

CATERPILLAR C9

Z9X / SEBP4251

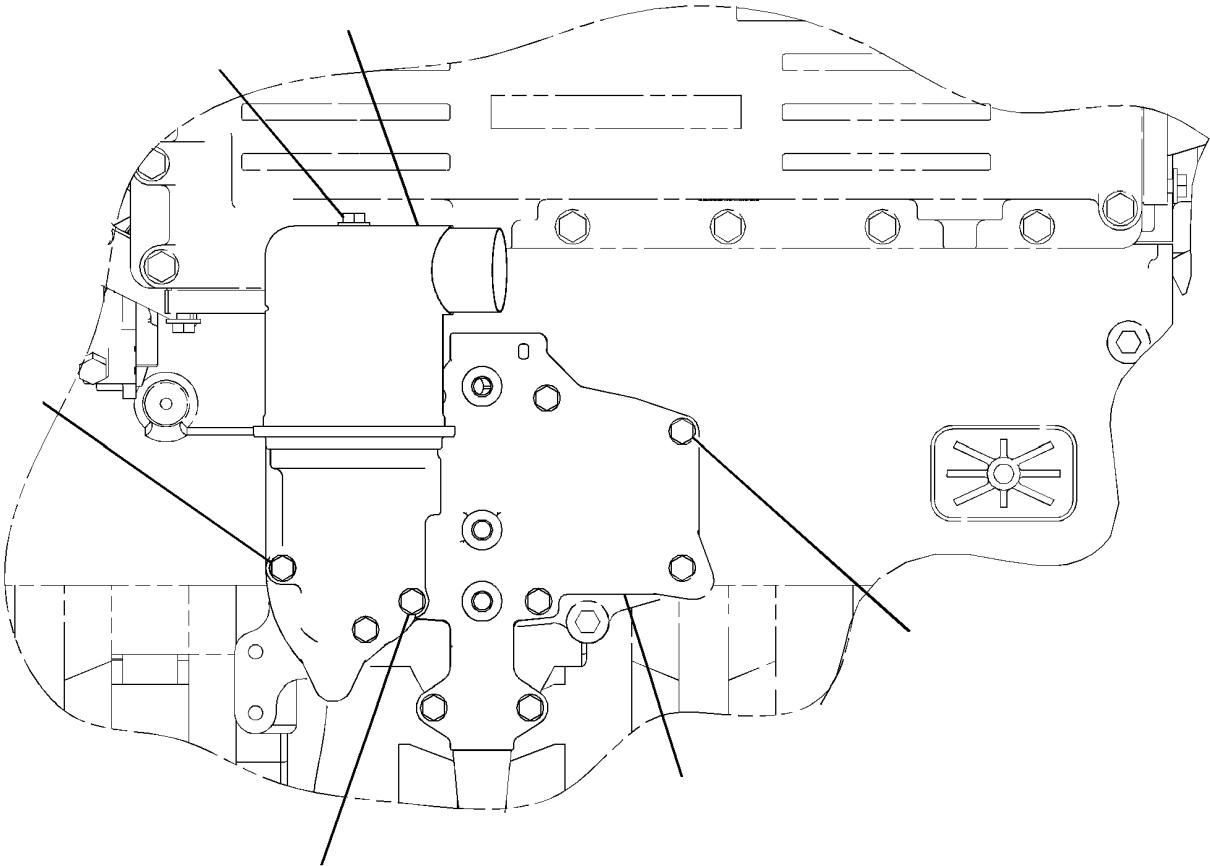
Contents

Section	Page
Lubrication system	2
Cooling system	
Air inlet and exhaust	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Electrical and electronics	
Power train	

204-2475 BREATHER GP -CRANKCASE

204-2475 BREATHER GP -CRANKCASE

Drawing 1 of 1



LEFT SIDE VIEW OF ENGINE

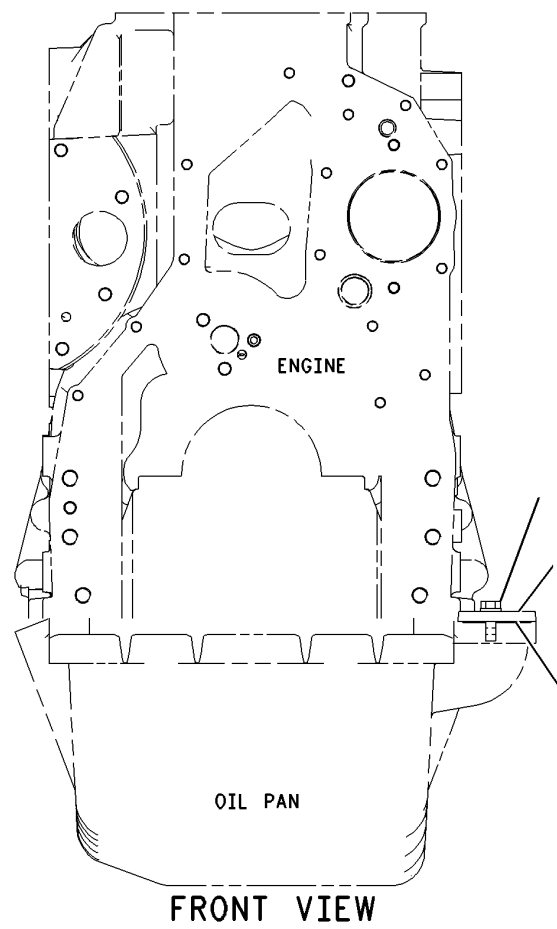
Ref.	Part number	Description	Qty	Code	Group page
1	193-4680	BREATHER AS (CRANKCASE)	1		
2	213-2410	GASKET	1		
3	213-2411	COVER	1		
4	3E-8005	BOLT (M8X1.25X160-MM)	1	M	
5	6V-3918	BOLT (M8X1.25X50-MM)	2	M	
6	6V-3940	BOLT (M8X1.25X25-MM)	9	M	
7	9F-4446	SEAL-O-RING	1		
8	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	11		
9	5N-4185	WASHER-SPECIAL	1		

CAT codes: M.

199-6913 COVER GP-OIL FILLER -LH

199-6913 COVER GP-OIL FILLER -LH CANNOT BE USED WITH 171-4782 AN ATTACHMENT

Drawing 1 of 1



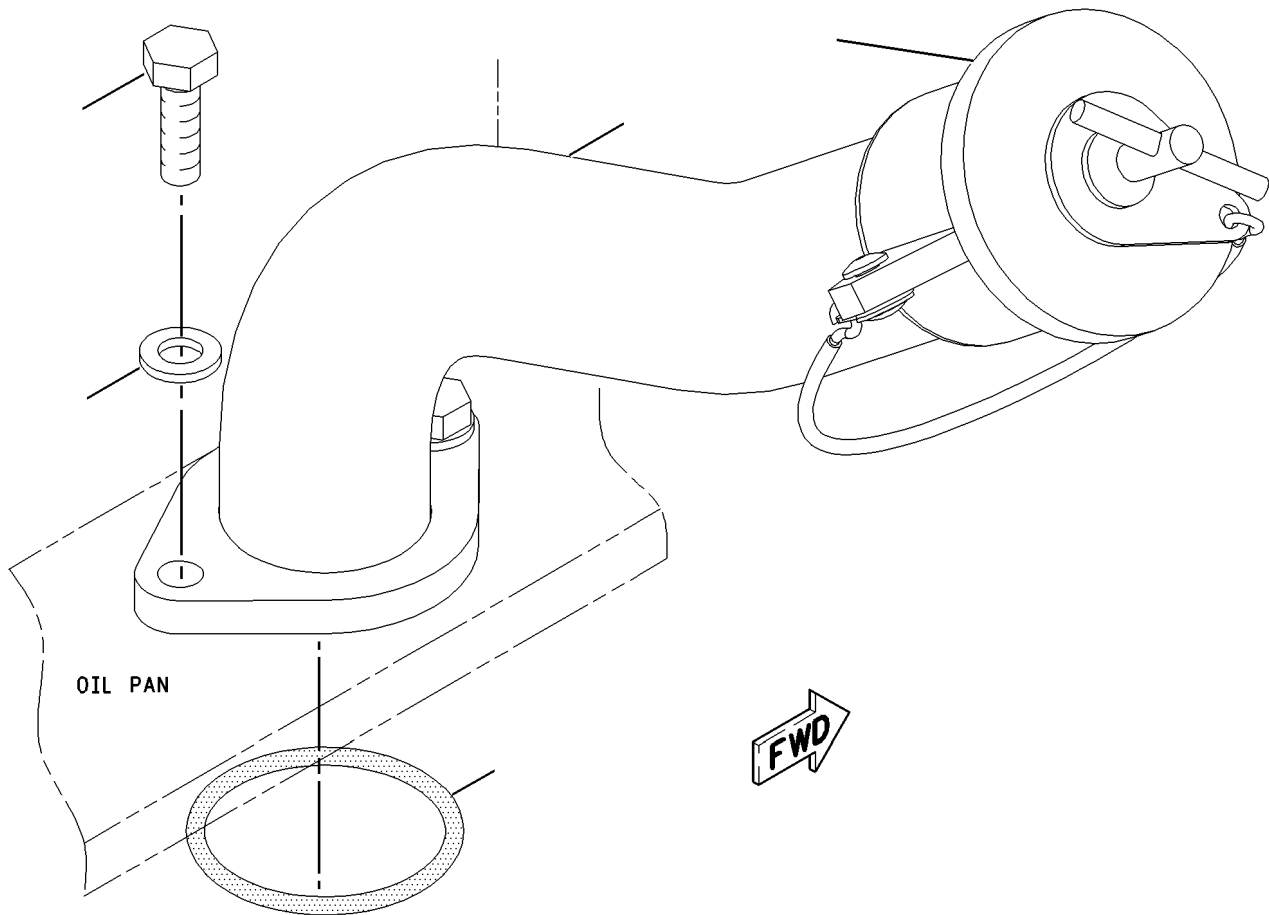
Ref.	Part number	Description	Qty	Code	Group page
1	7C-1445	COVER	1		
2	061-9455	SEAL-O-RING	1		
3	6V-3940	BOLT (M8X1.25X25-MM)	2	M	
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		

CAT codes: M.

171-4782 FILLER GP-ENGINE OIL -RH FILL

171-4782 FILLER GP-ENGINE OIL -RH FILL CANNOT BE USED WITH 172-8733, 197-5995, 199-6913 AN ATTACHMENT

Drawing 1 of 1



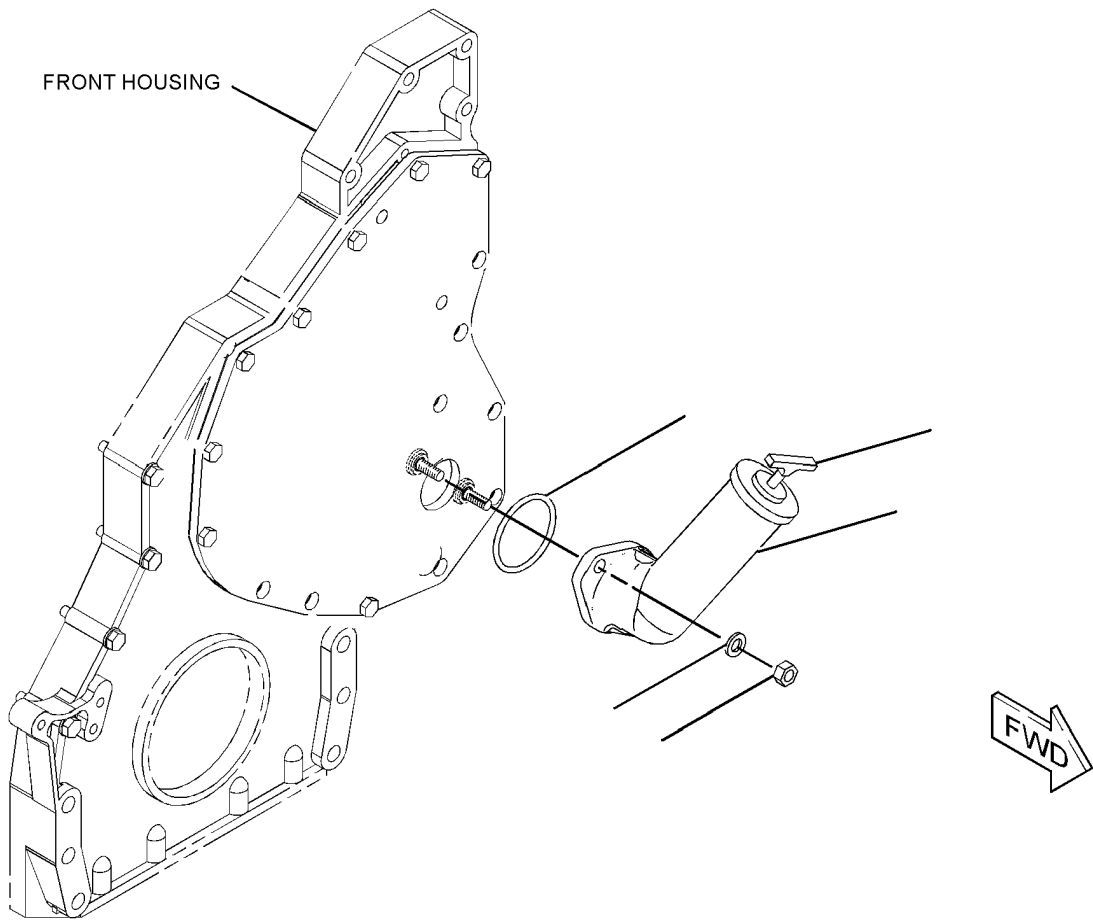
Ref.	Part number	Description	Qty	Code	Group page
1	172-1211	TUBE AS-OIL FILLER	1		
1A	6N-2985	CAP-FILLER (ENGINE OIL)	1		
2	061-9455	SEAL-O-RING	1		
3	6V-3940	BOLT (M8X1.25X25-MM)	2	M	
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
AVAILABLE REPLACEMENT PART(S):					
	113-5253	CAP AS-FILLER (ENGINE OIL)	1		
(FOR BLACK DRESS-UP ENGINE)					

CAT codes: M.

172-8733 FILLER GP-ENGINE OIL -FRONT FILL

172-8733 FILLER GP-ENGINE OIL -FRONT FILL FOR USE WITH ENGINES THAT REQUIRE FRONT OIL FILLER WITH A FILL CAP, LH SERVICED ENGINES CANNOT BE USED WITH 197-6010, 171-4782 AN ATTACHMENT

Drawing 1 of 1



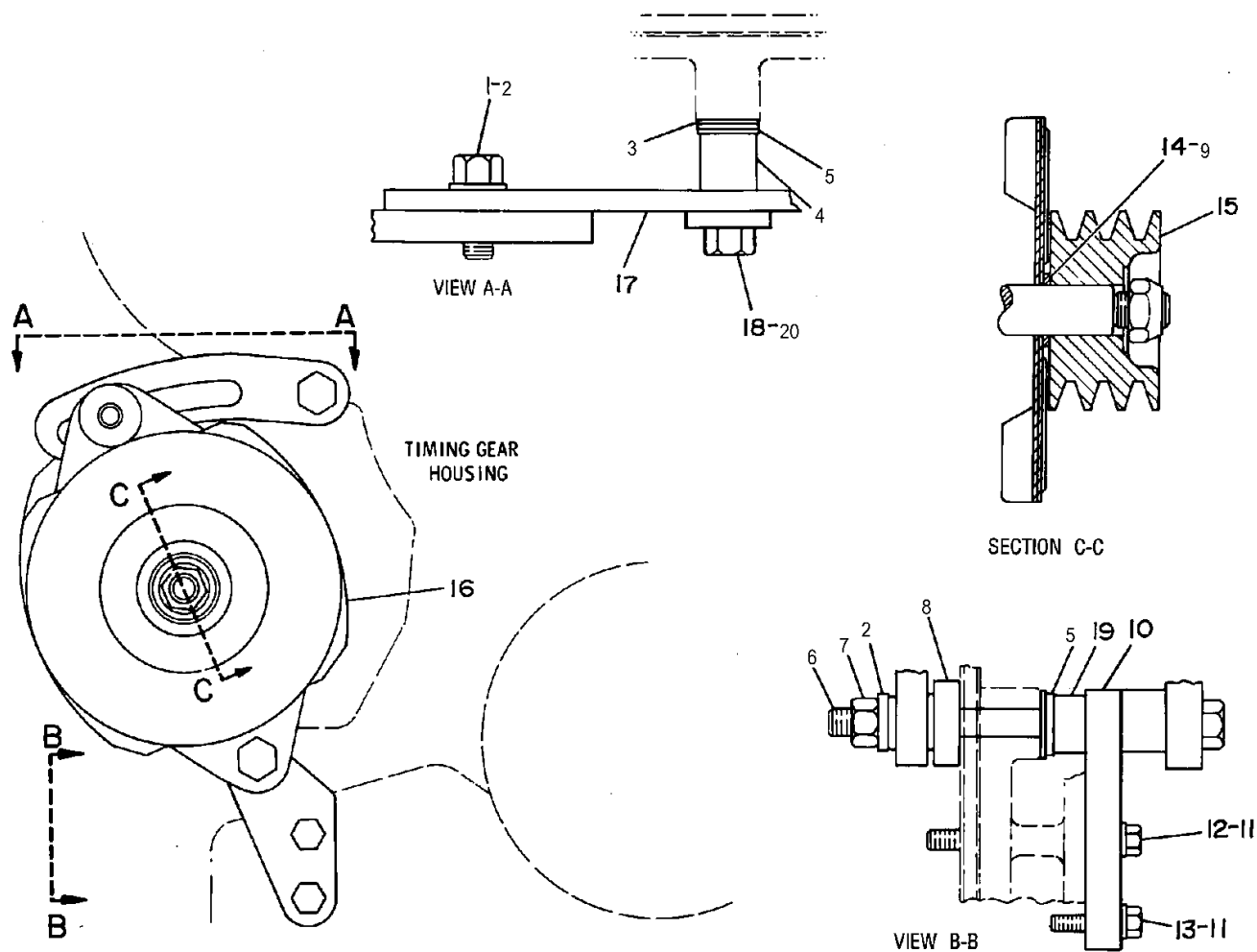
Ref.	Part number	Description	Qty	Code	Group page
1	068-4497	CAP-OIL FILLER (ENGINE)	1		
2	264-4289	TUBE-OIL FILLER	1		
3	061-9455	SEAL-O-RING	1		
4	5C-7261	NUT (M8X1.25-THD)	2	M	
5	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	2		

CAT codes: M.

197-5996 FILTER GP-ENGINE OIL

197-5996 FILTER GP-ENGINE OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7C-1493	VALVE AS-BYPASS (ENGINE OIL FILTER)	2		
2	8C-3445	CAP-DUST (ENGINE OIL SAMPLING VALVE)	1		
3	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
4	8C-6515	TEE	1		
5	102-5828	COVER	1		
6	102-5829	ADAPTER	1		
7	104-7995	BASE GP-OIL FILTER (ENGINE)	1		
	2P-4304	STUD-HOLLOW	1		
8	192-2157	TUBE AS	1		
9	192-2158	TUBE AS	1		
10	209-7290	GASKET	1		
11	209-7291	BASE AS-OIL FILTER (ENGINE)(ENGINE)	1		

197-5996 FILTER GP-ENGINE OIL (continued)

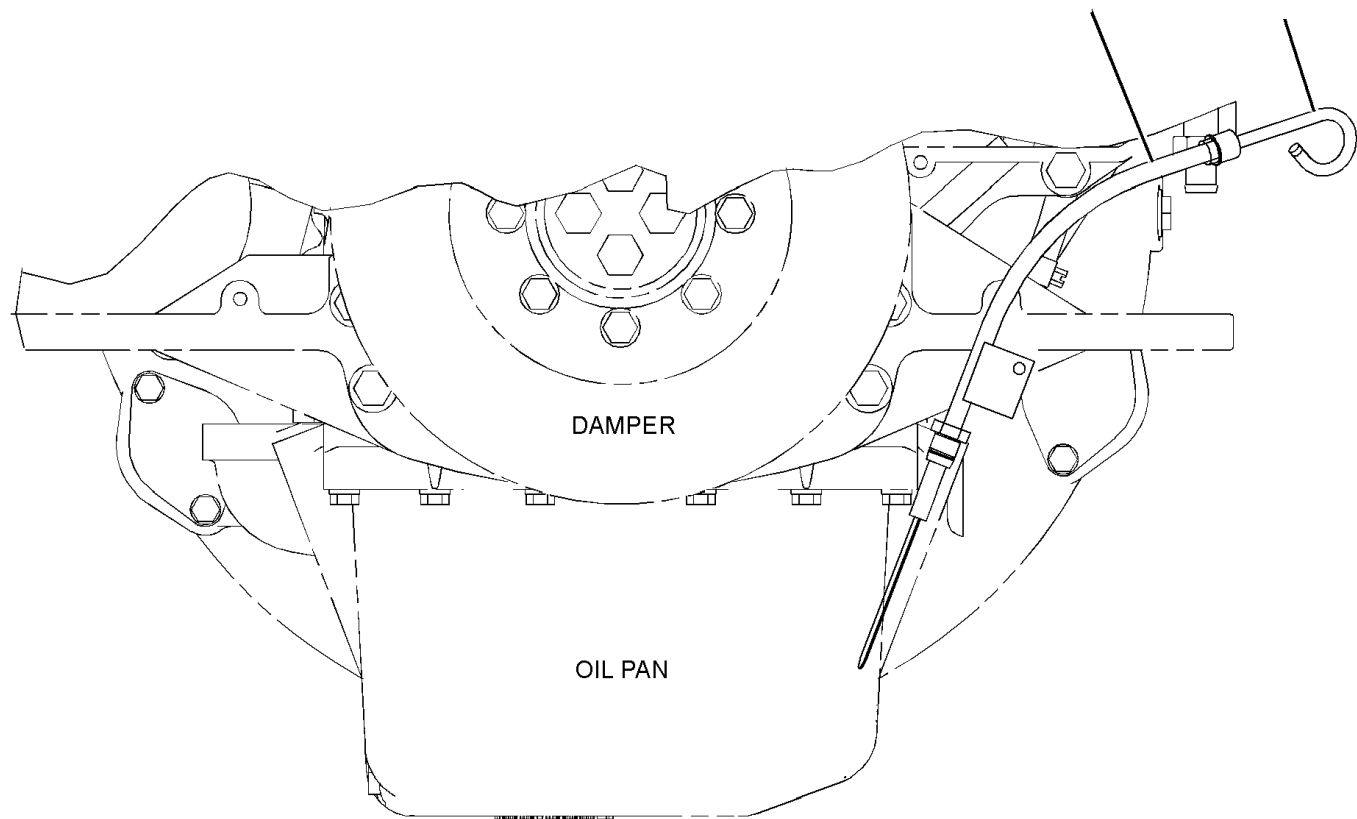
Ref.	Part number	Description	Qty	Code	Group page
	2P-4304	STUD-HOLLOW	1		
12	033-5853	SEAL-O-RING	1		
13	106-9586	SEAL-O-RING	4		
14	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	1		
15	2M-9780	SEAL-O-RING	2		
16	4F-9720	GASKET	1		
17	5M-7087	CLAMP-TUBE	4		
18	5P-7701	SEAL-O-RING	1		
19	5P-8196	PLUG	2	M	
20	5P-9617	ADAPTER	1		
21	6V-3908	SEAL-O-RING	2		
22	6V-4248	BOLT (M10X1.5X25-MM)	4	M	
23	6V-5048	SEAL-O-RING	1		
24	6V-5049	SEAL-O-RING	1		
25	6V-5217	BOLT (M8X1.25X20-MM)	2	M	
26	6V-5218	BOLT (M8X1.25X35-MM)	12	M	
27	6V-5839	WASHER (11X21X2.5-MM THK)	4		
28	148-8335	CONNECTOR AS	2		
29	148-8357	ELBOW AS	1		
30	7W-6244	COVER	1		
31	8T-4121	WASHER-HARD (11X21X2.5-MM THK)	4		
32	8T-4133	NUT (M10X1.5-THD)	2	M	
33	8T-4186	BOLT (M10X1.5X40-MM)	2	M	
34	242-3864	SPRING	2		
35	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	14		
36	9S-4182	PLUG (7/16-20-THD)	1		

CAT codes: M.

197-6012 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

197-6012 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE PROVIDES LH SERVICE OIL GAUGE GP CANNOT BE USED WITH 199-7012 AN ATTACHMENT

Drawing 1 of 1



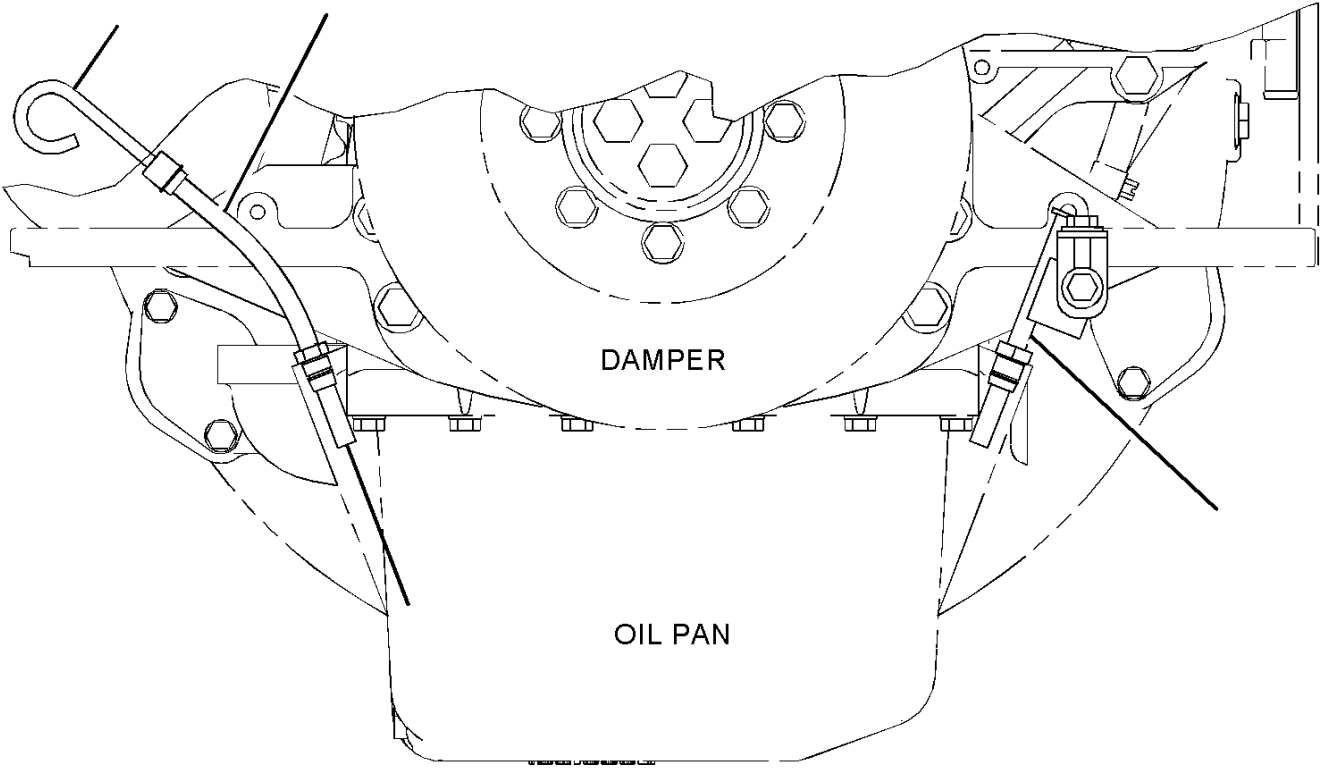
FRONT VIEW OF ENGINE

Ref.	Part number	Description	Qty	Code	Group page
1	174-8827	TUBE AS	1		
2	164-5620	GAUGE-OIL LEVEL (DIPSTICK)(ENGINE)	1		

199-7012 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

199-7012 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE PROVIDES RH SERVICE OIL GAUGE GP CANNOT BE USED WITH 197-6012 AN ATTACHMENT

Drawing 1 of 1



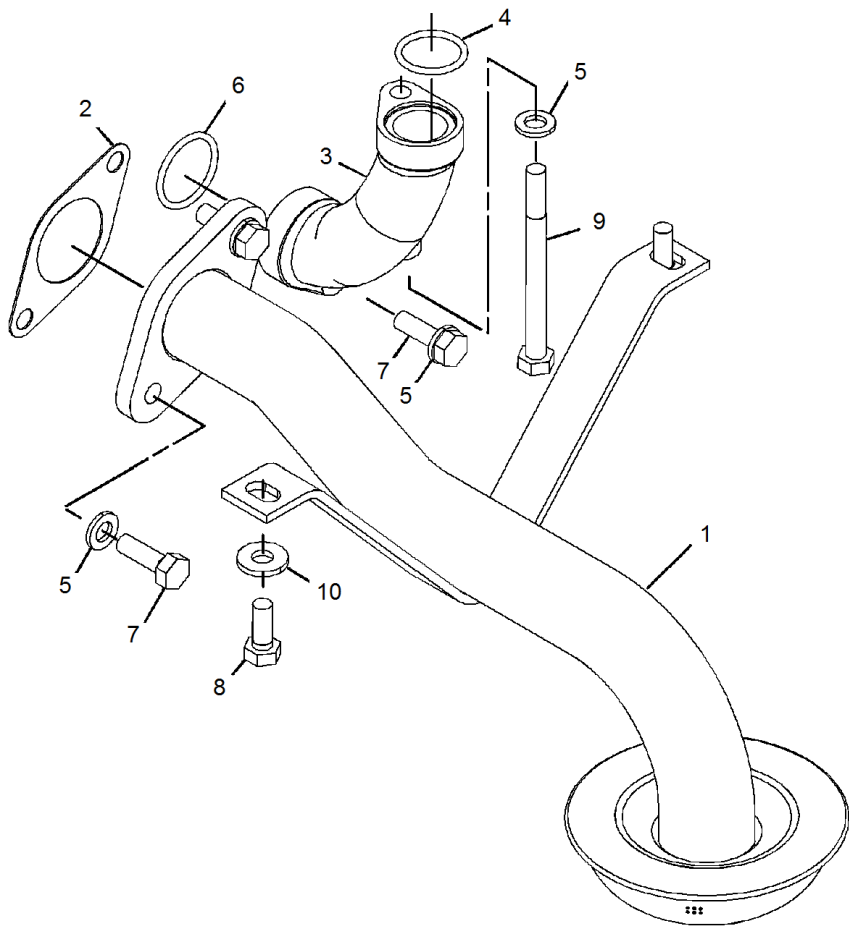
FRONT VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	175-4424	TUBE AS	1		
2	9Y-7069	TUBE AS-OIL GAUGE	1		
3	199-6914	GAUGE-OIL LEVEL (DIPSTICK) (ENGINE)	1		

195-0329 LINES GP-ENGINE OIL

195-0329 LINES GP-ENGINE OIL REAR SUMP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	211-1060	TUBE AS	1		
2	195-0452	GASKET	1		
3	281-2210	ELBOW-OUTLET	1		
4	033-6034	SEAL-O-RING	1		
5	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
6	5P-7530	SEAL-O-RING	1		
7	6V-3940	BOLT (M8X1.25X25-MM)	3	M	
8	6V-5217	BOLT (M8X1.25X20-MM)	2	M	
9	8T-0292	BOLT (M8X1.25X90-MM)	1	M	
10	3E-4352	WASHER-HARD (8.8X20.5X2.5-MM THK)	2		

CAT codes: M.

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