

CATERPILLAR 225

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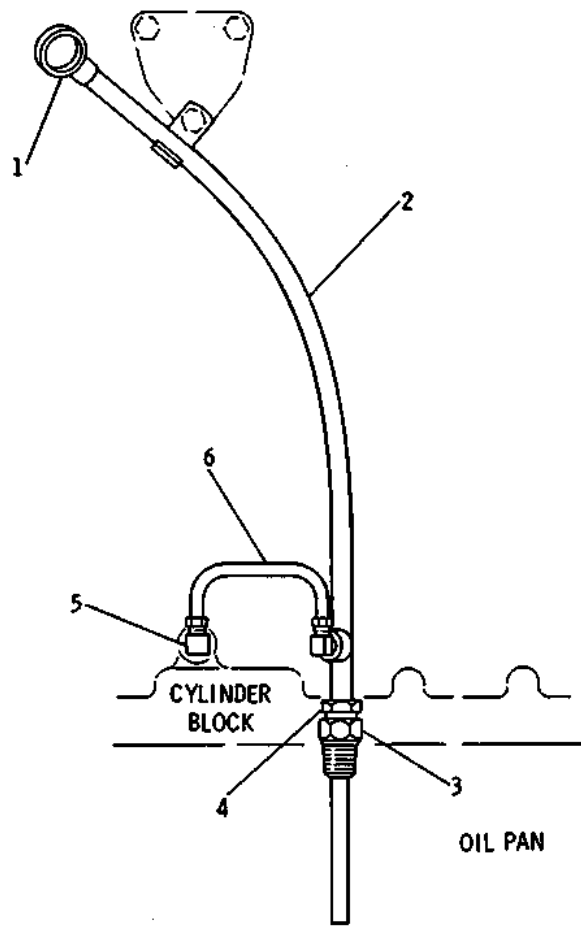
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2P-0990 GAUGE GP-OIL LEVEL (DIPSTICK)

2P990 OIL LEVEL GAUGE GROUP

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5S8115	GAUGE ASSEM. -----(oil)-----	1
2	4N5398	TUBE ASSEM. -----	1
3	8S1326	FITTING----- (Includes)	1
4	8F8998	NUT-----	1
5	5K9243	ELBOW-----	2
6	2P2697	TUBE ASSEM. -----	1

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Ref.	Part number	Description	Qty	Code	Group page
1	5S-8115	GAUGE ASSEM. (oil)	1		
2	4N-5398	TUBE ASSEM.	1		
3	8S-1326	FITTING	1		
(Includes)					
4	8F-8998	NUT	1		
5	5K-9243	ELBOW	2		
6	2P-2697	TUBE ASSEM.	1		

2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP 2P1785 Pump parts are shown on Pages 25 & 25B

Drawing 1 of 1

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT	2
2	8M7587	LOCK	2
3	S1619	BOLT	1
4	4N5353	ELBOW	1
5	2P8746	GASKET	1

C	4	S1590	BOLT <th>4</th>	4
▲	5	2P1785	PUMP GROUP	1
C	6	8S497	GEAR (40 teeth)	1
C	7	8M5599	KEY	1
C	8	1P7346	WASHER	1
C	9	5M2894	WASHER	2

▲ SEPARATE ILLUSTRATION C INDICATES CHANGE 231524

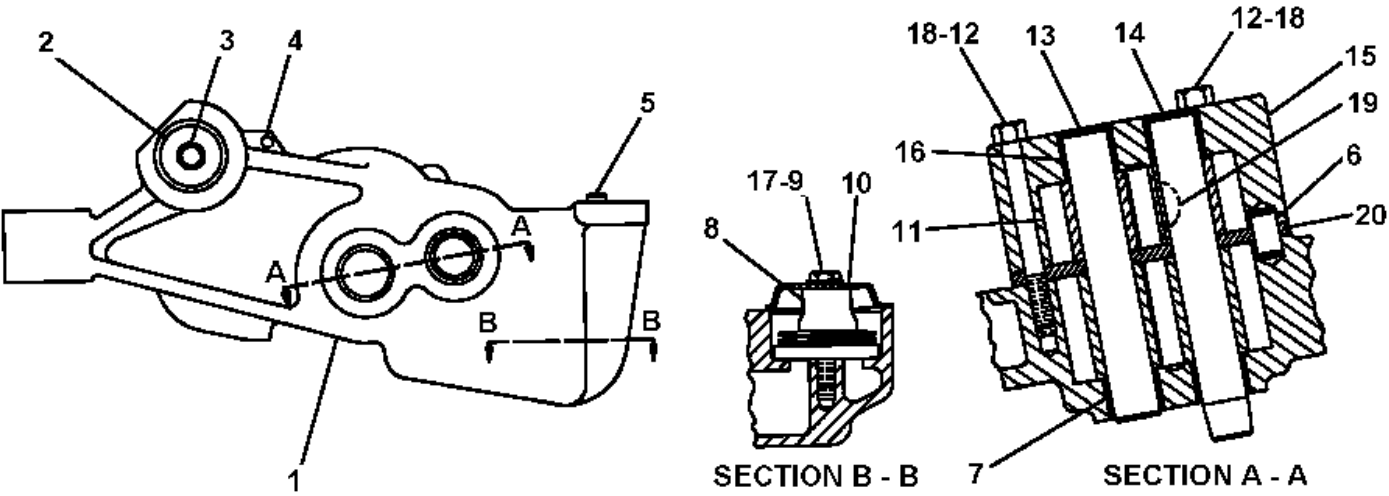
Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT	2		
	8M-7587	LOCK	2		
2	0S-1619	BOLT	1	C	
3	4N-5353	ELBOW	1		
	2P-8746	GASKET	1		
4	0S-1590	BOLT	4	C	
5	2P-1785	PUMP GROUP	1	RY	
6	8S-0497	GEAR (40 teeth)	1	C	
7	8M-5599	KEY	1	C	
8	1P-7346	WASHER	1	C	
9	5M-2894	WASHER	2	C	

CAT codes: R, Y, C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP Engine Serial No. 12Z1 to 12Z186 inclusive Part of 2P1784 Oil Pump Group shown on Page 24

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)

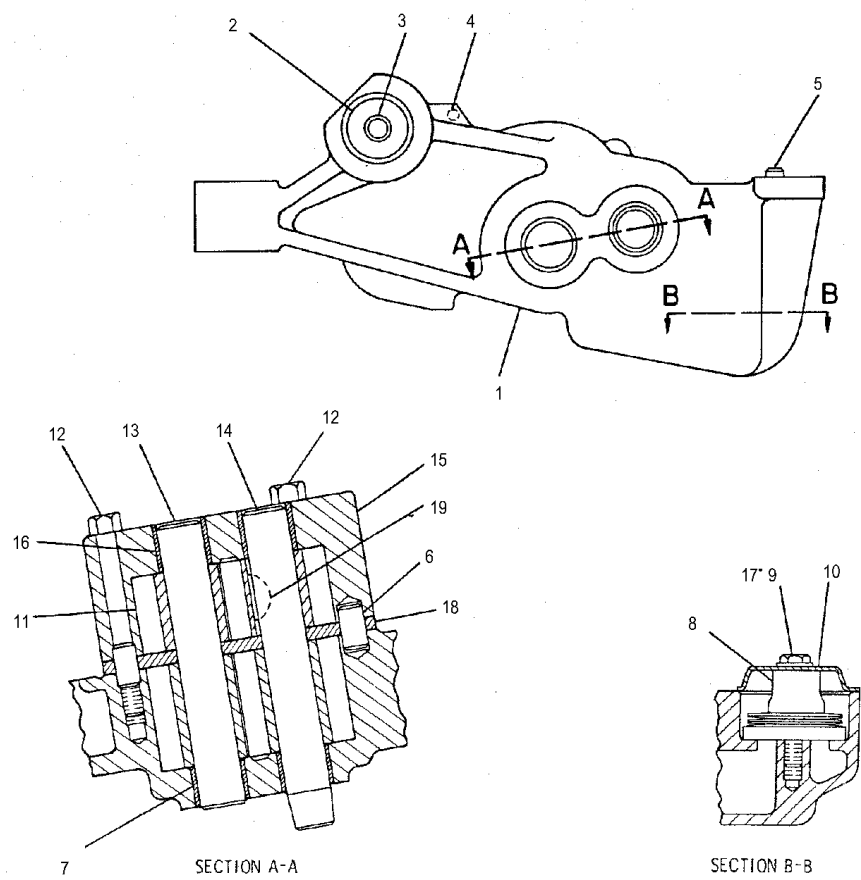
Ref.	Part number	Description	Qty	Code	Group page
18	5M-2894	WASHER	3	C	
19	1B-8709	KEY	1		
20	2P-1781	SPACER	1		

CAT codes: C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP Engine Serial No. 12Z187-Up Part Of 2P1784 Oil Pump

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8N-8636	BODY AS-OIL PUMP	1	C	
2	2P-1170	SHAFT AS-GEAR	1		
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	1M-3735	DOWEL	2		
7	8S-6511	BEARING-SLEEVE	2		
8	4N-8385	VALVE AS-RELIEF	1		
9	2B-2694	BOLT	1		
10	4N-3732	COVER-VALVE	1		
11	6N-1036	GEAR-OIL PUMP	2		
12	0T-0065	BOLT	3	C	
13	8S-0493	SHAFT AS-PUMP	1		
14	2P-6245	SHAFT AS-PUMP	1		
15	4N-4055	BODY AS-PUMP	1		

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

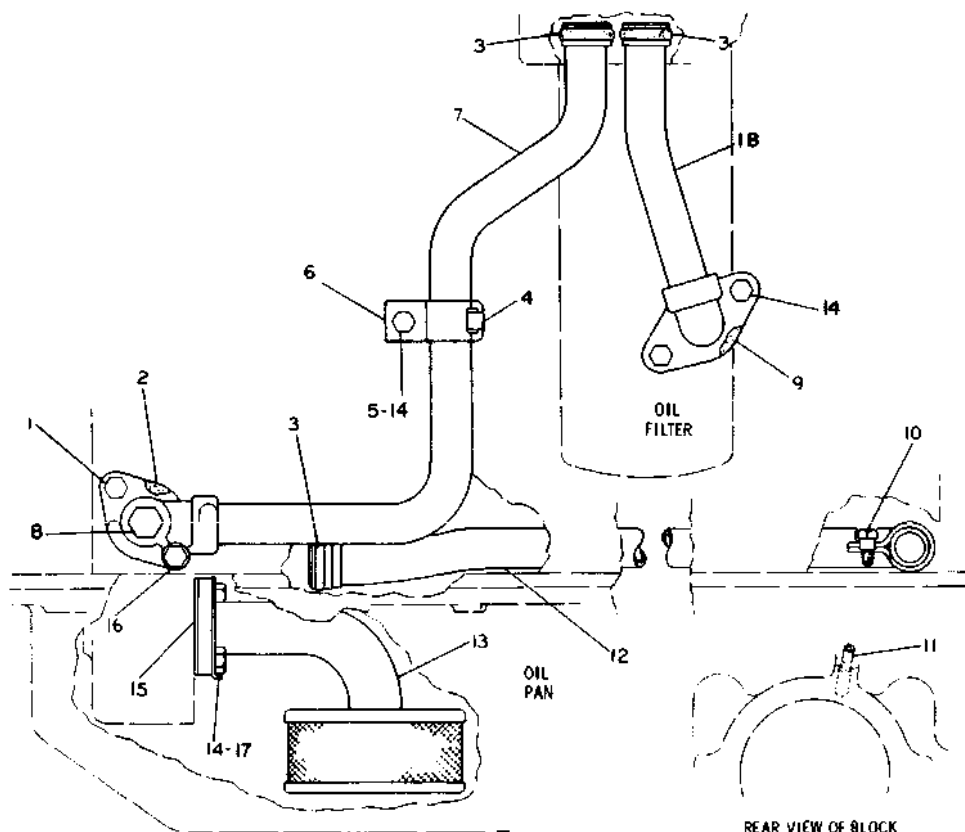
Ref.	Part number	Description	Qty	Code	Group page
16	8S-6511	BEARING-SLEEVE	2	C	
17	9M-1974	WASHER-HARD	1		
18	2P-1781	SPACER-OIL PUMP	1		
19	1B-8709	KEY-WOODRUFF	1		

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

2P6512 OIL LINES GROUP Engine Serial No. 12Z1 to 12Z107 inclusive

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	1A2029	BOLT	1
2	2M5407	GASKET	1
3	9M4849	SEAL	3
C 4	7S3916	CLIP (tab)	1
C 5	9L9132	WASHER	1
C 6	7S3919	CLIP (slot)	1
C 7	2P2519	TUBE ASSEM.	1
C 8	5M6213	PLUG	1
9	7F7590	GASKET	1
C 10	4F29	BOLT	1
	L364	LOCK	1
11	2S1541	ORIFICE	4
12	2P744	TUBE ASSEM.	1
13	2P1776	BELL ASSEM.	1
C 14	S1594	BOLT	5
15	8M904	GASKET	1
C 16	L2070	BOLT	1
17	S8874	LOCK	1
18	2P2460	TUBE ASSEM.	1

REAR VIEW OF BLOCK

C INDICATES CHANGE

176969

Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT	1	C	
2	2M-5407	GASKET	1		
3	9M-4849	SEAL	3		
4	7S-3916	CLIP (tab)	1	C	
5	9L-9132	WASHER	1	C	
6	7S-3919	CLIP (slot)	1	C	
7	2P-2519	TUBE ASSEM.	1	C	
8	5M-6213	PLUG	1	C	
9	7F-7590	GASKET	1		
10	4F-0029	BOLT	1	C	
	0L-0364	LOCK	1		
11	2S-1541	ORIFICE	4		
12	2P-0744	TUBE ASSEM.	1		
13	2P-1776	BELL ASSEM.	1		
14	0S-1594	BOLT	5	C	
15	8M-0904	GASKET	1		

2P-6512 LINES GP-ENGINE OIL (continued)

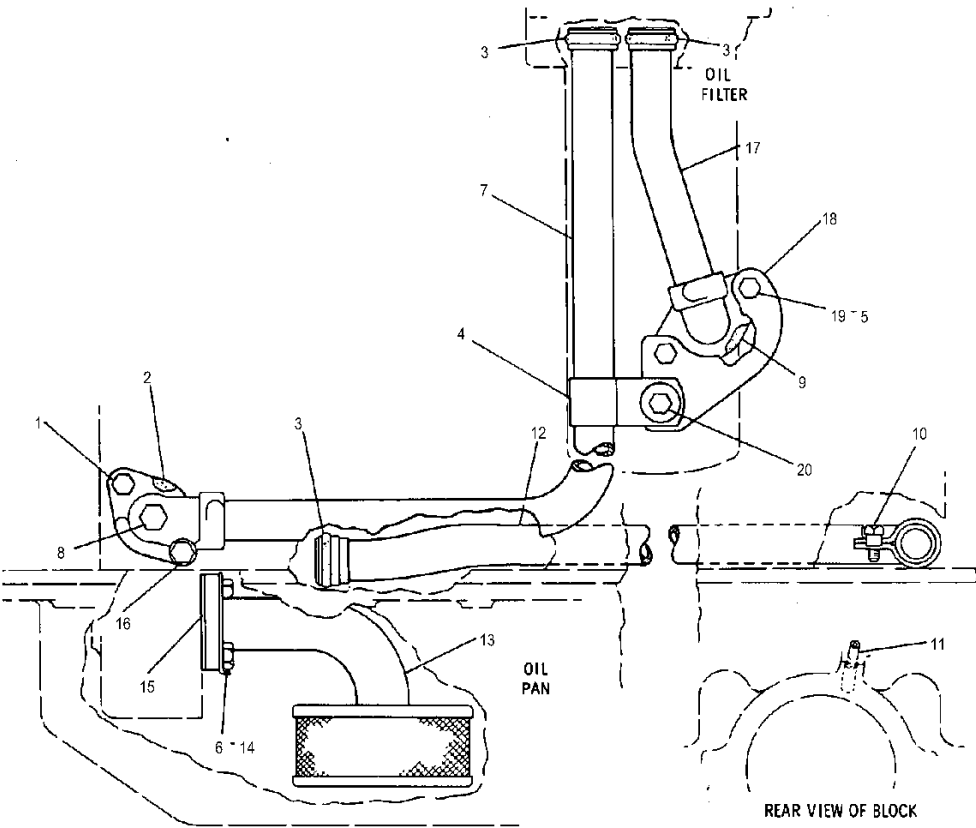
Ref.	Part number	Description	Qty	Code	Group page
16	0L-2070	BOLT	1	C	
17	8S-8874	LOCK	1		
18	2P-2460	TUBE ASSEM.	1		

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

2P6512 OIL LINES GROUP Engine Serial No. 12Z108-Up

Drawing 1 of 1



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	1A2029	BOLT-----	1
2	2M5407	GASKET-----	1
3	9M4849	SEAL-----	3
C 4	8M2769	CLIP-----	1
C 5	8D5898	SPACER-----	2
C 6	S1594	BOLT-----	2
C 7	8N7318	TUBE ASSEM.-----	1
		(Includes)	
8	5M6213	PLUG-----	1
9	7F7590	GASKET-----	1
10	4F29	BOLT-----	1
	L364	LOCK-----	1
11	2S1541	ORIFICE-----	4
12	2P744	TUBE ASSEM.-----	1
13	2P1776	BELL ASSEM.-----	1
14	8S8874	LOCK-----	1
15	8M904	GASKET-----	1
16	L2070	BOLT-----	1
C 17	8N7315	TUBE ASSEM.-----	1
C 18	8N5739	BRACKET-----	1
C 19	S1571	BOLT-----	2
C	5M2894	WASHER-----	2
C	L1351	BOLT-----	1
C 20	L04717	NUT-----	1
C	9L9132	WASHER-----	1

Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT	1		
2	2M-5407	GASKET	1		
3	9M-4849	SEAL	3		
4	8M-2769	CLIP	1	C	
5	8D-5898	SPACER	2	C	
6	0S-1594	BOLT	2	C	
7	8N-7318	TUBE ASSEM.	1	C	
(Includes)					
8	5M-6213	PLUG	1		
9	7F-7590	GASKET	1		
10	4F-0029	BOLT	1		
	0L-0364	LOCK	1		
11	2S-1541	ORIFICE	4		
12	2P-0744	TUBE ASSEM.	1		
13	2P-1776	BELL ASSEM.	1		
14	8S-8874	LOCK	1		

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