

CATERPILLAR 931

78U / SEBP1190

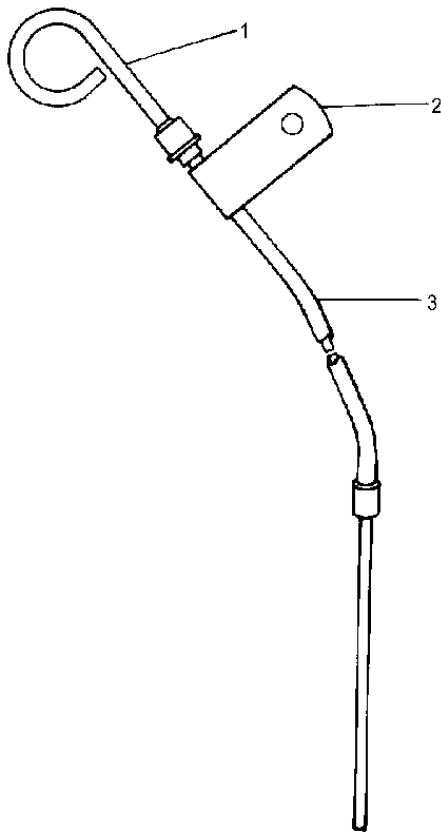
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4N-0185 GAUGE GP-OIL LEVEL (DIPSTICK)

4N185 OIL LEVEL GAUGE GROUP--Engine

Drawing 1 of 1



REF. NO	PART NUMBER	DESCRIPTION	QTY
1	4N 234	GAUGE ASSEM. -----	1
2	7B 9919	CLIP-----	1
3	4N 230	TUBE ASSEM. -----	1

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Ref.	Part number	Description	Qty	Code	Group page
1	4N-0234	GAUGE ASSEM.	1		
2	7B-9919	CLIP	1		
3	4N-0230	TUBE ASSEM.	1		

9L-9200 FILTER AS-OIL

9L9200 OIL FILTER ASSEMBLY--Engine

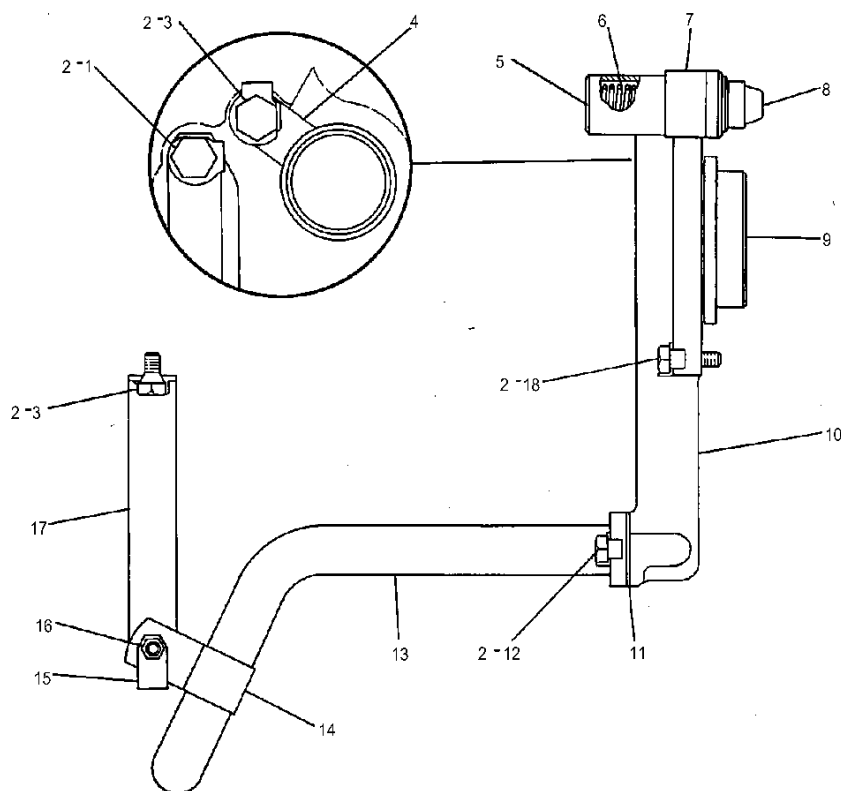
Drawing unavailable in the current source. The parts list is preserved below.

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP1190/SEBP11900020 yet.					

4N-0193 PUMP GP-ENGINE OIL

4N193 OIL PUMP GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A9579	BOLT	1
2	1M7390	LOCK	7
3	2H3755	BOLT	2
4	4N246	CLIP	1
5	9L7635	GUIDE	1
6	9L9243	SPRING	1
7	4N245	SLEEVE	1
8	9L9235	PLUNGER	1
9	4N94	ROTOR ASSEM.	1
10	4N71	COVER	1
11	7N5450	GASKET	1
12	2B2695	BOLT	2
13	4N70	TUBE ASSEM.	1
14	2L9653	CLIP	1
15	2N3389	LOCK	1
16	S1617	BOLT	1
17	1D4716	NUT	1
18	4N244	STRAP	1
	S1618	BOLT	2

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Ref.	Part number	Description	Qty	Code	Group page
1	1A-9579	BOLT	1		
2	1M-7390	LOCK	7		
3	2H-3755	BOLT	2		
4	4N-0246	CLIP	1		
5	9L-7635	GUIDE	1		
6	9L-9243	SPRING	1		
7	4N-0245	SLEEVE	1		
8	9L-9235	PLUNGER	1		
9	4N-0094	ROTOR ASSEM.	1		
10	4N-0071	COVER	1		
11	7N-5450	GASKET	1	C	
12	2B-2695	BOLT	2		
13	4N-0070	TUBE ASSEM.	1		
14	2L-9653	CLIP	1		
15	2N-3389	LOCK	1		

4N-0193 PUMP GP-ENGINE OIL (continued)

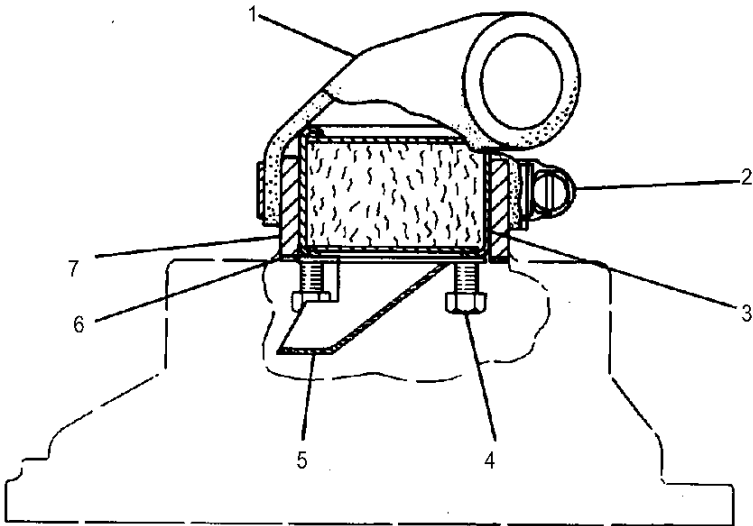
Ref.	Part number	Description	Qty	Code	Group page
16	0S-1617	BOLT	1		
	1D-4716	NUT	1		
17	4N-0244	STRAP	1		
18	0S-1618	BOLT	2		

CAT codes: C.

6N-3382 BREATHER GP

6N3382 BREATHER GROUP--Crankcase

Drawing 1 of 1

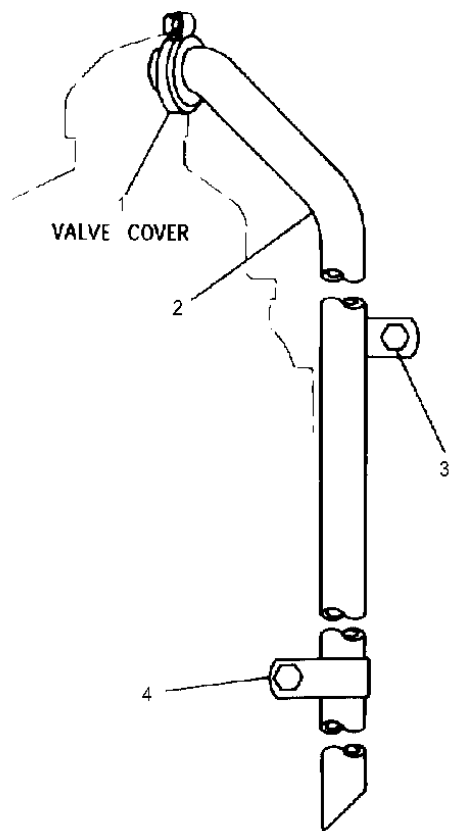


Ref.	Part number	Description	Qty	Code	Group page
1	4N-0489	BOOT-DISPOSAL	1		
2	9M-0164	CLAMP-HOSE	1		
3	4N-0490	ELEMENT-BREATHER	1		
4	5M-6755	SCREW-MACHINE	4		
5	4N-0491	BAFFLE-BREATHER	1		
6	9L-8786	GASKET	1		
7	4N-0492	PIPE-BREATHER	1		

6N-2404 FUMES DISPOSAL GROUP

6N2404 FUMES DISPOSAL GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S3440	CLAMP-----	1
2	4N494	TUBE ASSEM. -----	1
3	S1617	BOLT-----	1
3	9M1974	WASHER-----	1
4	9L2403	CLIP-----	1

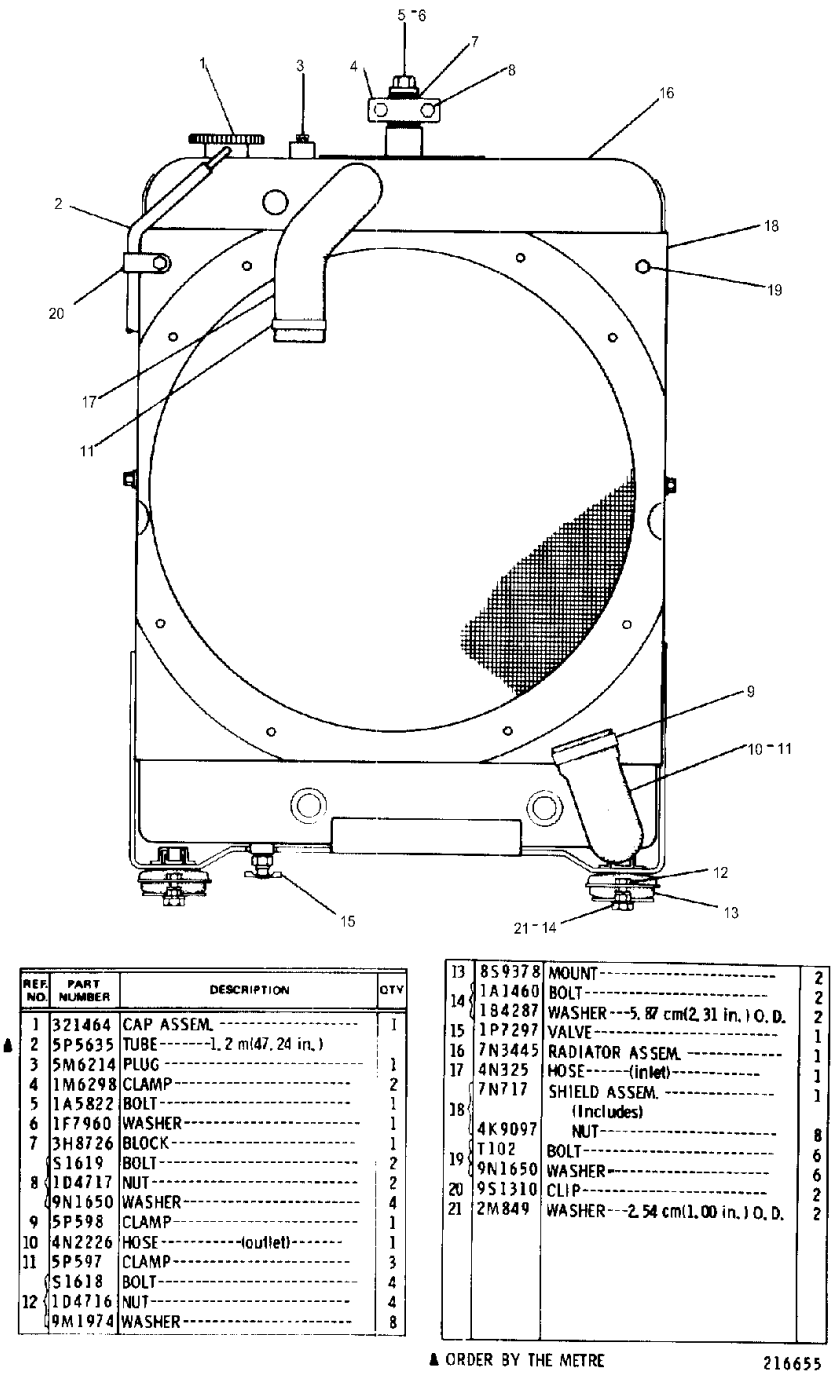
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Ref.	Part number	Description	Qty	Code	Group page
1	2S-3440	CLAMP	1		
2	4N-0494	TUBE ASSEM.	1		
3	0S-1617	BOLT	1		
	9M-1974	WASHER	1		
4	9L-2403	CLIP	1		

6N-6950 RADIATOR GROUP

6N6950 RADIATOR GROUP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	032-1464	CAP ASSEM.	1		
2	5P-5635	TUBE 1.2 m(47.24 in.)		D	
3	5M-6214	PLUG	1		
4	1M-6298	CLAMP	2		
5	1A-5822	BOLT	1		

6N-6950 RADIATOR GROUP (continued)

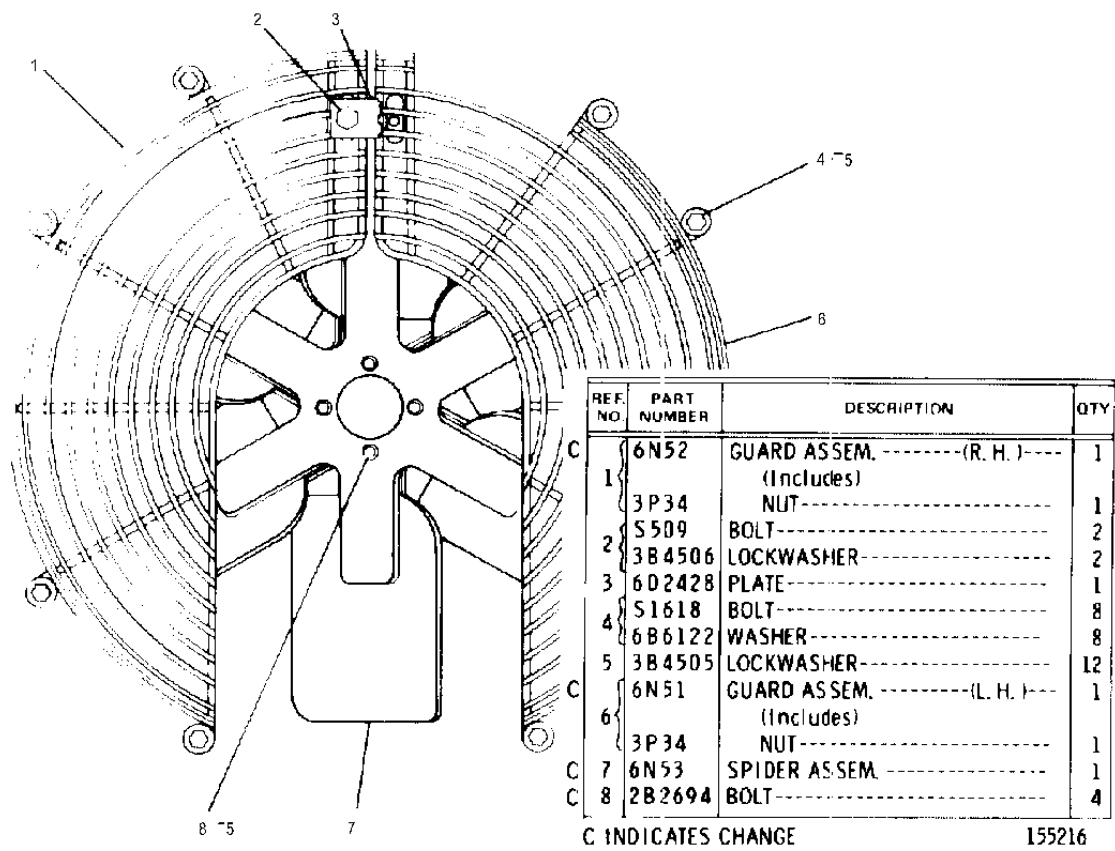
Ref.	Part number	Description	Qty	Code	Group page
6	1F-7960	WASHER	1		
7	3H-8726	BLOCK	1		
8	0S-1619	BOLT	2		
	1D-4717	NUT	2		
	9N-1650	WASHER	4		
9	5P-0598	CLAMP	1		
10	4N-2226	HOSE (outlet)	1		
11	5P-0597	CLAMP	3		
12	0S-1618	BOLT	4		
	1D-4716	NUT	4		
	9M-1974	WASHER	8		
13	8S-9378	MOUNT	2		
14	1A-1460	BOLT	2		
	1B-4287	WASHER 5.87 cm(2.31 in.) O.D.	2		
15	1P-7297	VALVE	1		
16	7N-3445	RADIATOR ASSEM.	1		
17	4N-0325	HOSE (inlet)	1		
18	7N-0717	SHIELD ASSEM.	1		
(Includes)					
	4K-9097	NUT	8		
19	0T-0102	BOLT	6		
	9N-1650	WASHER	6		
20	9S-1310	CLIP	2		
21	2M-0849	WASHER 2.54 cm(1.00 in.) O.D.	2		

CAT codes: D.

4N-0309 BLOWER FAN AND GUARD GROUP

4N309 BLOWER FAN AND GUARD GROUP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6N-0052	GUARD ASSEM. (R.H.)	1	C	
	(Includes)				
	3P-0034	NUT	1		
2	0S-0509	BOLT	2		
	3B-4506	LOCKWASHER	2		
3	6D-2428	PLATE	1		
4	0S-1618	BOLT	8		
	6B-6122	WASHER	8		
5	3B-4505	LOCKWASHER	12		
6	6N-0051	GUARD ASSEM. (L.H.)	1	C	
	(Includes)				

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78U-SEBP1190

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