

CATERPILLAR TH48-E80

FRT / SEBP6138

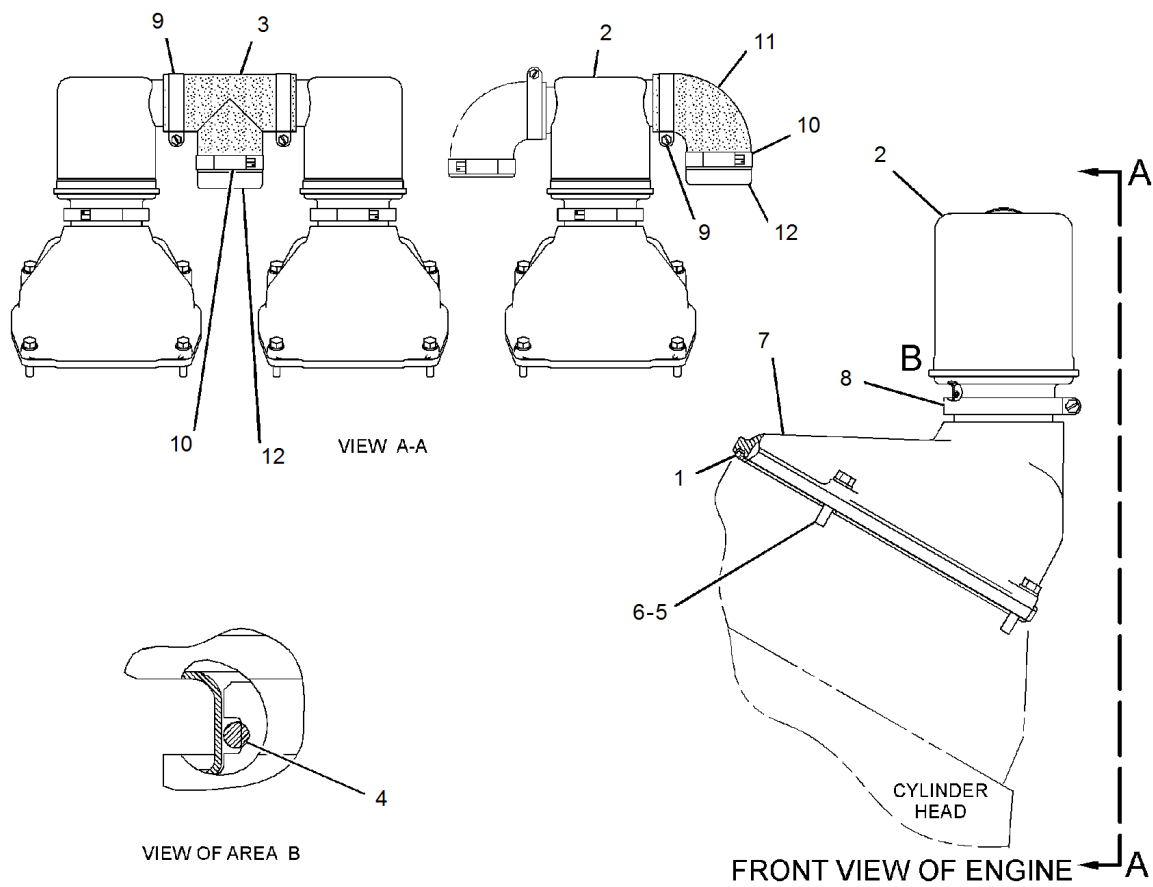
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Fuel system	

124-5512 BREATHER GP -CRANKCASE

124-5512 BREATHER GP -CRANKCASE S/N R1A1-UP; R2A607-UP

Drawing 1 of 1



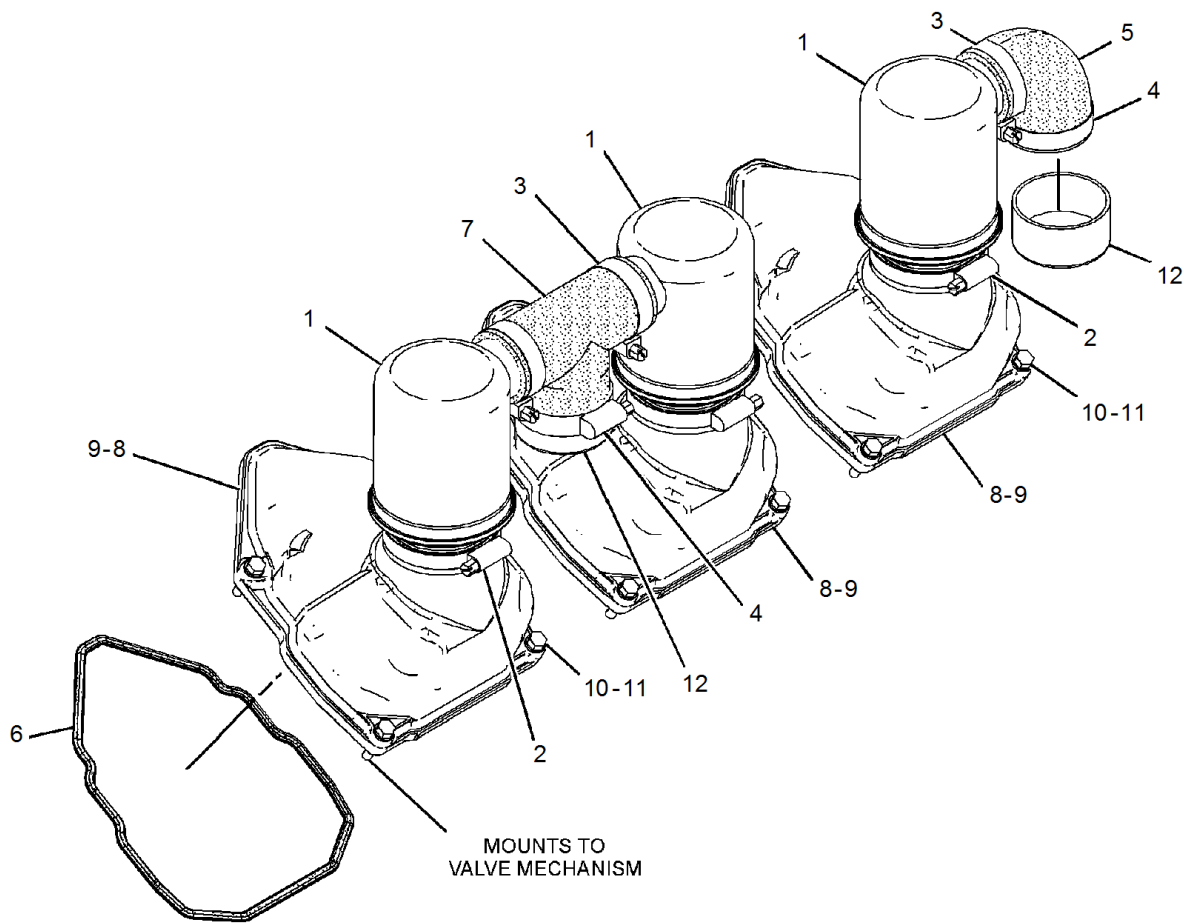
Ref.	Part number	Description	Qty	Code	Group page
1	272-0760	SEAL-VALVE COVER (BREATHER)	3		
2	4W-3027	BREATHER AS (CRANKCASE)	3		
3	217-6692	HOSE-TEE	1		
4	033-6031	SEAL-O-RING	3		
5	1A-9579	BOLT (5/16-18X1.5-IN)	12		
6	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	12		
7	101-4199	COVER AS	3		
8	4W-3034	CLAMP-HOSE	3		
9	5P-0597	CLAMP-HOSE	3		
10	5P-4868	CLAMP-HOSE	2		
11	141-7143	HOSE-ELBOW	1		
12	7N-7820	BOOT	2	B	

CAT codes: B.

265-8050 BREATHER GP

265-8050 BREATHER GP S/N R1A1-195 ALSO AN ATTACHMENT

Drawing 1 of 1



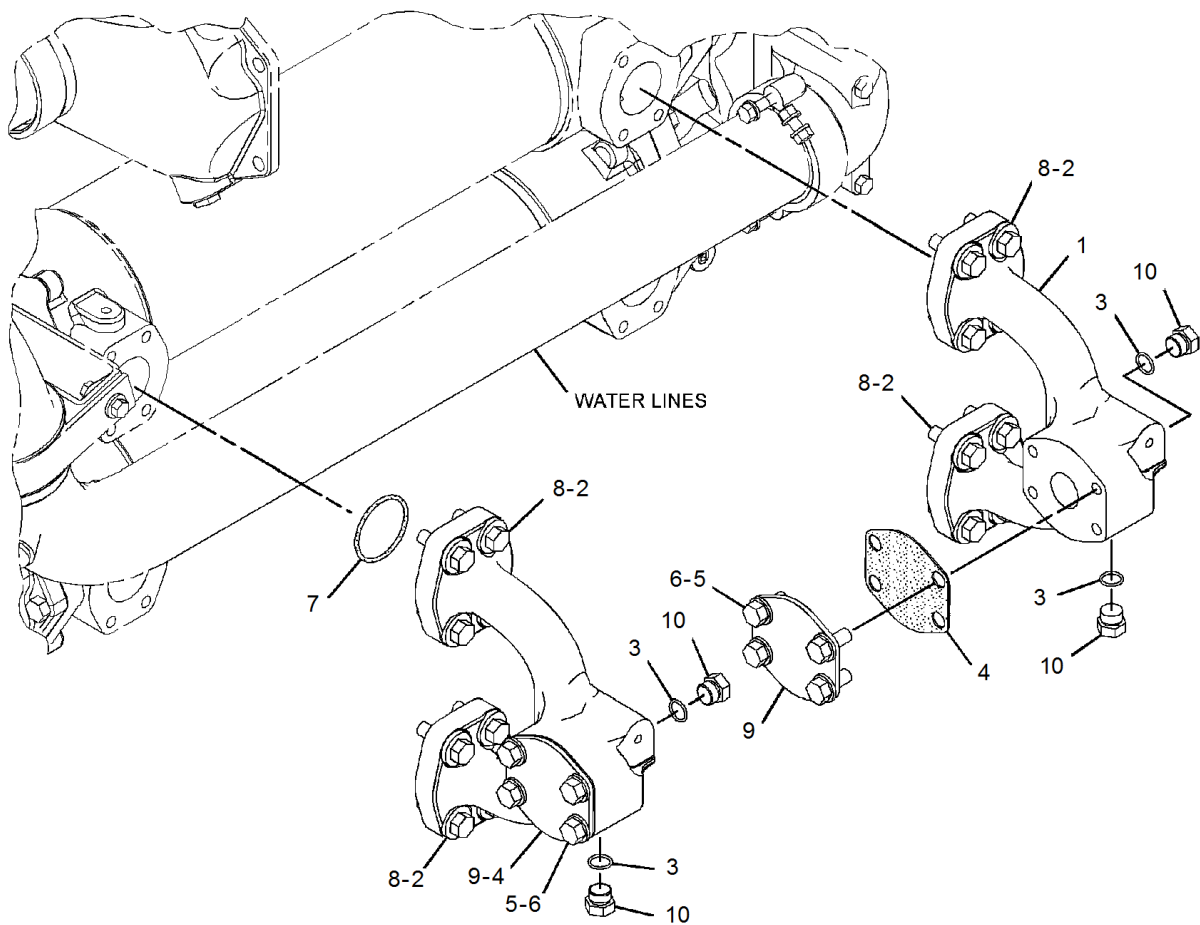
Ref.	Part number	Description	Qty	Code	Group page
1	4W-3027	BREATHER AS (CRANKCASE)	3		
2	4W-3034	CLAMP-HOSE	3		
3	5P-0597	CLAMP-HOSE	3		
4	5P-4868	CLAMP-HOSE	2		
5	141-7143	HOSE-ELBOW	1		
6	272-0760	SEAL-VALVE COVER	3		
7	217-6692	HOSE-TEE	1		
8	265-8051	COVER AS	3		
9	033-6031	SEAL-O-RING	3		
10	1A-9579	BOLT (5/16-18X1.5-IN)	12		
11	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	12		
12	7N-7820	BOOT	2	B	

CAT codes: B.

390-7731 CONNECTION GP-OIL -TRANSMISSION

390-7731 CONNECTION GP-OIL -TRANSMISSION S/N R1A1-UP AN ATTACHMENT

Drawing 1 of 1

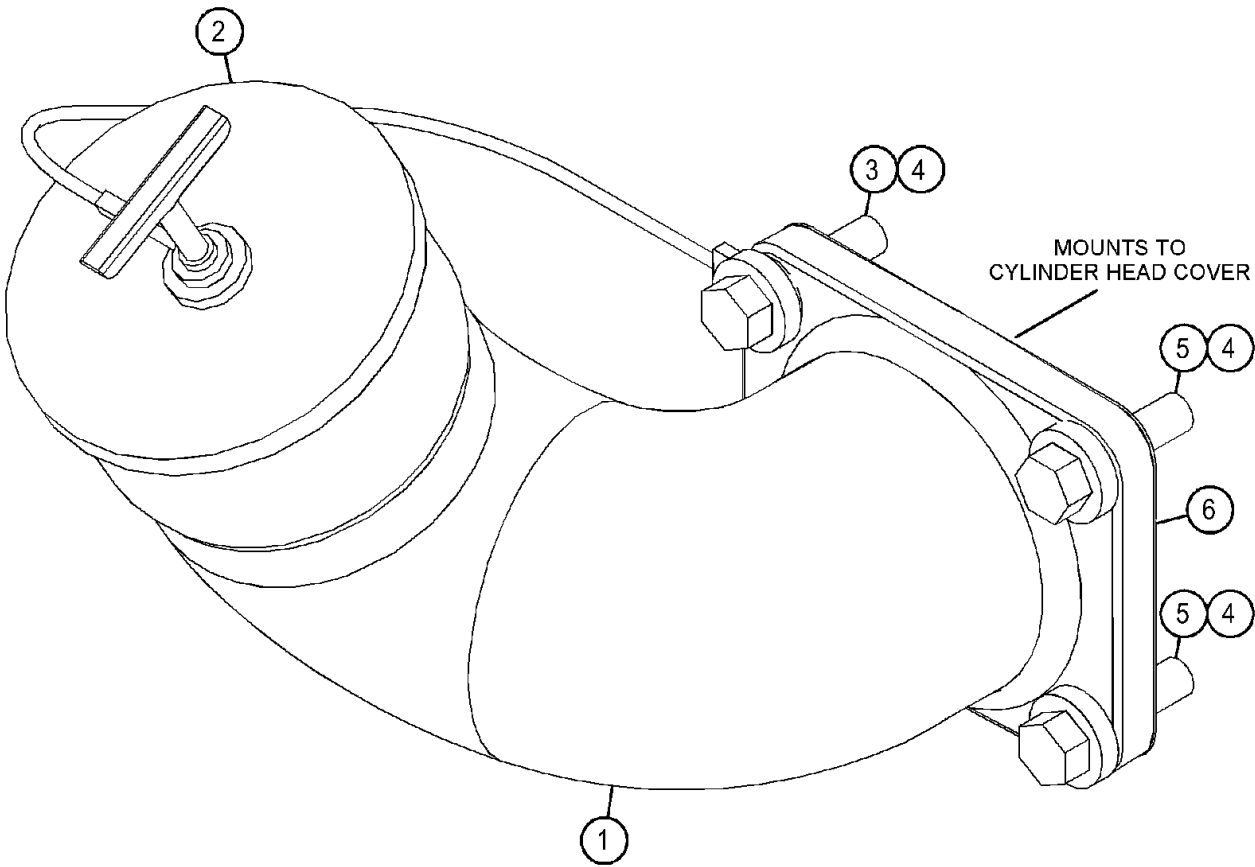


Ref.	Part number	Description	Qty	Code	Group page
1	388-7187	ELBOW	2		
2	0S-1587	BOLT (1/2-13X1.75-IN)	16		
3	238-5080	SEAL-O-RING	4		
4	3J-6933	GASKET	2		
5	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	8		
6	6H-1717	BOLT (1/2-13X1.125-IN)	8		
7	6V-4368	SEAL-O-RING	4		
8	7D-1649	WASHER-HARD (13.5X32X5-MM THK)	16		
9	7J-0402	COVER	2		
10	9S-4185	PLUG (3/4-16-THD)	4		

4P-3327 FILLER GP-ENGINE OIL

4P-3327 FILLER GP-ENGINE OIL S/N R1A1-UP; R2A607-UP

Drawing 1 of 1

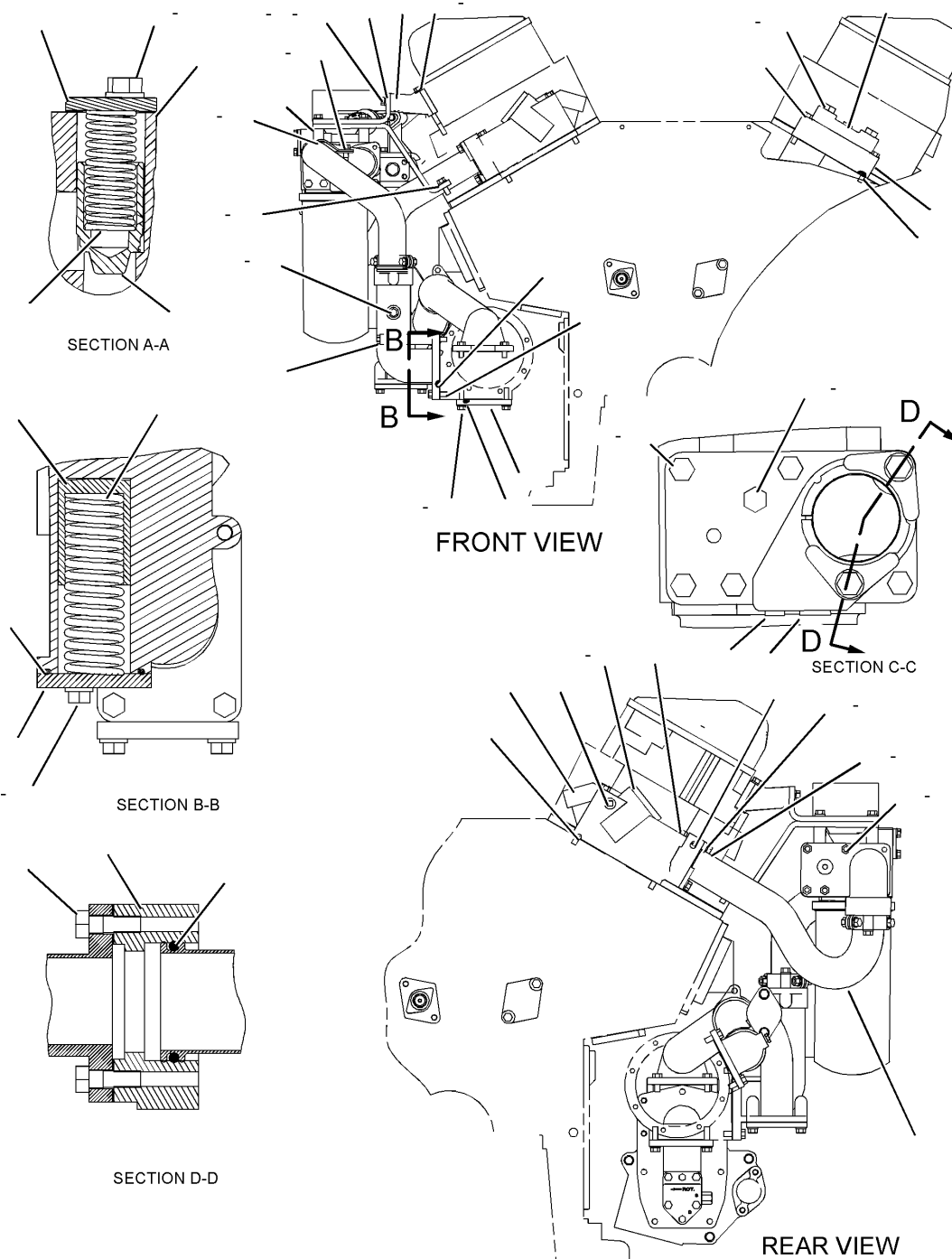


Ref.	Part number	Description	Qty	Code	Group page
1	7N-5336	ELBOW-OIL FILLER	1		
2	420-5537	CAP AS-OIL FILLER (OIL FILLER)	1		
3	0S-1591	BOLT (3/8-16X1.5-IN)	1		
4	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	4		
5	3B-1915	BOLT (3/8-16X1.375-IN)	3		
6	2W-0752	GASKET	1		

166-8039 FILTER GP-ENGINE OIL

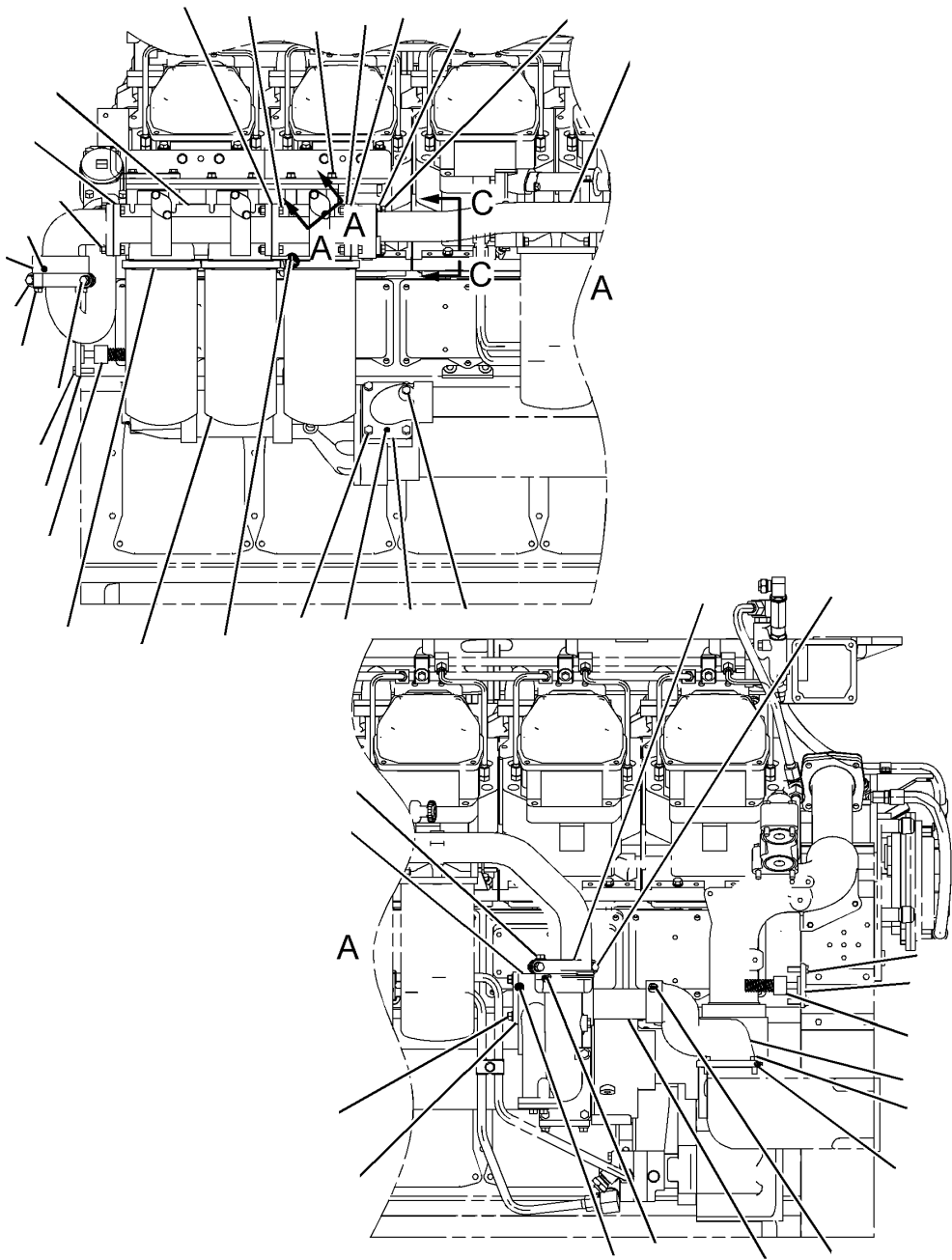
166-8039 FILTER GP-ENGINE OIL S/N R1A1-1148 AN ATTACHMENT

Drawing 1 of 2



166-8039 FILTER GP-ENGINE OIL (continued)

Drawing 2 of 2



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

RIGHT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	1N-3333	TUBE	1		
2	1P-1367	PLUNGER (RELIEF VALVE)	3		
3	1S-7106	COVER	3		
4	1W-8129	SUPPORT	2		
5	2W-1053	PLUG	1		
6	2W-1055	ELBOW	1		

166-8039 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	2W-1635	SPRING	1		
8	2W-1969	VALVE-BYPASS (OIL COOLER)(OIL COOLER)	1		
9	2W-7226	ADAPTER	1		
10	4B-3140	COVER	1		
11	4W-5596	COVER	1		
12	4W-5597	COVER	1		
13	6B-0933	SPACER (10.31X19.05X6.35-MM THK)	4		
14	6B-9202	SPRING	2		
15	7C-9217	ELBOW (OIL COOLER BYPASS)	1		
16	7G-6713	SPRING-MAIN	3		
17	7N-5413	ELBOW	1		
18	7N-5416	ELBOW (OUTLET)	1		
19	7N-7697	PLUNGER AS	2		
(EACH INCLUDES)					
	7M-1808	DOWEL	1		
20	8N-1991	RING-RETAINING	2		
21	8N-1992	RETAINER	4		
22	8N-2001	BASE AS-OIL FILTER	1	C	
	2P-4304	STUD-HOLLOW	1		
23	8N-2929	COVER	2		
24	9Y-8387	GASKET	3		
25	9Y-8388	GASKET	3	C	
26	100-8075	CLAMP AS	2		
27	111-3820	RING-RETAINING	2		
28	111-6119	SHIELD	3		
29	121-5734	ADAPTER-BASE	1		
30	133-5915	ELBOW	1		
31	151-9270	BASE AS-OIL FILTER	1	C	
	2P-4304	STUD-HOLLOW	2		
32	166-7679	SUPPORT	1		
33	168-0278	TUBE AS	1		
34	168-0279	TUBE AS	1		
35	173-2943	BRACKET	1		
36	264-0450	CLAMP AS	2		
37	275-2604	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	3		
38	061-9456	SEAL-O-RING	4		

166-8039 FILTER GP-ENGINE OIL (continued)

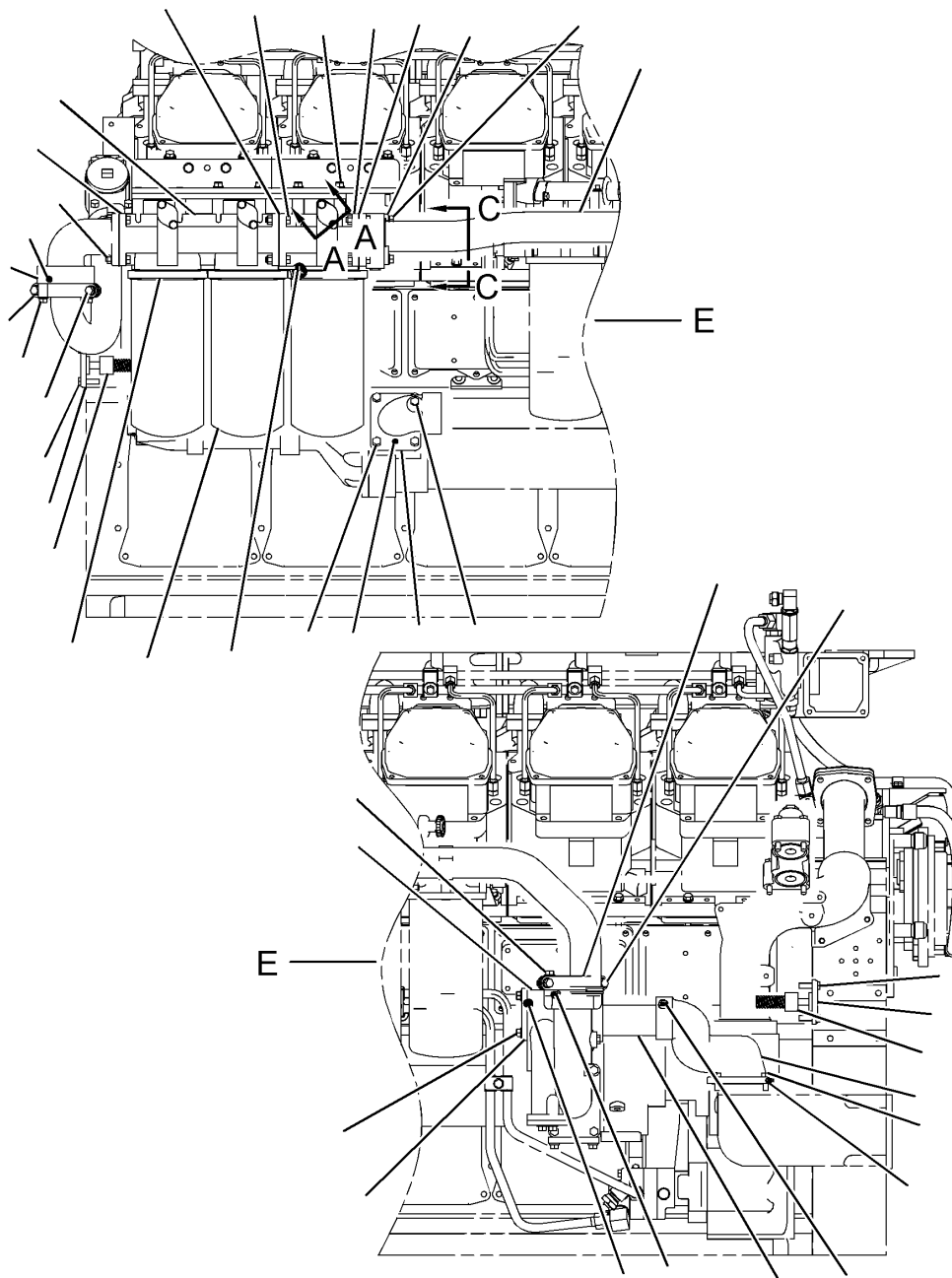
Ref.	Part number	Description	Qty	Code	Group page
39	0L-1143	BOLT (3/8-16X2.5-IN)	4		
40	0S-1571	BOLT (3/8-16X1.75-IN)	5		
41	0S-1588	BOLT (3/8-16X1.25-IN)	20		
42	0S-1591	BOLT (3/8-16X1.5-IN)	34	C	
43	0S-1594	BOLT (3/8-16X1-IN)	14		
44	0T-0055	BOLT (3/8-16X4.25-IN)	4		
45	109-2332	SEAL-O-RING	6		
46	1A-2029	BOLT (3/8-16X1.125-IN)	5		
47	1A-5964	BOLT (3/8-16X4.5-IN)	4		
48	2B-2695	BOLT (5/16-18X0.875-IN)	6		
49	3P-0655	SEAL-O-RING	3		
50	5F-4899	BOLT (3/8-16X5.5-IN)	1		
51	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	37		
52	5P-4892	SEAL-O-RING	1		
53	5P-5846	SEAL-O-RING	1		
54	5P-7817	SEAL-O-RING	1		
55	6V-0267	CLIP (TAB)	1		
56	6V-0268	CLIP (SLOT)	1		
57	6V-3908	SEAL-O-RING	1		
58	6V-4589	SEAL-O-RING	2		
59	6V-5048	SEAL-O-RING	2		
60	7F-9090	SCREW-DRIVE (NO 8X3/8-IN)	6		
61	8T-6758	PLUG-PIPE (1/4-18-THD)	1		
62	8T-6762	PLUG-PIPE (1/2-14-THD)	3		
63	8T-6765	PLUG-PIPE (1/4-18-THD)(1/4-18-THD)	1		
64	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		
65	9S-4182	PLUG (7/16-20-THD)	2		
66	9S-4190	PLUG-O-RING (7/8-14-THD)	2		
67	9S-8752	NUT-FULL (3/8-16-THD)	20	C	
68	9X-6458	WASHER-HARD (10.2X22.5X3-MM THK)	10		

CAT codes: C.

166-8039 FILTER GP-ENGINE OIL

166-8039 FILTER GP-ENGINE OIL S/N R1A1149-UP AN ATTACHMENT

Drawing 1 of 2



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

RIGHT SIDE VIEW OF ENGINE

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