

CATERPILLAR 3508

3HM / SEBP3716

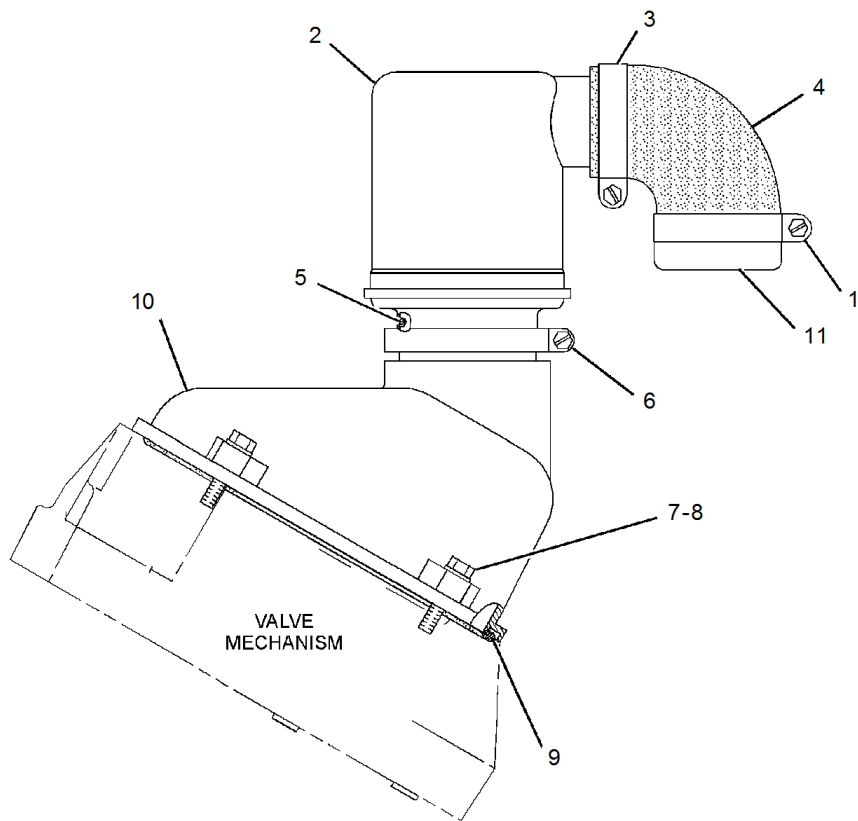
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Basic engine	
Electrical and electronics	
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4W-0473 BREATHER GP -CRANKCASE

4W-0473 BREATHER GP -CRANKCASE

Drawing 1 of 1



FRONT VIEW OF ENGINE

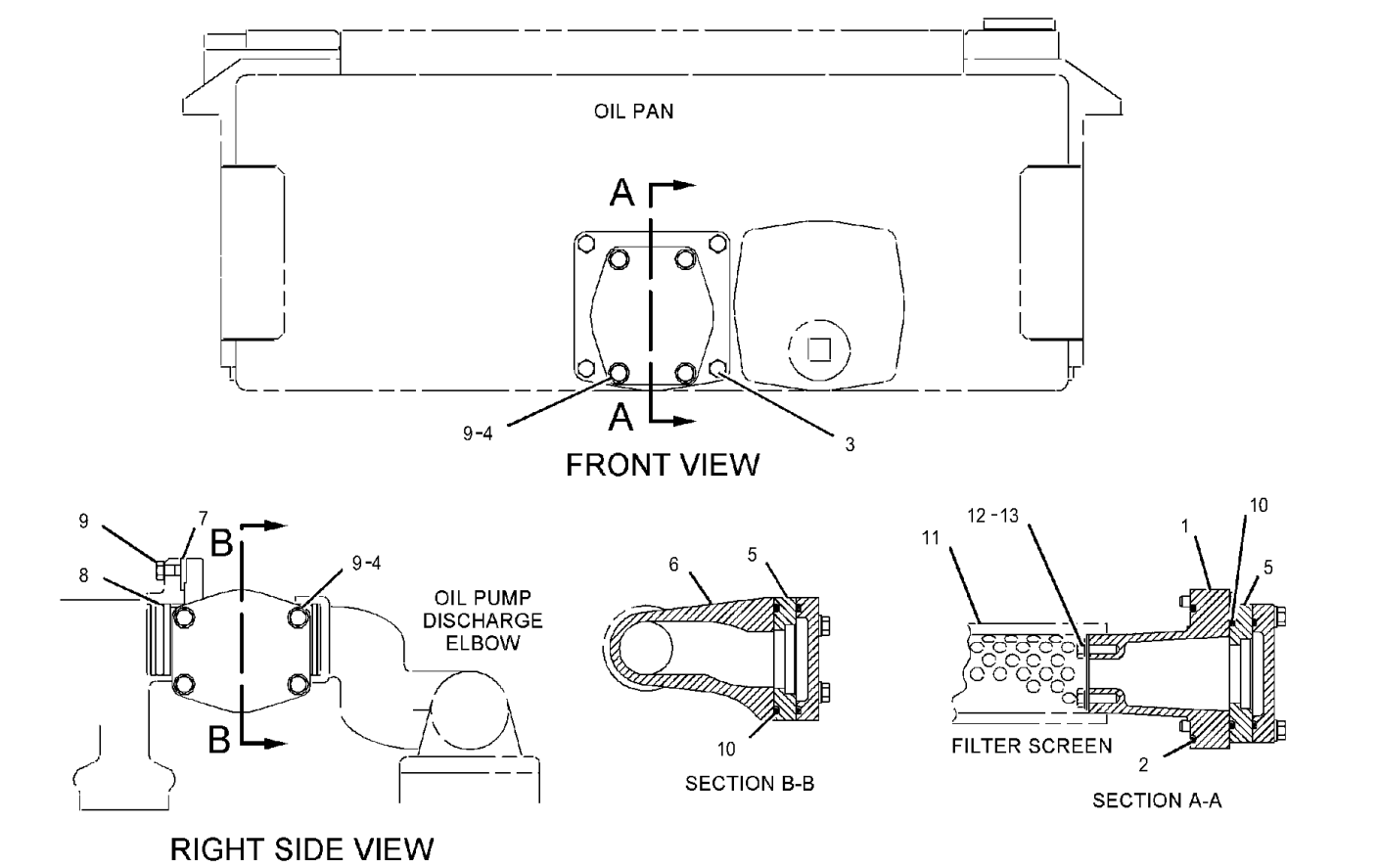
Ref.	Part number	Description	Qty	Code	Group page
1	5P-4868	CLAMP-HOSE	1		
2	4W-3027	BREATHER AS (CRANKCASE)	1		
3	5P-0597	CLAMP-HOSE	1		
4	141-7143	HOSE-ELBOW	1		
5	033-6031	SEAL-O-RING	1		
6	4W-3034	CLAMP-HOSE	1		
7	1A-9579	BOLT (5/16-18X1.5-IN)	4		
8	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
9	272-0757	SEAL-VALVE COVER (VALVE COVER TO BREATHER)	1		
10	4W-1450	COVER AS	1		
11	7N-7820	BOOT		B	

CAT codes: B.

9Y-4888 CONNECTION GP-OIL

9Y-4888 CONNECTION GP-OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	149-9297	ADAPTER	1	C	
2	5P-8872	SEAL-O-RING	1		
3	0S-1571	BOLT (3/8-16X1.75-IN)	4		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	8		
5	7N-5798	FLANGE	2		
6	7N-5796	ELBOW-CONNECTOR	1		
7	7G-1239	SPACER (10.5X19X4.5-MM THK)	1		
8	109-2332	SEAL-O-RING	2		
9	0S-1591	BOLT (3/8-16X1.5-IN)	9		
10	6V-0973	SEAL-O-RING	2		
11	7C-4716	SCREEN AS-SUCTION (ENGINE OIL PAN)	1		
12	0S-1614	BOLT (1/4-20X0.5-IN)	2		
13	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		

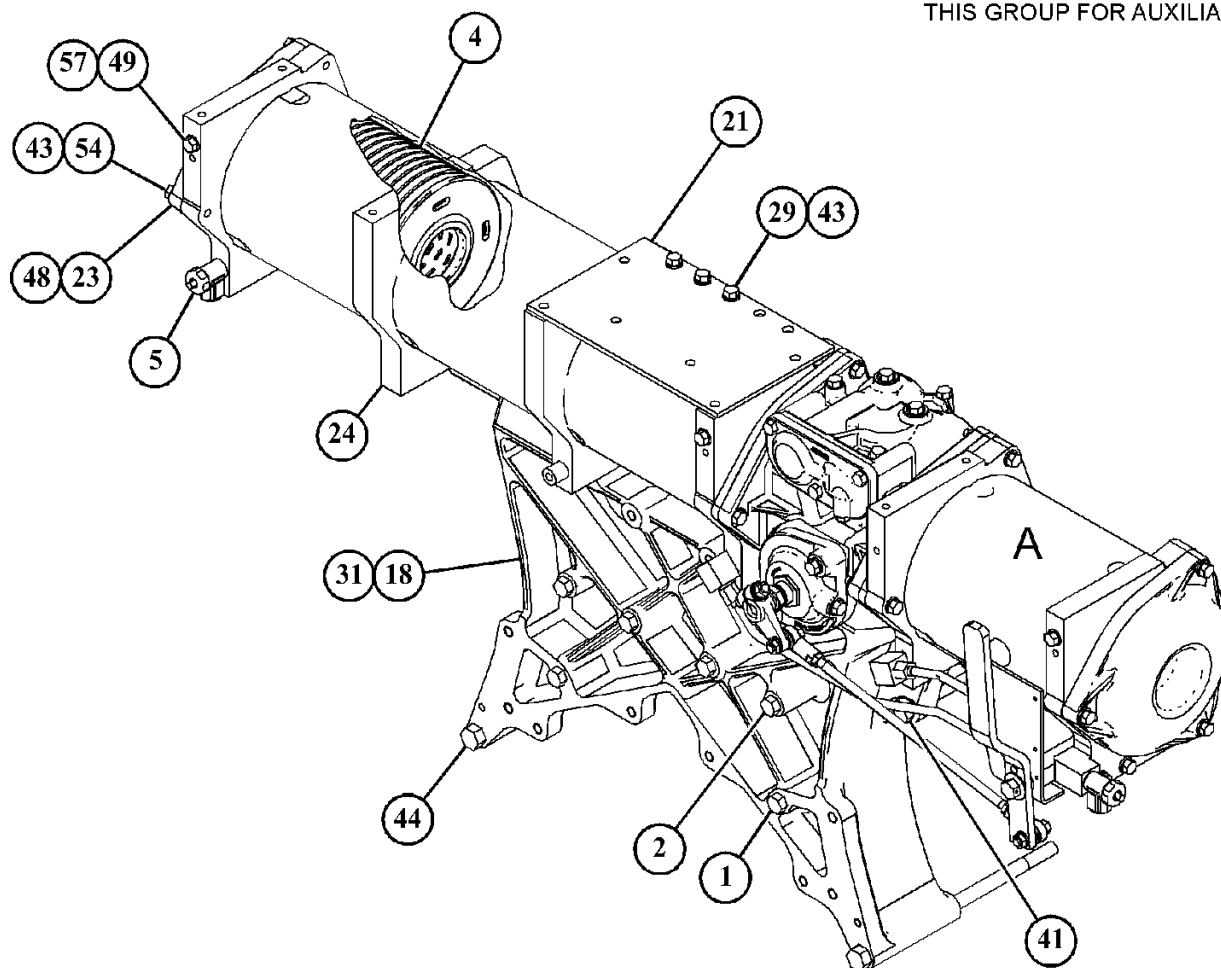
CAT codes: C.

4W-9968 FILTER GP-ENGINE OIL -DUPLEX

4W-9968 FILTER GP-ENGINE OIL -DUPLEX

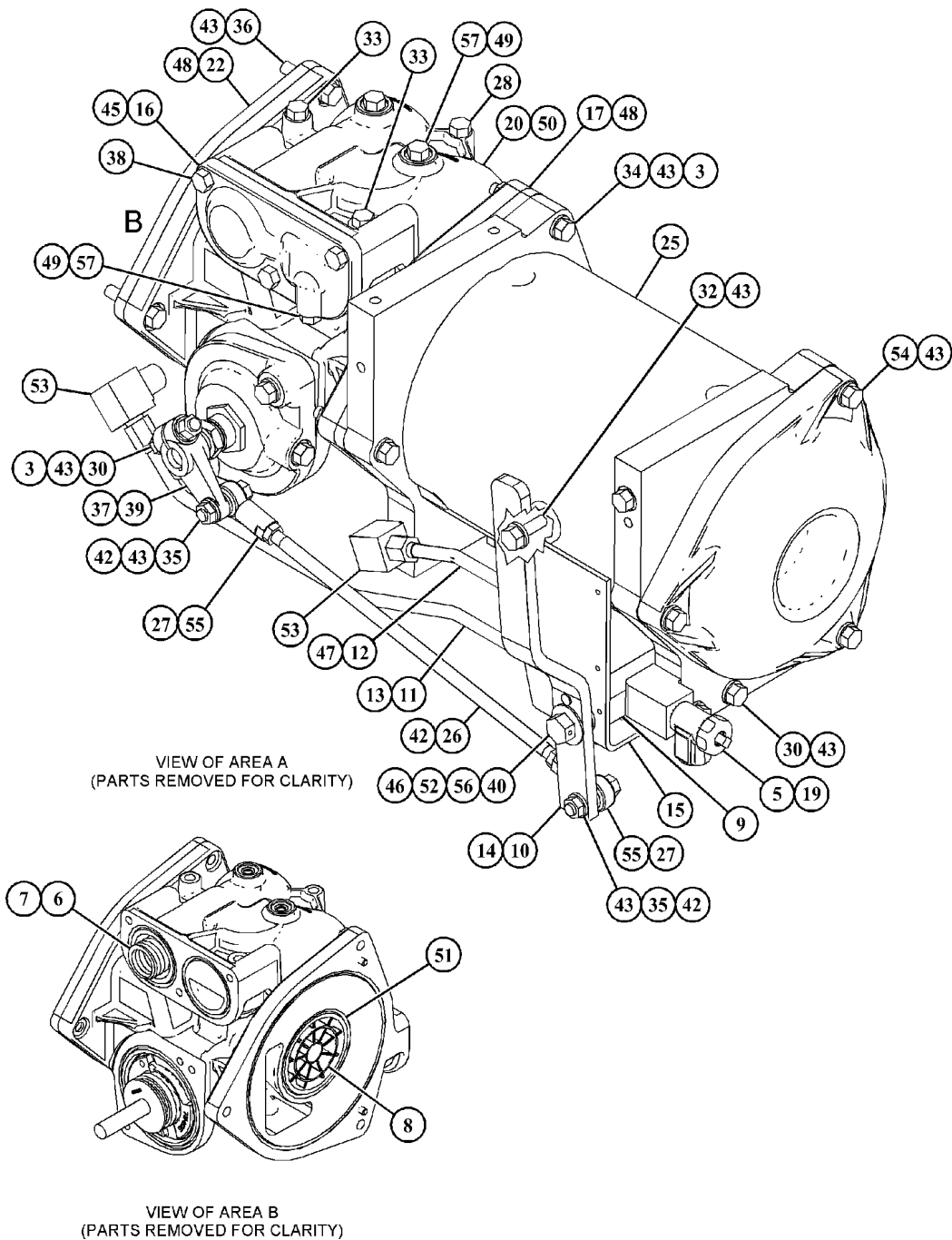
Drawing 1 of 2

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



4W-9968 FILTER GP-ENGINE OIL -DUPLEX (continued)

Drawing 2 of 2



Ref.	Part number	Description	Qty	Code	Group page
1	1D-4574	BOLT (1/2-13X6-IN)	2	B	
2	5P-5421	BOLT (1/2-13X11.5-IN)	4	B	
3	9S-8752	NUT-FULL (3/8-16-THD)	4		
4	1R-0726	FILTER ELEMENT AS-ENGINE OIL (STANDARD EFFICIENCY)	4		
5	2S-5100	VALVE-MANUAL	2		
6	2W-1635	SPRING	1		

4W-9968 FILTER GP-ENGINE OIL -DUPLEX (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	2W-1969	VALVE-BYPASS (OIL COOLER)	1		
8	554-3009	VALVE-CHECK	1		
9	4W-0090	BLOCK	1		
10	4W-0096	LEVER	1		
11	4W-0288	TUBE AS	1		
12	4W-0289	TUBE AS	1		
13	4W-0290	VALVE AS	1		
14	4W-0334	PLUNGER AS-BALL	1		
15	4W-0343	BRACKET	1		
16	4W-5592	COVER	1		
17	7W-3816	VALVE GP-FLUID CONTROL (DUPLEX OIL)	1	Y	
18	8N-9482	SUPPORT-OIL FILTER	1		
19	002-6453	ELBOW	1		
20	111-8639	COVER-BYPASS VALVE	1		
21	133-9313	PLATE	1		
22	155-1690	ADAPTER AS	2		
(EACH INCLUDES)					
	154-1581	RING-RETAINING	1		
23	157-0443	COVER AS	2		
(EACH INCLUDES)					
	7N-2043	DOWEL	1		
24	278-1082	HOUSING AS-FILTER (ENGINE OIL)	1		
	4V-7412	BOSS (3/8-16-THD)	1		
25	278-1083	HOUSING AS-FILTER (AUXILIARY)	1		
26	521-3763	TIE ROD	1		
27	532-8532	SEAL (ROD END)	4		
28	0L-1143	BOLT (3/8-16X2.5-IN)	1		
29	0L-1351	BOLT (3/8-16X0.875-IN)	3		
30	165-3931	BOLT (3/8-16X1.75-IN)	3		
31	0S-1588	BOLT (3/8-16X1.25-IN)	8		
32	0S-1594	BOLT (3/8-16X1-IN)	1		
33	0S-1619	BOLT (3/8-16X3-IN)	2		
34	0T-0573	BOLT (3/8-16X2.75-IN)	3		
35	0T-0924	BOLT (3/8-24X1.5-IN)	2		
36	165-3931	BOLT (3/8-16X1.75-IN)	3		
37	1B-8706	KEY-WOODRUFF	1		

4W-9968 FILTER GP-ENGINE OIL -DUPLEX (continued)

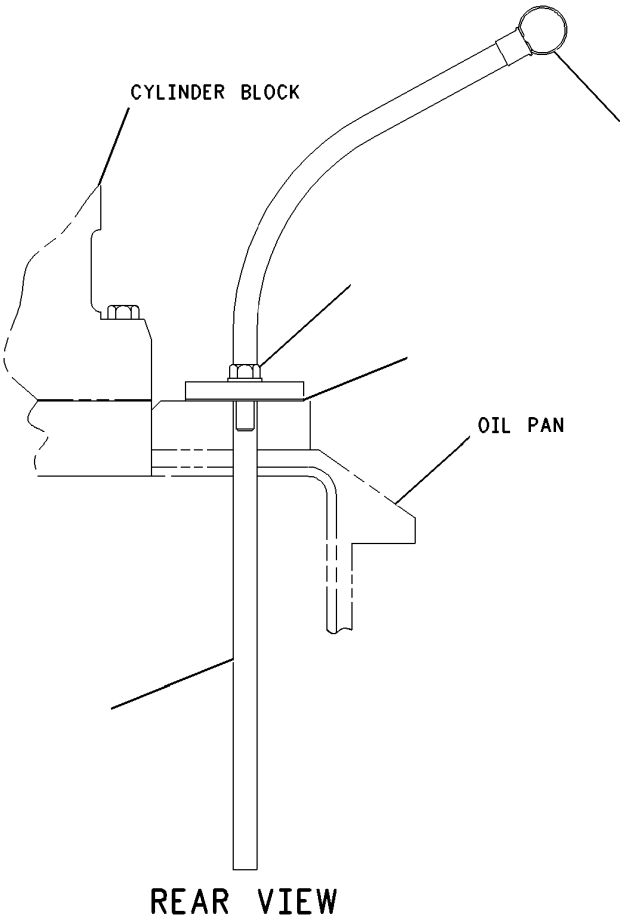
Ref.	Part number	Description	Qty	Code	Group page
38	1M-0644	BOLT (3/8-16X2.25-IN)	3		
39	3D-9777	LEVER	1		
40	3J-9173	BOLT-SPECIAL	1		
41	4S-5882	BOLT (1/2-13X7.25-IN)	2		
42	5B-9079	NUT-JAM (3/8-24-THD)	4		
43	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	27		
44	5P-4624	BOLT (3/4-10X11.5-IN)	2		
45	5P-4892	SEAL-O-RING	4		
46	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	1		
47	6K-9194	ELBOW	1		
48	6V-3907	SEAL-O-RING	6		
49	6V-5048	SEAL-O-RING	6		
50	6V-8001	SEAL-O-RING	1		
51	6V-8002	SEAL-O-RING	1		
52	6V-8823	WASHER-HARD (19.25X27X2-MM THK)	1	C	
53	7D-8793	ELBOW-FLARED	2		
54	7F-0192	BOLT (3/8-16X2-IN)	6		
55	7X-7875	ROD END	2		
56	9K-6540	WASHER-SPRING (0.63X1.25X0.04-IN THK)	1		
57	9S-4182	PLUG (7/16-20-THD)	6		

CAT codes: B, C, Y.

143-7717 GAUGE GP-OIL LEVEL (DIPSTICK)

143-7717 GAUGE GP-OIL LEVEL (DIPSTICK) RH

Drawing 1 of 1

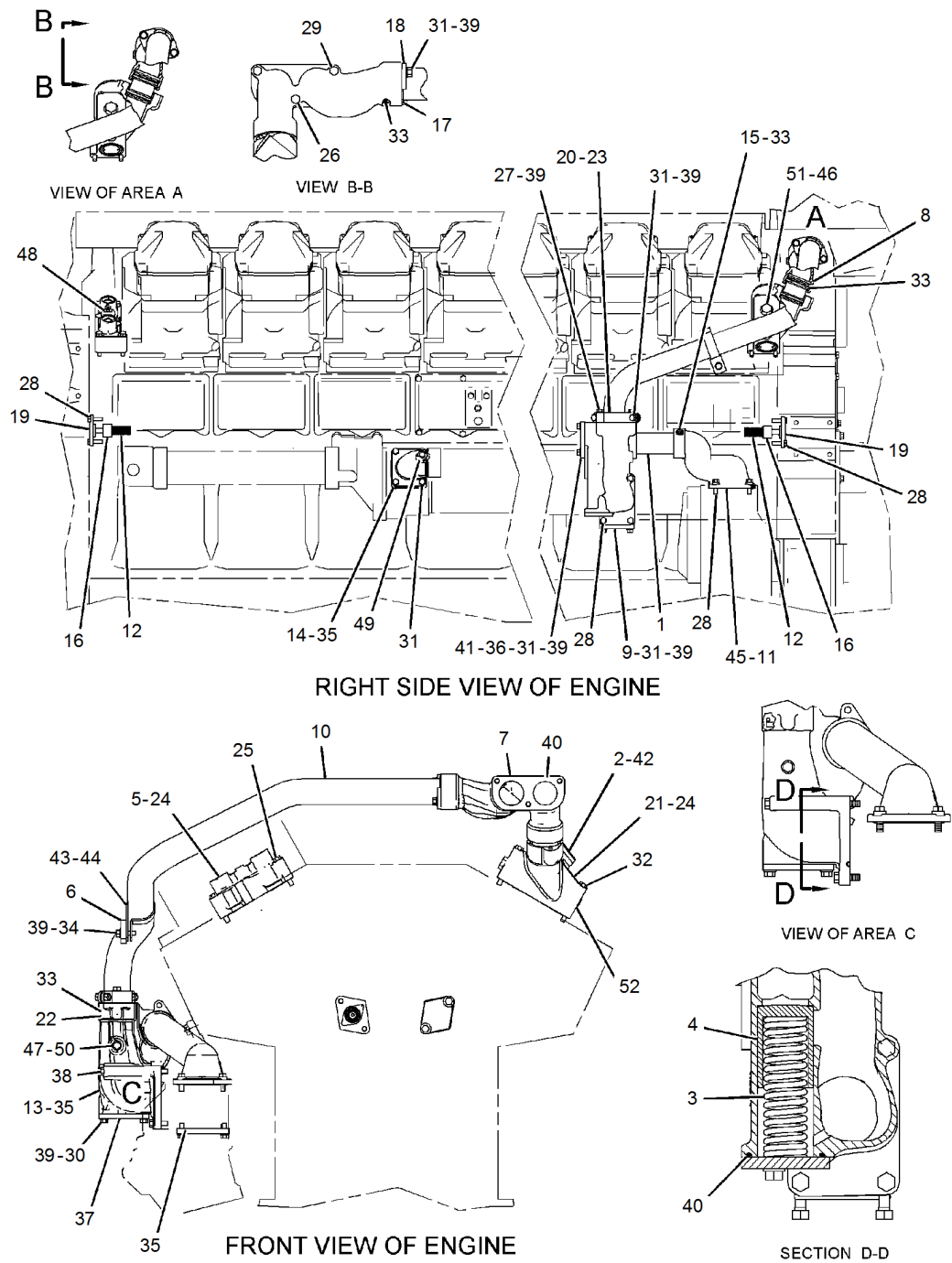


Ref.	Part number	Description	Qty	Code	Group page
1	7E-0467	TUBE AS-OIL GAUGE	1		
2	9L-1480	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	2		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
5	143-7719	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE OIL)	1		

4W-6062 LINES GP-ENGINE OIL

4W-6062 LINES GP-ENGINE OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-3333	TUBE	1		
2	2W-1053	PLUG	1		
3	2W-1635	SPRING	1		
4	2W-1969	VALVE-BYPASS (OIL COOLER)	1		
5	2W-7226	ADAPTER	1		

4W-6062 LINES GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	3H-7131	LUG	1		
7	4W-4313	ADAPTER	1	C	
8	4W-4677	TUBE	1		
9	4W-5597	COVER	1		
10	4W-6066	TUBE	1		
11	6B-0933	SPACER (10.31X19.05X6.35-MM THK)	4		
12	6B-9202	SPRING	2		
13	7C-9217	ELBOW (OIL COOLER BYPASS)	1		
14	7N-5413	ELBOW	1		
15	7N-5416	ELBOW (OUTLET)	1		
16	7N-7697	PLUNGER AS (SEQUENCE VALVE)	2		
(EACH INCLUDES)					
	7M-1808	DOWEL	1		
17	8N-1991	RING-RETAINING	1		
18	8N-1992	RETAINER	2		
19	8N-2929	COVER	2		
20	100-8075	CLAMP AS	1		
21	107-7348	ADAPTER	1		
22	111-3820	RING-RETAINING	1	C	
23	264-0450	CLAMP AS	1		
24	061-9456	SEAL-O-RING	4		
25	0L-1143	BOLT (3/8-16X2.5-IN)	4		
26	0L-1352	BOLT (3/8-16X3.25-IN)	1	C	
27	0S-1571	BOLT (3/8-16X1.75-IN)	2		
28	0S-1588	BOLT (3/8-16X1.25-IN)	10		
29	0S-1590	BOLT (3/8-16X2-IN)	2	C	
30	0S-1591	BOLT (3/8-16X1.5-IN)	2		
31	0S-1594	BOLT (3/8-16X1-IN)	14	C	
32	0T-0065	BOLT (3/8-16X3.5-IN)	4		
33	109-2332	SEAL-O-RING	6		
34	3B-1915	BOLT (3/8-16X1.375-IN)	1		
35	3P-0655	SEAL-O-RING	3		
36	4B-3140	COVER	1		
37	4W-5596	COVER (BY-PASS VALVE)	1		
38	5F-4899	BOLT (3/8-16X5.5-IN)	1		
39	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	15		

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