

CATERPILLAR 235

64R / HEBP1173

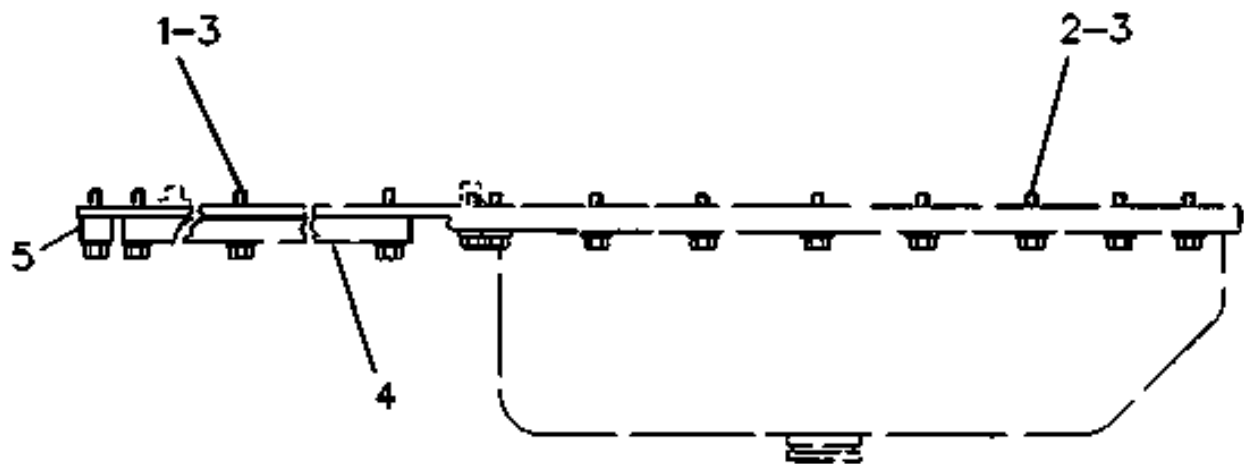
Contents

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

2P-6199 FASTENER GP-OIL PAN

2P6199 OIL PAN FASTENER GROUP

Drawing 1 of 1



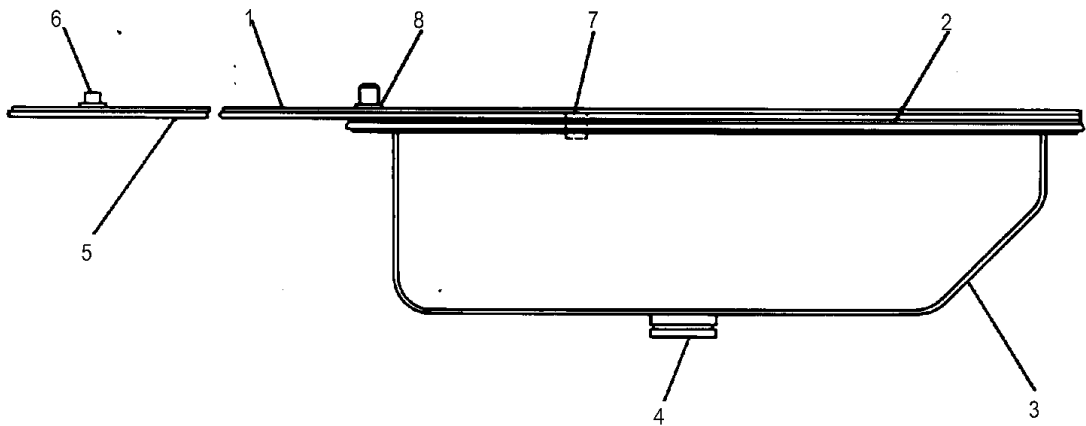
Ref.	Part number	Description	Qty	Code	Group page
1	3B-1915	BOLT	18		
2	1A-2029	BOLT	28	C	
3	5M-2894	WASHER	46	C	
4	9Y-0630	PLATE	2		
5	9Y-0629	PLATE	1		

CAT codes: C.

2P-6174 PAN GP-OIL

2P6174 OIL PAN GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M2969	GASKET-----	1
2	8S1965	GASKET-----	1
3	8S8206	PAN ASSEM.-----	1
4	4B2363	PLUG-----	1
	6F4868	GASKET-----	1

5	2P1738	PLATE ASSEM.-----	1
6	5S2797	NUT-----	1
7	1S5304	LUG-----	1
8	6J2237	BOSS-----	7

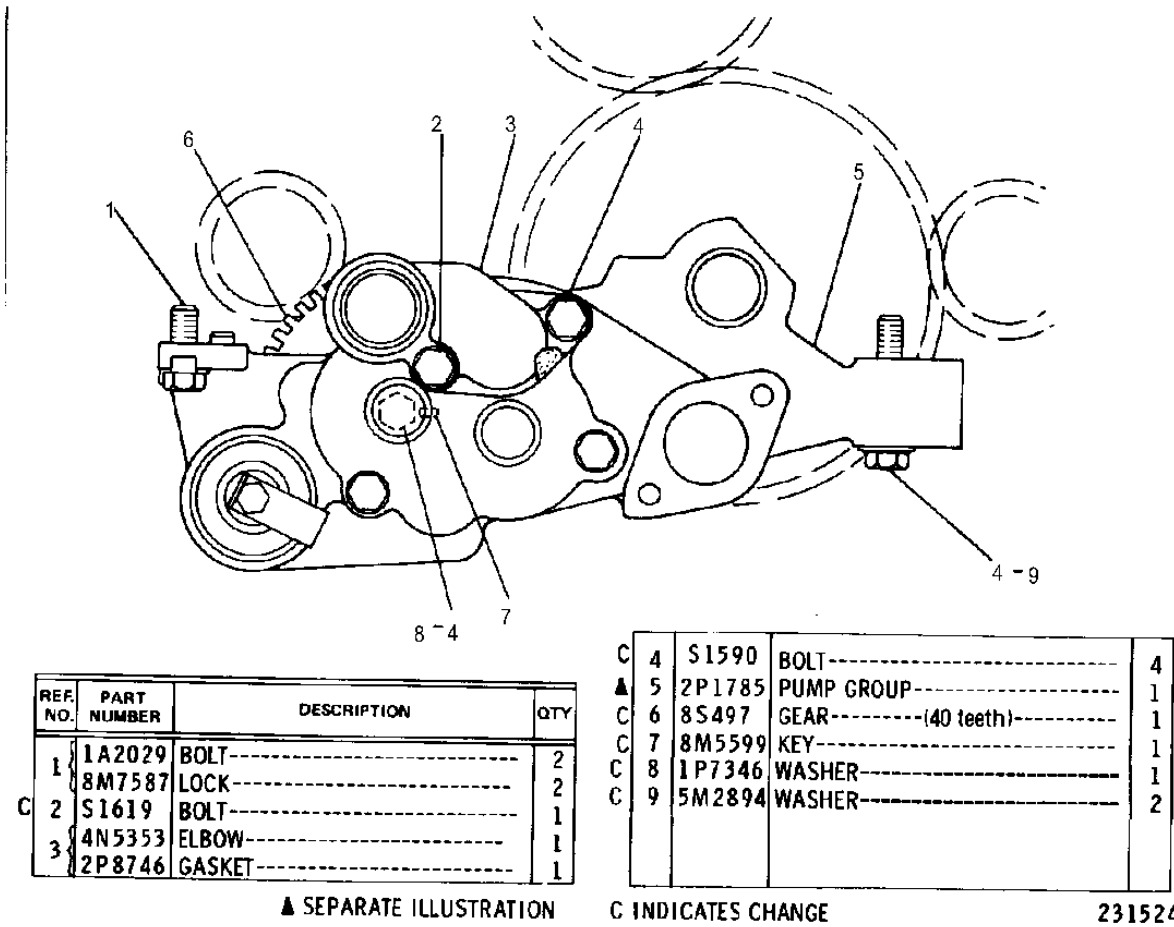
11734

Ref.	Part number	Description	Qty	Code	Group page
1	4M-2969	GASKET	1		
2	8S-1965	GASKET	1		
3	8S-8206	PAN ASSEM.	1		
4	4B-2363	PLUG	1		
	6F-4868	GASKET	1		
5	2P-1738	PLATE ASSEM.	1		
6	5S-2797	NUT	1		
7	1S-5304	LUG	1		
8	6J-2237	BOSS	7		

2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP 2P1785 PUMP PARTS ARE SHOWN ON PAGES 24 & 24A

Drawing 1 of 1



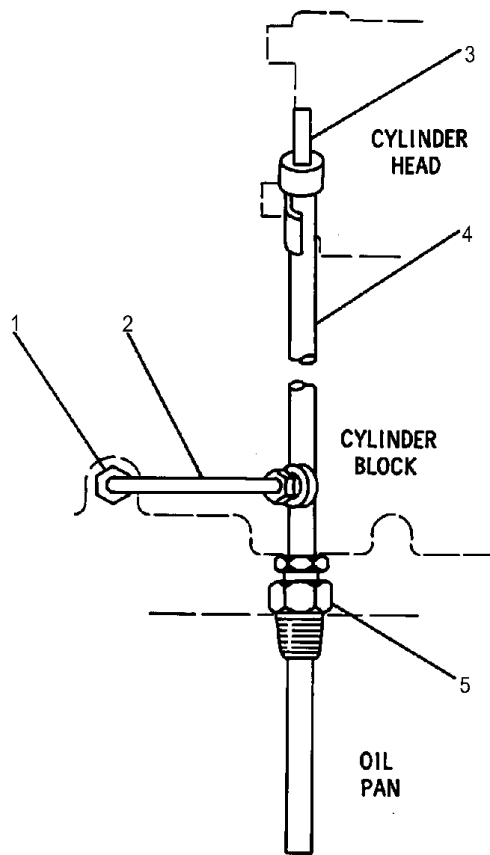
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1	1A-2029	BOLT	2		
	8M-7587	LOCK	2		
2	0S-1619	BOLT	1	C	
3	4N-5353	ELBOW	1		
	2P-8746	GASKET	1		
4	0S-1590	BOLT	4	C	
5	2P-1785	PUMP GROUP	1	RY	
6	8S-0497	GEAR (40 teeth)	1	C	
7	8M-5599	KEY	1	C	
8	1P-7346	WASHER	1	C	
9	5M-2894	WASHER	2	C	

CAT codes: R, Y, C.

6N-4556 GAUGE GP-OIL LEVEL (DIPSTICK)

6N4556 OIL LEVE GAUGE GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6L3616	CONNECTOR-----	2
2	6N4555	TUBE ASSEM. -----	1
3	8S3995	GAUGE ASSEM. -----	1
4	2P2547	TUBE ASSEM. -----	1
5	8S1326	FITTING-----	1
	(Includes)		
	8F8998	NUT-----	1

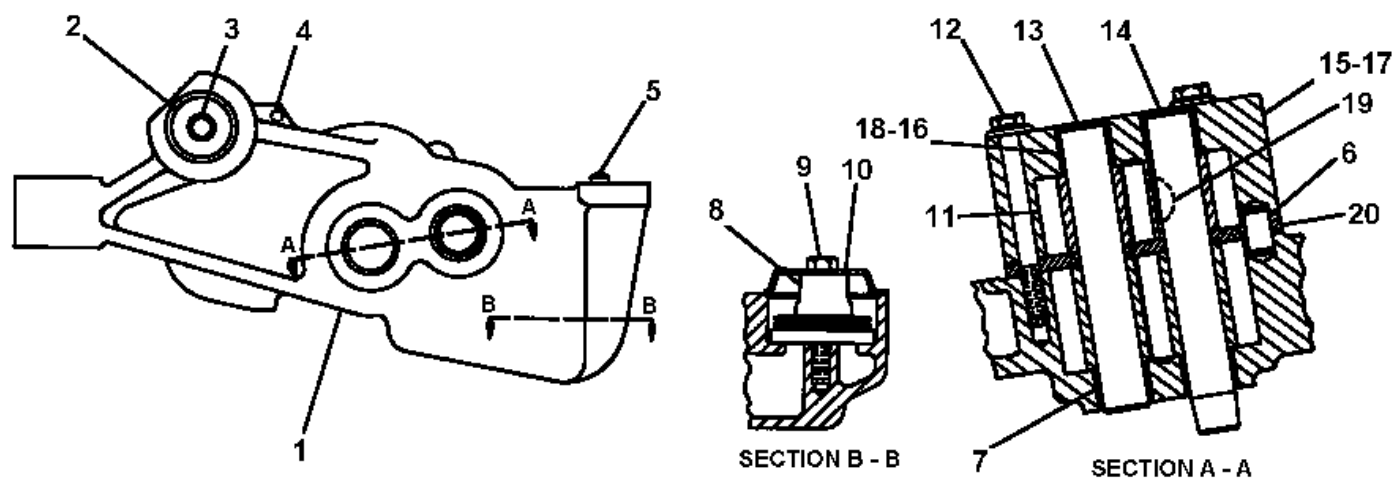
205039

Ref.	Part number	Description	Qty	Code	Group page
1	6L-3616	CONNECTOR	2		
2	6N-4555	TUBE ASSEM.	1		
3	8S-3995	GAUGE ASSEM.	1		
4	2P-2547	TUBE ASSEM.	1		
5	8S-1326	FITTING	1		
(Includes)					
	8F-8998	NUT	1		

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP. ENGINE SERIAL NO. 49V12554 TO 49V17161 INCLUSIVE*R PART OF 2.1784 OIL PUMP GROUP SHOWN ON PAGE 23

Drawing 1 of 1



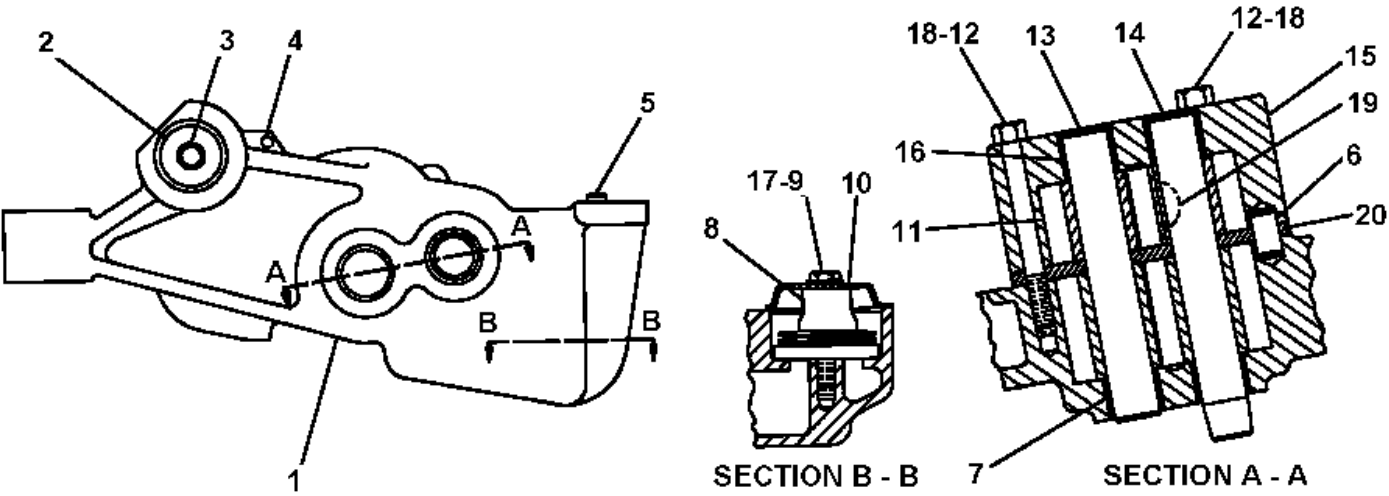
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1	2P-0685	BODY ASSEM.	1		
2	2P-1170	SHAFT ASSEM.	1		
3	4B-9782	BALL	1	C	
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	1M-3735	DOWEL	2		
7	8S-6511	BEARING	2		
8	4N-8385	VALVE ASSEM.	1	C	
9	1B-9575	BOLT	1		
10	4N-3732	COVER	1		
11	6N-1036	GEAR	2	C	
12	2P-3211	BOLT	3		
13	8S-0493	SHAFT ASSEM.	1	C	
14	2P-6245	SHAFT ASSEM.	1		
15	6A-7802	BODY ASSEM.	1		
	4N-4055	BODY ASSEM.	1		
16	8S-6511	BEARING	2		
17	2P-0681	BODY ASSEM.	1		
18	8S-6511	BEARING	2		
19	1B-8709	KEY	1		
20	2P-1781	SPACER	1		

CAT codes: C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP. ENGINE SERIAL NO. 49V17162-UP*R PART OF 2P1784 OIL PUMP GROUP SHOWN ON PAGE 23

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2P-0685	BODY ASSEM.	1		
(Includes)					
2	2P-1170	SHAFT ASSEM.	1		
(Includes)					
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	1M-3735	DOWEL	2		
7	8S-6511	BEARING	2		
8	4N-8385	VALVE ASSEM.	1		
9	2B-2694	BOLT	1	C	
10	4N-3732	COVER	1		
11	6N-1036	GEAR	2		
12	2M-3403	BOLT	3	C	
13	8S-0493	SHAFT ASSEM.	1		
14	2P-6245	SHAFT ASSEM.	1		
15	4N-4055	BODY ASSEM.	1	C	
(Includes)					
16	8S-6509	BEARING	2		
17	9M-1974	WASHER	1	C	

2P-1785 PUMP GP-ENGINE OIL (continued)

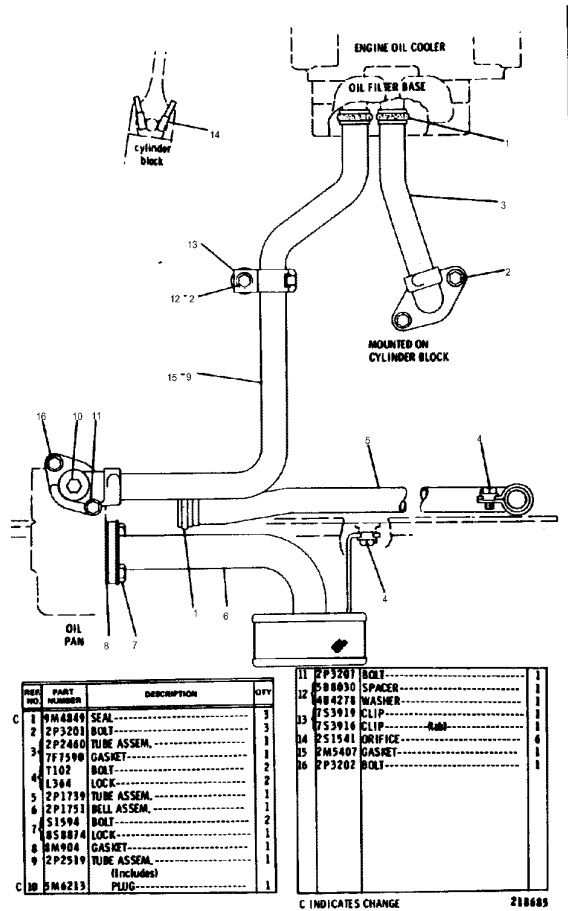
Ref.	Part number	Description	Qty	Code	Group page
18	5M-2894	WASHER	3	C	
19	1B-8709	KEY	1		
20	2P-1781	SPACER	1		

CAT codes: C.

2P-6105 LINES GP-ENGINE OIL

2P6105 OIL LINES GROUP-TYPE 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9M-4849	SEAL	3	C	
2	2P-3201	BOLT	3		
3	2P-2460	TUBE ASSEM.	1		
	7F-7590	GASKET	1		
4	0T-0102	BOLT	2		
	0L-0364	LOCK	2		
5	2P-1739	TUBE ASSEM.	1		
6	2P-1751	BELL ASSEM.	1		
7	0S-1594	BOLT	2		
	8S-8874	LOCK	1		
8	8M-0904	GASKET	1		
9	2P-2519	TUBE ASSEM.	1		
(Includes)					
10	5M-6213	PLUG	1	C	
11	2P-3207	BOLT	1		

2P-6105 LINES GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
12	5B-8030	SPACER	1		
	4B-4278	WASHER	1		
13	7S-3919	CLIP	1		
	7S-3916	CLIP (tab)	1		
14	2S-1541	ORIFICE	6		
15	2M-5407	GASKET	1		
16	2P-3202	BOLT	1		

CAT codes: C.

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