

CATERPILLAR D4E

51X / XMBP9627

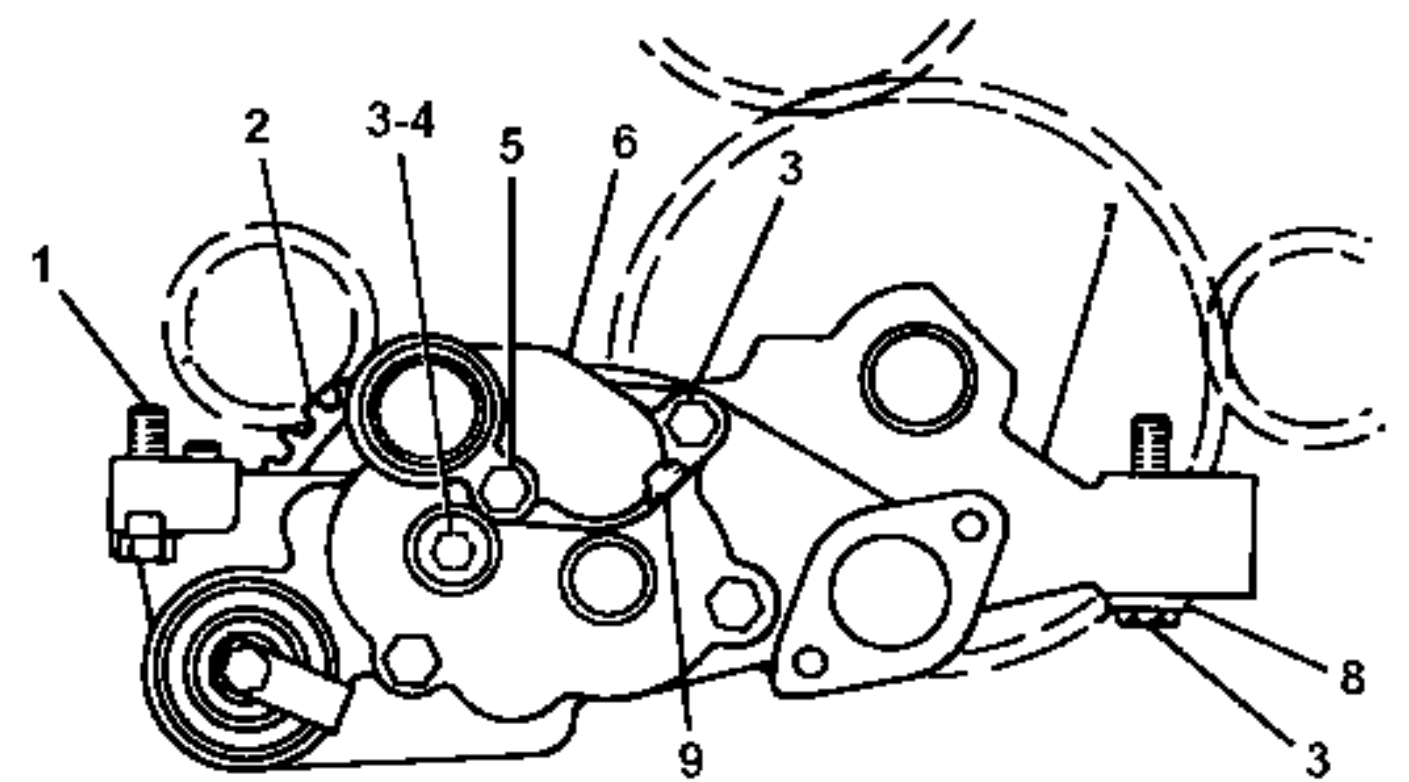
Contents

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

2P-1784 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (2P1784 N/S) Effective with Serial No. 9Z1-UP 2P1785 Gear Pump parts are shown on Page 33

Drawing 1 of 1



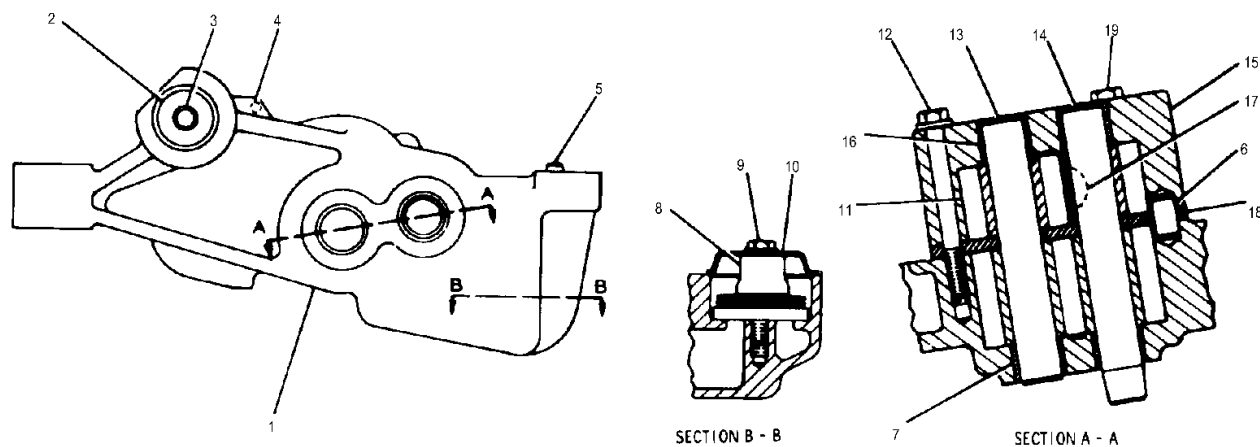
Ref.	Part number	Description	Qty	Code	Group page
1	3B-1915	BOLT	2		
	8M-7587	LOCK	2		
2	8S-0497	GEAR (40 Teeth)	1		
	8M-5599	KEY	1		
3	0S-1590	BOLT	4		
4	1P-7346	WASHER	1		
5	0S-1619	BOLT	1		
6	4N-5353	ELBOW	1		
7	2P-1785	PUMP GROUP	1	RY	
(See Separate Illustration)					
8	0T-0329	LOCK	1		
9	2P-8746	GASKET	1		

CAT codes: R, Y.

2P-1785 PUMP GP-ENGINE OIL

2P1785 GEAR PUMP GROUP Effective with Serial No. 9Z1 - UP Part of Engine Oil Pump

Drawing 1 of 1



C Indicates Change.

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N8636	BODY ASSEM-----	1
2	2P1170	SHAFT ASSEM-----	1
C 3	4B9782	BALL-----	1
4	4B9880	BALL-----	1
5	1F1006	DOWEL-----	1
6	1M3735	DOWEL-----	2
7	8S6511	BEARING-----	2
8	4N8385	VALVE ASSEM-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 9	2B2694	BOLT-----	1
C 10	9M1974	WASHER-----	1
10	4N3732	COVER-----	1
C 11	6N1036	GEAR (8 teeth)-----	2
C 12	2M3403	BOLT-----	1
C 13	5M2894	WASHER-----	1
C 14	8S493	SHAFT ASSEM-----	1
14	2P6245	SHAFT ASSEM-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
15	4N4055	BODY ASSEM-----	1
16	8S6511	BEARING-----	2
17	1B8709	KEY-----	1
18	2P1781	SPACER-----	1
C 19	T65	BOLT-----	2

J21583E

Ref.	Part number	Description	Qty	Code	Group page
1	8N-8636	BODY ASSEM	1	C	
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		
9	2B-2694	BOLT	1	C	
	9M-1974	WASHER	1	C	
10	4N-3732	COVER	1		
11	6N-1036	GEAR (8 teeth)	2	C	
12	2M-3403	BOLT	1	C	
	5M-2894	WASHER	1	C	
13	8S-0493	SHAFT ASSEM	1	C	
14	2P-6245	SHAFT ASSEM	1		

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

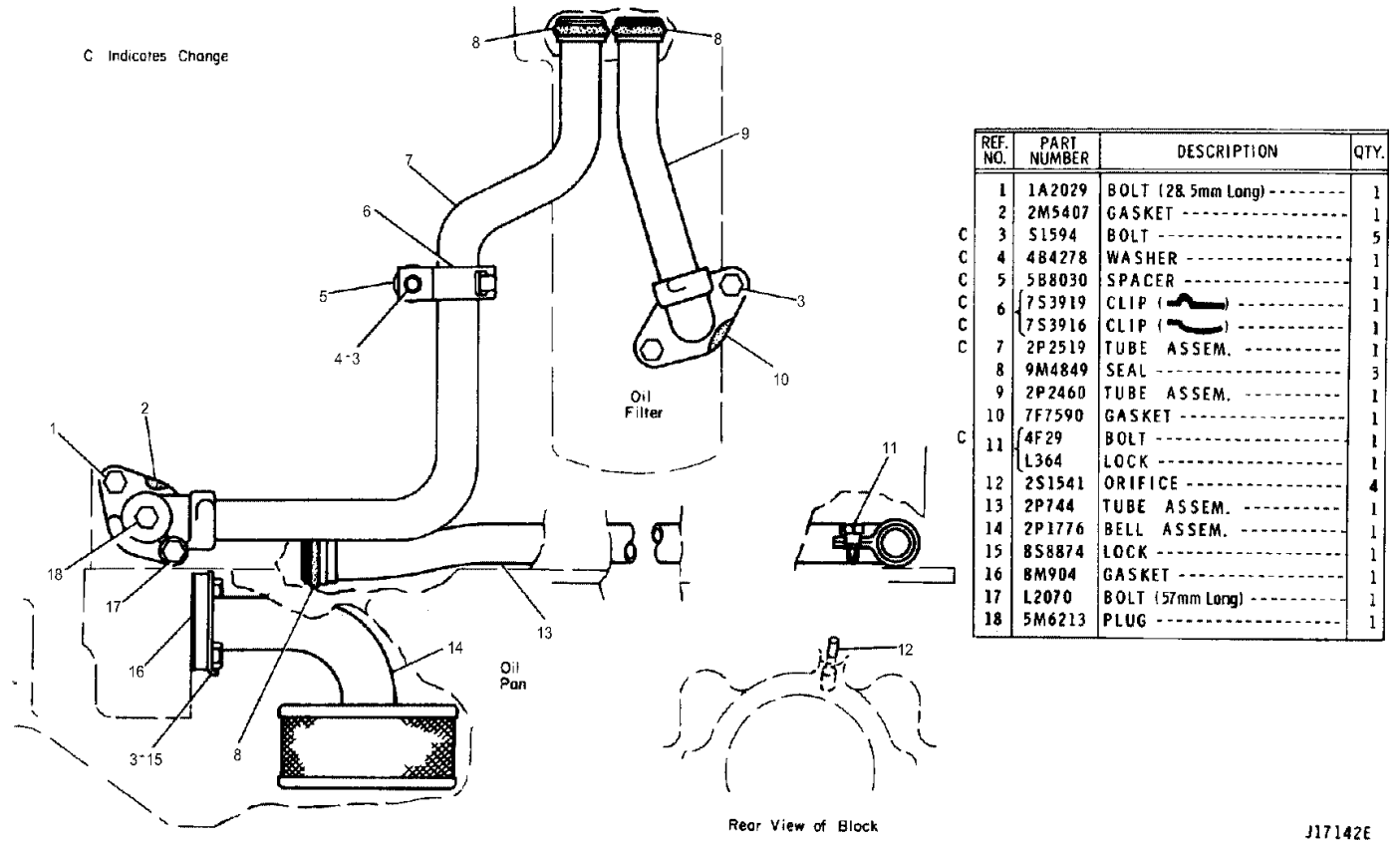
Ref.	Part number	Description	Qty	Code	Group page
15	4N-4055	BODY ASSEM	1		
16	8S-6511	BEARING	2		
17	1B-8709	KEY	1		
18	2P-1781	SPACER	1		
19	0T-0065	BOLT	2	C	

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6512 N/S) Effective with Serial No. 9Z1 ~ 9Z46

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT (28.5mm Long)	1		
2	2M-5407	GASKET	1		
3	0S-1594	BOLT	5	C	
4	4B-4278	WASHER	1	C	
5	5B-8030	SPACER	1	C	
6	7S-3919	CLIP	1	C	
	7S-3916	CLIP	1	C	
7	2P-2519	TUBE ASSEM.	1	C	
8	9M-4849	SEAL	3		
9	2P-2460	TUBE ASSEM.	1		
10	7F-7590	GASKET	1		
11	4F-0029	BOLT	1	C	
	0L-0364	LOCK	1		
12	2S-1541	ORIFICE	4		
13	2P-0744	TUBE ASSEM.	1		
14	2P-1776	BELL ASSEM.	1		

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

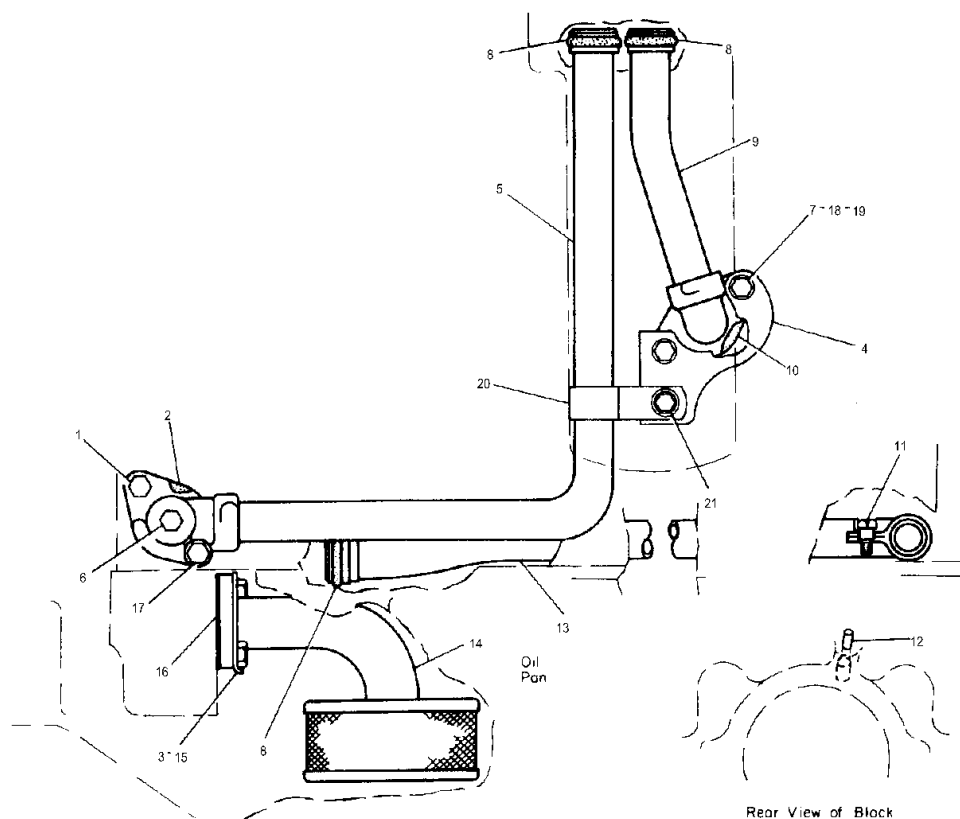
Ref.	Part number	Description	Qty	Code	Group page
15	8S-8874	LOCK	1		
16	8M-0904	GASKET	1		
17	0L-2070	BOLT (57mm Long)	1		
18	5M-6213	PLUG	1		

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6512 N/S) Effective with Serial No. 9Z47~9Z464

Drawing 1 of 1



NO.	PART NO. 部品番号	DESCRIPTION 名称および記事	QTY. 数量
1	1A2029	BOLT (28.5mm Long) -----	1
2	2M5407	GASKET -----	1
3	S1594	BOLT -----	2
4	8N5739	BRACKET -----	1
5	8N7318	TUBE ASSEM. -----	1
6	5M6213	PLUG -----	1
C 7	8D5898	SPACER -----	2
8	9M4849	SEAL -----	3
C 9	8N7315	TUBE ASSEM. -----	1
10	7F7590	GASKET -----	1
11	4F29	BOLT -----	1
11	L364	LOCK -----	1
12	2S1541	ORIFICE -----	4
13	2P744	TUBE ASSEM. -----	1
14	2P1776	BELL ASSEM. -----	1
15	8S8874	LOCK -----	1
16	8M904	GASKET -----	1
17	L2070	BOLT (57mm Long) -----	1
C 18	5M2894	WASHER -----	2
C 19	S1571	BOLT -----	2
C 20	8M2769	CLIP -----	1
C 21	L1351	BOLT -----	1
C 21	9L9132	WASHER -----	1
C 21	1D4717	NUT -----	1

C Indicates Change

J21311E

Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT (28.5mm Long)	1		
2	2M-5407	GASKET	1		
3	0S-1594	BOLT	2		
4	8N-5739	BRACKET	1		
5	8N-7318	TUBE ASSEM.	1		
6	5M-6213	PLUG	1		
7	8D-5898	SPACER	2	C	
8	9M-4849	SEAL	3		
9	8N-7315	TUBE ASSEM.	1	C	
10	7F-7590	GASKET	1		
11	4F-0029	BOLT	1		
	0L-0364	LOCK	1		
12	2S-1541	ORIFICE	4		
13	2P-0744	TUBE ASSEM.	1		
14	2P-1776	BELL ASSEM.	1		
15	8S-8874	LOCK	1		

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

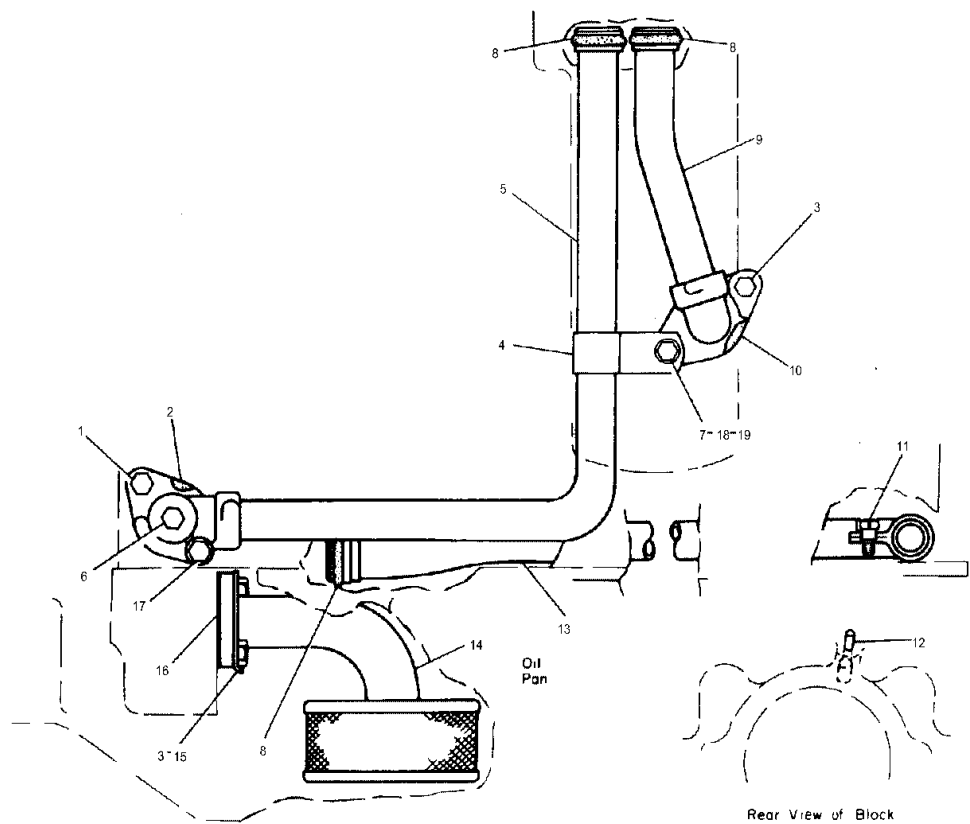
Ref.	Part number	Description	Qty	Code	Group page
16	8M-0904	GASKET	1		
17	0L-2070	BOLT (57mm Ling)	1		
18	5M-2894	WASHER	2	C	
19	0S-1571	BOLT	2	C	
20	8M-2769	CLIP	1	C	
	0L-1351	BOLT	1	C	
21	9L-9132	WASHER	1	C	
	1D-4717	NUT	1	C	

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6512 N/S) Effective with Serial No. 9Z465-UP

Drawing 1 of 1



NO.	PART NO. 部品番号	DESCRIPTION 名称および記号	QTY. 数量
1	1A2029	BOLT (28.5mm Long) -----	1
2	2M5407	GASKET -----	1
3	S1594	BOLT (25.4mm Long) -----	3
4	4L3641	CLIP -----	1
5	8N7318	TUBE ASSEM. -----	1
6	5M6213	PLUG -----	1
7	1L5081	SPACER -----	1
8	9M4849	SEAL -----	3
9	8N7315	TUBE ASSEM. -----	1
10	7F7590	GASKET -----	1
11	4F29	BOLT -----	1
11	L364	LOCK -----	1
12	2S1541	ORIFICE -----	4
13	2P744	TUBE ASSEM. -----	1
14	2P1776	BELL ASSEM. -----	1
15	8S8874	LOCK -----	1
16	8M904	GASKET -----	1
17	L2070	BOLT (57mm Long) -----	1
18	5M2894	WASHER -----	1
19	S1571	BOLT (44.4mm Long) -----	1

C Indicates Change

J25468E

Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT (28.5mm Long)	1		
2	2M-5407	GASKET	1		
3	0S-1594	BOLT (25.4mm Long)	3	C	
4	4L-3641	CLIP	1	C	
5	8N-7318	TUBE ASSEM.	1		
6	5M-6213	PLUG	1		
7	1L-5081	SPACER	1	C	
8	9M-4849	SEAL	3		
9	8N-7315	TUBE ASSEM.	1		
10	7F-7590	GASKET	1		
11	4F-0029	BOLT	1		
	0L-0364	LOCK	1		
12	2S-1541	ORIFICE	4		
13	2P-0744	TUBE ASSEM.	1		
14	2P-1776	BELL ASSEM.	1		
15	8S-8874	LOCK	1		

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

Ref.	Part number	Description	Qty	Code	Group page
16	8M-0904	GASKET	1		
17	0L-2070	BOLT (57mm Long)	1		
18	5M-2894	WASHER	1	C	
19	0S-1571	BOLT (44.4mm Long)	1	C	

CAT codes: C.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

51X-XMBP9627

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99