

CATERPILLAR 3512

PTH / SEBP3453

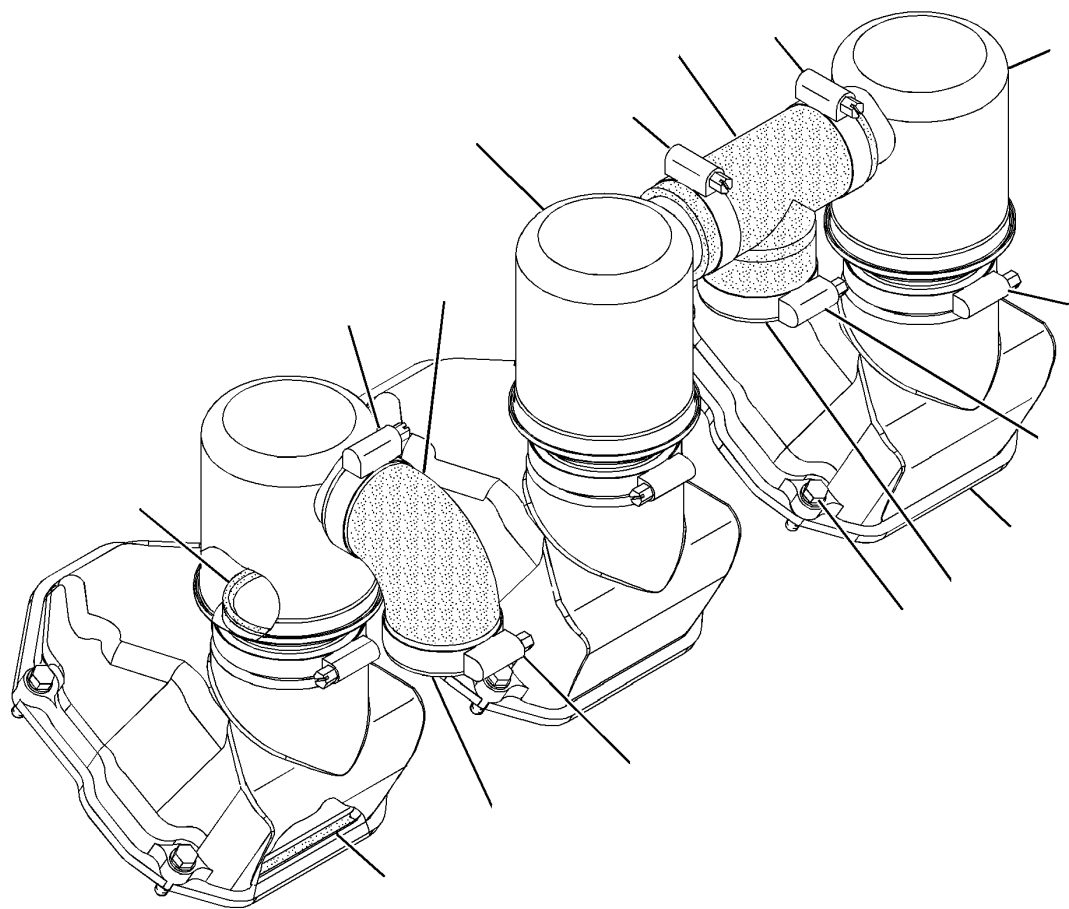
Contents

Section	Page
Lubrication system	2
Cooling system	
Air inlet and exhaust	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Electrical and electronics	
Air inlet and exhaust	
Frame, guards and enclosure	
Undercarriage	

144-2890 BREATHER GP

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

Drawing 1 of 1



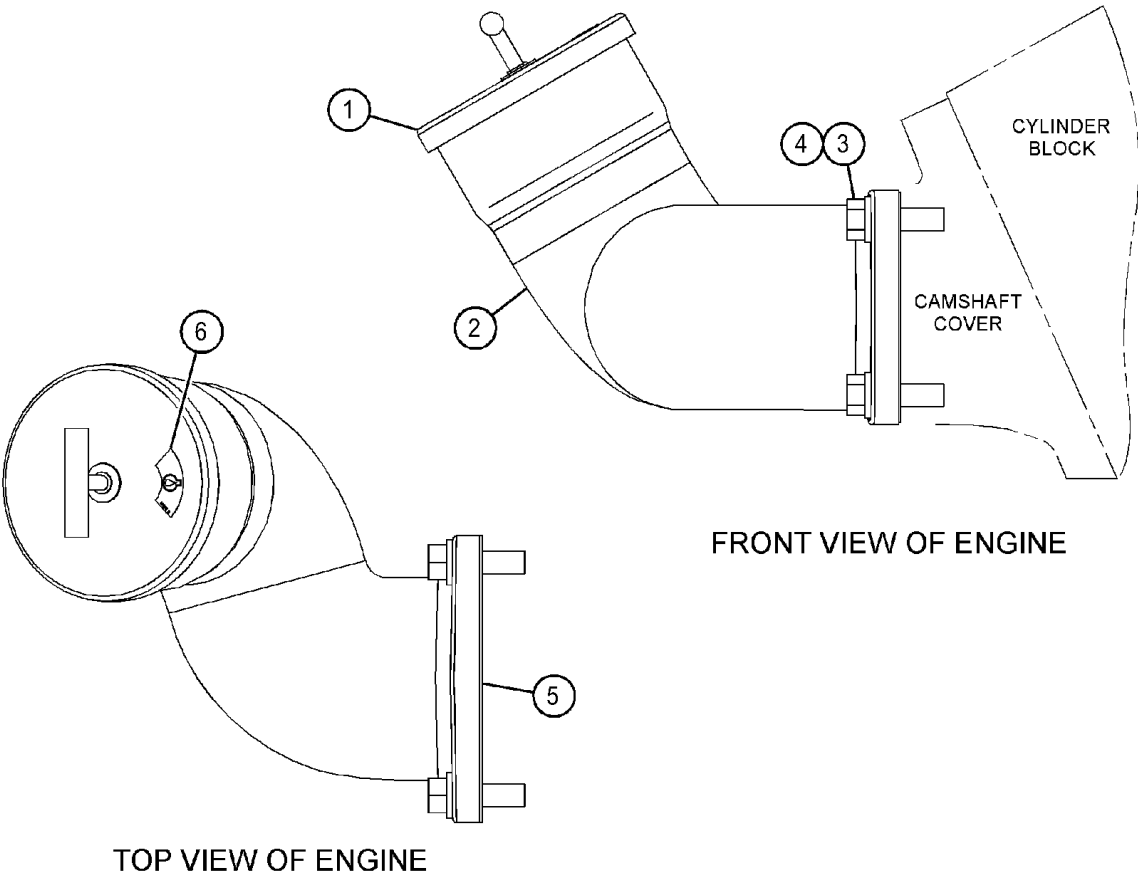
Ref.	Part number	Description	Qty	Code	Group page
1	4W-1450	COVER AS	3		
2	4W-3027	BREATHER AS (CRANKCASE)	3		
3	4W-3034	CLAMP-HOSE	3		
4	5P-0597	CLAMP-HOSE	3		
5	141-7143	HOSE-ELBOW	1		
6	5P-4868	CLAMP-HOSE	2		
7	272-0757	SEAL-VALVE COVER (BREATHER COVER)	3		
8	217-6692	HOSE-TEE	1		
9	033-6031	SEAL-O-RING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

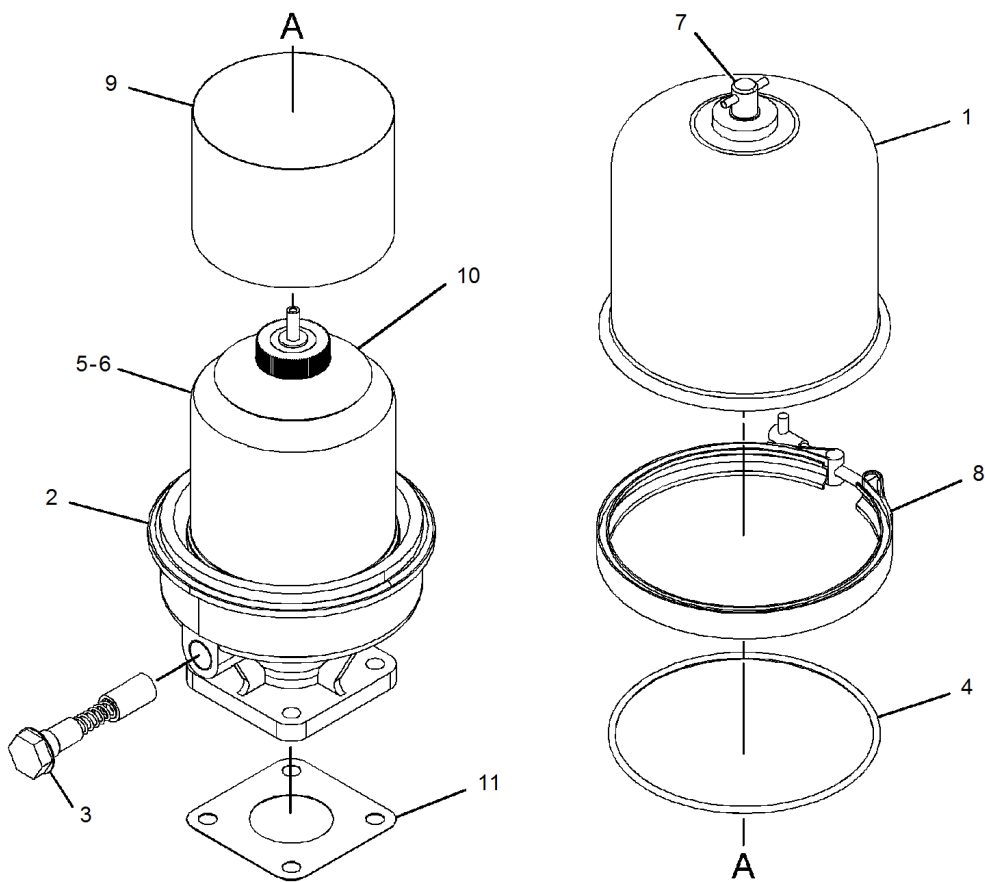


Ref.	Part number	Description	Qty	Code	Group page
1	7L-4447	CAP AS-ENGINE OIL FILLER	1		
2	7N-5336	ELBOW-OIL FILLER	1		
3	0S-1588	BOLT (3/8-16X1.25-IN)	4		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
5	2W-0752	GASKET	1		
6	5P-1175	FILM-IDENTIFICATION (ENGINE OIL FILL)	1		

1W-4191 FILTER GP-CENTRIFUGAL

1W-4191 FILTER GP-CENTRIFUGAL S/N PTH1-UP PART OF 237-0905 FILTER GP-CENTRIFUGAL AN ATTACHMENT

Drawing 1 of 1

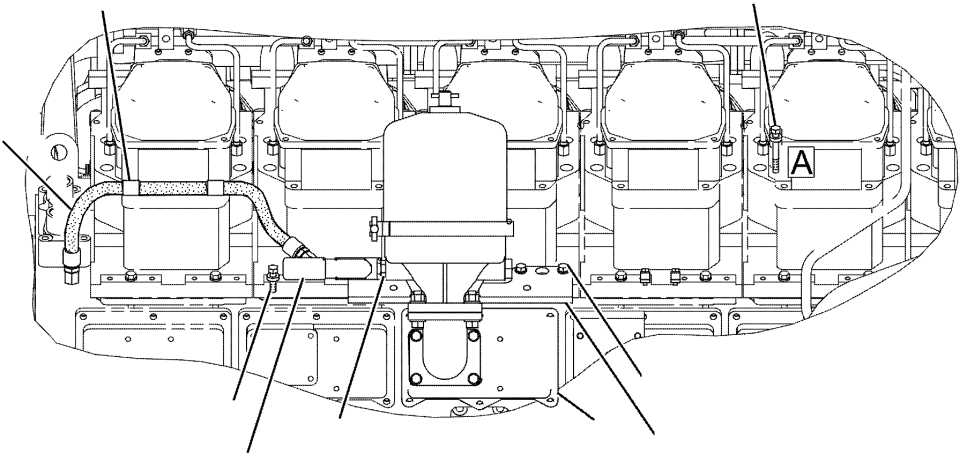


Ref.	Part number	Description	Qty	Code	Group page
1	7C-4415	COVER AS-FILTER	1		
2	7C-4416	BODY-FILTER	1		
3	7C-4417	KIT-VALVE CUTOFF (OIL FILTER)	1		
(INCLUDES SHUTTLE, PLUG, SPRING & WASHER)					
4	6V-3349	SEAL-O-RING	1		
5	7C-4420	ROTOR AS	1		
6	7C-4421	SEAL-O-RING	1		
7	7C-4422	KIT-COVER-FILTER (OIL FILTER)	1		
(INCLUDES COVER, PIN, SEAL & CLIP)					
8	7C-4423	CLAMP	1		
9	7C-8390	LINER-ROTOR (CENTRIFUGAL FILTER)	1		
10	168-6357	PLATE-STIFFENER	1		
11	7C-5485	GASKET-FLANGE (CENTRIFUGAL FILTER)	1		

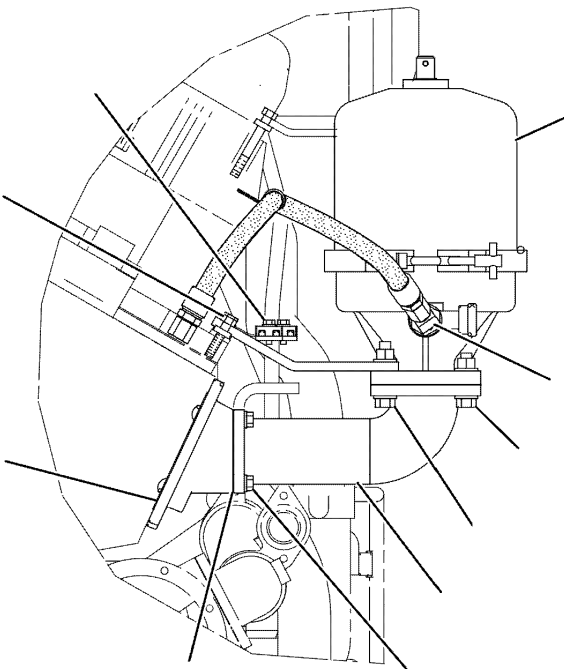
237-0905 FILTER GP-CENTRIFUGAL -CENTRIFUGAL

237-0905 FILTER GP-CENTRIFUGAL -CENTRIFUGAL S/N PTH1-UP FOR USE WITH HYDRA-MECHANICAL SHUTOFF, RH MOUNT AN ATTACHMENT

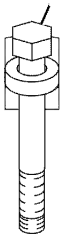
Drawing 1 of 1



RIGHT SIDE VIEW



REAR VIEW



VIEW OF AREA A
(FOR MODELS GS103,
GS107, AND GS108)

Ref.	Part number	Description	Qty	Code	Group page
1	1W-4191	FILTER GP-CENTRIFUGAL	1	Y	
2	2V-8571	HOSE AS	1	I	
3	2W-0752	GASKET	1		
4	4R-8658	VALVE AS-MANUAL	1		

237-0905 FILTER GP-CENTRIFUGAL -CENTRIFUGAL (continued)

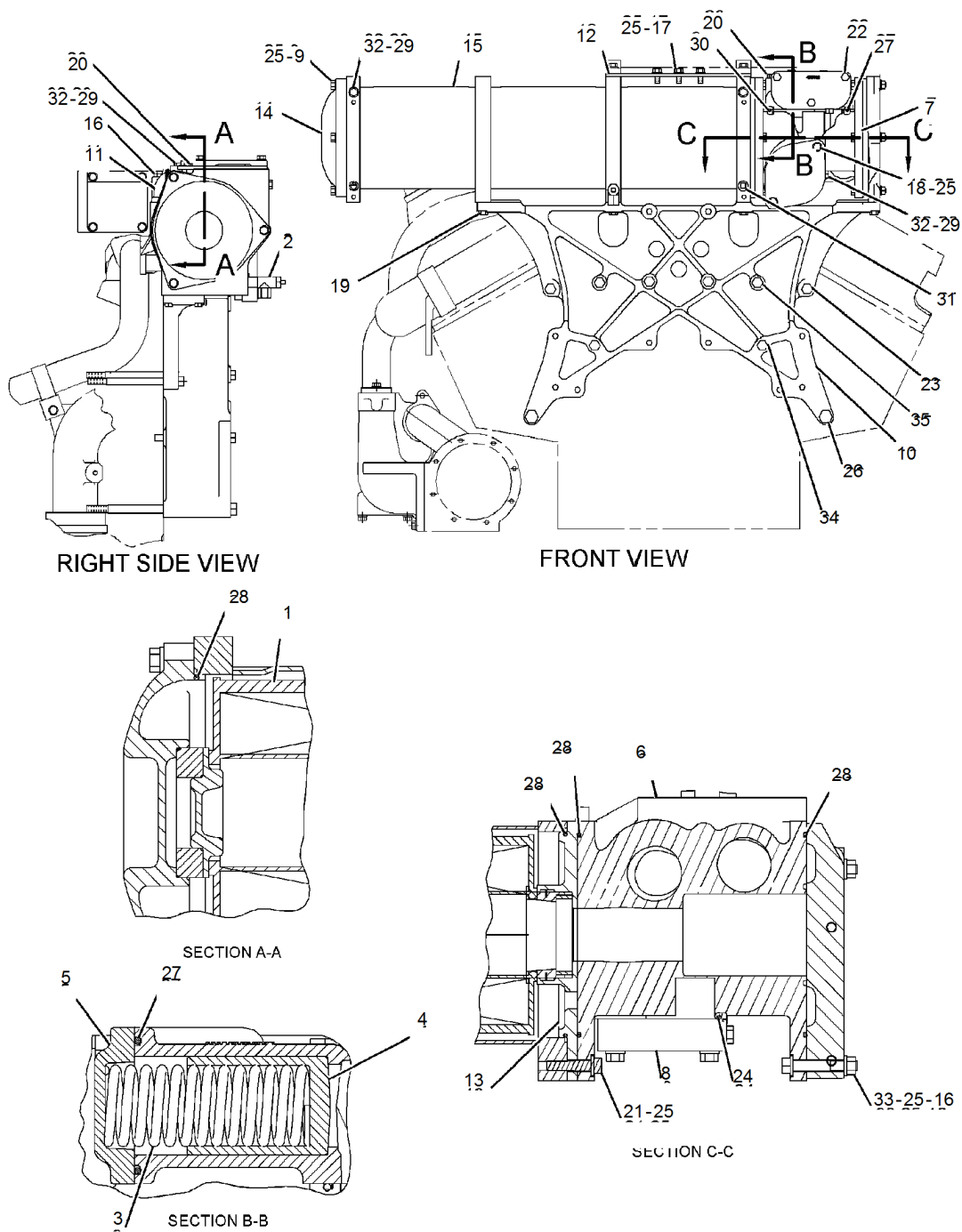
Ref.	Part number	Description	Qty	Code	Group page
5	5N-9230	CLAMP-TUBE	2		
6	8M-9124	WASHER (10X22.5X8-MM THK)	1		
7	8N-9993	COVER-CAMSHAFT	1		
8	9R-5008	SPACER (11X20X6-MM THK)	2		
9	118-5542	SUPPORT	1		
10	123-6868	ELBOW AS	1		
11	272-0758	SEAL	1		
12	0S-1571	BOLT (3/8-16X1.75-IN)	1		
13	0S-1588	BOLT (3/8-16X1.25-IN)	4		
14	0S-1591	BOLT (3/8-16X1.5-IN)	1		
15	1A-1460	BOLT (1/2-13X2-IN)	2		
16	1A-2029	BOLT (3/8-16X1.125-IN)	4		
17	1F-7958	NUT-FULL (1/2-13-THD)	4		
18	2M-9780	SEAL-O-RING	1		
19	2N-1288	ELBOW	1		
20	2W-4379	PLATE	2		
21	3B-7255	BUSHING-REDUCING	1		
22	4F-7957	BOLT (1/4-20X0.875-IN)	2		
23	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	8		
24	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		
25	5P-4295	CLIP	2		
26	5P-5877	CONNECTOR	1		
27	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	8		
28	9S-1366	BOLT (1/2-13X2.5-IN)	2		
30	0T-0573	BOLT (3/8-16X2.75-IN)	1	B	
31	0S-1619	BOLT (3/8-16X3-IN)	1	B	

CAT codes: B, I, Y.

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	1		
5	4W-5592	COVER	1		

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

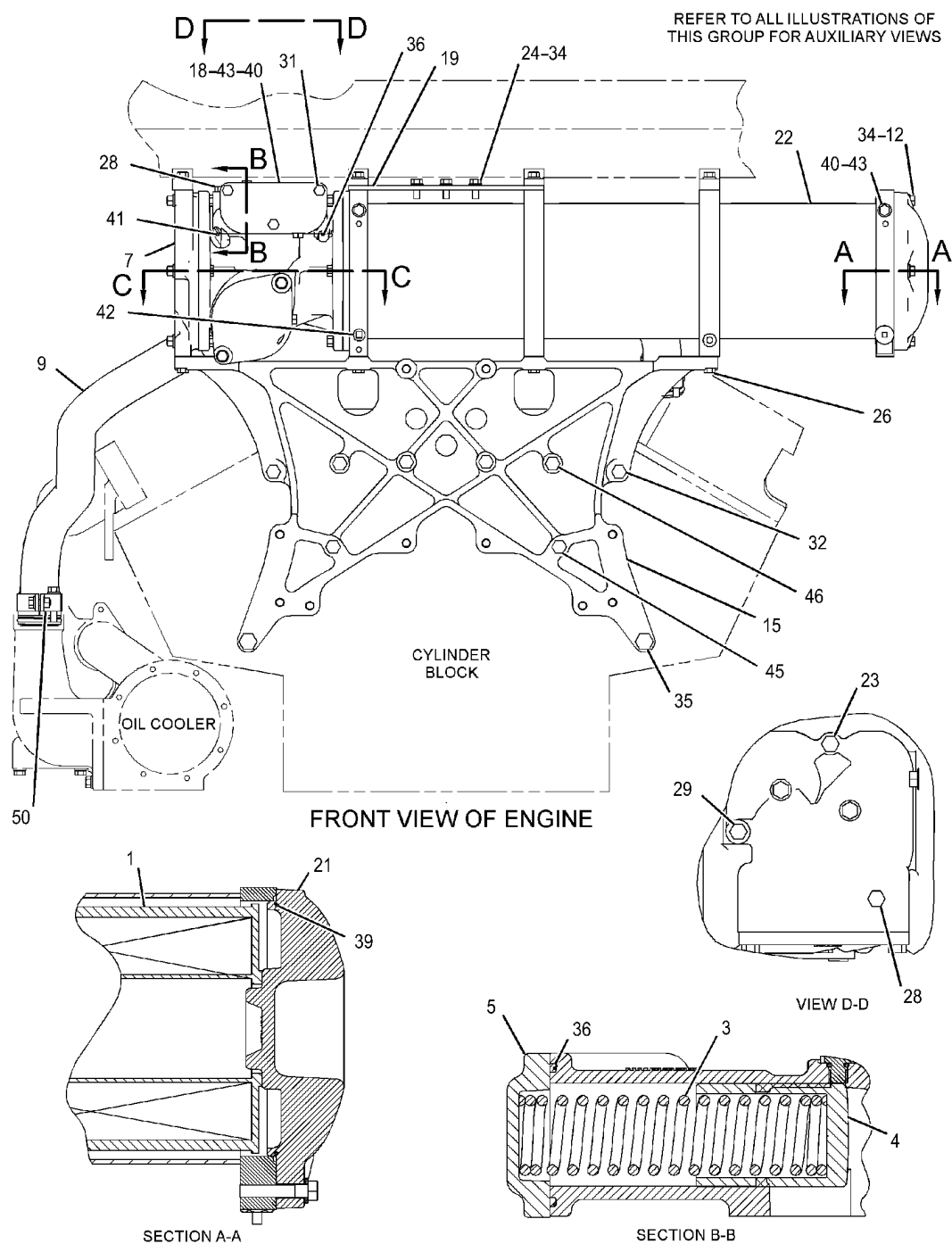
Ref.	Part number	Description	Qty	Code	Group page
6	4W-6387	HOUSING AS (BYPASS)	1		
	7N-2043	DOWEL	3		
7	4W-6960	SUPPORT-HOUSING	1		
8	339-5148	COVER	1		
9	7F-0192	BOLT (3/8-16X2-IN)	3		
10	8N-9482	SUPPORT-OIL FILTER	1		
11	111-8639	COVER-BYPASS VALVE	1		
12	133-9313	PLATE	1		
13	155-1690	ADAPTER AS	1	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	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.

4W-7078 FILTER GP-ENGINE OIL -LH

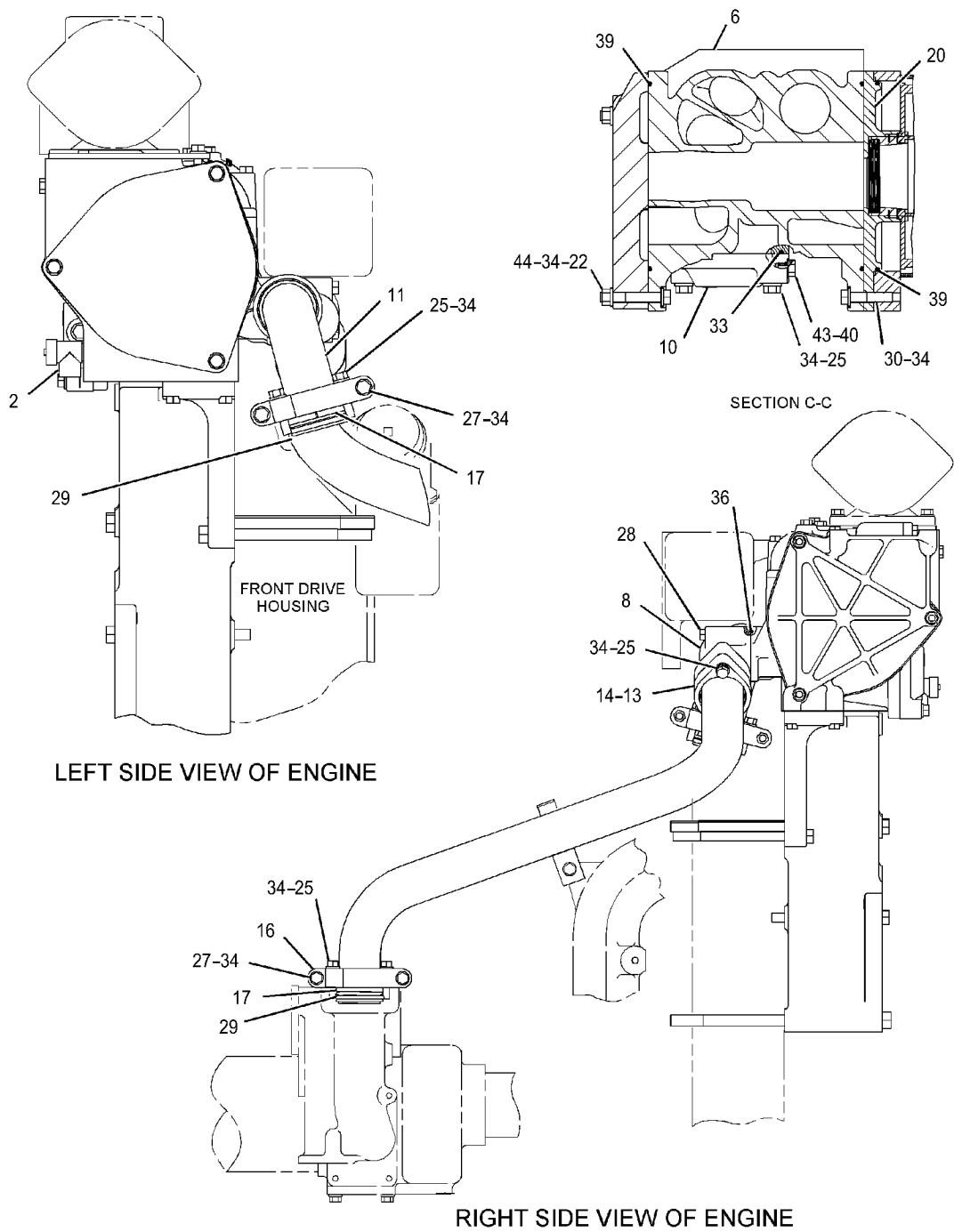
4W-7078 FILTER GP-ENGINE OIL -LH S/N PTH1-UP FOR USE WITH 4W-6062 AN ATTACHMENT

Drawing 1 of 2



4W-7078 FILTER GP-ENGINE OIL -LH (continued)

Drawing 2 of 2



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	1		
5	4W-5592	COVER	1		
6	4W-6387	HOUSING AS (BYPASS)	1		

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