

CATERPILLAR PM3512

BRF / SEBP3220

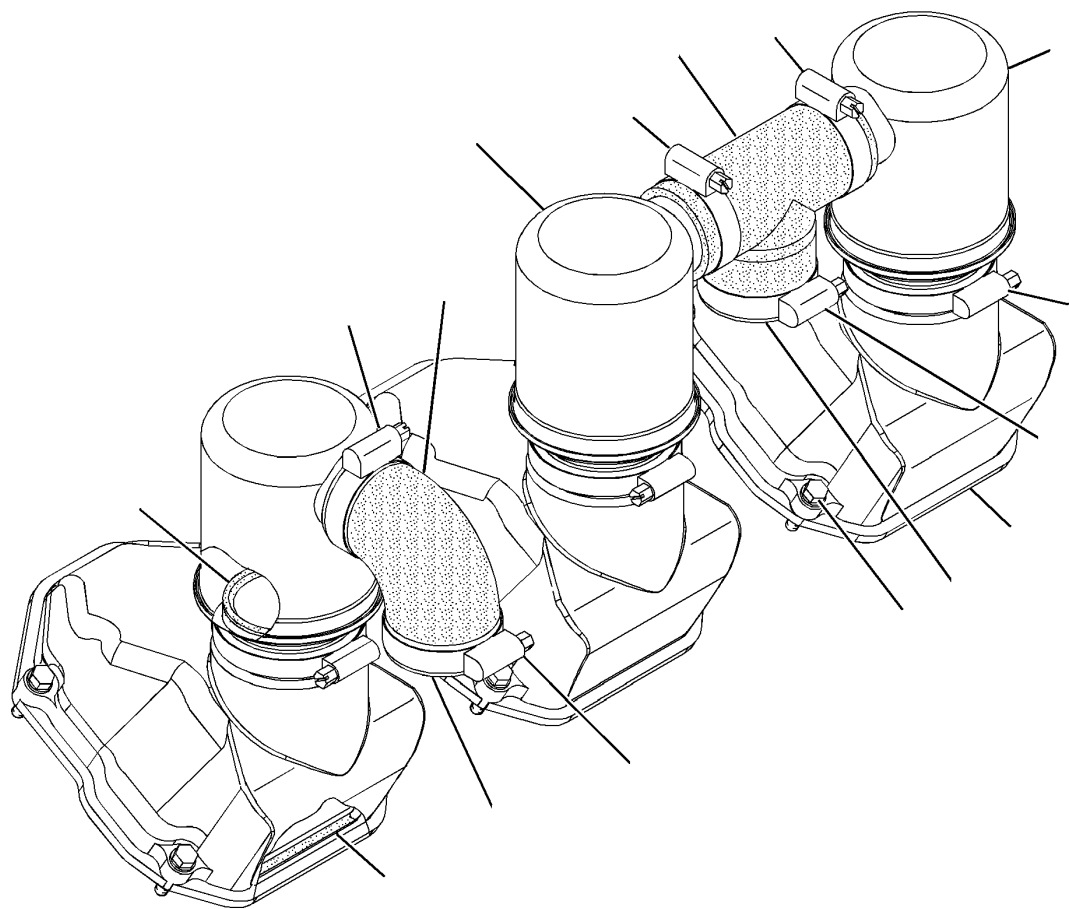
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Basic engine	
Basic engine	
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144-2890 BREATHER GP

144-2890 BREATHER GP S/N 1KZ1-UP

Drawing 1 of 1



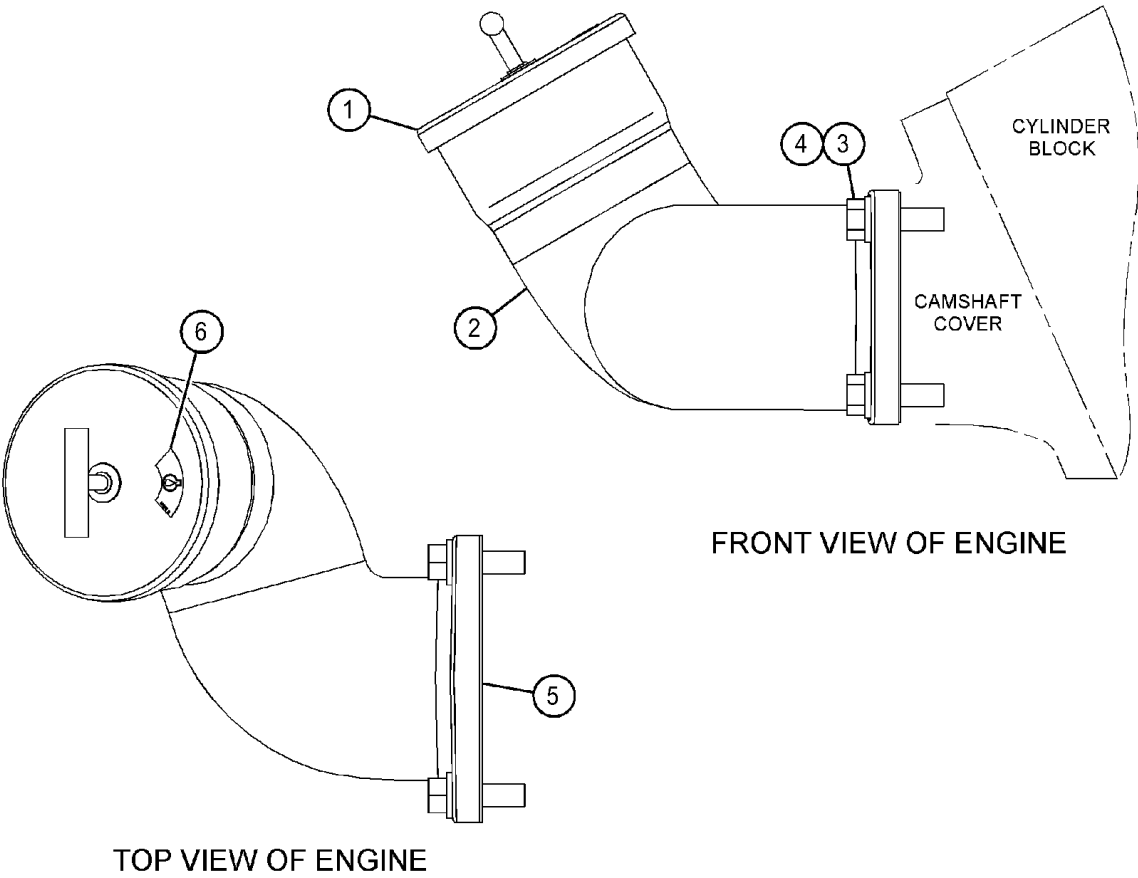
Ref.	Part number	Description	Qty	Code	Group page
1	4W-1450	COVER AS	3		
2	4W-3027	BREATHER AS (CRANKCASE)	3		
3	4W-3034	CLAMP-HOSE	3		
4	5P-0597	CLAMP-HOSE	3		
5	141-7143	HOSE-ELBOW	1		
6	5P-4868	CLAMP-HOSE	2		
7	272-0757	SEAL-VALVE COVER (BREATHER COVER)	3		
8	217-6692	HOSE-TEE	1		
9	033-6031	SEAL-O-RING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

7N-1875 FILLER GP-ENGINE OIL

7N-1875 FILLER GP-ENGINE OIL S/N 1KZ1-UP

Drawing 1 of 1

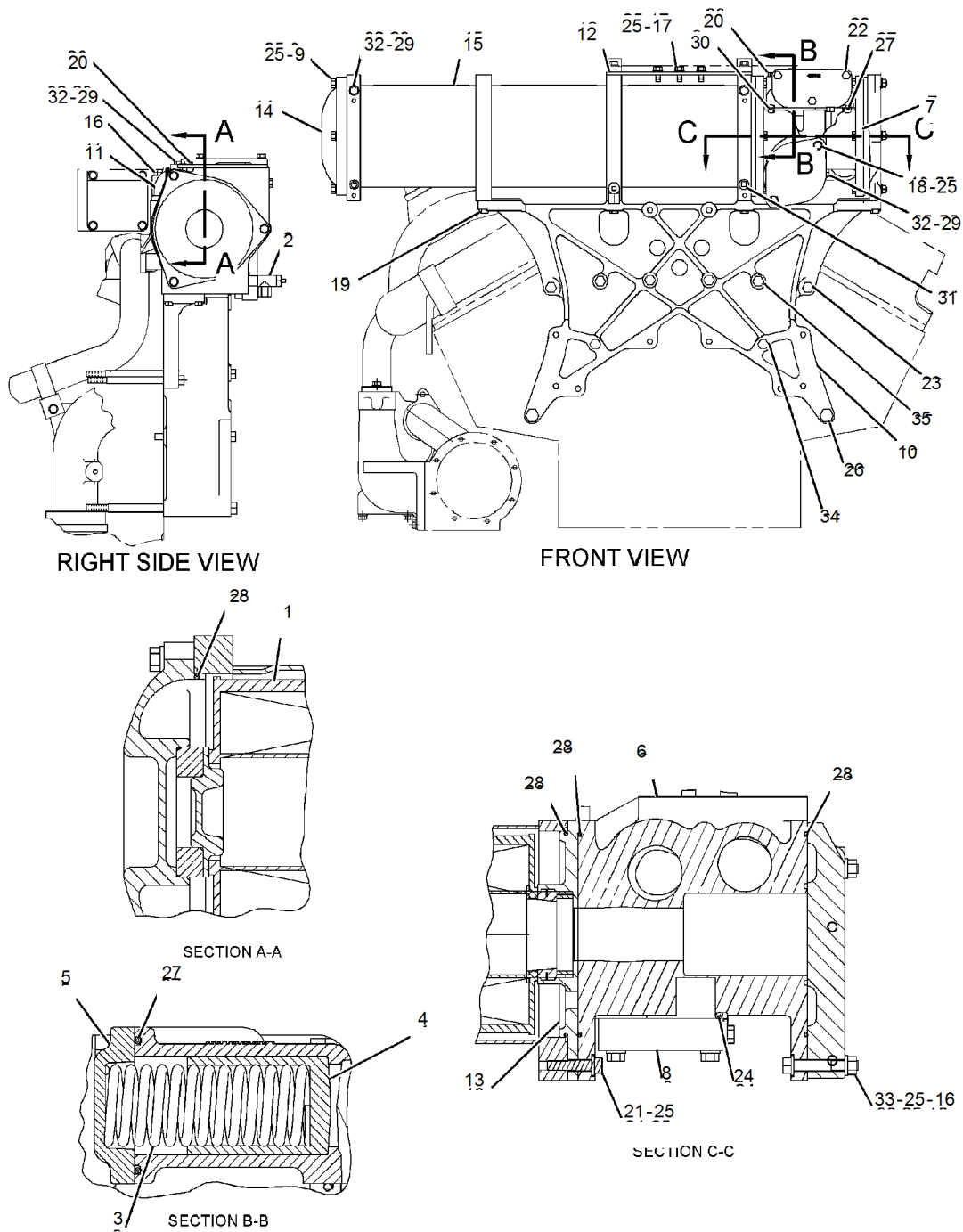


Ref.	Part number	Description	Qty	Code	Group page
1	7L-4447	CAP AS-ENGINE OIL FILLER	1		
2	7N-5336	ELBOW-OIL FILLER	1		
3	0S-1588	BOLT (3/8-16X1.25-IN)	4		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
5	2W-0752	GASKET	1		
6	5P-1175	FILM-IDENTIFICATION (ENGINE OIL FILL)	1		

4W-6874 FILTER GP-ENGINE OIL -RH

4W-6874 FILTER GP-ENGINE OIL -RH S/N 1KZ1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1R-0726	FILTER ELEMENT AS-ENGINE OIL (STANDARD EFFICIENCY)	3		
2	2S-5100	VALVE-MANUAL	1		
3	2W-1635	SPRING	1		
4	2W-1969	VALVE-BYPASS (OIL COOLER)	1		
5	4W-5592	COVER	1		

4W-6874 FILTER GP-ENGINE OIL -RH (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	4W-6387	HOUSING AS (BYPASS)	1		
	7N-2043	DOWEL	3		
7	4W-6960	SUPPORT-HOUSING	1		
8	339-5148	COVER	1		
9	7F-0192	BOLT (3/8-16X2-IN)	3		
10	8N-9482	SUPPORT-OIL FILTER	1		
11	111-8639	COVER-BYPASS VALVE	1		
12	133-9313	PLATE	1		
13	155-1690	ADAPTER AS	1	C	
	154-1581	RING-RETAINING	1		
14	157-0443	COVER AS	1	C	
	7N-2043	DOWEL	1		
15	278-1082	HOUSING AS-FILTER (ENGINE OIL)	1	C	
	4V-7412	BOSS (3/8-16-THD)	1		
16	0L-1143	BOLT (3/8-16X2.5-IN)	4		
17	0L-1351	BOLT (3/8-16X0.875-IN)	3		
18	0S-1571	BOLT (3/8-16X1.75-IN)	2		
19	0S-1588	BOLT (3/8-16X1.25-IN)	8		
20	0S-1619	BOLT (3/8-16X3-IN)	2		
21	165-3931	BOLT (3/8-16X1.75-IN)	3		
22	1M-0644	BOLT (3/8-16X2.25-IN)	3		
23	4S-5882	BOLT (1/2-13X7.25-IN)	2		
24	5D-5957	SEAL-O-RING	1		
25	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	17		
26	5P-4624	BOLT (3/4-10X11.5-IN)	2		
27	5P-4892	SEAL-O-RING	4		
28	6V-3907	SEAL-O-RING	4		
29	6V-5048	SEAL-O-RING	6		
30	6V-8001	SEAL-O-RING	1		
31	8T-6762	PLUG-PIPE (1/2-14-THD)	1	C	
32	9S-4182	PLUG (7/16-20-THD)	6		
33	9S-8752	NUT-FULL (3/8-16-THD)	3		
34	1D-4574	BOLT (1/2-13X6-IN)	2	B	
35	5P-5421	BOLT (1/2-13X11.5-IN)	4	B	

CAT codes: B, C.

140-2665 FUMES DISPOSAL GP

140-2665 FUMES DISPOSAL GP S/N BRF1-UP FOR USE WITH POWER MODULE AN ATTACHMENT

Kit / parts list. The current source card does not provide a separate drawing.

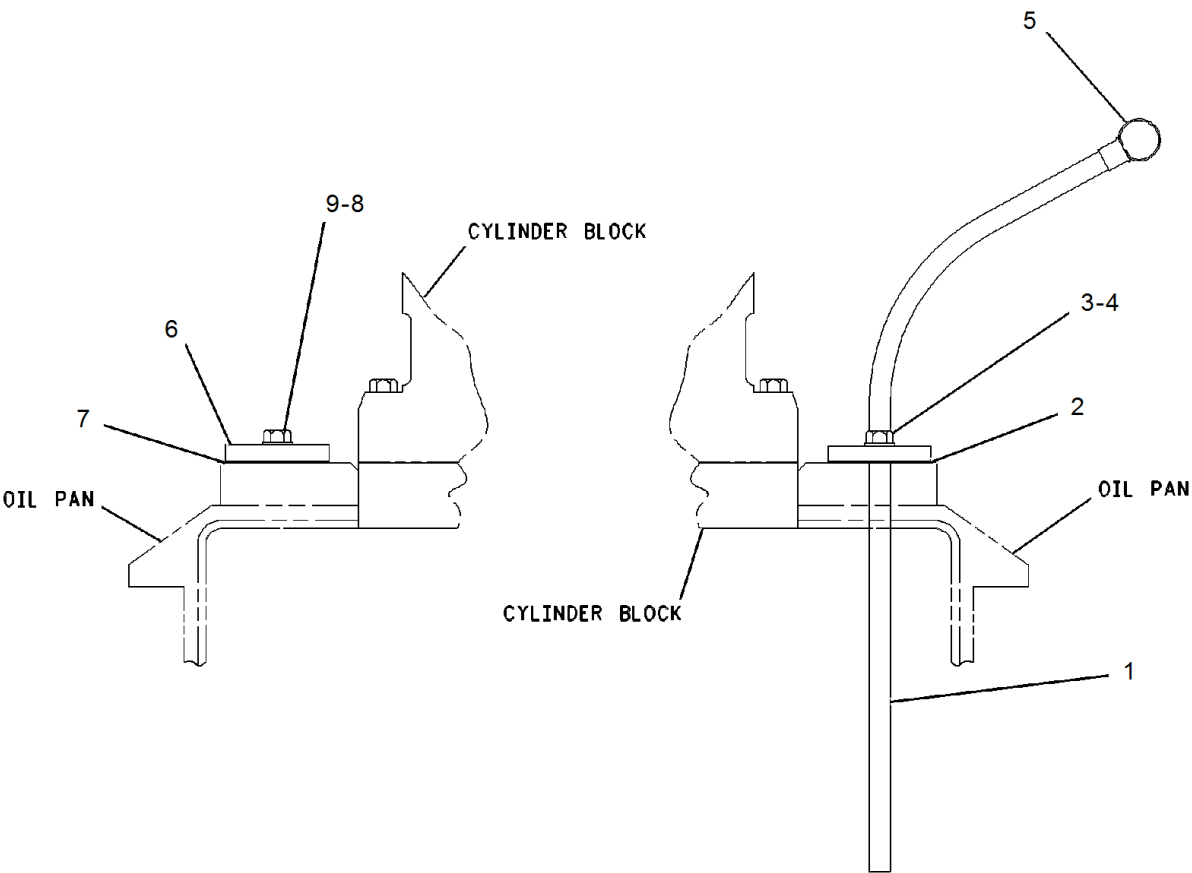
Ref.	Part number	Description	Qty	Code	Group page
	154-2796	TUBE AS	2		
	8T-9043	BOLT (5/16-18X0.875-IN)	2		
	5P-0597	CLAMP-HOSE	2		
	5P-1472	HOSE (580-CM)		E	
	5P-4116	WASHER-HARD (8.8X20.5X2-MM THK)	2		

CAT codes: E.

7C-6366 GAUGE GP-OIL LEVEL (DIPSTICK)

7C-6366 GAUGE GP-OIL LEVEL (DIPSTICK) S/N 1KZ1-UP

Drawing 1 of 1



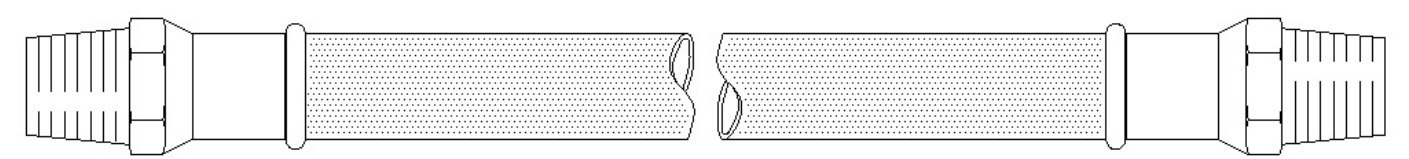
Ref.	Part number	Description	Qty	Code	Group page
1	7E-0467	TUBE AS-OIL GAUGE	1		
2	9L-1480	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	2		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
5	4P-3784	GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE)	1		
6	4B-3140	COVER	1	B	
7	9L-1480	GASKET	1	B	
8	0S-1594	BOLT (3/8-16X1-IN)	2	B	
9	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2	B	

CAT codes: B.

3N-4905 HOSE AS

3N-4905 HOSE AS S/N BRF1-UP 762-MM LENGTH AN ATTACHMENT

Drawing 1 of 1

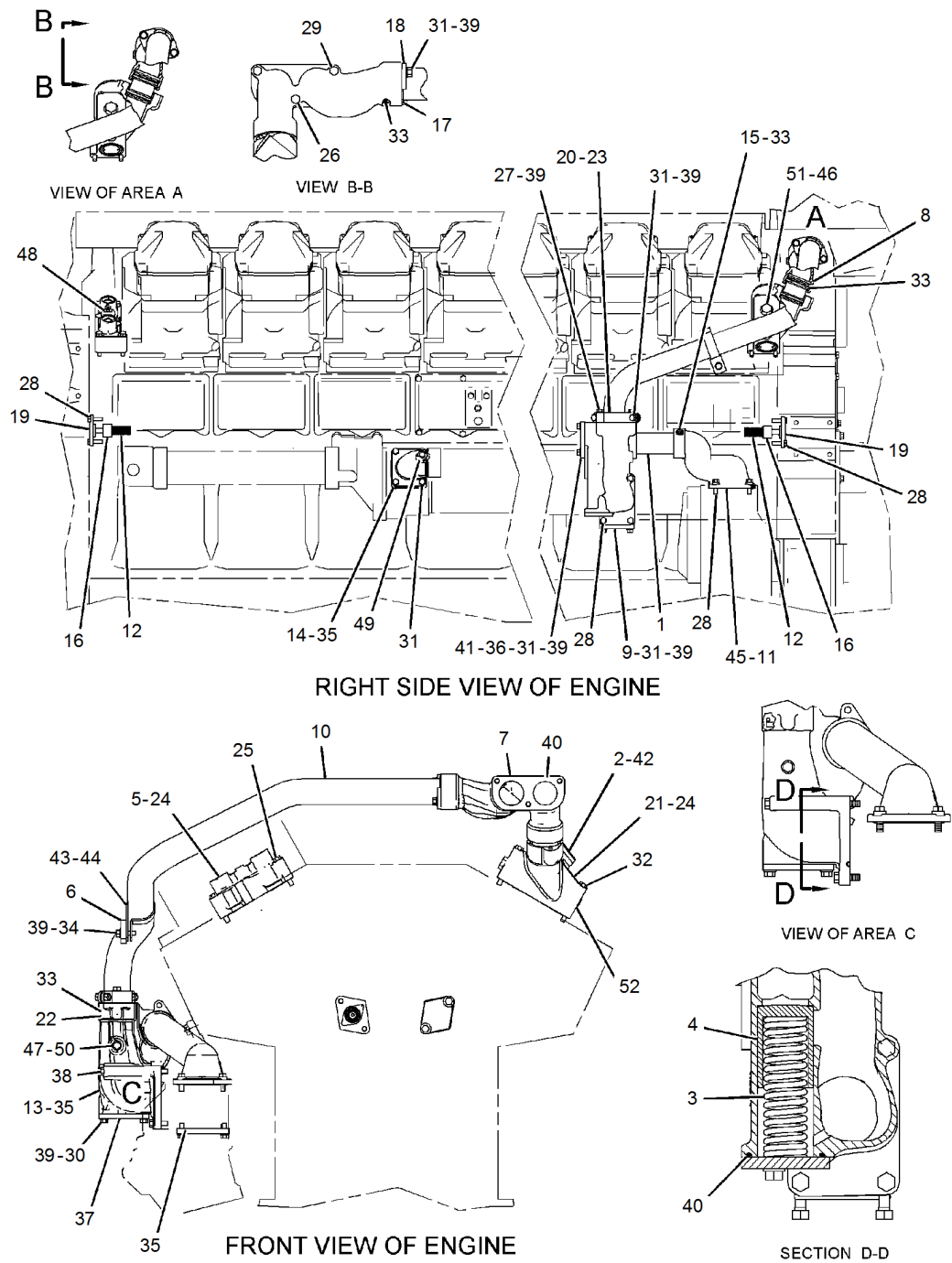


Ref.	Part number	Description	Qty	Code	Group
			.		page
(NO SERVICED PARTS)					

4W-6062 LINES GP-ENGINE OIL

4W-6062 LINES GP-ENGINE OIL S/N 1KZ1-UP

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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