

CATERPILLAR 3412

60M / SEBP3179

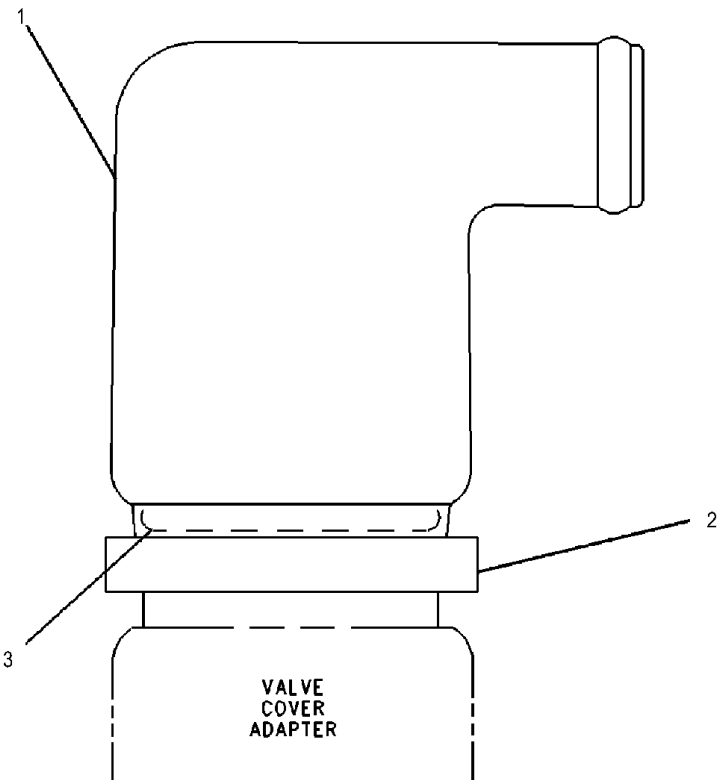
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Basic engine	
Electrical and electronics	
Fuel system	
Basic engine	

2N-8220 BREATHER GP -CRANKCASE

2N-8220 BREATHER GP -CRANKCASE FOR USE WITH FUMES DISPOSAL GROUPS

Drawing 1 of 1



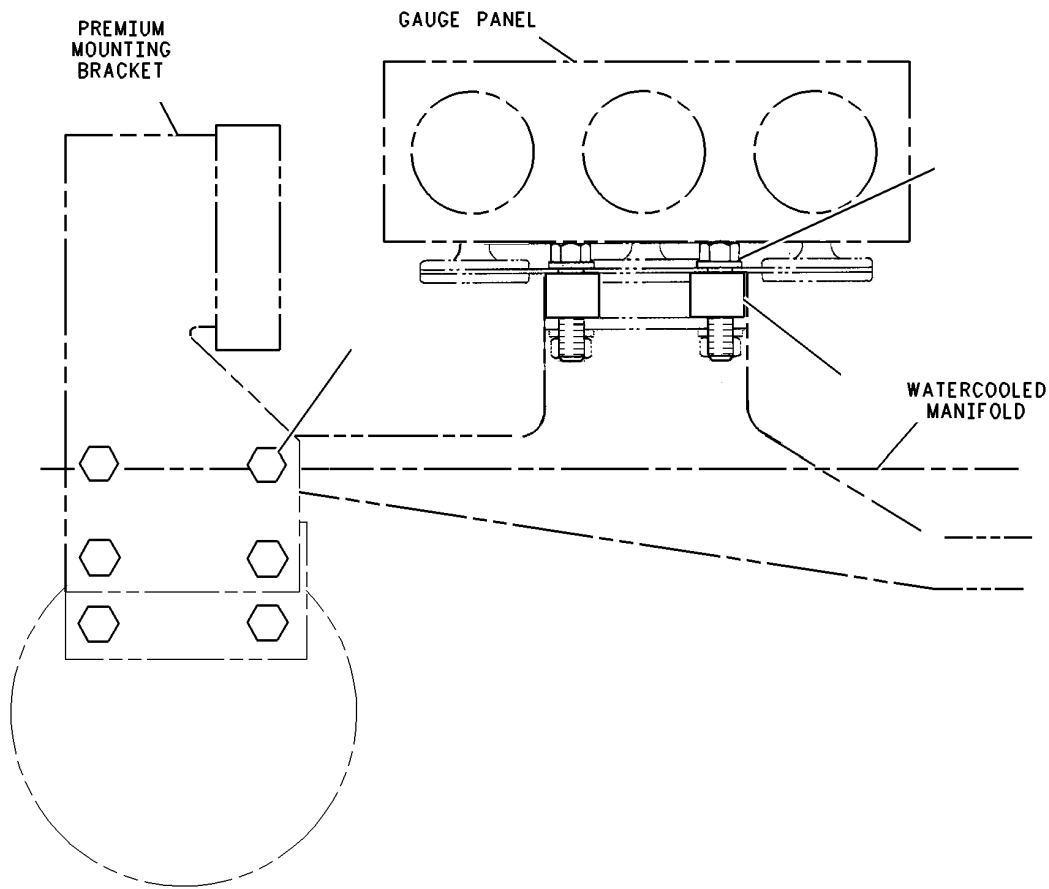
Ref.	Part number	Description	Qty	Code	Group page
1	9Y-2988	BREATHER AS (CRANKCASE)	1	C	
2	2N-8109	CLAMP	1		
3	6V-3831	SEAL-O-RING	1		

CAT codes: C.

6N-6291 FASTENER GP-BRACKET

6N-6291 FASTENER GP-BRACKET FOR USE WITH PREMIUM INSTRUMENTAL PANEL MOUNTING GP AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2A-4639	BOLT (3/8-16X1.625-IN)	2		
2	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
3	9M-4594	SPACER (0.406X0.875X0.75-IN THK)	2		
4	0S-1571	BOLT (3/8-16X1.75-IN)	2		

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

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

Drawing 1 of 1

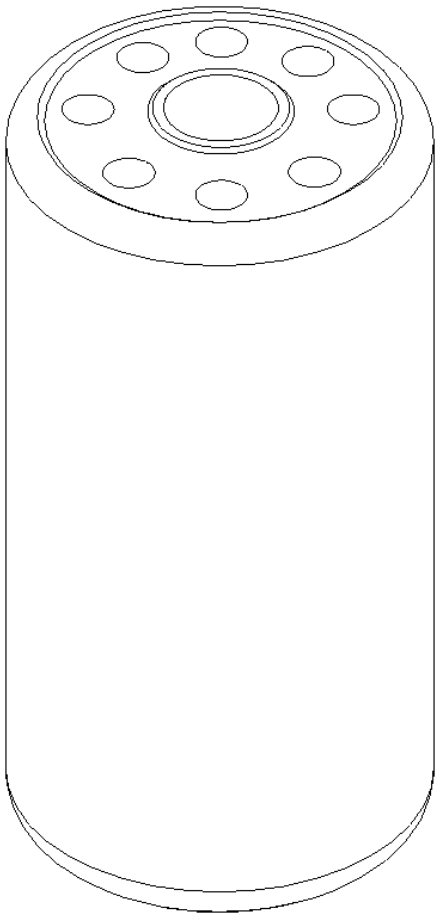


Ref.	Part number	Description	Qty	Code	Group page
1	0L-1143	BOLT (3/8-16X2.5-IN)	2		
2	0S-1590	BOLT (3/8-16X2-IN)	1		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		

211-4359 FILTER AS-ENGINE OIL

211-4359 FILTER AS-ENGINE OIL TO PROVIDE A SHORTER VERSION OF THE 1R-0716 LUBE FILTER TO BE USED FOR MARINE APPLICATIONS AN ATTACHMENT

Drawing 1 of 1

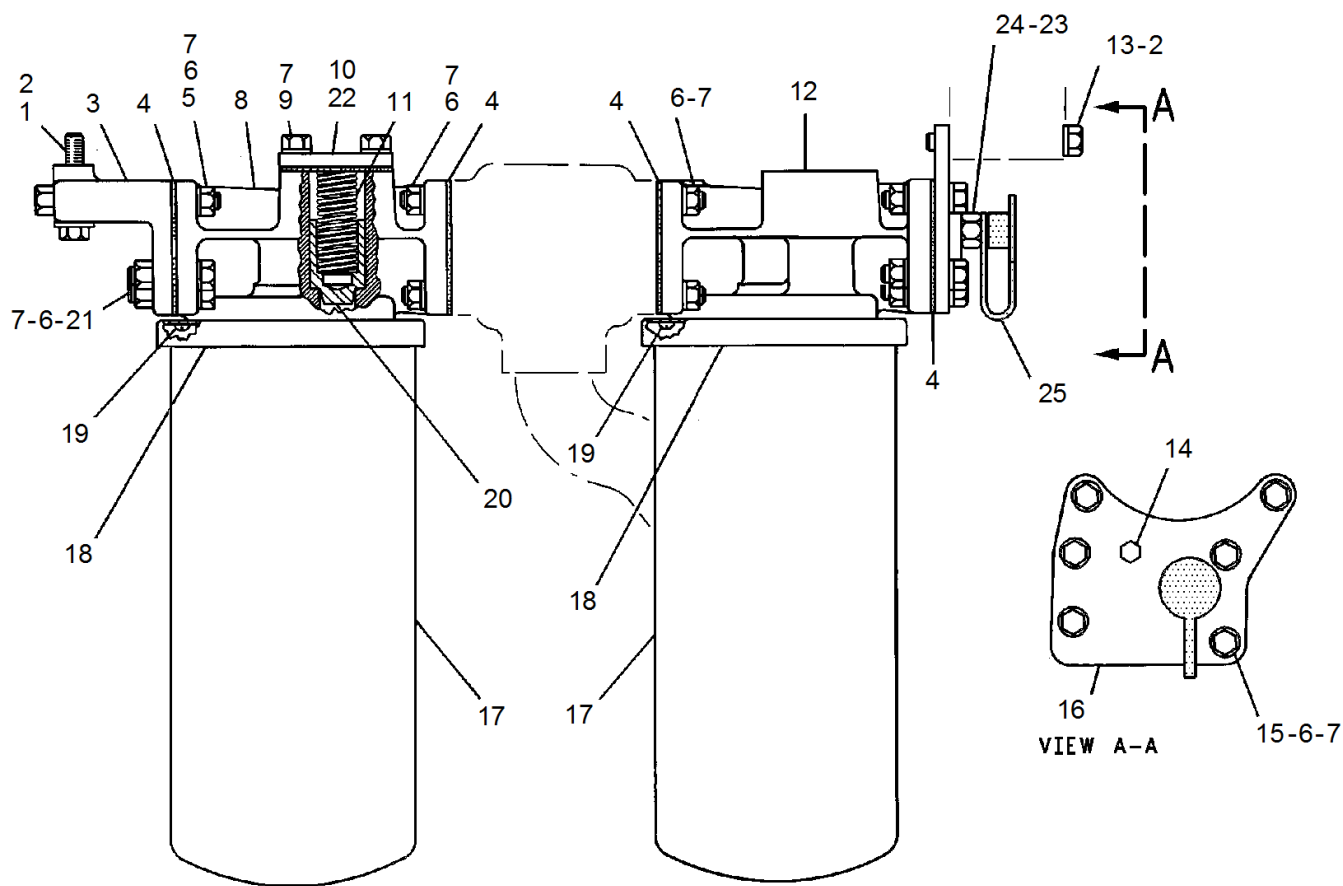


Ref.	Part number	Description	Qty	Code	Group page
(NO SERVICED PARTS)					

4N-2759 FILTER GP-ENGINE OIL

4N-2759 FILTER GP-ENGINE OIL

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		

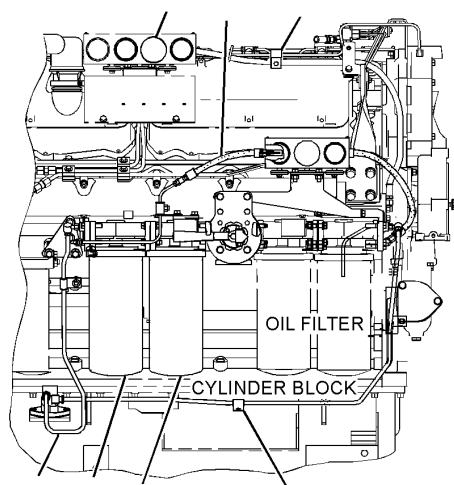
4N-2759 FILTER GP-ENGINE OIL (continued)

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		

6N-5011 FILTER GP-ENGINE OIL

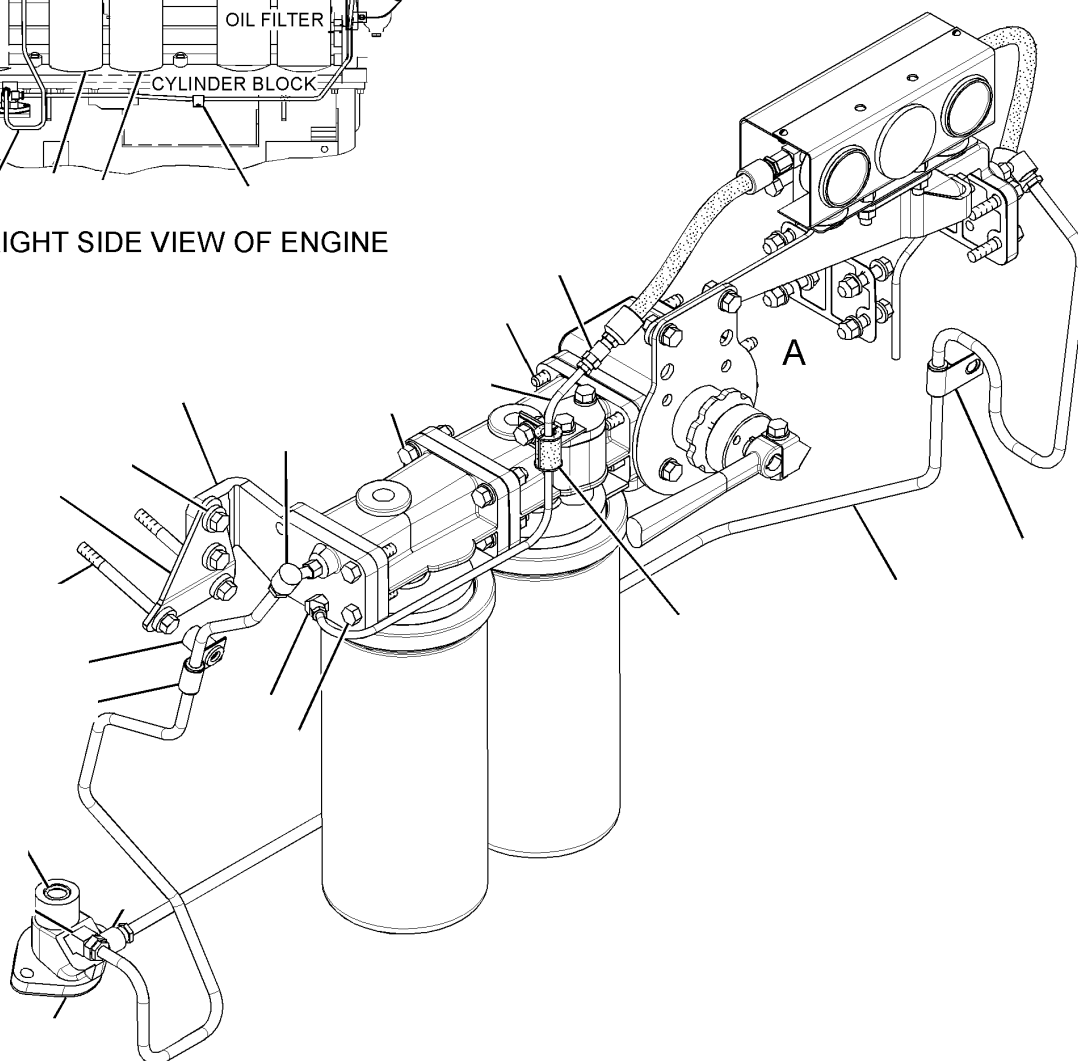
6N-5011 FILTER GP-ENGINE OIL DUPLEX RH FOR USE WITH HIGH PERFORMANCE SIDE ACCESS ENGINES ONLY AN ATTACHMENT

Drawing 1 of 3



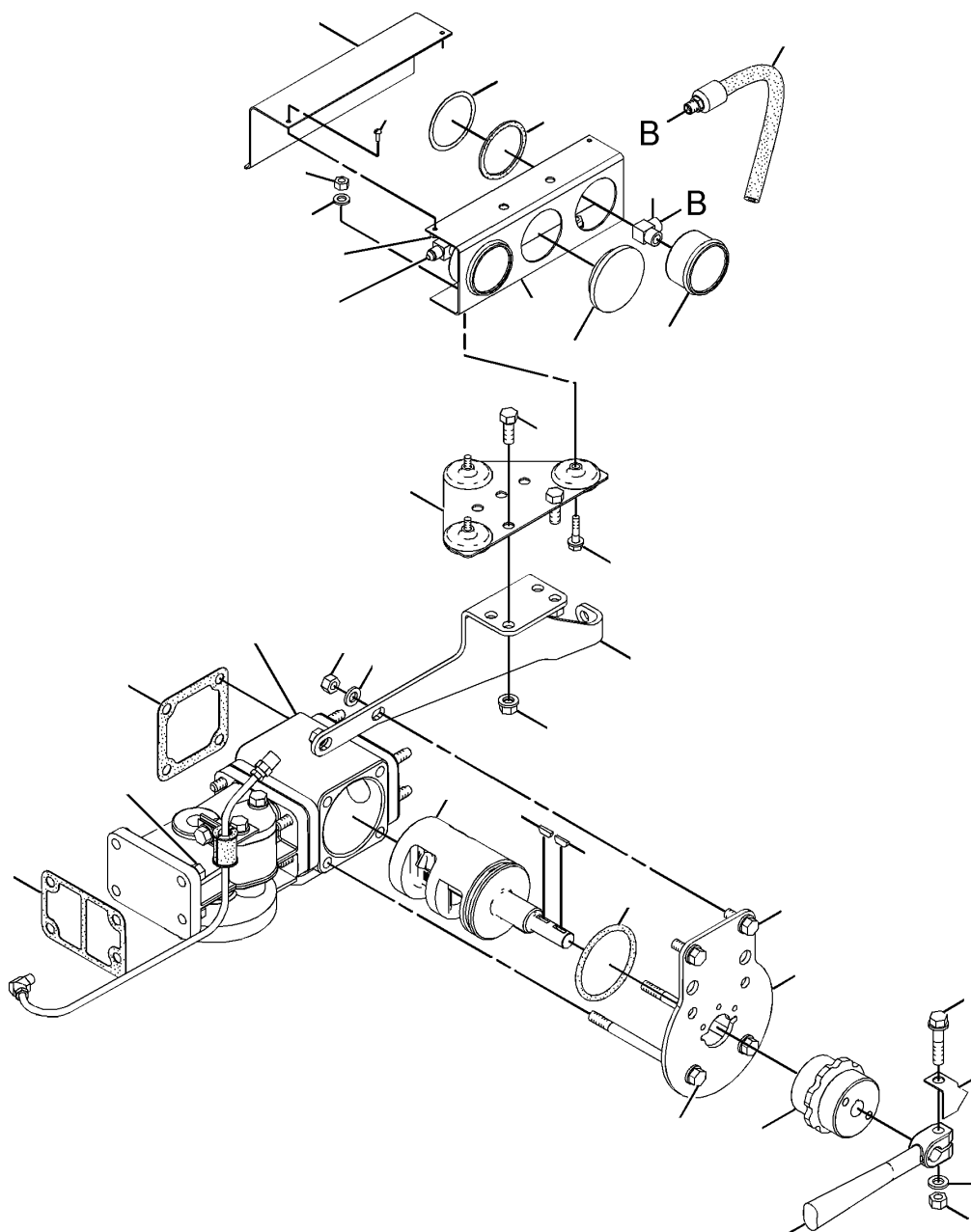
RIGHT SIDE VIEW OF ENGINE

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



6N-5011 FILTER GP-ENGINE OIL (continued)

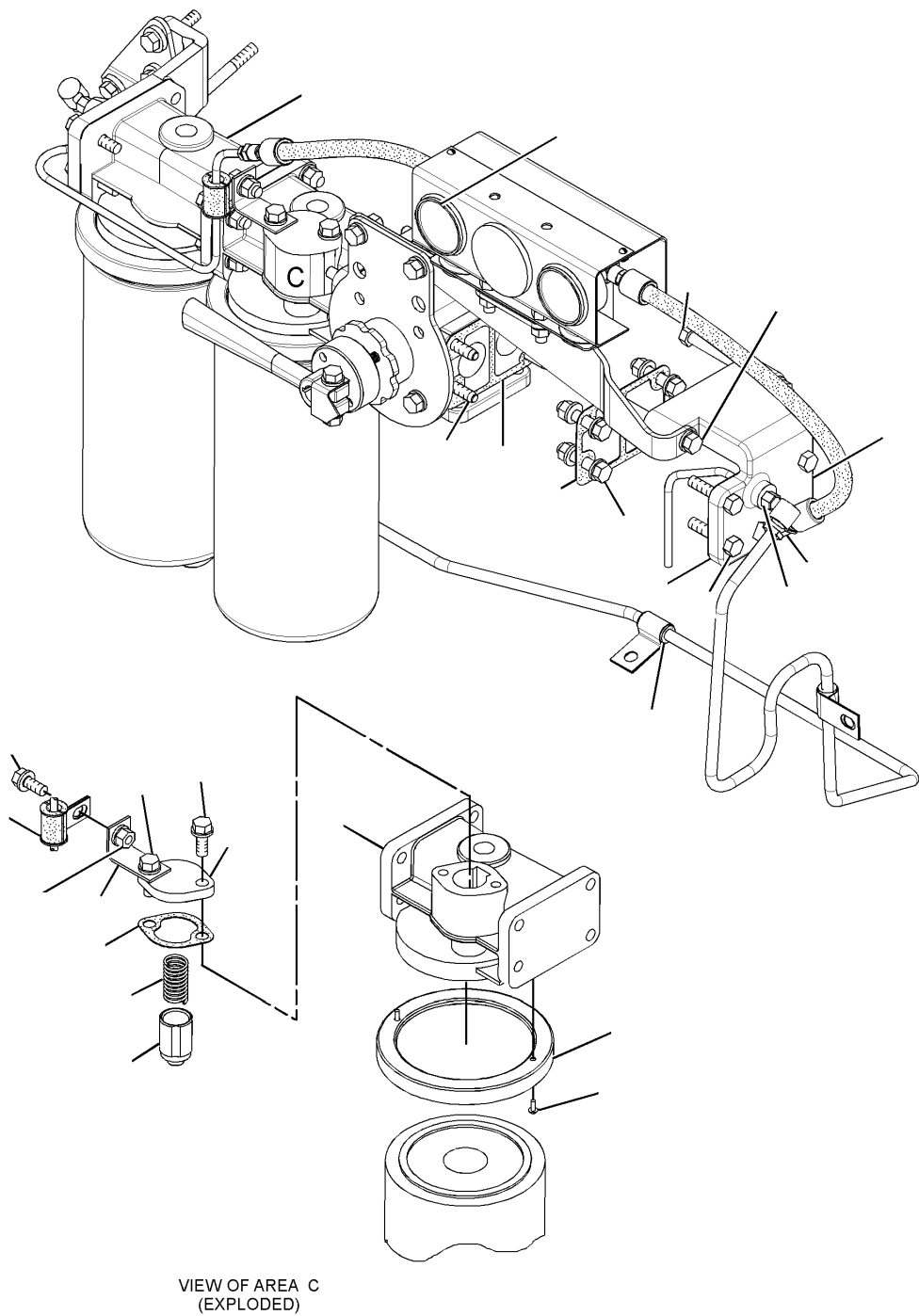
Drawing 2 of 3



EXPLODED VIEW OF AREA A

6N-5011 FILTER GP-ENGINE OIL (continued)

Drawing 3 of 3



Ref.	Part number	Description	Qty	Code	Group page
1	1B-4330	NUT (1/4-20-THD)	3		
2	1B-8704	KEY-WOODRUFF	2		
3	9S-8752	NUT-FULL (3/8-16-THD)	16		
4	1L-6939	ELBOW	3	C	
5	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	2		
6	2N-0178	PANEL	1		

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60M-SEBP3179

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