

CATERPILLAR 330C FM

B2L / SEBP3589

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164-6100 CAMSHAFT GP

164-6100 CAMSHAFT GP S/N 4ZF2708-UP; 7AZ1-UP PART OF 187-0471, 388-5610 ENGINE AR-CORE

Drawing 1 of 1



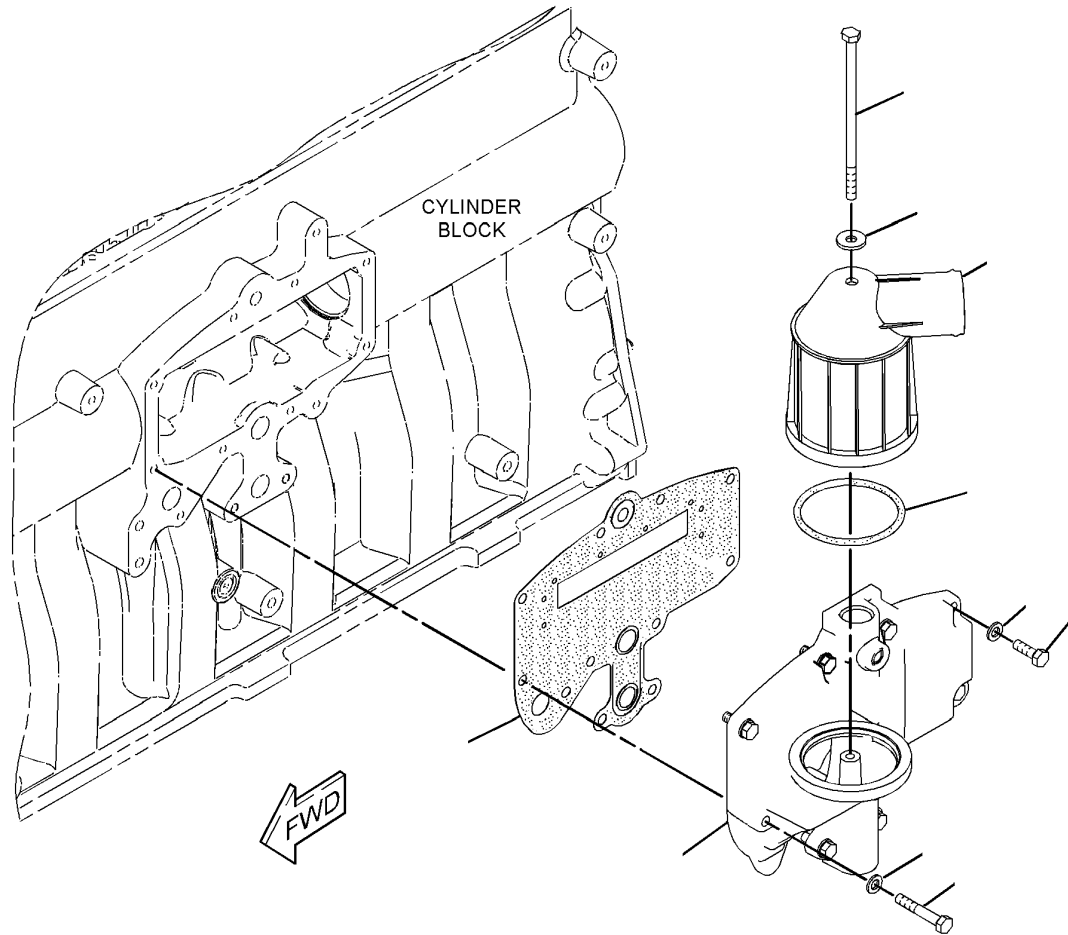
Ref.	Part number	Description	Qty	Code	Group page
1	107-7694	PLATE-THRUST	1		
2	216-9782	CAMSHAFT AS	1	C	
2A	1B-8705	KEY-WOODRUFF	1		
2B	205-1322	GEAR-CAMSHAFT (100-TEETH)	1		
3	6V-3940	BOLT (M8X1.25X25-MM)	2	M	

CAT codes: C, M, R.

202-3301 COVER GP-CYLINDER BLOCK -CRANKCASE

202-3301 COVER GP-CYLINDER BLOCK -CRANKCASE S/N 4ZF2708-UP; 7AZ1-UP PART OF 208-3027 ENGINE AR

Drawing 1 of 1



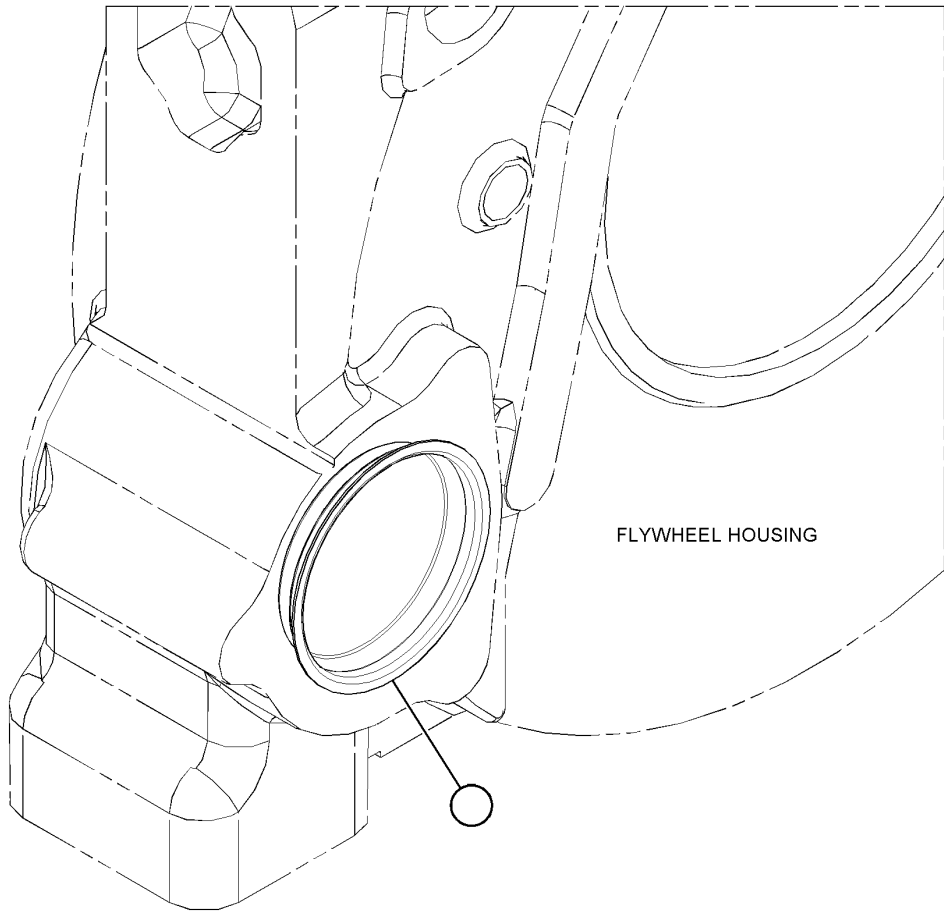
Ref.	Part number	Description	Qty	Code	Group page
1	213-2411	COVER	1		
2	213-2410	GASKET	1		
3	240-0041	BREATHER AS (CRANKCASE)	1		
4	3E-8005	BOLT (M8X1.25X160-MM)	1	M	
5	6V-3918	BOLT (M8X1.25X50-MM)	2	M	
6	6V-3940	BOLT (M8X1.25X25-MM)	9	M	
7	9F-4446	SEAL-O-RING (CRANKCASE BREATHER)	1		
8	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	11		
9	5N-4185	WASHER-SPECIAL	1		

CAT codes: M.

127-5728 COVER GP-FLYWHEEL HOUSING

127-5728 COVER GP-FLYWHEEL HOUSING S/N 4ZF2708-UP; 7AZ1-UP PART OF 208-3027 ENGINE AR

Drawing 1 of 1

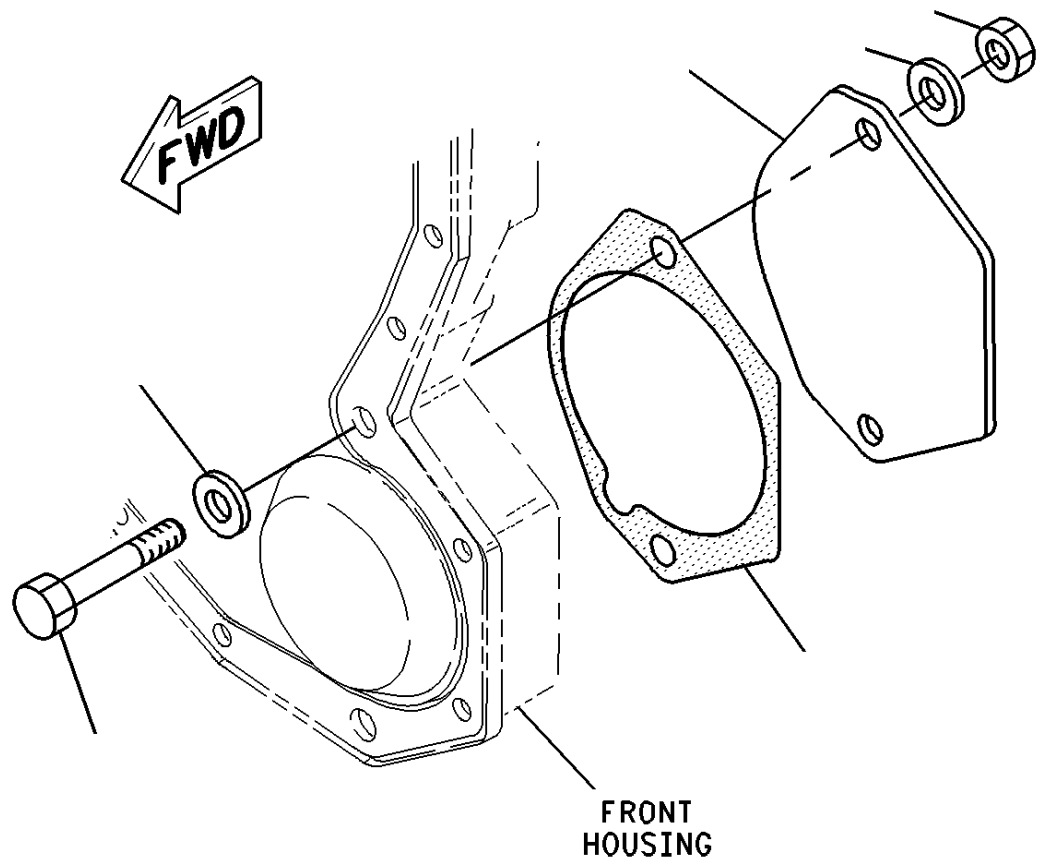


Ref.	Part number	Description	Qty	Code	Group page
1	483-0773	COVER	1		

118-1727 COVER GP-FRONT HOUSING -ACCESSORY DRIVE

118-1727 COVER GP-FRONT HOUSING -ACCESSORY DRIVE S/N 4ZF2708-UP; 7AZ1-UP REQUIRED ON ENGINES WITHOUT FACTORY INSTALLED AIR COMPRESSOR PART OF 208-3027 ENGINE AR

Drawing 1 of 1



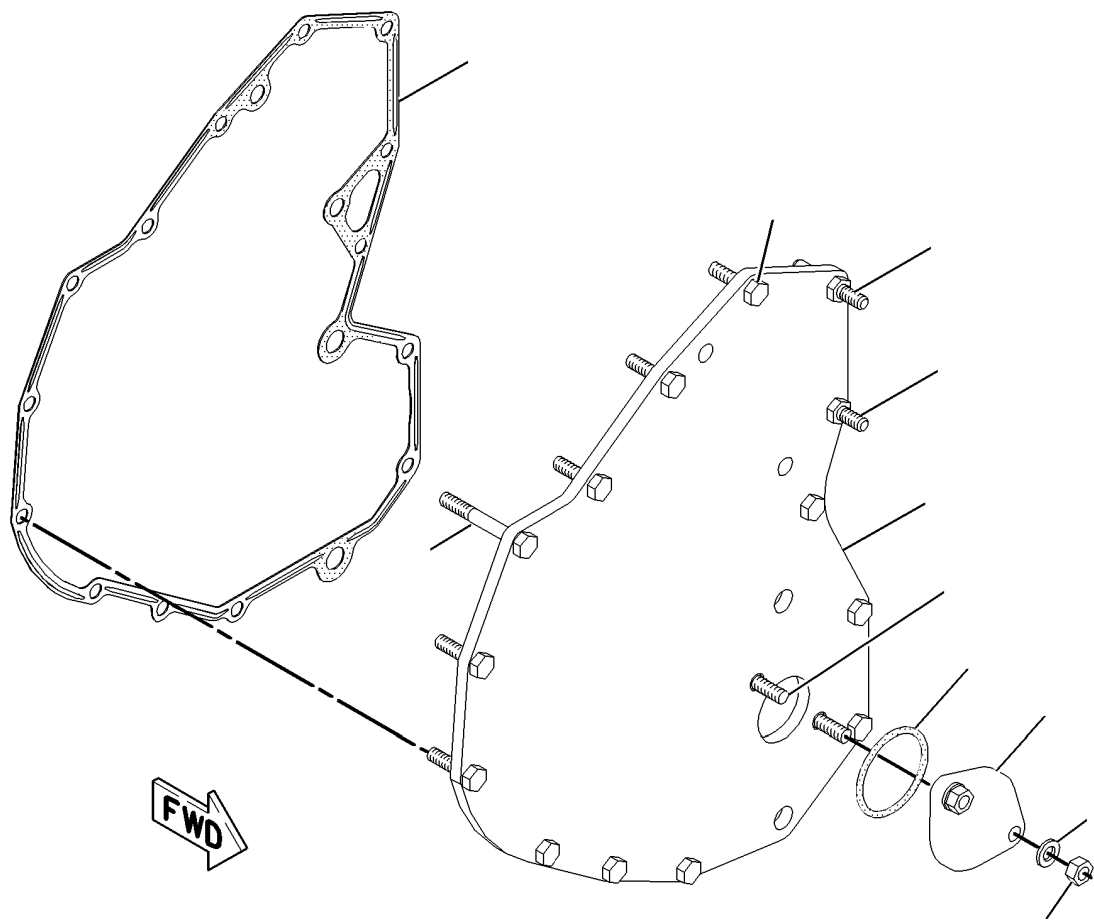
Ref.	Part number	Description	Qty	Code	Group page
1	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
2	6V-5696	BOLT (M12X1.75X80-MM)	2	M	
3	4W-2026	COVER	1		
4	135-9819	SEAL-INTEGRAL	1		
5	6V-8149	NUT (M12X1.75-THD)	2	M	

CAT codes: M.

211-3285 COVER GP-FRONT HOUSING

211-3285 COVER GP-FRONT HOUSING S/N 4ZF2708-UP; 7AZ1-UP PART OF 208-3027 ENGINE AR

Drawing 1 of 1



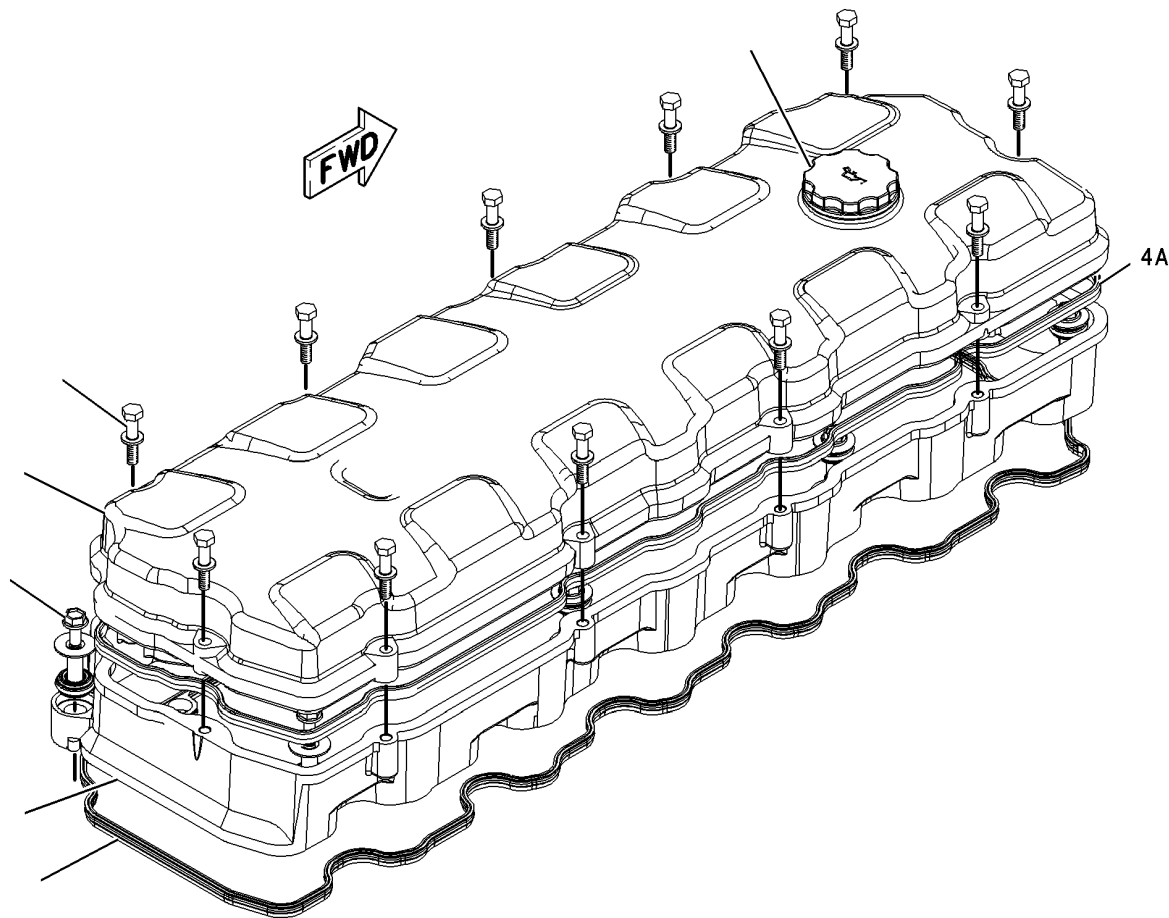
Ref.	Part number	Description	Qty	Code	Group page
1	9X-2099	STUD (M8X1.25X52.75-MM)	2	M	
2	7C-1445	COVER	1		
3	166-1776	COVER AS-FRONT	1		
3A	126-1757	WASHER (10.85X19.3X1.27-MM THK)	2		
3B	136-0822	STUD	2		
4	166-1781	GASKET	1		
5	061-9455	SEAL-O-RING	1		
6	5C-7261	NUT (M8X1.25-THD)	2	M	
7	6V-2317	BOLT (M8X1.25X30-MM)	10	M	
8	8T-0100	BOLT (M8X1.25X60-MM)	2	M	
9	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	2		

CAT codes: M.

164-6490 COVER GP-VALVE MECHANISM

164-6490 COVER GP-VALVE MECHANISM S/N 4ZF2708-23503 PROVIDES FRONT OIL FILL ON TOP OF COVER AND THREADED OIL FILLER CAP PART OF 208-3027 ENGINE AR

Drawing 1 of 1



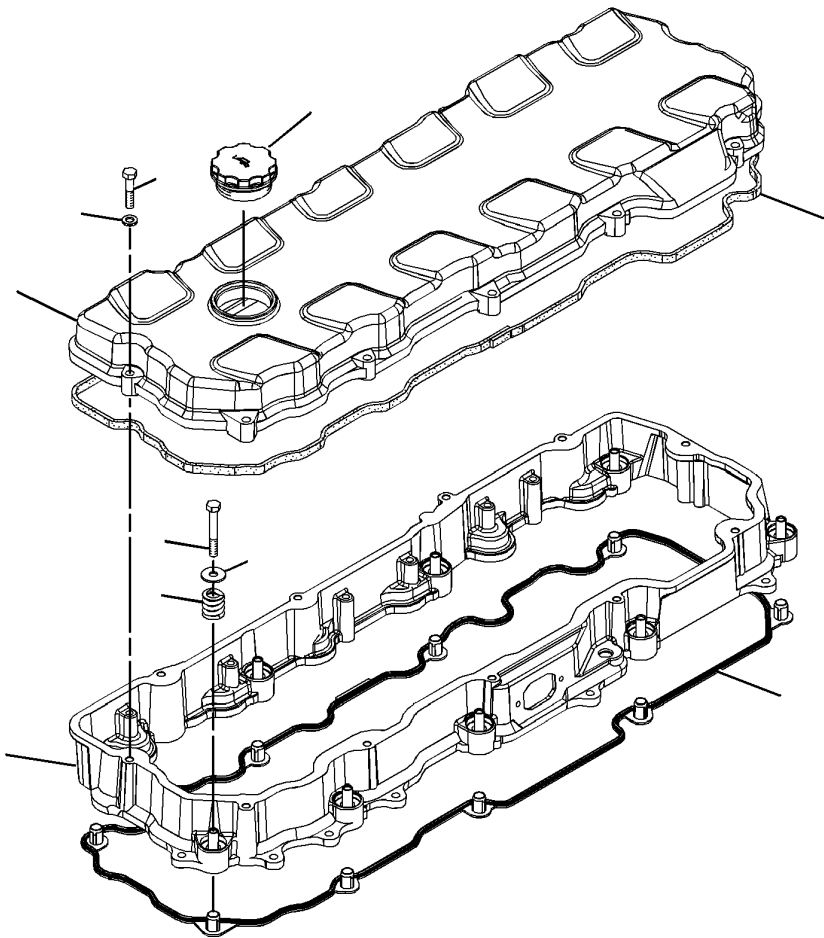
Ref.	Part number	Description	Qty	Code	Group page
1	227-4531	CAP AS-ENGINE OIL FILLER	1		
	7F-8268	SEAL-O-RING	1		
2	208-0039	FASTENER AS	9		
(DISCONTINUED, REFER TO BASE FOR NECESSARY PARTS)					
3	218-0397	COVER AS-BASE	1		
3A	217-5701	SEAL-BULK (23-DM)(VALVE MECHANISM BASE)		J	
4	230-6156	COVER GP	1		
4A	5P-5678	SEAL (2.3-M) (VALVE MECHANISM COVER)		D	
6	6V-5219	BOLT (M8X1.25X40-MM)	11	M	
7	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	11		

CAT codes: D, J, M.

164-6490 COVER GP-VALVE MECHANISM

164-6490 COVER GP-VALVE MECHANISM S/N 4ZF23504-25257 PROVIDES FRONT OIL FILL ON TOP OF COVER AND THREADED OIL FILLER CAP PART OF 208-3027 ENGINE AR

Drawing 1 of 1



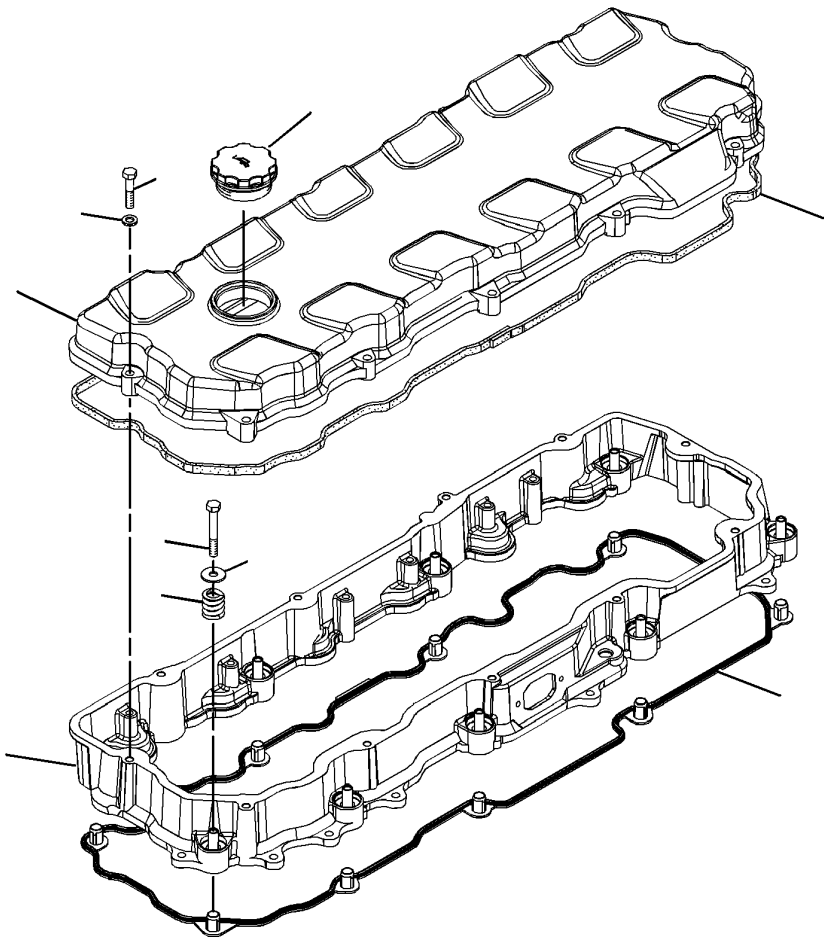
Ref.	Part number	Description	Qty	Code	Group page
1	227-4531	CAP AS-ENGINE OIL FILLER	1		
	7F-8268	SEAL-O-RING	1		
2	244-4500	SPRING	9	C	
3	248-5719	COVER GP-VALVE MECHANISM	1	C	
3A	5P-5678	SEAL (2.3-M)		D	
4	271-2418	BASE GP-VALVE COVER	1	C	
4A	268-3490	SEAL-VALVE COVER	1		
5	6V-5219	BOLT (M8X1.25X40-MM)	11	M	
6	8T-0100	BOLT (M8X1.25X60-MM)	9	CM	
7	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	11		
8	9N-0869	WASHER-HARD (8.8X25.5X2-MM THK)	9	C	

CAT codes: C, D, M.

164-6490 COVER GP-VALVE MECHANISM

164-6490 COVER GP-VALVE MECHANISM S/N 4ZF25258-UP; 7AZ1-UP PROVIDES FRONT OIL FILL ON TOP OF COVER AND THREADED OIL FILLER CAP PART OF 208-3027 ENGINE AR

Drawing 1 of 1



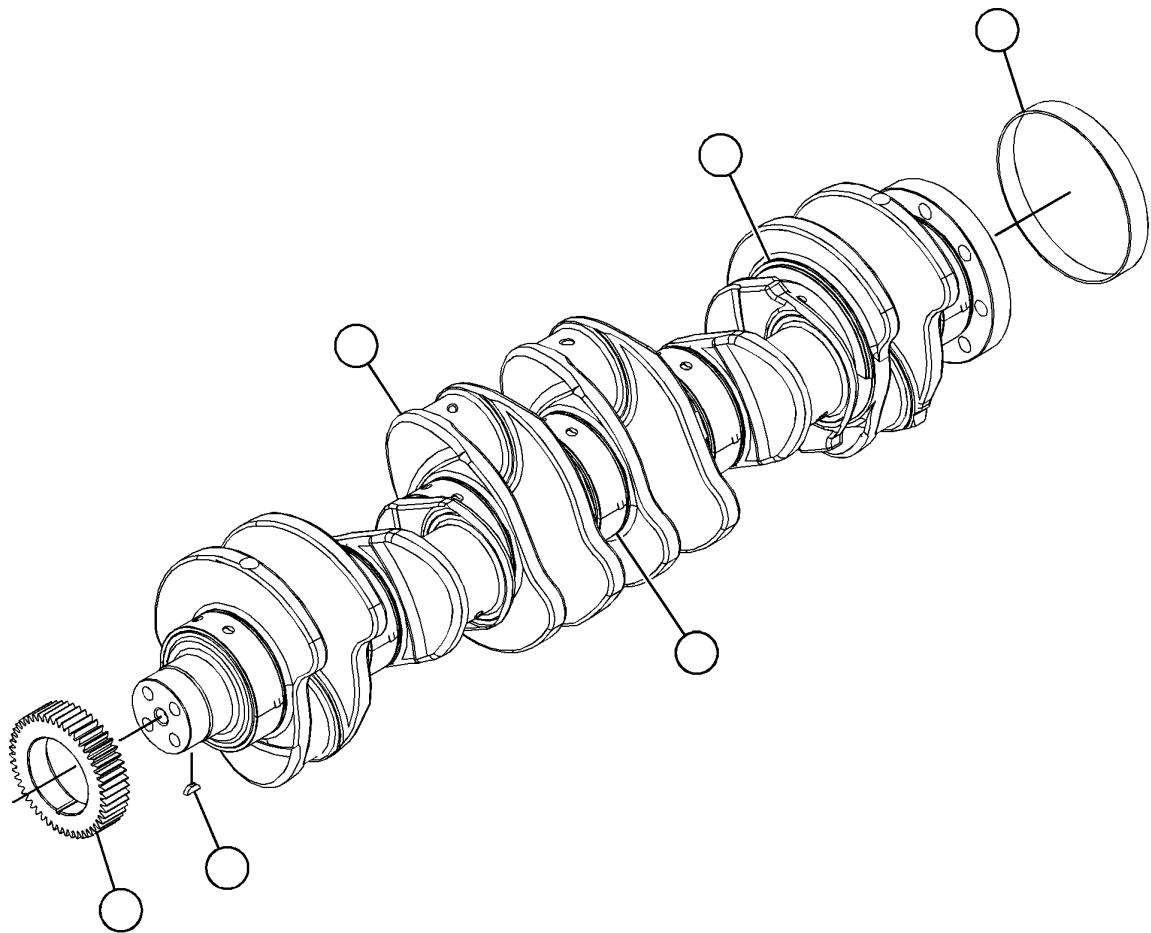
Ref.	Part number	Description	Qty	Code	Group page
1	227-4531	CAP AS-ENGINE OIL FILLER	1		
	7F-8268	SEAL-O-RING	1		
2	244-4500	SPRING	9		
3	295-7559	COVER GP-VALVE MECHANISM	1	C	
3A	285-4106	SEAL-VALVE COVER	1		
4	353-6988	BASE GP-VALVE COVER	1		
4A	268-3490	SEAL-VALVE COVER	1		
5	6V-5219	BOLT (M8X1.25X40-MM)	11	M	
6	8T-0100	BOLT (M8X1.25X60-MM)	9	M	
7	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	11		
8	9N-0869	WASHER-HARD (8.8X25.5X2-MM THK)	9		

CAT codes: C, M.

164-6148 CRANKSHAFT GP

164-6148 CRANKSHAFT GP S/N 4ZF2708-UP; 7AZ1-UP PART OF 187-0471, 388-5610 ENGINE AR-CORE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	151-2939	BEARING-MAIN (STANDARD)	7	J	
	282-1771	BEARING-MAIN (0.25-MM US)	7	AB	
	282-1772	BEARING-MAIN (0.51-MM US)	7	AB	
2	261-1544	CRANKSHAFT AS	1		
2A	1B-8705	KEY-WOODRUFF	1		
2B	2W-8147	GEAR (50-TEETH)	1		
2C	9Y-0810	SLEEVE-WEAR	1		
3	246-3150	PLATE-THRUST	2	J	
AVAILABLE REPAIR KIT(S):					
	243-6716	KIT-BEARING (STANDARD)		AJ	
(INCLUDES A COMPLETE SET OF MAIN BEARINGS & THRUST PLATES)					

CAT codes: A, B, J, R.

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