

CATERPILLAR 3512

1LM / SEBP2288

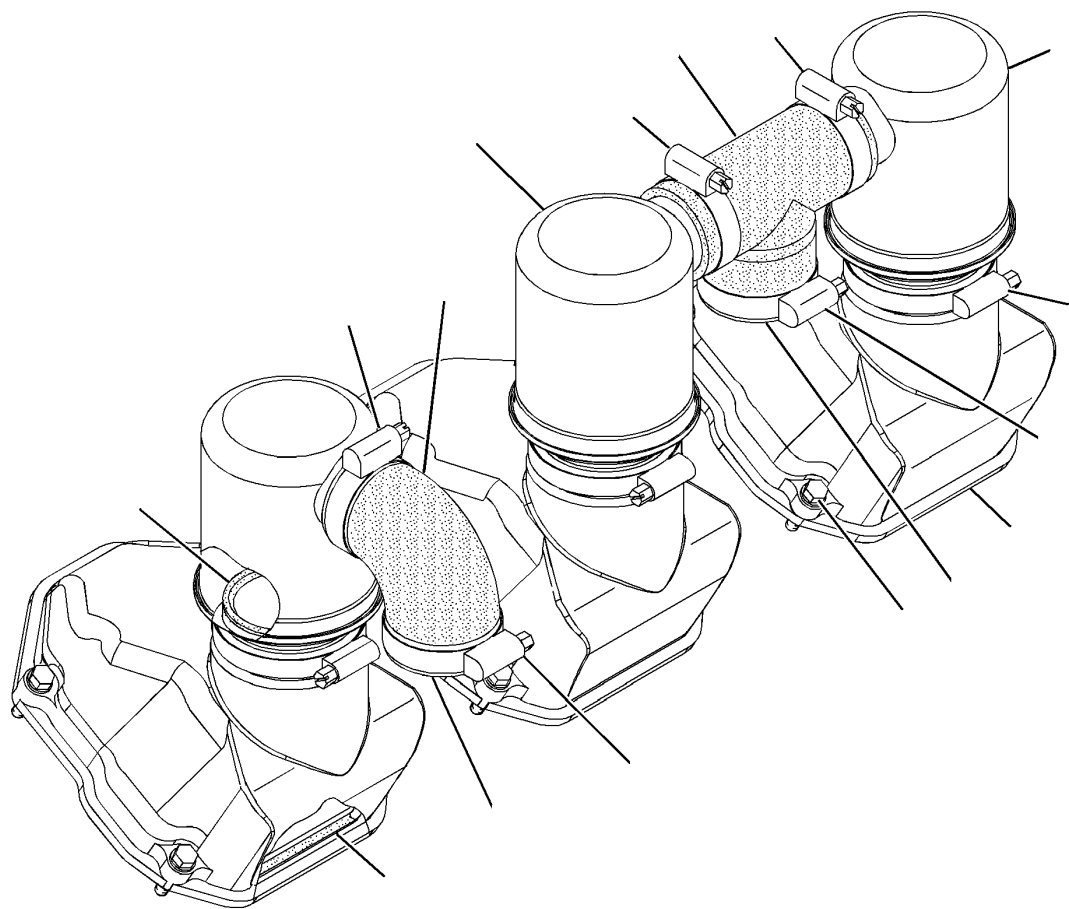
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144-2890 BREATHER GP

144-2890 BREATHER GP S/N 1LM184-UP

Drawing 1 of 1



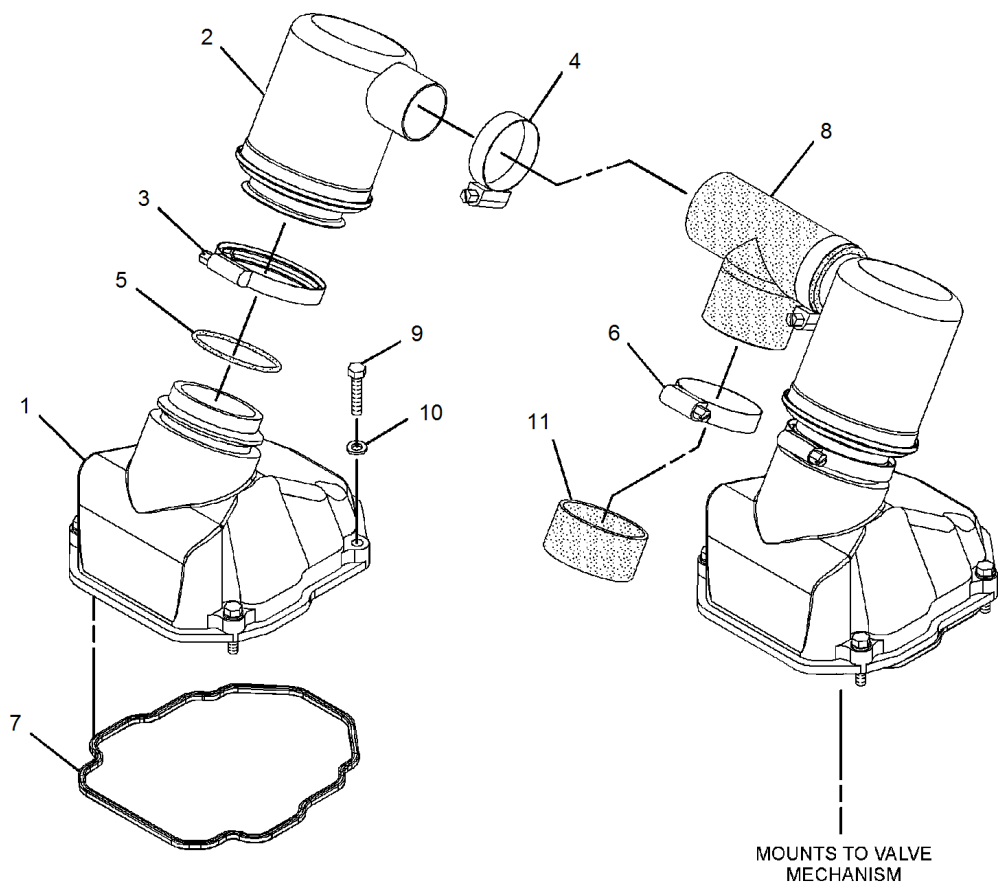
Ref.	Part number	Description	Qty	Code	Group page
1	4W-1450	COVER AS	3		
2	4W-3027	BREATHER AS (CRANKCASE)	3		
3	4W-3034	CLAMP-HOSE	3		
4	5P-0597	CLAMP-HOSE	3		
5	141-7143	HOSE-ELBOW	1		
6	5P-4868	CLAMP-HOSE	2		
7	272-0757	SEAL-VALVE COVER (BREATHER COVER)	3		
8	217-6692	HOSE-TEE	1		
9	033-6031	SEAL-O-RING	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.

4W-1449 BREATHER GP -CRANKCASE

4W-1449 BREATHER GP -CRANKCASE S/N 1LM1-183

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4W-1450	COVER AS	2		
2	4W-3027	BREATHER AS (CRANKCASE)	2		
3	4W-3034	CLAMP-HOSE	2		
4	5P-0597	CLAMP-HOSE	2		
5	033-6031	SEAL-O-RING	2		
6	5P-4868	CLAMP-HOSE	1		
7	272-0757	SEAL-VALVE COVER (BREATHER)	2		
8	217-6692	HOSE-TEE	1		
9	1A-9579	BOLT (5/16-18X1.5-IN)	8		
10	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	8		
11	7N-7820	BOOT	1	B	

CAT codes: B.

7N-1875 FILLER GP-ENGINE OIL

7N-1875 FILLER GP-ENGINE OIL

Drawing 1 of 1

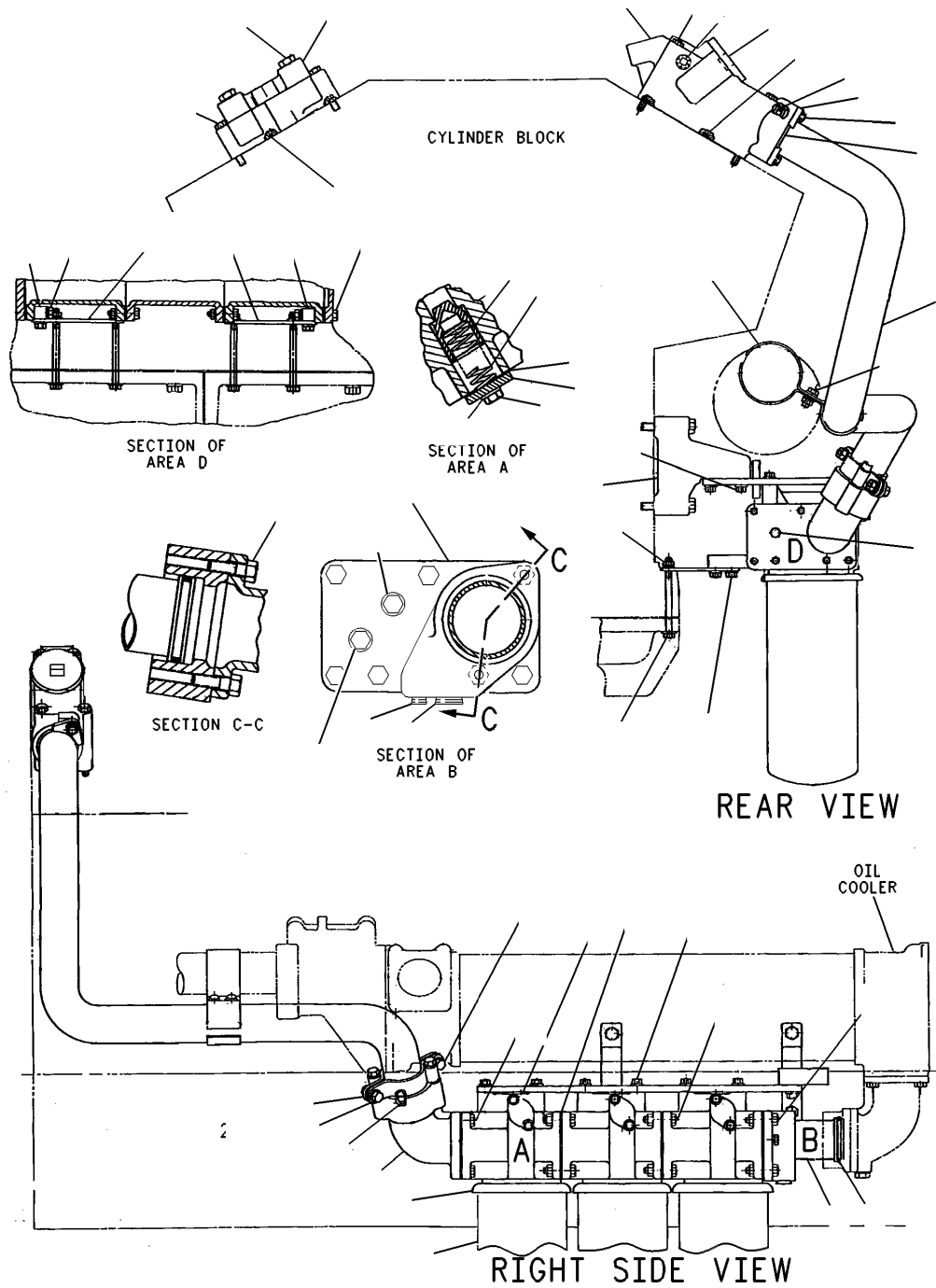


Ref.	Part number	Description	Qty	Code	Group page
1	7L-4447	CAP AS-ENGINE OIL FILLER	1		
2	7N-5336	ELBOW-OIL FILLER	1		
3	0S-1588	BOLT (3/8-16X1.25-IN)	4		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
5	2W-0752	GASKET	1		
6	5P-1175	FILM-IDENTIFICATION (ENGINE OIL FILL)	1		

108-6283 FILTER GP-ENGINE OIL

108-6283 FILTER GP-ENGINE OIL S/N 1LM1-203

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-3873	TUBE	1		
2	109-2332	SEAL-O-RING	4		
3	121-5734	ADAPTER-BASE	1		
4	8T-6762	PLUG-PIPE (1/2-14-THD)	2		
5	8N-2001	BASE AS-OIL FILTER	3		

108-6283 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(EACH INCLUDES)					
	2P-4304	STUD-HOLLOW	1		
6	1N-3872	SUPPORT	2		
7	4P-2534	PLATE AS	1		
8	111-6119	SHIELD	3		
9	7F-9090	SCREW-DRIVE (NO 8X3/8-IN)	6		
10	2P-4005	FILTER AS-ENGINE OIL	3		
11	1P-1367	PLUNGER (RELIEF VALVE)	3		
12	7G-6713	SPRING-MAIN	3		
13	9Y-8387	GASKET	3		
14	1S-7106	COVER	3		
15	9Y-8388	GASKET	4		
16	2W-6980	TUBE-OIL	1		
17	2W-1055	ELBOW	1		
18	2W-7226	ADAPTER	1		
19	061-9456	SEAL-O-RING	4		
20	8N-1991	RING-RETAINING	1		
21	8N-1992	RETAINER	2		
22	0S-1590	BOLT (3/8-16X2-IN)	1		
23	8T-6765	PLUG-PIPE (1/4-18-THD)	1		
24	9S-4190	PLUG-O-RING (7/8-14-THD)	2		
25	6V-4589	SEAL-O-RING	2		
26	1A-5964	BOLT (3/8-16X4.5-IN)	8		
27	0L-1143	BOLT (3/8-16X2.5-IN)	5		
28	1A-5822	BOLT (1/2-13X2.75-IN)	4		
29	0S-1594	BOLT (3/8-16X1-IN)	20		
30	1A-2029	BOLT (3/8-16X1.125-IN)	8		
31	0S-1591	BOLT (3/8-16X1.5-IN)	18		
32	2B-2695	BOLT (5/16-18X0.875-IN)	6		
33	9S-8752	NUT-FULL (3/8-16-THD)	27		
34	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	38		
35	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		
36	1W-3410	CLAMP	2		
37	0L-1351	BOLT (3/8-16X0.875-IN)	6		
38	2W-1052	ELBOW	1		
39	0S-1571	BOLT (3/8-16X1.75-IN)	2		

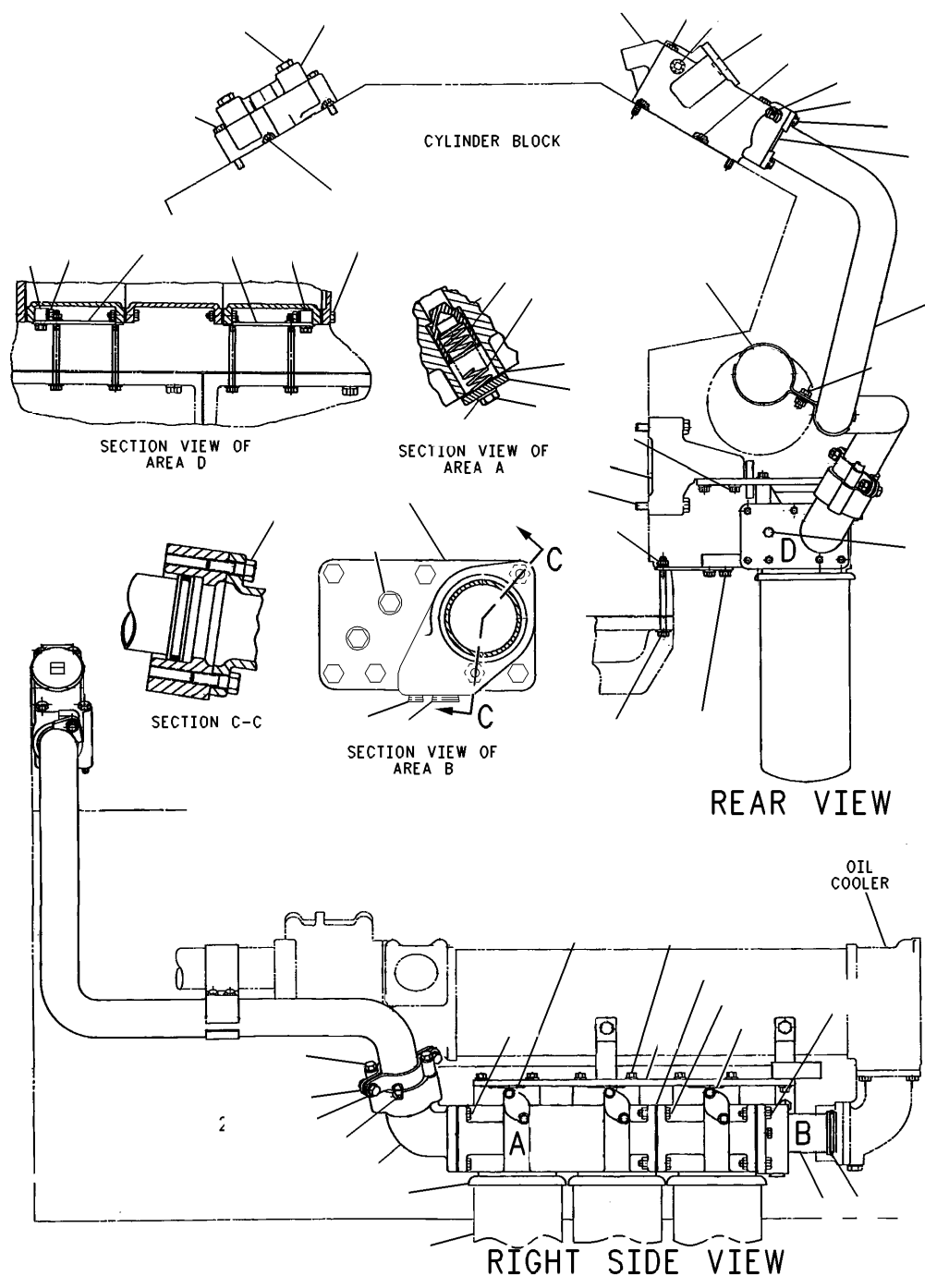
108-6283 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
40	111-3820	RING-RETAINING	1		
41	2W-1053	PLUG	1		
42	100-8075	CLAMP AS	2		
43	5P-7817	SEAL-O-RING	1		
44	7W-3220	BRACKET	2		
45	7W-3221	BAR	2		
46	5P-1075	WASHER-HARD (10.2X22.5X3-MM THK)	4		
47	8T-6758	PLUG-PIPE (1/4-18-THD)	1		
48	9S-4182	PLUG (7/16-20-THD)	2		
49	6V-5048	SEAL-O-RING	2		

108-6283 FILTER GP-ENGINE OIL

108-6283 FILTER GP-ENGINE OIL S/N 1LM204-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-3873	TUBE	1		
2	109-2332	SEAL-O-RING	4		
3	121-5734	ADAPTER-BASE	1		
4	8T-6762	PLUG-PIPE (1/2-14-THD)	2		
5	8N-2001	BASE AS-OIL FILTER	1	C	

108-6283 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
	2P-4304	STUD-HOLLOW	1		
6	1N-3872	SUPPORT	2		
7	4P-2534	PLATE AS	1		
8	111-6119	SHIELD	3		
9	7F-9090	SCREW-DRIVE (NO 8X3/8-IN)	6		
10	2P-4005	FILTER AS-ENGINE OIL	3		
11	1P-1367	PLUNGER (RELIEF VALVE)	3		
12	7G-6713	SPRING-MAIN	3		
13	9Y-8387	GASKET	3		
14	1S-7106	COVER	3		
15	9Y-8388	GASKET	3	C	
16	2W-6980	TUBE-OIL	1		
17	2W-1055	ELBOW	1		
18	2W-7226	ADAPTER	1		
19	061-9456	SEAL-O-RING	4		
20	8N-1991	RING-RETAINING	1		
21	8N-1992	RETAINER	2		
23	8T-6765	PLUG-PIPE (1/4-18-THD)	1		
24	9S-4190	PLUG-O-RING (7/8-14-THD)	2		
25	6V-4589	SEAL-O-RING	2		
26	1A-5964	BOLT (3/8-16X4.5-IN)	8		
27	0L-1143	BOLT (3/8-16X2.5-IN)	5		
28	1A-5822	BOLT (1/2-13X2.75-IN)	4		
29	0S-1594	BOLT (3/8-16X1-IN)	20		
30	1A-2029	BOLT (3/8-16X1.125-IN)	8		
31	0S-1591	BOLT (3/8-16X1.5-IN)	11	C	
32	2B-2695	BOLT (5/16-18X0.875-IN)	6		
33	9S-8752	NUT-FULL (3/8-16-THD)	20	C	
34	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	38		
35	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		
36	1W-3410	CLAMP	2		
37	0L-1351	BOLT (3/8-16X0.875-IN)	6		
38	2W-1052	ELBOW	1		
39	9S-4182	PLUG (7/16-20-THD)	2		
40	6V-5048	SEAL-O-RING	2		
41	2W-1053	PLUG	1		

108-6283 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
43	5P-7817	SEAL-O-RING	1		
44	7W-3220	BRACKET	2		
45	7W-3221	BAR	2		
46	5P-1075	WASHER-HARD (10.2X22.5X3-MM THK)	4		
47	0S-1590	BOLT (3/8-16X2-IN)	1		
48	100-8075	CLAMP AS	2		
49	0S-1571	BOLT (3/8-16X1.75-IN)	2		
50	111-3820	RING-RETAINING	1		
51	8T-6758	PLUG-PIPE (1/4-18-THD)	1		
52	151-9270	BASE AS-OIL FILTER	1	C	
	2P-4304	STUD-HOLLOW	2		

CAT codes: C.

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