

CATERPILLAR G3412

7DB / SEBP1493

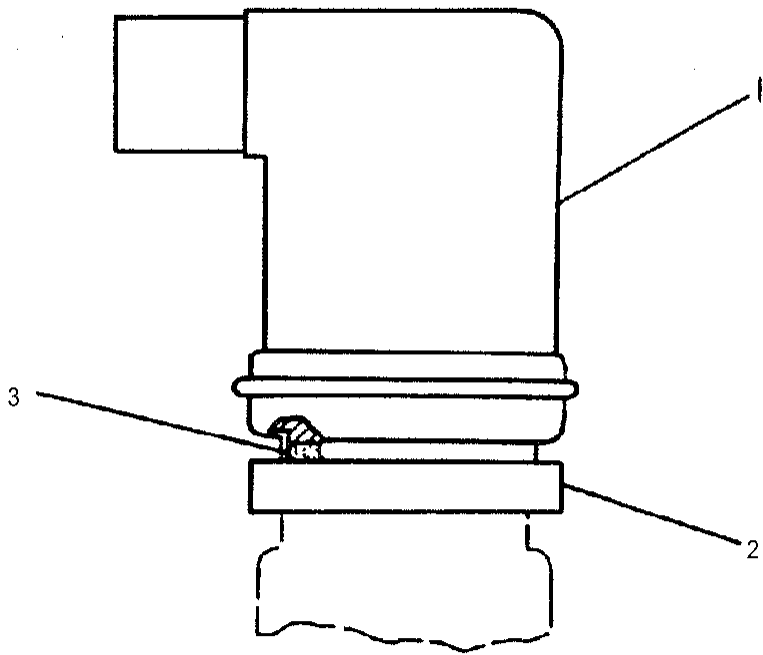
Contents

Section	Page
Lubrication system	2
Cooling system	
Air inlet and exhaust	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Basic engine	
Power train	
Electrical and electronics	
Basic engine	

2N-8220 BREATHER GP -CRANKCASE

2N-8220 BREATHER GP -CRANKCASE S/N 7DB1-526 FOR USE WITH FUMES DISPOSAL GROUPS

Drawing 1 of 1

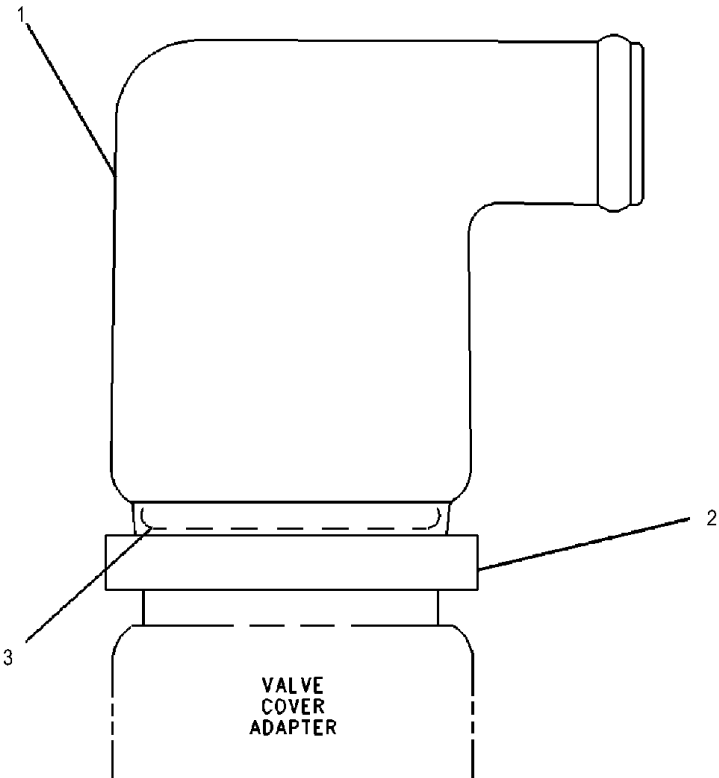


Ref.	Part number	Description	Qty	Code	Group page
1	4N-4668	BREATHER AS (CRANKCASE)	1		
2	2N-8109	CLAMP	1		
3	4F-7390	SEAL-O-RING	1		

2N-8220 BREATHER GP -CRANKCASE

2N-8220 BREATHER GP -CRANKCASE S/N 7DB527-UP FOR USE WITH FUMES DISPOSAL GROUPS

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9Y-2988	BREATHER AS (CRANKCASE)	1	C	
2	2N-8109	CLAMP	1		
3	6V-3831	SEAL-O-RING	1		

CAT codes: C.

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE S/N 7DB1-UP

Drawing 1 of 1

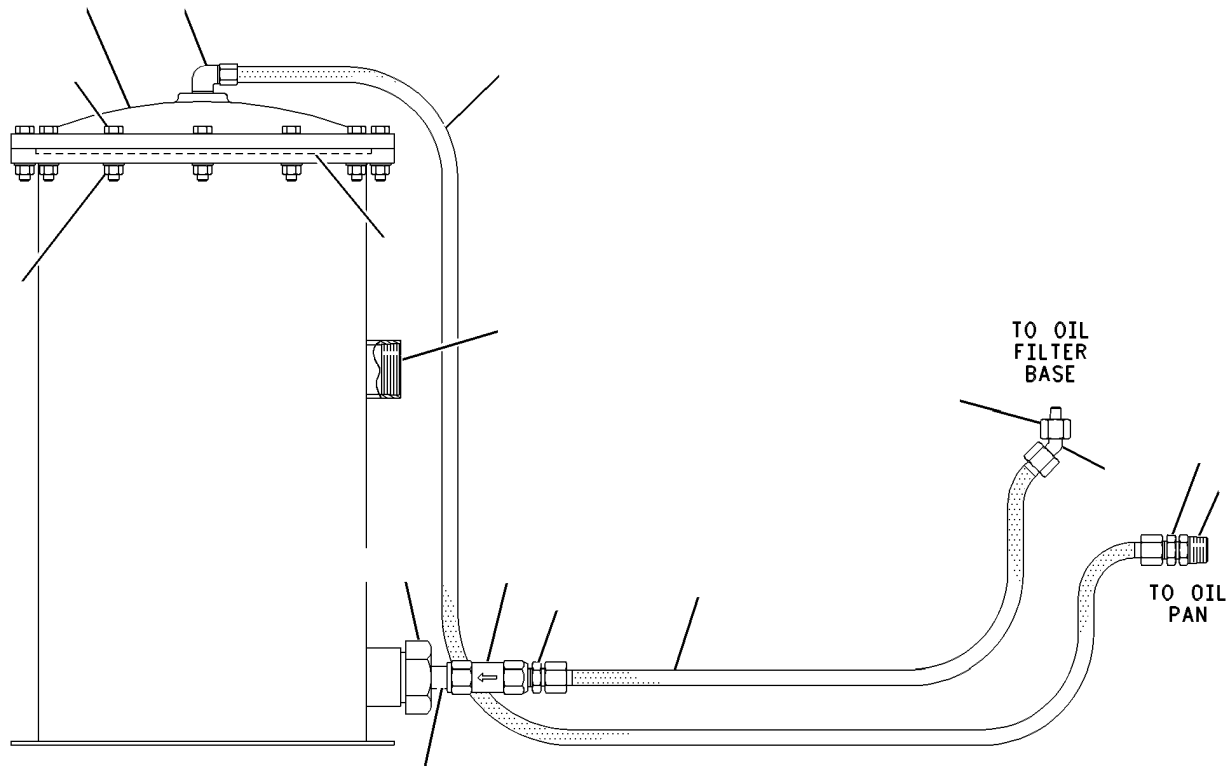


Ref.	Part number	Description	Qty	Code	Group page
1	0L-1143	BOLT (3/8-16X2.5-IN)	2		
2	0S-1590	BOLT (3/8-16X2-IN)	1		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		

164-5682 FILTER GP-ENGINE OIL

164-5682 FILTER GP-ENGINE OIL S/N 7DB1-UP AN ATTACHMENT

Drawing 1 of 1



RIGHT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	108-7978	FILTER AS-BYPASS	1		
1A	0S-0484	BOLT (1/2-20X2.25-IN)	12		
1B	108-7987	SEAL-O-RING	1		
1C	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	12		
1D	6B-6684	NUT-FULL (1/2-20-THD)	12		
1E	4P-5394	ORIFICE AS	1		
1F	7E-5719	FITTING	1		
1G	110-3280	VALVE AS-CHECK	1		
2	061-6717	ELBOW-FLARED	1		
3	9X-6138	PLUG-PIPE	1		
4	4L-7412	ADAPTER (PIPE)	1		
5	9L-5254	ELBOW	1		
6	8P-9872	HOSE AS	1	I	

164-5682 FILTER GP-ENGINE OIL (continued)

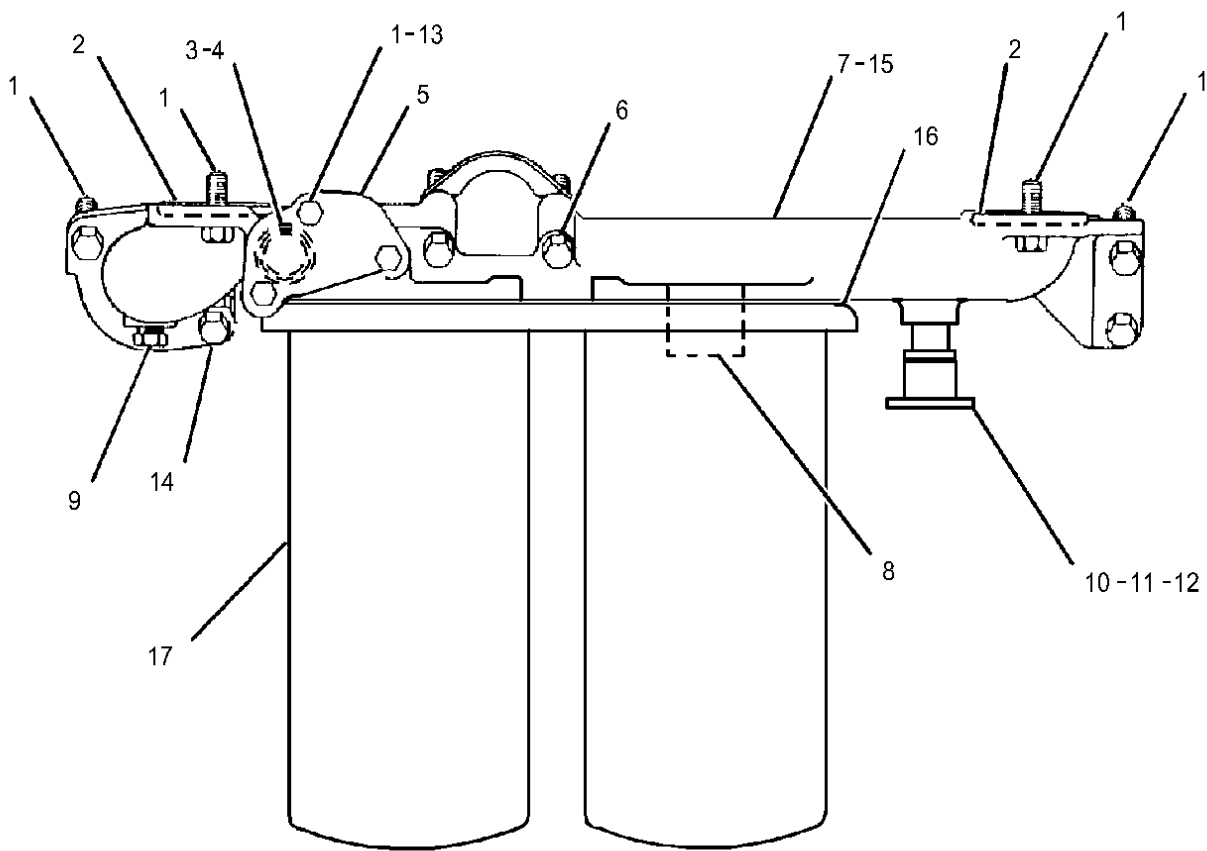
Ref.	Part number	Description	Qty	Code	Group page
7	6B-9081	BUSHING-REDUCER	1		
8	9P-8241	HOSE AS	1	I	
9	001-6412	CONNECTOR	2		

CAT codes: I.

4N-2387 FILTER GP-ENGINE OIL

4N-2387 FILTER GP-ENGINE OIL S/N 7DB1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1594	BOLT (3/8-16X1-IN)	10		
2	3P-0650	SEAL-O-RING	3		
3	9M-0853	PLUNGER-VALVE	2		
4	4N-8150	SPRING	2		
5	4N-0861	COVER	1		
	4N-0865	GASKET	1		
6	8S-9191	BOLT (3/8-16X4-IN)	2		
7	4N-2304	BASE AS-OIL FILTER	1		
8	2P-4304	STUD-HOLLOW	2		
9	5M-6213	PLUG-PIPE (1/4-18-THD)	1		
10	6V-5048	SEAL-O-RING	1		
11	8C-3445	CAP-DUST (FLUID SAMPLING VALVE)	1		
12	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
13	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
14	0L-2070	BOLT (3/8-16X2.25-IN)	1		

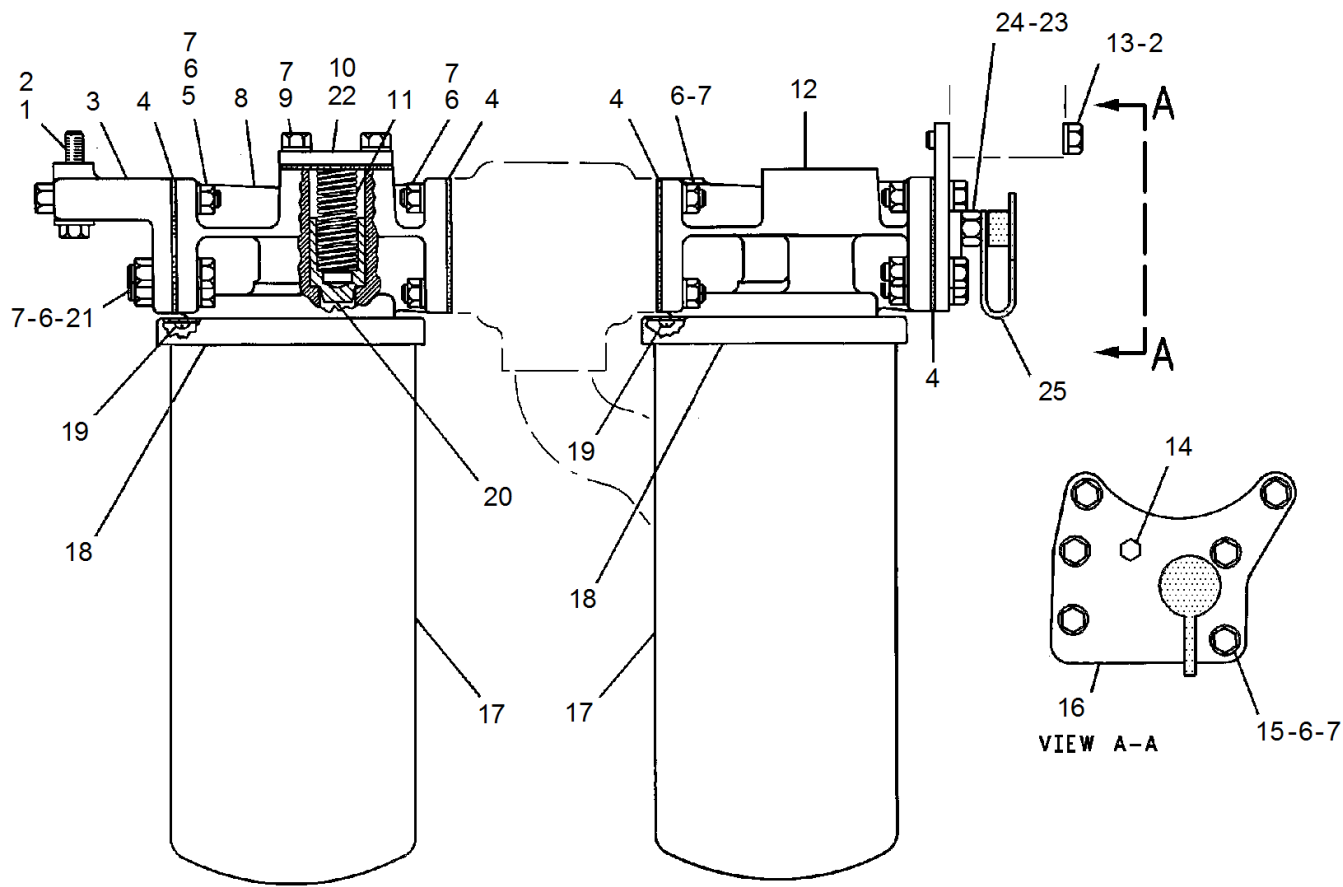
4N-2387 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
15	5P-8068	SEAL-O-RING	1		
16	4N-8928	SHIELD-OIL FILTER	1		
	4B-4161	SCREW-DRIVE (NO 6X3/8-IN)	5		
17	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	2		

4N-2759 FILTER GP-ENGINE OIL

4N-2759 FILTER GP-ENGINE OIL S/N 7DB1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1590	BOLT (3/8-16X2-IN)	2		
2	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	4		
3	6N-0823	COVER	1		
4	2P-4305	GASKET	4		
5	0S-1608	BOLT (3/8-16X3.75-IN)	2		
6	9S-8752	NUT-FULL (3/8-16-THD)	16		
7	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	22		
8	2P-4301	BASE AS-OIL FILTER	1		
	2P-4304	STUD-HOLLOW	1		
9	0S-1594	BOLT (3/8-16X1-IN)	2		
10	2P-3761	COVER	1		
11	4N-8150	SPRING	1		
12	2P-4303	BASE AS-OIL FILTER	1		
	2P-4304	STUD-HOLLOW	1		

4N-2759 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
13	0S-1619	BOLT (3/8-16X3-IN)	2		
14	8T-6764	PLUG-PIPE (1/8-27-THD)	3		
15	0S-1591	BOLT (3/8-16X1.5-IN)	4		
16	155-5160	COVER AS	1		
17	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	2		
18	4N-7082	SHIELD-OIL FILTER	2		
19	7F-9090	SCREW-DRIVE (NO 8X3/8-IN)	4		
20	1P-1367	PLUNGER (RELIEF VALVE)	1		
21	0S-1571	BOLT (3/8-16X1.75-IN)	2		
22	2P-3760	GASKET	1		
23	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
24	6V-5048	SEAL-O-RING	1		
25	8C-3445	CAP-DUST (FLUID SAMPLING VALVE)	1		

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7DB-SEBP1493

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