

CATERPILLAR 963

48Z / XEBP7061

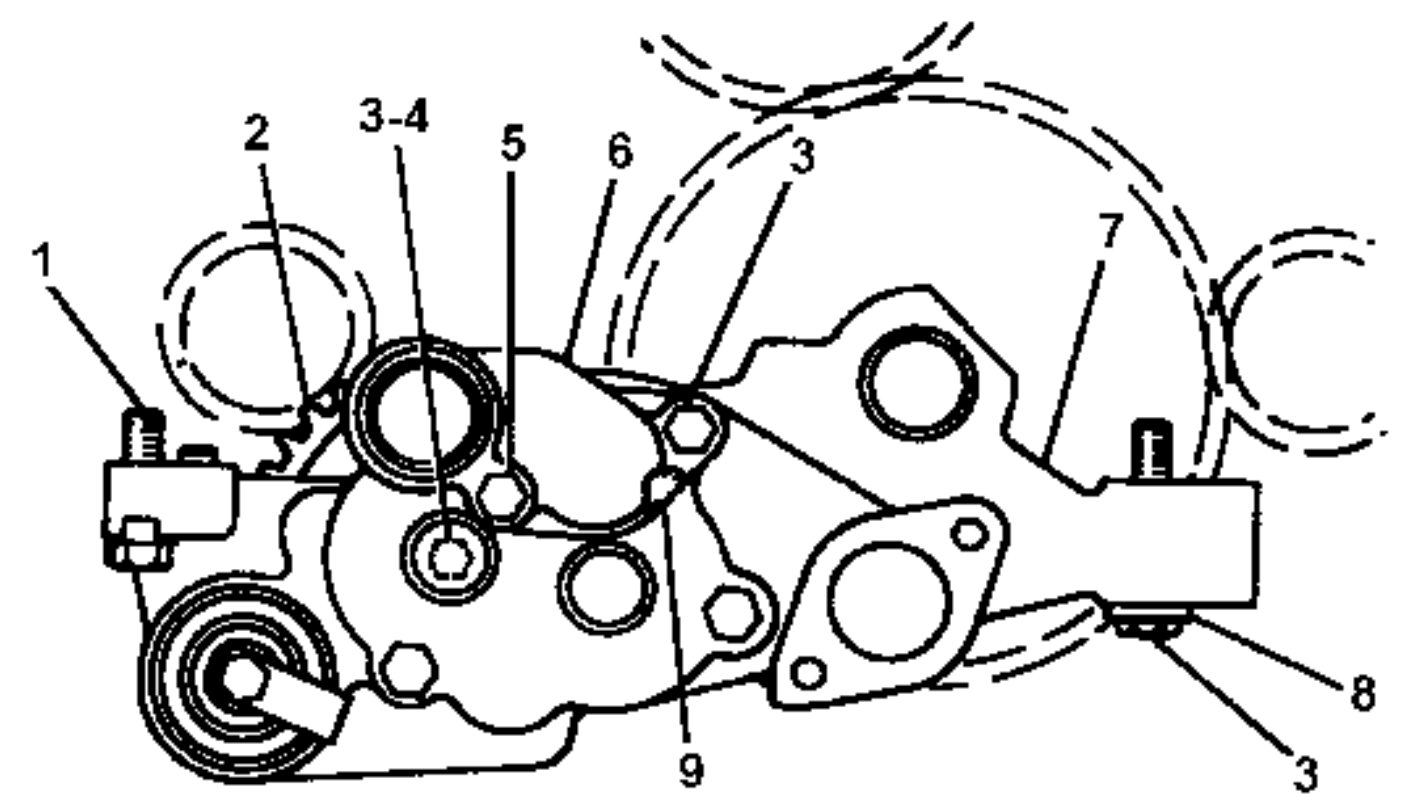
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2P-1784 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (2P1784 N/S) 4W2448--Page 29

Drawing 1 of 1



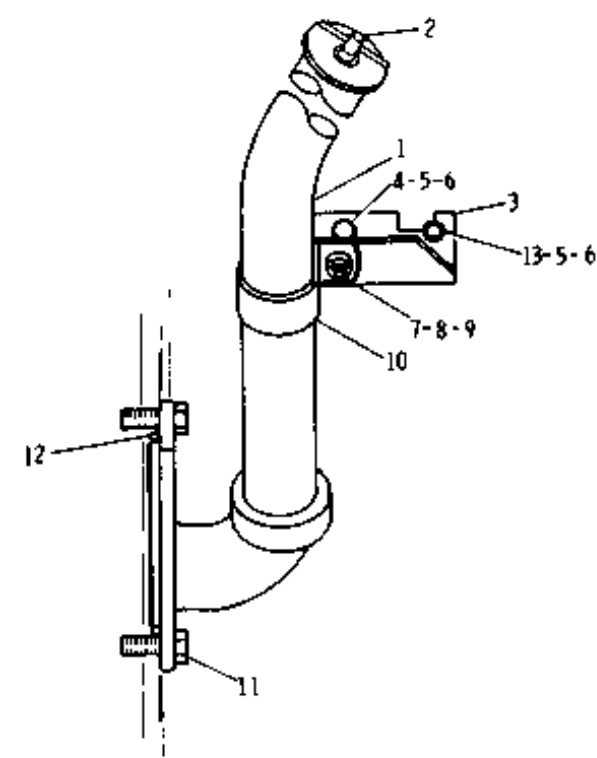
Ref.	Part number	Description	Qty .	Code	Group page
1	3B-1915	BOLT	2		
	8M-7587	LOCK	2		
2	8S-0497	GEAR (40 Teeth)	1		
	8M-5599	KEY	1		
3	0S-1590	BOLT	4		
4	1P-7346	WASHER	1		
5	0S-1619	BOLT	1		
6	4N-5353	ELBOW	1		
7	4W-2448	PUMP GROUP	1	RY	
(See Separate Illustration)					
8	0T-0329	LOCK	1		
9	2P-8746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

CAT codes: R, Y.

7N-1620 FILLER GP-OIL

OIL FILLER (7N1620 N/S)

Drawing 1 of 1



NOTE	NO.	PART NO.	QTY.	DESCRIPTION
注記	NO.	部品番号	数量	名称および記事
	1	4W0259	1	TUBE ASSEM.
	2	2W6225	1	CAP ASSEM.
C	3	4Y4931	1	BRACKET
C	4	684185	1	SLEEVE
	5	1B9575	2	BOLT
C	6	9M1974	3	WASHER
	7	L1351	1	BOLT
	8	1D4717	1	NUT
	9	5M2894	2	WASHER
	10	1S2067	1	CLIP
	11	S1566	2	BOLT
	12	5F3106	1	SELA
C	13	6B2882	1	SPACER

C - INDICATES CHANGE

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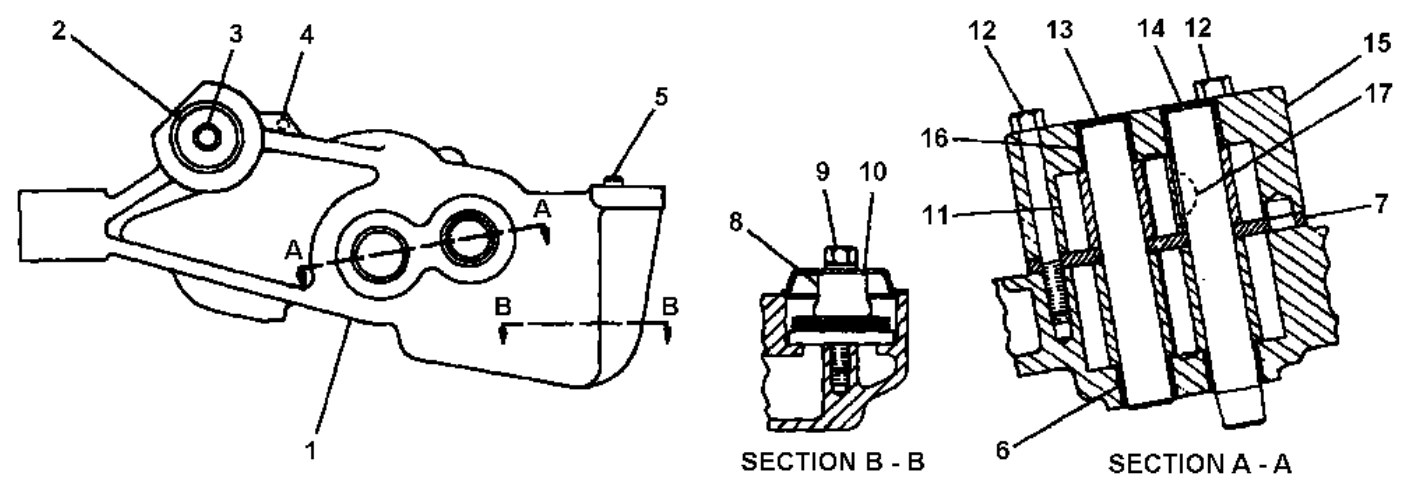
Ref.	Part number	Description	Qty	Code	Group page
1	4W-0259	TUBE ASSEM.	1		
2	2W-6225	CAP ASSEM.	1		
3	4Y-4931	BRACKET	1	C	
4	068-4185	SLEEVE	1	C	
5	1B-9575	BOLT	2		
6	9M-1974	WASHER	3	C	
7	0L-1351	BOLT	1		
8	1D-4717	NUT	1		
9	5M-2894	WASHER	2		
10	1S-2067	CLIP	1		
11	0S-1566	BOLT	2		
12	5F-3106	SELA	1		
13	6B-2882	SPACER	1	C	

CAT codes: C.

4W-2448 PUMP GP-ENGINE OIL

4W2448 GEAR PUMP GROUP Part of Engine Oil Pump

Drawing 1 of 1

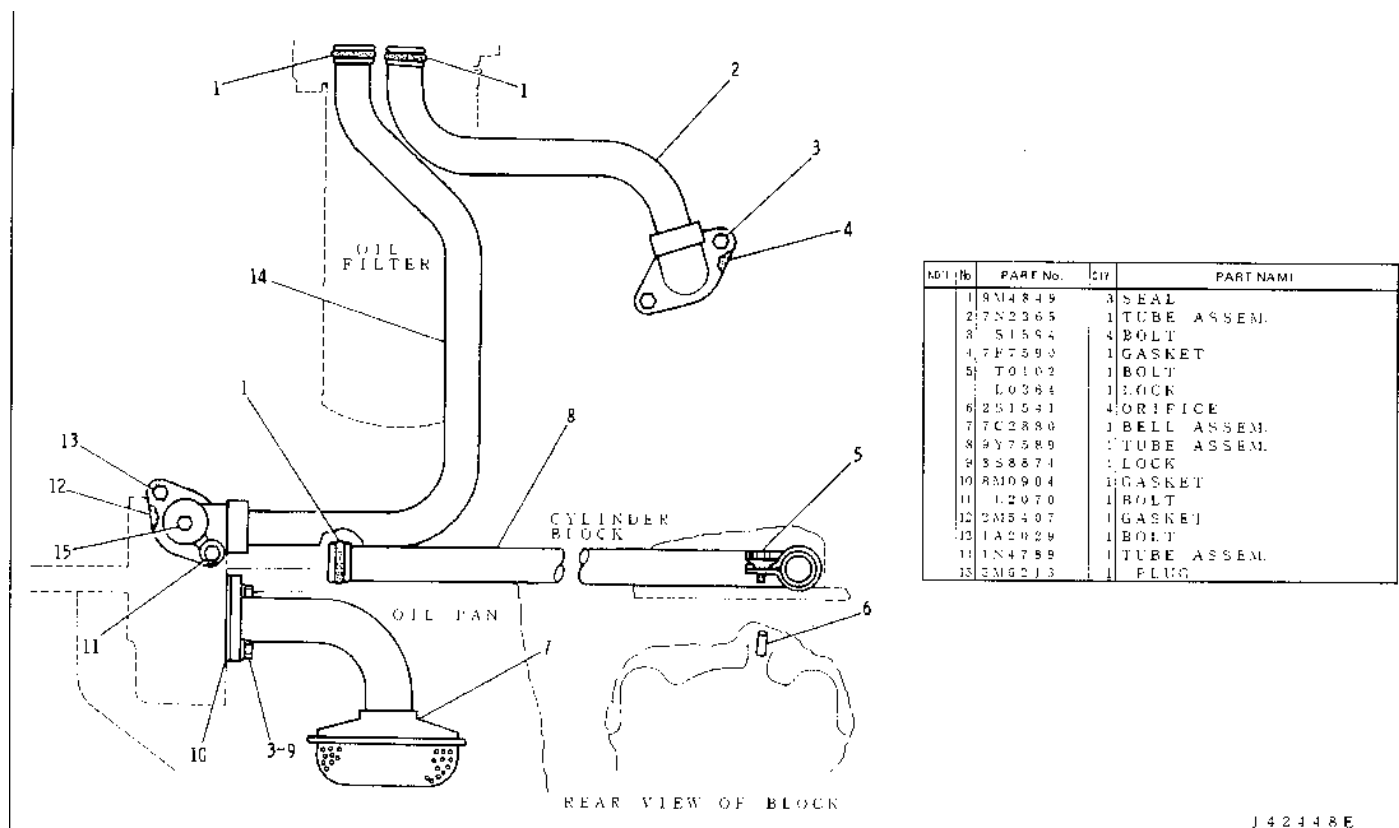


Ref.	Part number	Description	Qty	Code	Group page
1	4W-2322	BODY ASSEM.	1		
2	2P-1170	SHAFT ASSEM.	1		
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	8S-6511	BEARING	2		
7	2P-1781	SPACER	1		
8	4N-8385	VALVE ASSEM.	1		
9	2B-2694	BOLT	1		
	9M-1974	WASHER	1		
10	4N-3732	COVER	1		
11	6N-1036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

7N-1719 LINES GP-ENGINE OIL

ENGINE OIL LINES (7N1719 N/S)

Drawing 1 of 1

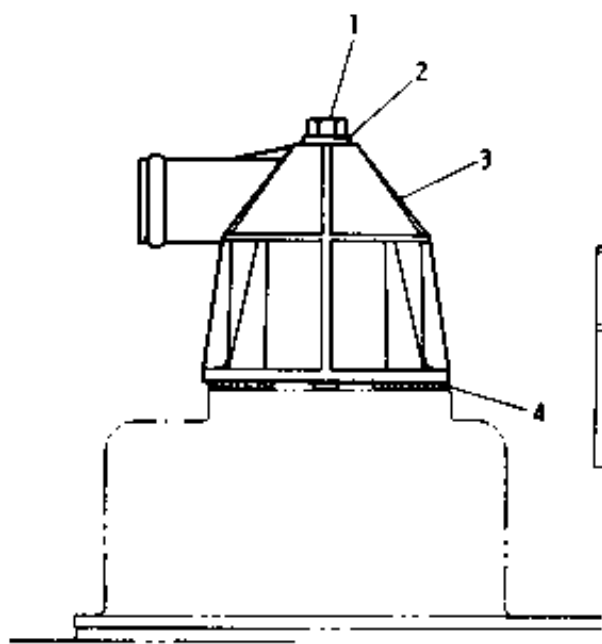


Ref.	Part number	Description	Qty	Code	Group page
1	9M-4849	SEAL	3		
2	7N-2365	TUBE ASSEM.	1		
3	0S-1584	BOLT	4		
4	7F-7590	GASKET	1		
5	0T-0102	BOLT	1		
	0L-0364	LOCK	1		
6	2S-1541	ORIFICE	4		
7	7C-2880	BELL ASSEM.	1		
8	9Y-7589	TUBE ASSEM.	1		
9	8S-8874	LOCK	1		
10	8M-0904	GASKET	1		
11	0L-2070	BOLT	1		
12	2M-5407	GASKET	1		
13	1A-2029	BOLT	1		
14	1N-4789	TUBE ASSEM.	1		
15	5M-6213	PLUG	1		

9Y-1252 BREATHER GP

BREATHER (9Y1252 N/S)

Drawing 1 of 1



NOTE 注記	NO.	PART NO. 部品番号	QTY. 数量	DESCRIPTION 名称および記事
	1	3H3243	1	BOLT
	2	4K9890	1	WASHER
	3	8S0248	1	BREATHER ASSEM.
	4	4L9564	1	SEAL

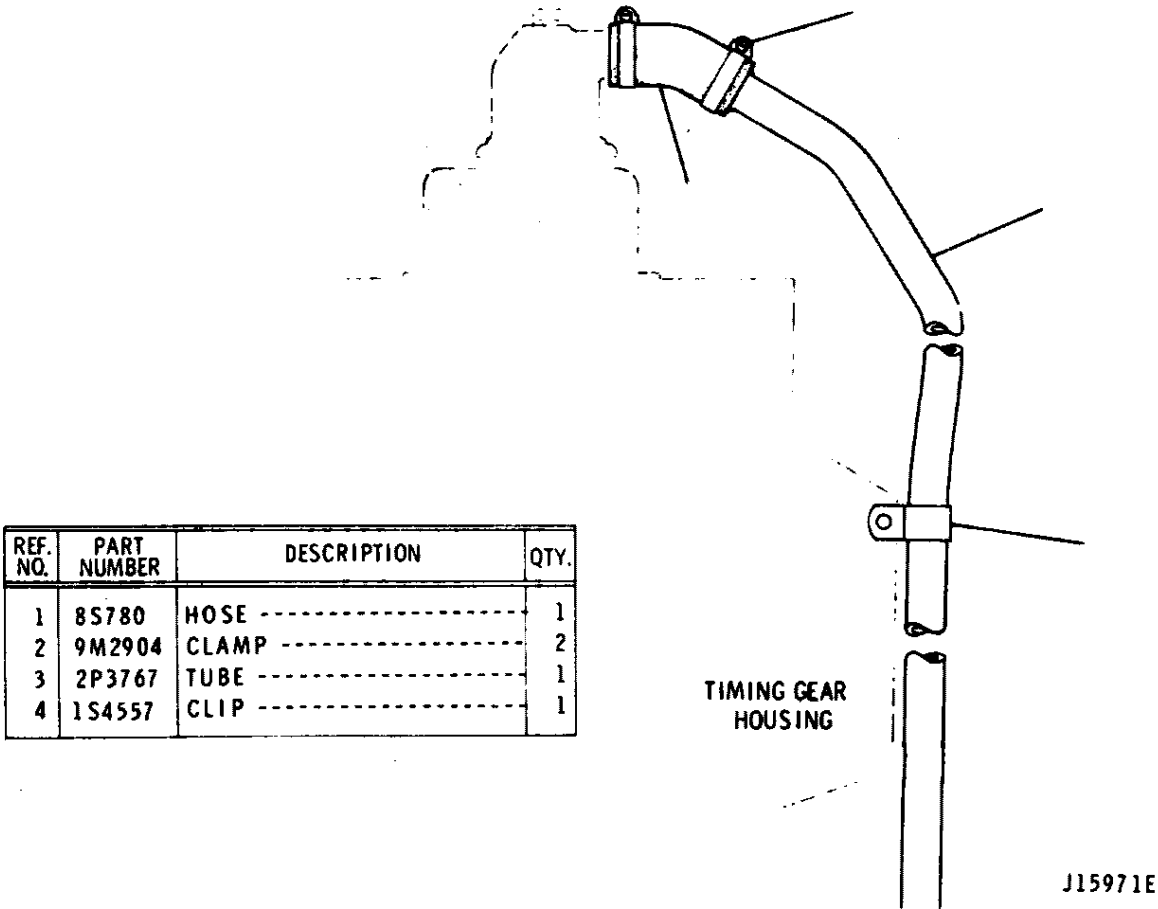
J38217E

Ref.	Part number	Description	Qty	Code	Group page
1	3H-3243	BOLT	1		
2	4K-9890	WASHER	1		
3	8S-0248	BREATHER ASSEM.	1		
4	4L-9564	SEAL	1		

3N-3392 FUMES DISPOSAL GP

FUMES DISPOSAL (3N3392 N/S)

Drawing 1 of 1

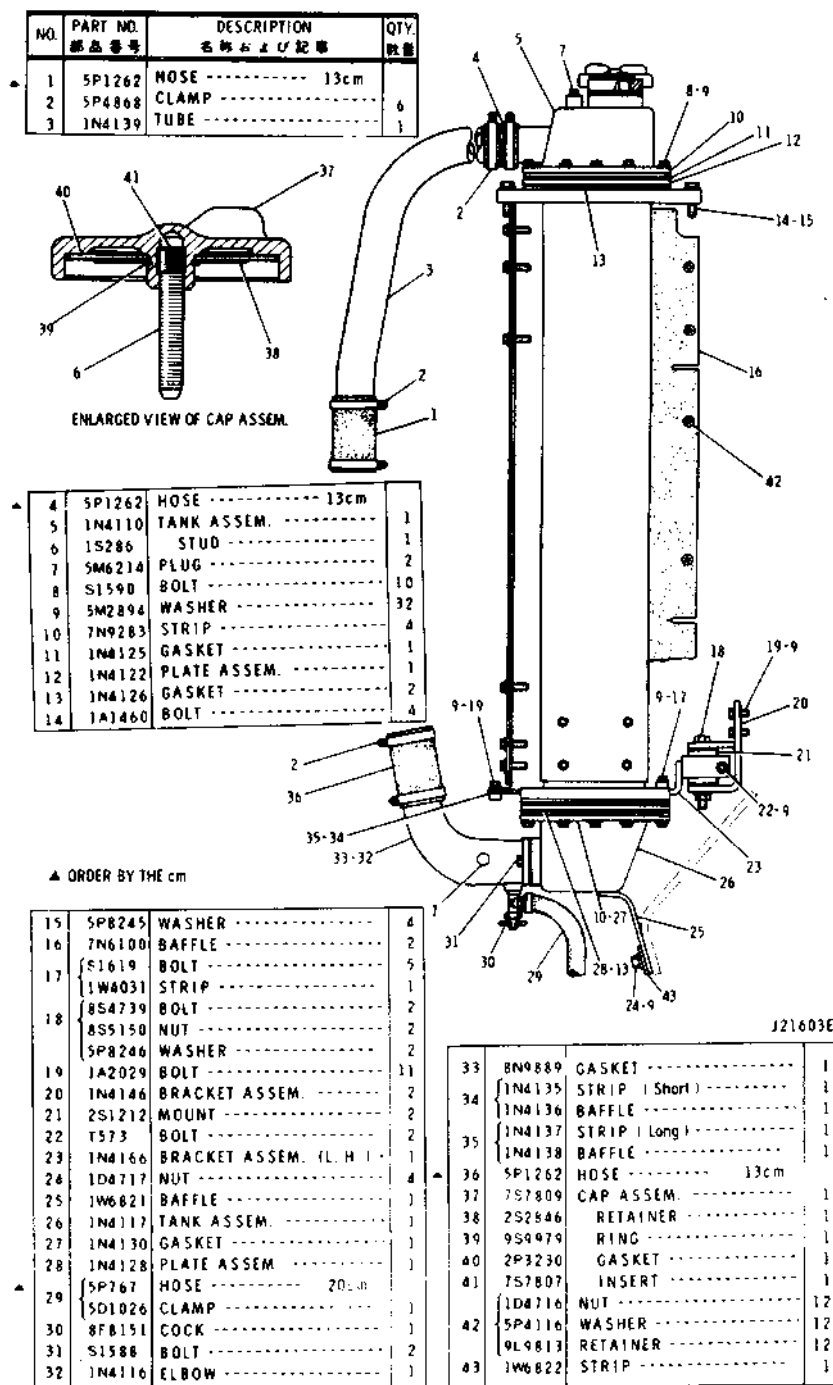


Ref.	Part number	Description	Qty	Code	Group page
1	8S-0780	HOSE	1		
2	9M-2904	CLAMP	2		
3	2P-3767	TUBE	1		
4	1S-4557	CLIP	1		

1N-4109 RADIATOR GP

RADIATOR (1N4109 N/S)--Part 1 of 2

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5P-1262	HOSE 13cm		H	
2	5P-4868	CLAMP	6		
3	1N-4139	TUBE	1		
4	5P-1262	HOSE 13cm		H	
5	1N-4110	TANK ASSEM.	1		

1N-4109 RADIATOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	1S-0286	STUD	1		
7	5M-6214	PLUG	2		
8	0S-1590	BOLT	10		
9	5M-2894	WASHER	32		
10	7N-9283	STRIP	4		
11	1N-4125	GASKET	1		
12	1N-4122	PLATE ASSEM.	1		
13	1N-4126	GASKET	2		
14	1A-1460	BOLT	4		
15	5P-8245	WASHER	4		
16	7N-6100	BAFFLE	2		
17	0S-1619	BOLT	5		
	1W-4031	STRIP	1		
18	8S-4739	BOLT	2		
	8S-5150	NUT	2		
	5P-8246	WASHER	2		
19	1A-2029	BOLT	11		
20	1N-4146	BRACKET ASSEM.	2		
21	2S-1212	MOUNT	2		
22	0T-0573	BOLT	2		
23	1N-4166	BRACKET ASSEM. (L.H.)	1		
24	1D-4717	NUT	4		
25	1W-6821	BAFFLE	1		
26	1N-4117	TANK ASSEM.	1		
27	1N-4130	GASKET	1		
28	1N-4128	PLATE ASSEM.	1		
29	5P-0767	HOSE 20cm		H	
	5D-1026	CLAMP	1		
30	8F-8151	COCK	1		
31	0S-1588	BOLT	2		
32	1N-4116	ELBOW	1		
33	8N-9889	GASKET	1		
34	1N-4135	STRIP (Short)	1		
	1N-4136	BAFFLE	1		
35	1N-4137	STRIP (Long)	1		
	1N-4138	BAFFLE	1		

1N-4109 RADIATOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
36	5P-1262	HOSE 13cm		H	
37	7S-7809	CAP ASSEM.	1		
38	2S-2846	RETAINER	1		
39	9S-9979	RING	1		
40	2P-3230	GASKET	1		
41	7S-7807	INSERT	1		
42	1D-4716	NUT	12		
	5P-4116	WASHER	12		
	9L-9813	RETAINER	12		
43	1W-6822	STRIP	1		

CAT codes: H.

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