

CATERPILLAR 5

3HH / XEBP7012

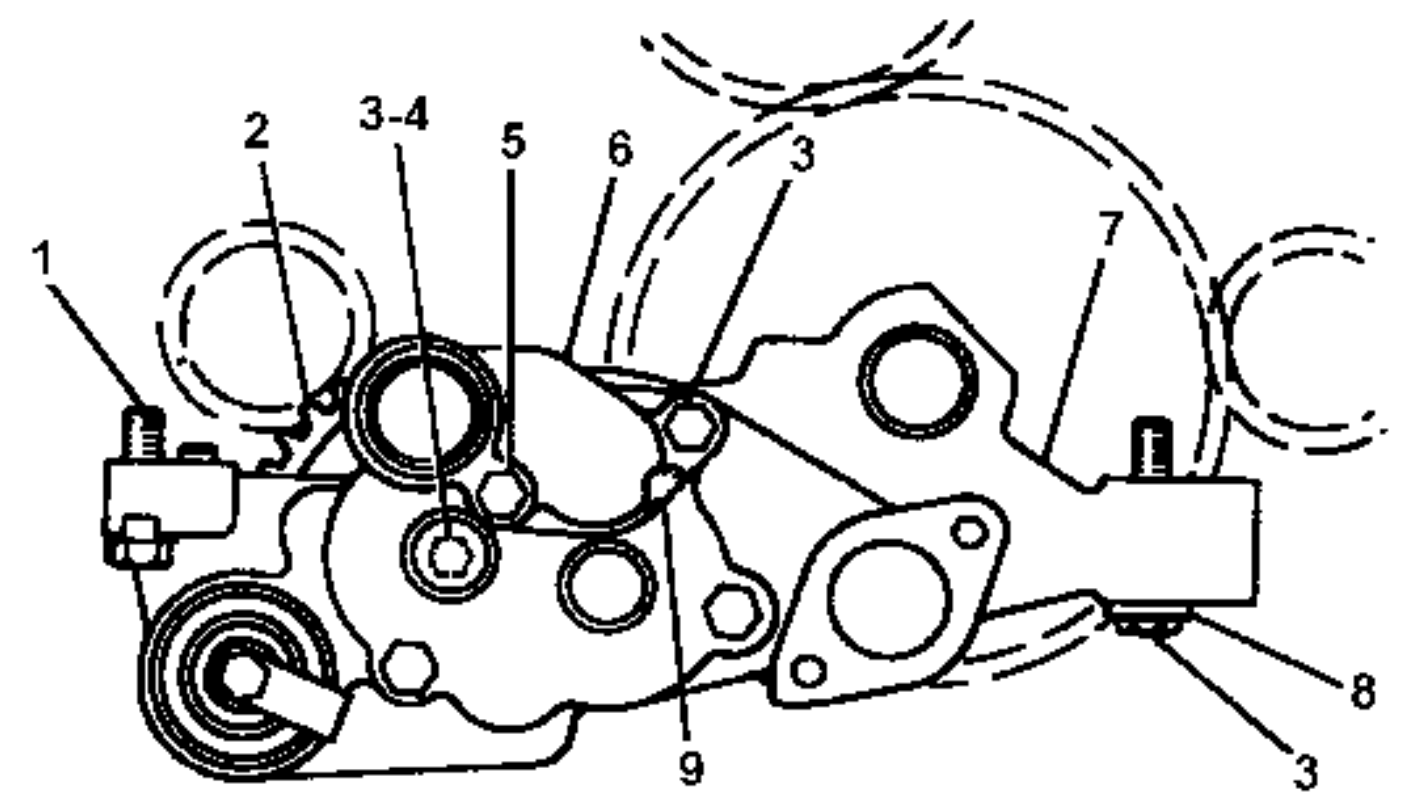
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2P-1784 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (2P1784 N/S) 4W2448--Page 28

Drawing 1 of 1



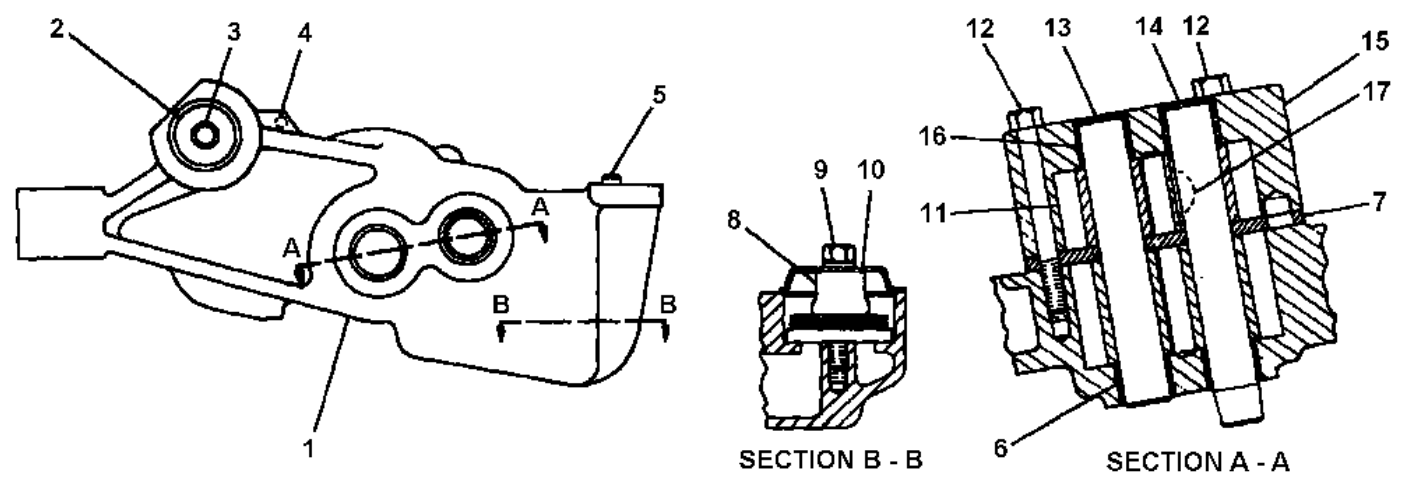
Ref.	Part number	Description	Qty	Code	Group page
1	3B-1915	BOLT	2		
	8M-7587	LOCK	2		
2	8S-0497	GEAR (40 Teeth)	1		
	8M-5599	KEY	1		
3	0S-1590	BOLT	4		
4	1P-7346	WASHER	1		
5	0S-1619	BOLT	1		
6	4N-5353	ELBOW	1		
7	4W-2448	PUMP GROUP	1	RY	
(See Separate Illustration)					
8	0T-0329	LOCK	1		
9	2P-8746	GASKET	1		

CAT codes: R, Y.

4W-2448 PUMP GP-ENGINE OIL

4W2448 GEAR PUMP GROUP Part of Engine Oil Pump

Drawing 1 of 1

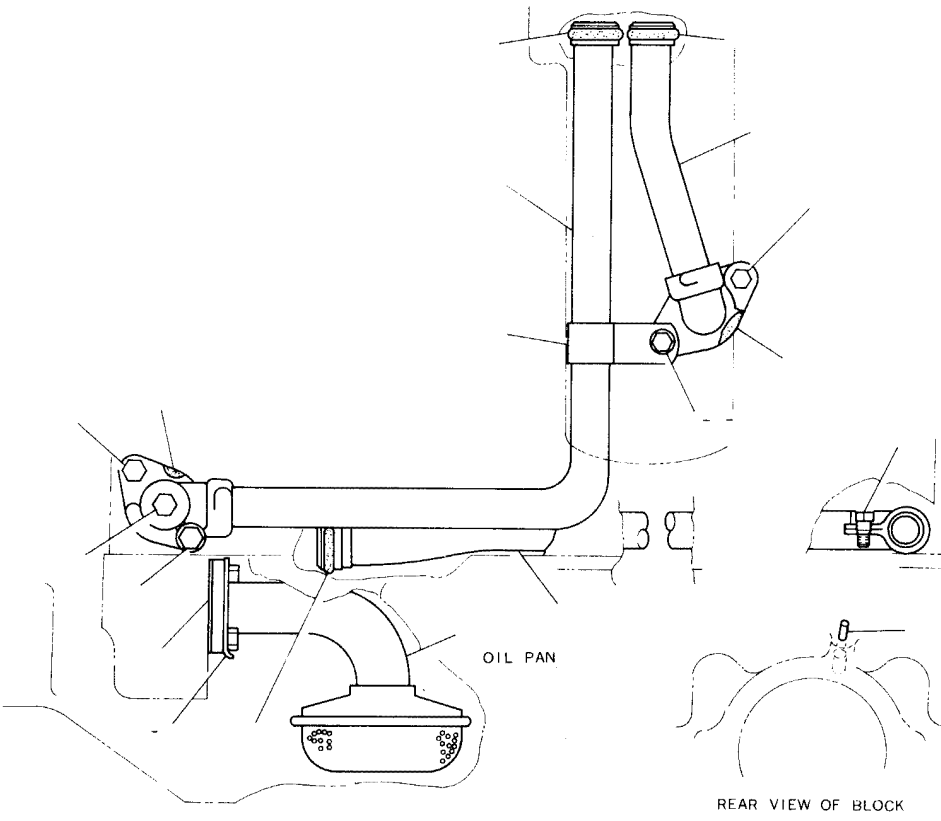


Ref.	Part number	Description	Qty	Code	Group page
1	4W-2322	BODY ASSEM.	1		
2	2P-1170	SHAFT ASSEM.	1		
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	8S-6511	BEARING	2		
7	2P-1781	SPACER	1		
8	4N-8385	VALVE ASSEM.	1		
9	2B-2694	BOLT	1		
	9M-1974	WASHER	1		
10	4N-3732	COVER	1		
11	6N-1036	GEAR (8 TEETH)	2		
12	0T-0065	BOLT	3		
13	8S-0493	SHAFT ASSEM.	1		
14	2P-6245	SHAFT ASSEM.	1		
15	4W-2321	BODY ASSEM.	1		
16	8S-6511	BEARING	2		
17	1B-8709	KEY	1		

2P-6512 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6512 N/S)

Drawing 1 of 1



OIL PAN

REAR VIEW OF BLOCK

NOTE 注記	NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記事
	1	1A2029	1	BOLT(28.5 mm LONG)
	2	2M5407	1	GASKET
	3	S1594	3	BOLT
	4	4L1361	1	CLIP
	5	8N7318	1	TUBE ASSEM.
	6	5M6213	1	PLUG
C	7	6B7469	1	SPACER
	8	9M4849	3	SEAL
	9	8N7315	1	TUBE ASSEM.
	10	7F7590	1	GASKET
C	11	T0102	1	BOLT
		L0364	1	LOCK
	12	2S1541	4	ORIFICE
C	13	9Y7589	1	TUBE ASSEM.
C	14	7C2880	1	BELL ASSEM.
	15	8S8874	1	LOCK
	16	8M0904	1	GASKET
	17	L2070	1	BOLT(57 mm LONG)
	18	5M2894	1	WASHER
	19	S1590	1	BOLT(51 mm LONG)

C— INDICATES CHANGE

J43455E

Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT (28.5 mm LONG)	1		
2	2M-5407	GASKET	1		
3	0S-1594	BOLT	3		
4	4L-1361	CLIP	1		
5	8N-7318	TUBE ASSEM.	1		
6	5M-6213	PLUG	1		
7	6B-7469	SPACER	1	C	
8	9M-4849	SEAL	3		
9	8N-7315	TUBE ASSEM.	1		
10	7F-7590	GASKET	1		
11	0T-0102	BOLT	1	C	
	0L-0364	LOCK	1		
12	2S-1541	ORIFICE	4		
13	9Y-7589	TUBE ASSEM.	1	C	
14	7C-2880	BELL ASSEM.	1	C	
15	8S-8874	LOCK	1		
16	8M-0904	GASKET	1		

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

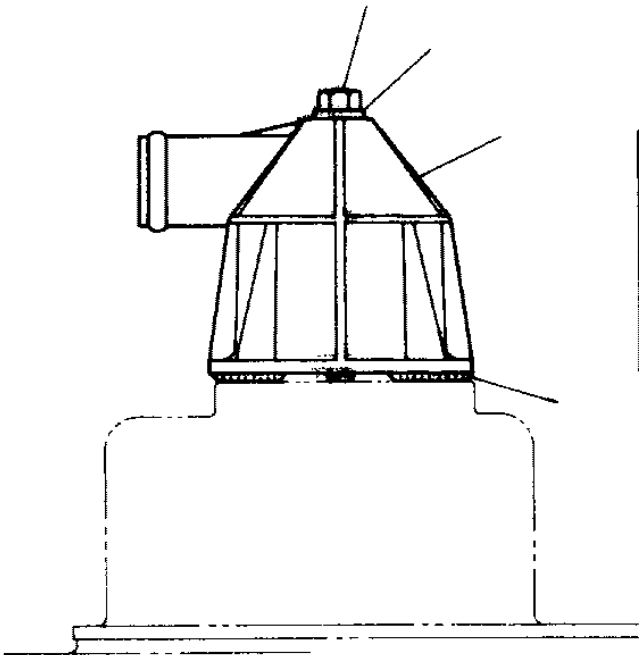
Ref.	Part number	Description	Qty	Code	Group page
17	0L-2070	BOLT (57 mm LONG)	1		
18	5M-2894	WASHER	1		
19	0S-1590	BOLT (51 mm LONG)	1		

CAT codes: C.

1P-4244 BREATHER GP

BREATHER (1P4244 N/S)

Drawing 1 of 1



NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記事
1	3H3243	1	BOLT
2	9N0869	1	WASHER
3	2W9162	1	BREATHER ASSEM.
4	4L9564	1	SEAL

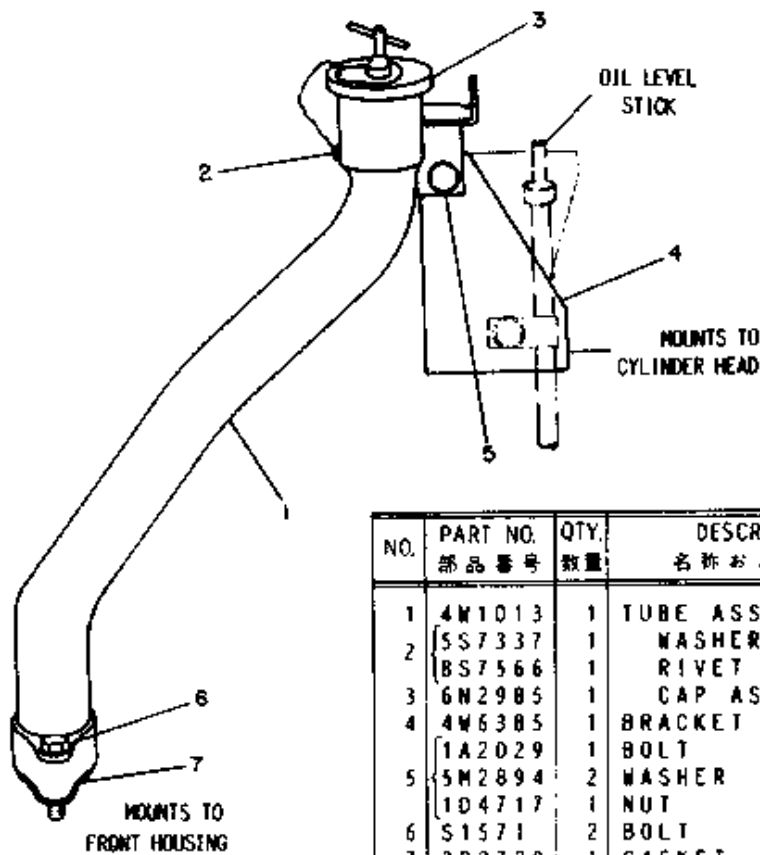
J36868E

Ref.	Part number	Description	Qty	Code	Group page
1	3H-3243	BOLT	1		
2	9N-0869	WASHER	1		
3	2W-9162	BREATHER ASSEM.	1		
4	4L-9564	SEAL	1		

4W-1767 FILLER GP-OIL

OIL FILLER (4W1767 N/S)

Drawing 1 of 1



NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記事
1	4W1013	1	TUBE ASSEM.
2	5S7337	1	WASHER
	8S7566	1	RIVET
3	6N2985	1	CAP ASSEM.
4	4W6385	1	BRACKET ASSEM.
	1A2029	1	BOLT
5	5M2894	2	WASHER
	1D4717	1	NUT
6	S1571	2	BOLT
7	2P2720	1	GASKET

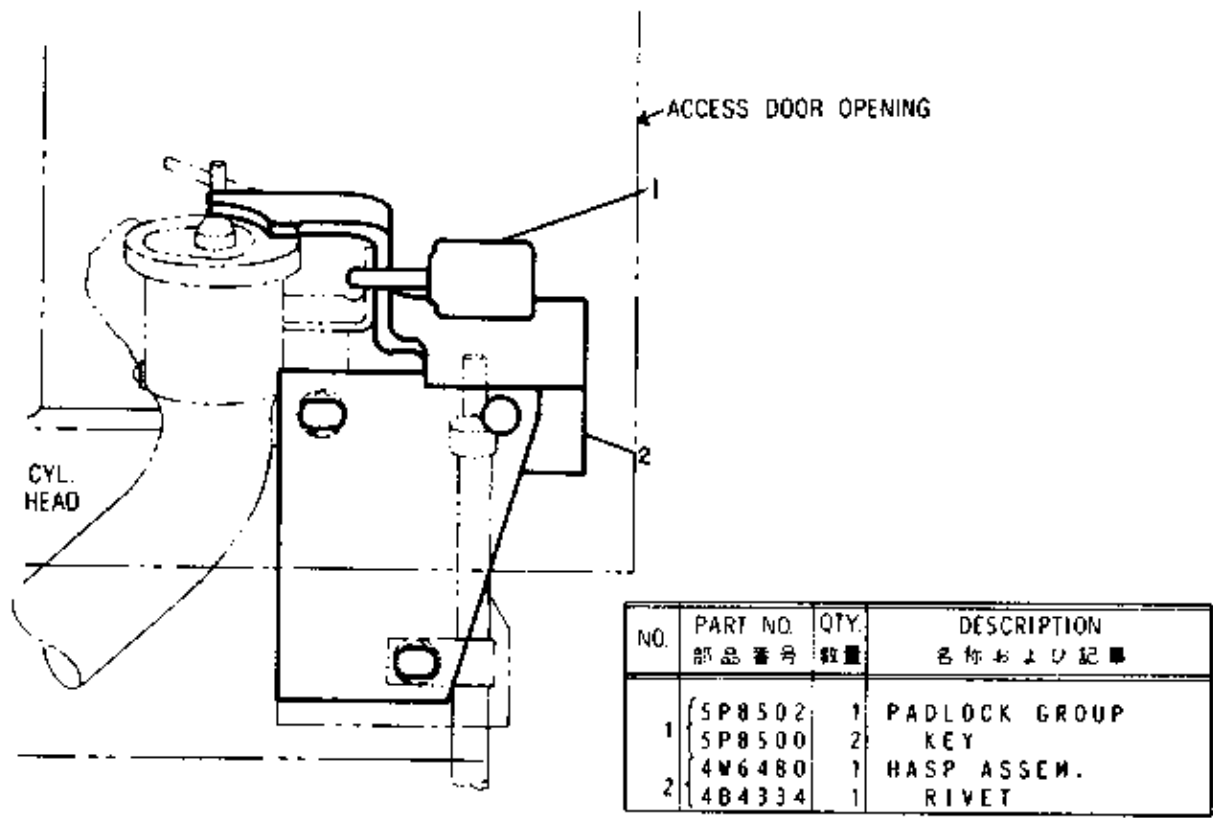
J29950E

Ref.	Part number	Description	Qty	Code	Group page
1	4W-1013	TUBE ASSEM.	1		
2	5S-7337	WASHER	1		
	8S-7566	RIVET	1		
3	6N-2985	CAP ASSEM.	1		
4	4W-6385	BRACKET ASSEM.	1		
5	1A-2029	BOLT	1		
	5M-2894	WASHER	2		
	1D-4717	NUT	1		
6	0S-1571	BOLT	2		
7	2P-2720	GASKET	1		

4W-1686 PROTECTION GP-VANDALISM

VANDALISM PROTECTION (4W1686 N/S)--Oil Filler & Oil Level Gauge Part of 3W1042 and 3W1043 Vandalism Protection Arrangements listed on Page 352 AN ATTACHMENT

Drawing 1 of 1



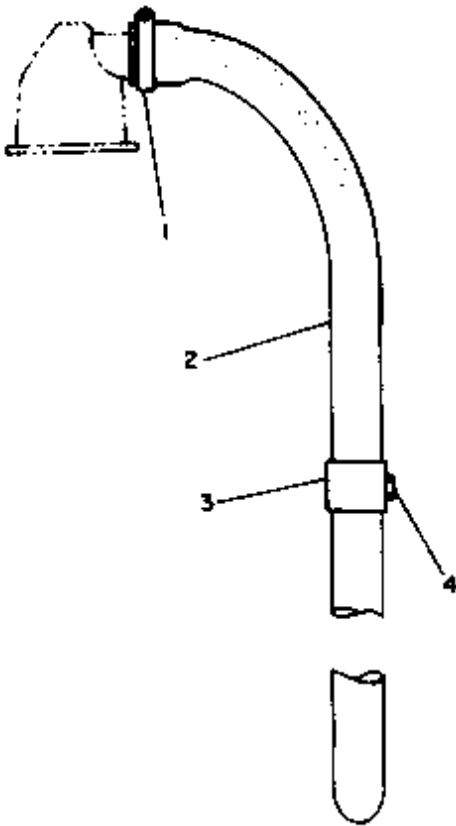
J30105E

Ref.	Part number	Description	Qty	Code	Group page
1	5P-8502	PADLOCK GROUP	1		
	5P-8500	KEY	2		
2	4W-6480	HASP ASSEM.	1		
	4B-4334	RIVET	1		

8N-9076 FUMES DISPOSAL GP

FUMES DISPOSAL (8N9076 N/S)

Drawing 1 of 1



NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記事
1	9M2904	1	CLAMP
2	4W2181	1	HOSE
3	4D7388	1	CLIP
4	51618	1	BOLT

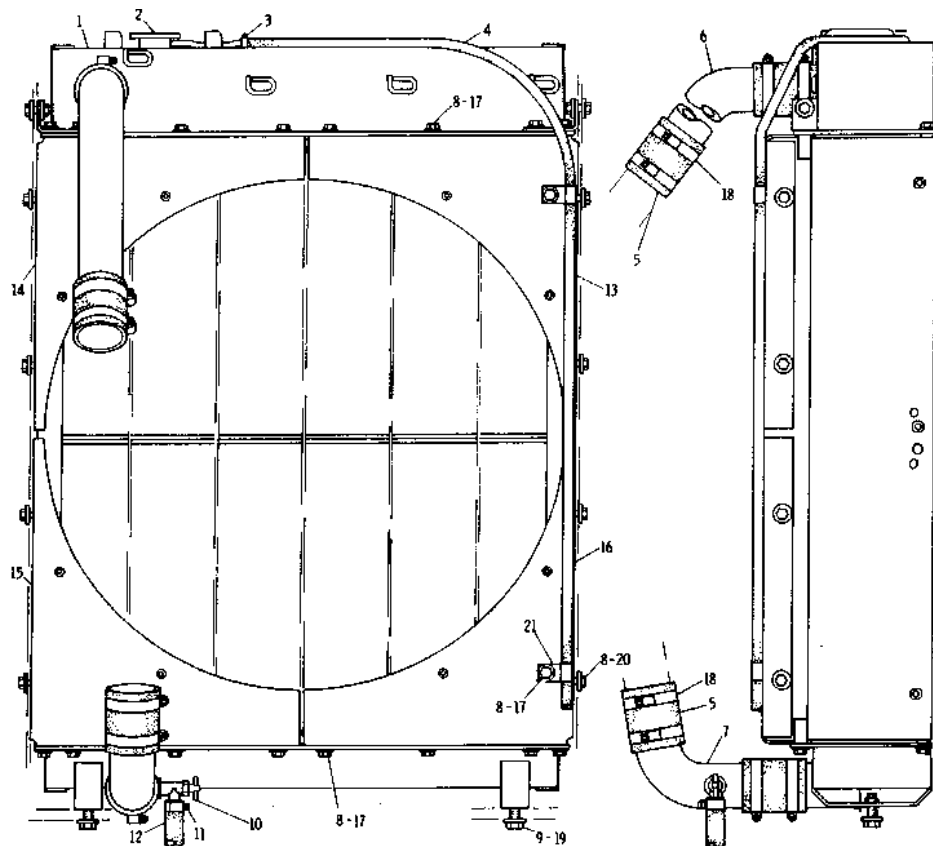
J29951E

Ref.	Part number	Description	Qty	Code	Group page
1	9M-2904	CLAMP	1		
2	4W-2181	HOSE	1		
3	4D-7388	CLIP	1		
4	0S-1618	BOLT	1		

4P-0497 RADIATOR GP

RADIATOR (4P497 N/S) 9Y8531-Page 34

Drawing 1 of 1



NOTE 注記	NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記号
Y	1	8N9536	1	RADIATOR GROUP (FOR JAPAN)
Y		9Y8531	1	RADIATOR GROUP (FOR OUTSIDE JAPAN)
	2	3Y2511	1	CAP
	3	1P4278	1	CLAMP
E	4	5P1420	1	HOSE --- 173cm
	5	5P1262	4	HOSE
	6	7W6721	1	TUBE
	7	7W6720	1	TUBE ASSEM.
		6B7246	1	BOSS
	8	4L6454	22	BOLT
	9	5P1076	2	WASHER
	10	8F8151	1	COCK
	11	5D1026	1	CLAMP
E	12	5P0767	1	HOSE --- 24cm
	13	9Y7721	1	SHIELD ASSEM.
		9F2978	8	NUT (WELD)
	14	7W6714	1	SHIELD ASSEM.
		9F2978	7	NUT (WELD)
	15	7W6716	1	SHIELD ASSEM.
		9F2978	7	NUT (WELD)
	16	9Y7722	1	SHIELD ASSEM.
		9F2978	8	NUT (WELD)
	17	5P1075	14	WASHER
	18	5P4868	8	CLAMP
	19	5P2566	2	BOLT
	20	8T2561	8	WASHER
	21	5B1345	2	CLIP

Y - SEE SEPARATE
ILLUSTRATION
E - ORDER BY THE CM

J38756E

Ref.	Part number	Description	Qty	Code	Group page
1	8N-9536	RADIATOR GROUP	1	Y	
		(FOR JAPAN)			
	9Y-8531	RADIATOR GROUP	1	Y	
		(FOR OUTSIDE JAPAN)			
2	3Y-2511	CAP	1		
3	1P-4278	CLAMP	1		
4	5P-1420	HOSE 173 cm		E	
5	5P-1262	HOSE	4		
6	7W-6721	TUBE	1		
7	7W-6720	TUBE ASSEM.	1		
	6B-7246	BOSS	1		
8	4L-6454	BOLT	22		
9	5P-1076	WASHER	2		
10	8F-8151	COCK	1		
11	5D-1026	CLAMP	1		
12	5P-0767	HOSE 24 cm		E	

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