	1		

CAT codes: R, Y.

263-3774 CYLINDER BLOCK GP

263-3774 CYLINDER BLOCK GP S/N 4CW222-UP PART OF 305-8141 CYLINDER BLOCK GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7E-2968	CAP-CRANKSHAFT BEARING	7		
2	9X-8916	BOLT (M16X2X140-MM)	14	M	
3	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	14		

CAT codes: M.

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