

CATERPILLAR 5S

4FH / XEBP7012

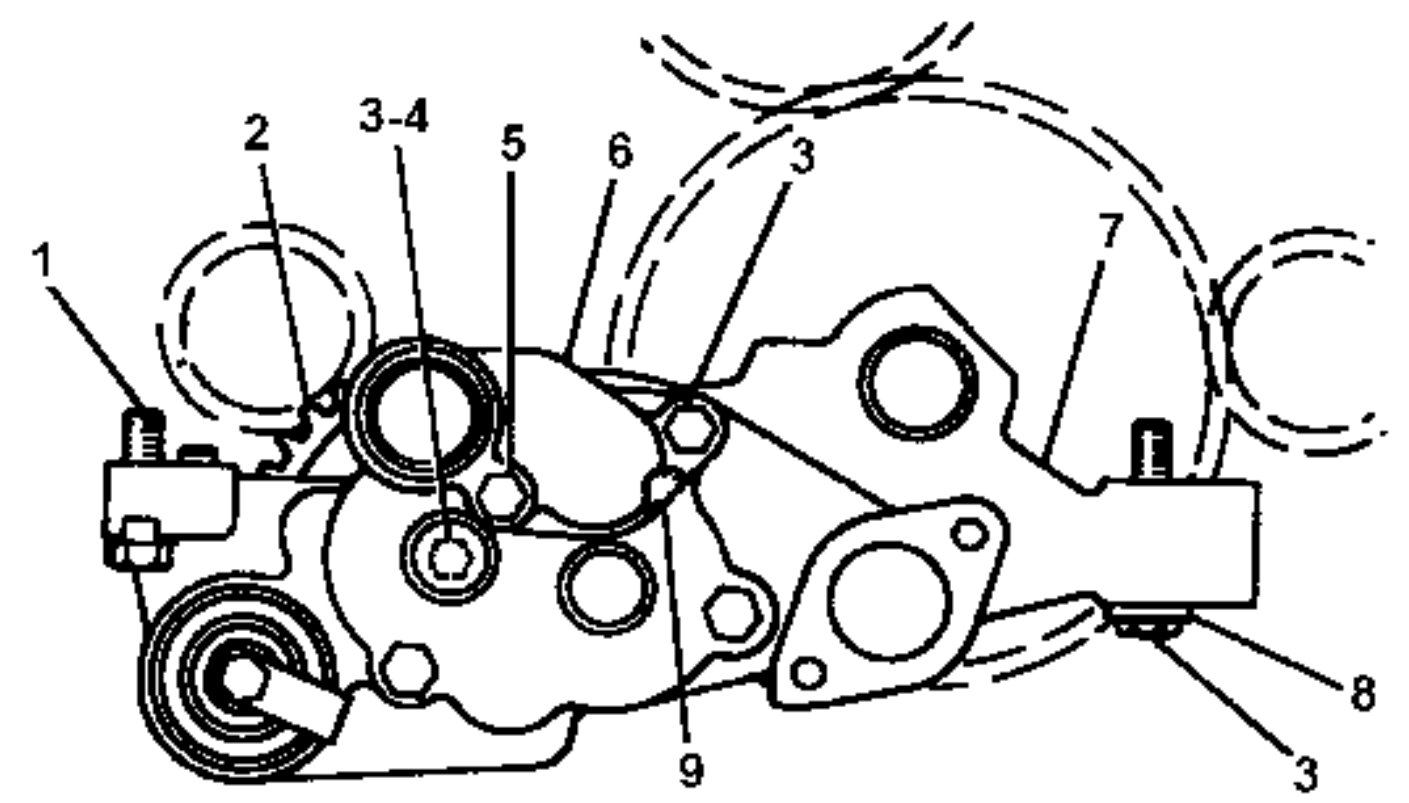
Contents

Section	Page
Lubrication system	2
Cooling system	10
Air inlet and exhaust	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Power train	
Power train	
Fuel system	
Hydraulic system	
Power train	
Air inlet and exhaust	
Labels, kits and diagnostics	

2P-1784 PUMP GP-ENGINE OIL

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

Drawing 1 of 1



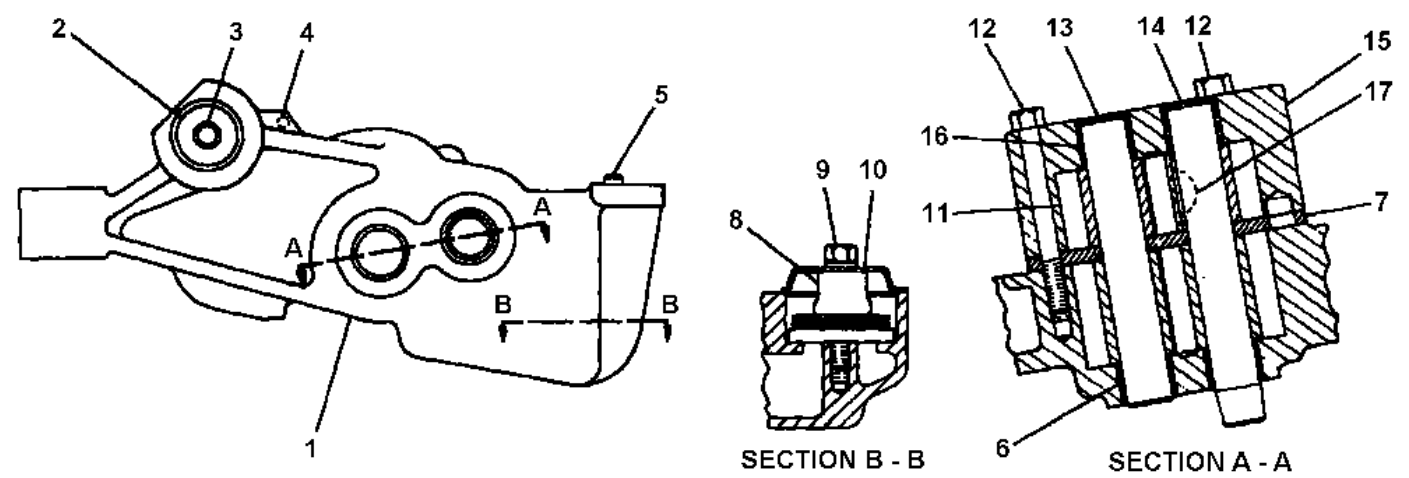
Ref.	Part number	Description	Qty .	Code	Group page
1	3B-1915	BOLT	2		
	8M-7587	LOCK	2		
2	8S-0497	GEAR (40 Teeth)	1		
	8M-5599	KEY	1		
3	0S-1590	BOLT	4		
4	1P-7346	WASHER	1		
5	0S-1619	BOLT	1		
6	4N-5353	ELBOW	1		
7	4W-2448	PUMP GROUP	1	RY	
(See Separate Illustration)					
8	0T-0329	LOCK	1		
9	2P-8746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

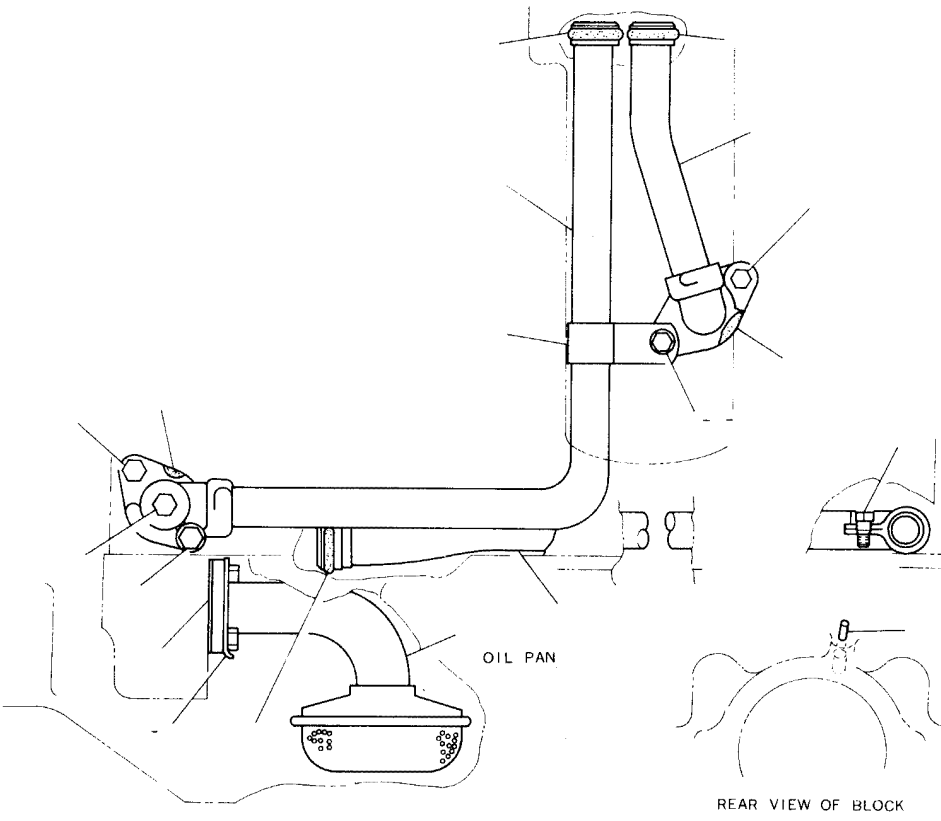


Ref.	Part number	Description	Qty	Code	Group page
1	4W-2322	BODY ASSEM.	1		
2	2P-1170	SHAFT ASSEM.	1		
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	8S-6511	BEARING	2		
7	2P-1781	SPACER	1		
8	4N-8385	VALVE ASSEM.	1		
9	2B-2694	BOLT	1		
	9M-1974	WASHER	1		
10	4N-3732	COVER	1		
11	6N-1036	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)

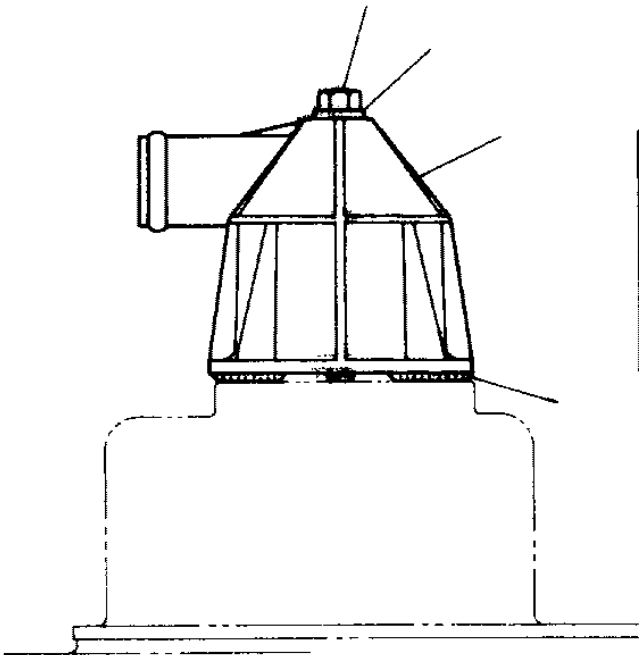
Ref.	Part number	Description	Qty	Code	Group page
17	0L-2070	BOLT (57 mm LONG)	1		
18	5M-2894	WASHER	1		
19	0S-1590	BOLT (51 mm LONG)	1		

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

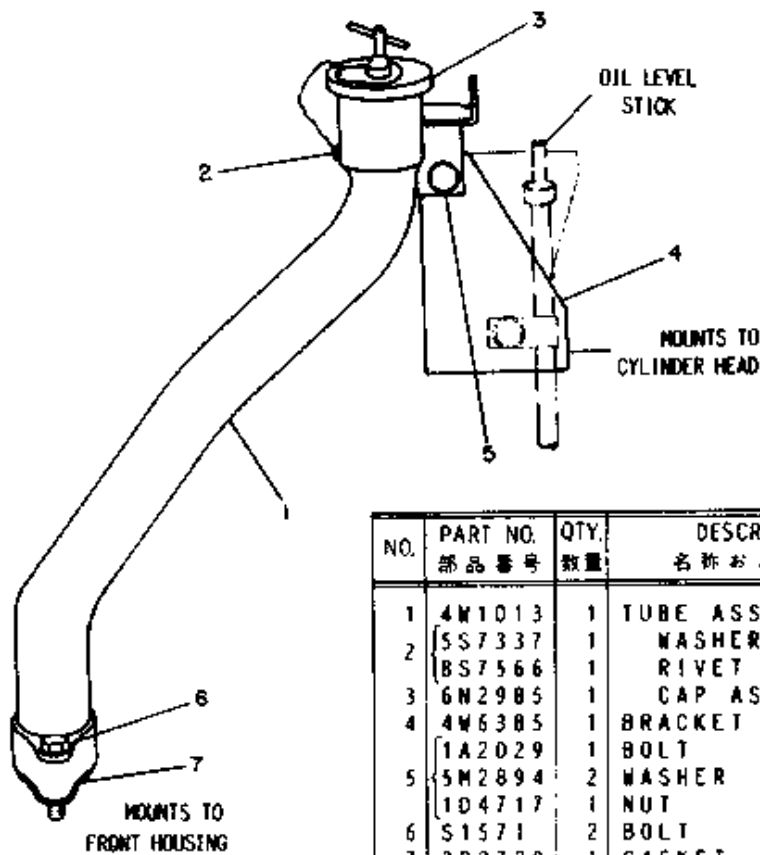
J36868E

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

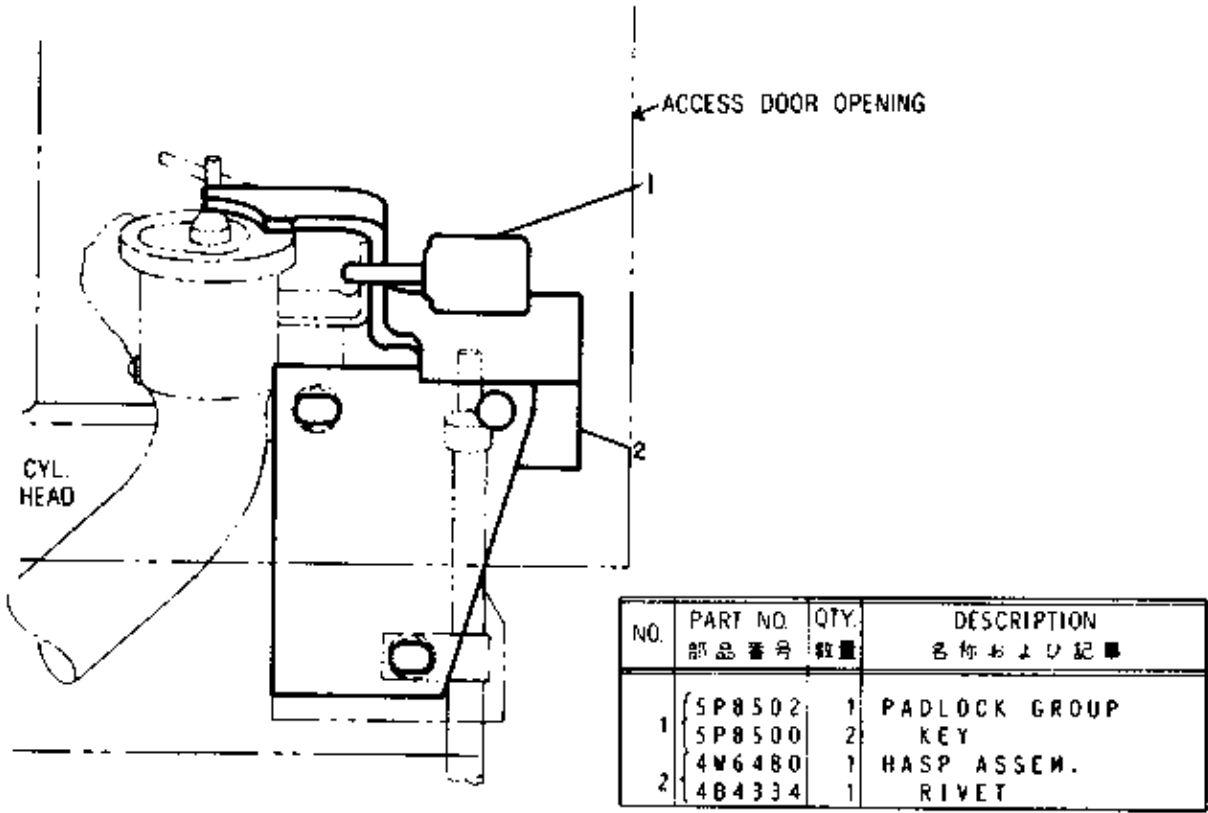
J29950E

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



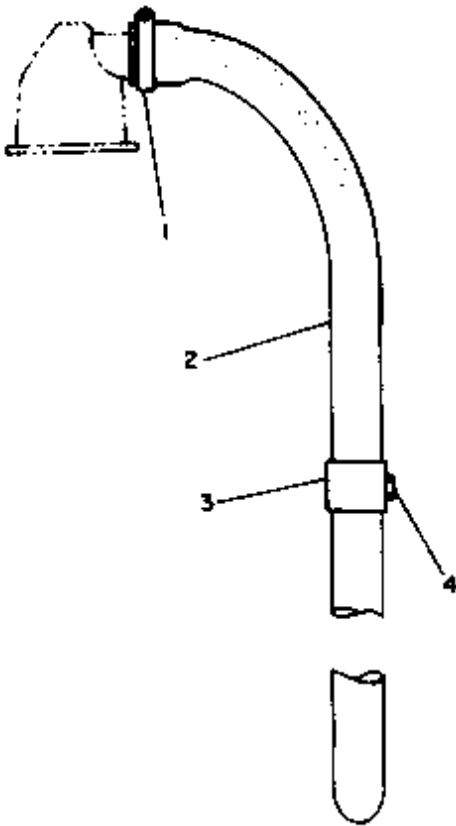
J30105E

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

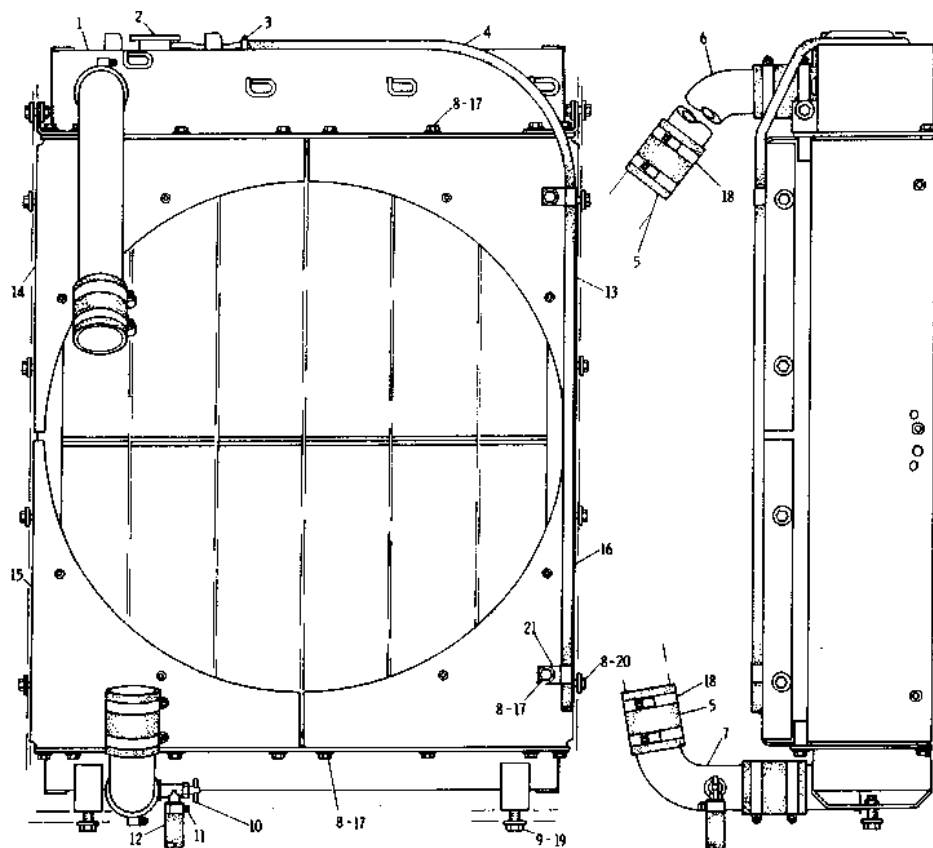
J29951E

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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