

CATERPILLAR 963

48Z / XMBP9659

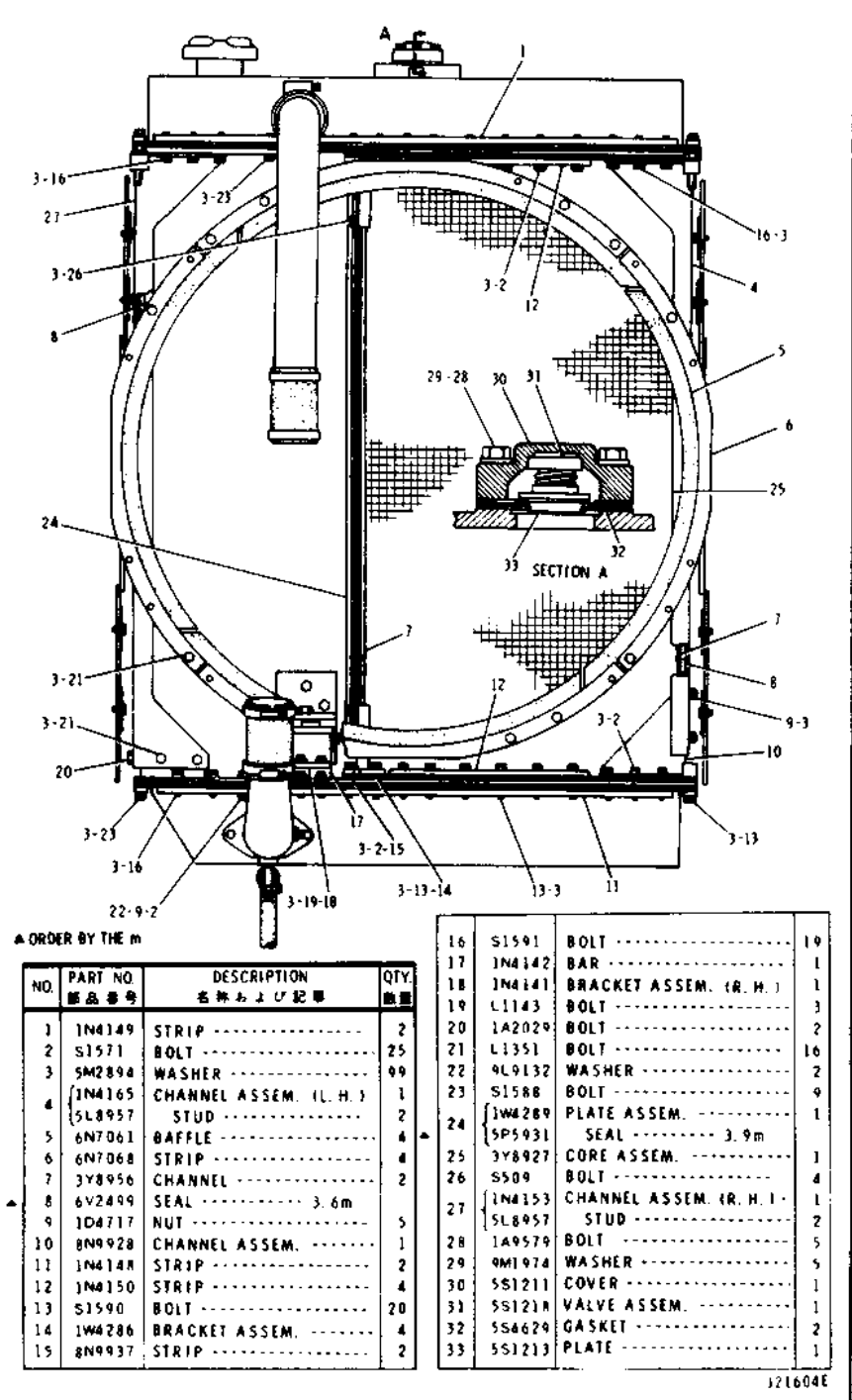
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Air inlet and exhaust	

1N-4109 RADIATOR GP

RADIATOR (1N4109 N/S) -- Part 1 of 2 Effective with Serial No. 29S1 - UP & 48Z1 - UP Note: Cooling System Inhibitor is shown on Page 289

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-4149	STRIP	2		
2	0S-1571	BOLT	25		
3	5M-2894	WASHER	99		
4	1N-4165	CHANNEL ASSEM. (L. H.)	1		

1N-4109 RADIATOR GP (continued)

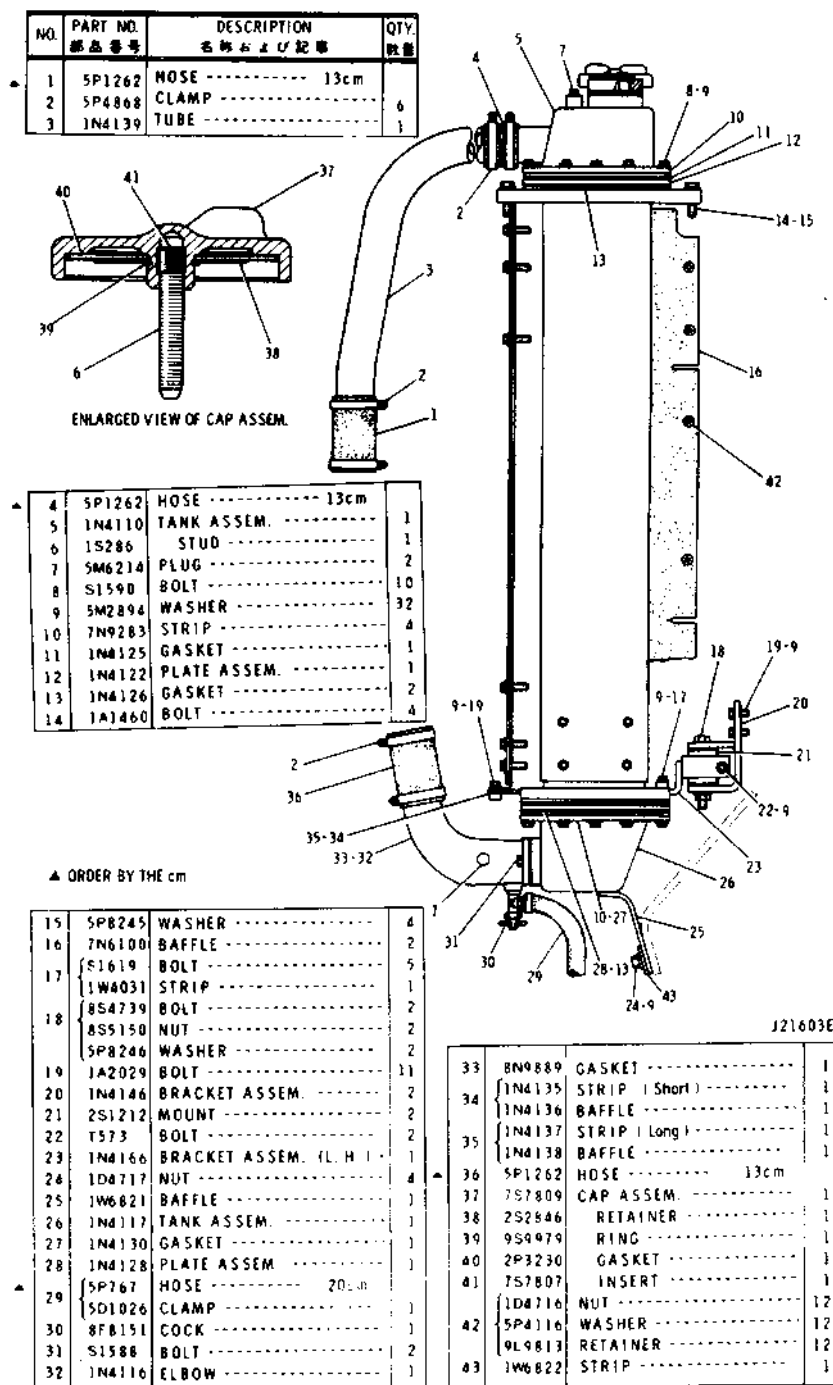
Ref.	Part number	Description	Qty	Code	Group page
	5L-8957	STUD	2		
5	6N-7061	BAFFLE	4		
6	6N-7068	STRIP	4		
7	3Y-8956	CHANNEL	2		
8	6V-2499	SEAL 3.6m		H	
9	1D-4717	NUT	5		
10	8N-9928	CHANNEL ASSEM.	1		
11	1N-4148	STRIP	2		
12	1N-4150	STRIP	4		
13	0S-1590	BOLT	20		
14	1W-4286	BRACKET ASSEM.	4		
15	8N-9937	STRIP	2		
16	0S-1591	BOLT	19		
17	1N-4142	BAR	1		
18	1N-4141	BRACKET ASSEM. (R. H.)	1		
19	0L-1143	BOLT	3		
20	1A-2029	BOLT	2		
21	0L-1351	BOLT	16		
22	9L-9132	WASHER	2		
23	0S-1588	BOLT	9		
24	1W-4289	PLATE ASSEM.	1		
	5P-5931	SEAL 3.9m		H	
25	3Y-8927	CORE ASSEM.	1		
26	0S-0509	BOLT	4		
27	1N-4153	CHANNEL ASSEM. (R. H.)	1		
	5L-8957	STUD	2		
28	1A-9579	BOLT	5		
29	9M-1974	WASHER	5		
30	5S-1211	COVER	1		
31	5S-1218	VALVE ASSEM.	1		
32	5S-4629	GASKET	2		
33	5S-1213	PLATE	1		

CAT codes: H.

1N-4109 RADIATOR GP

RADIATOR (1N4109 N/S)--Part 2 of 2 Effective with Serial No. 29S1 - UP & 48Z1 - UP

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)

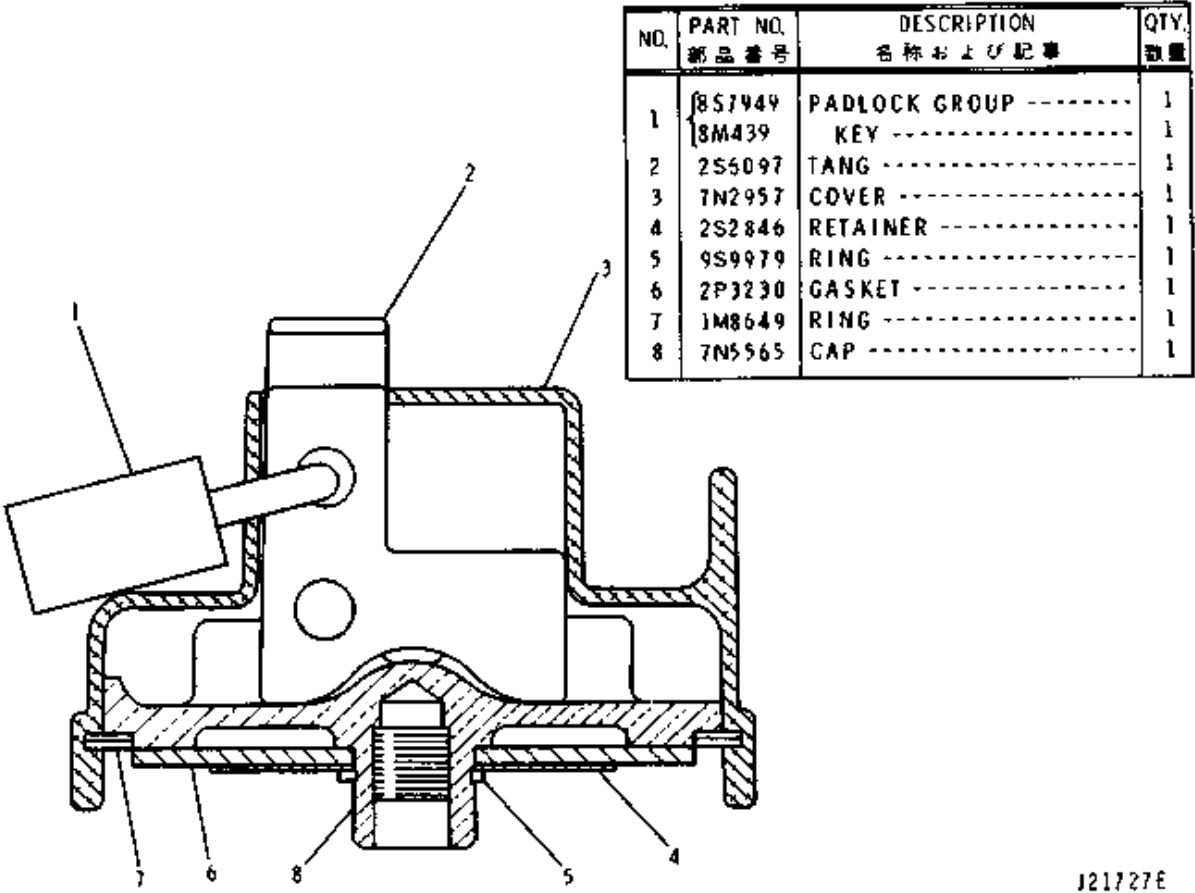
Ref.	Part number	Description	Qty	Code	Group page
36	5P-1262	HOSE 13cm		H	
37	7S-7809	CAP ASSEM.	1		
38	2S-2846	RETAINER	1		
39	9S-9979	RING	1		
40	2P-3230	GASKET	1		
41	7S-7807	INSERT	1		
42	1D-4716	NUT	12		
	5P-4116	WASHER	12		
	9L-9813	RETAINER	12		
43	1W-6822	STRIP	1		

CAT codes: H.

2S-6096 COVER GP-PROTECTION

2S6096 RADIATOR PROTECTION COVER GROUP Part of 8G1427 and 8G1428 Vandalism Arrangements listed on Page 254 AN ATTACHMENT

Drawing 1 of 1



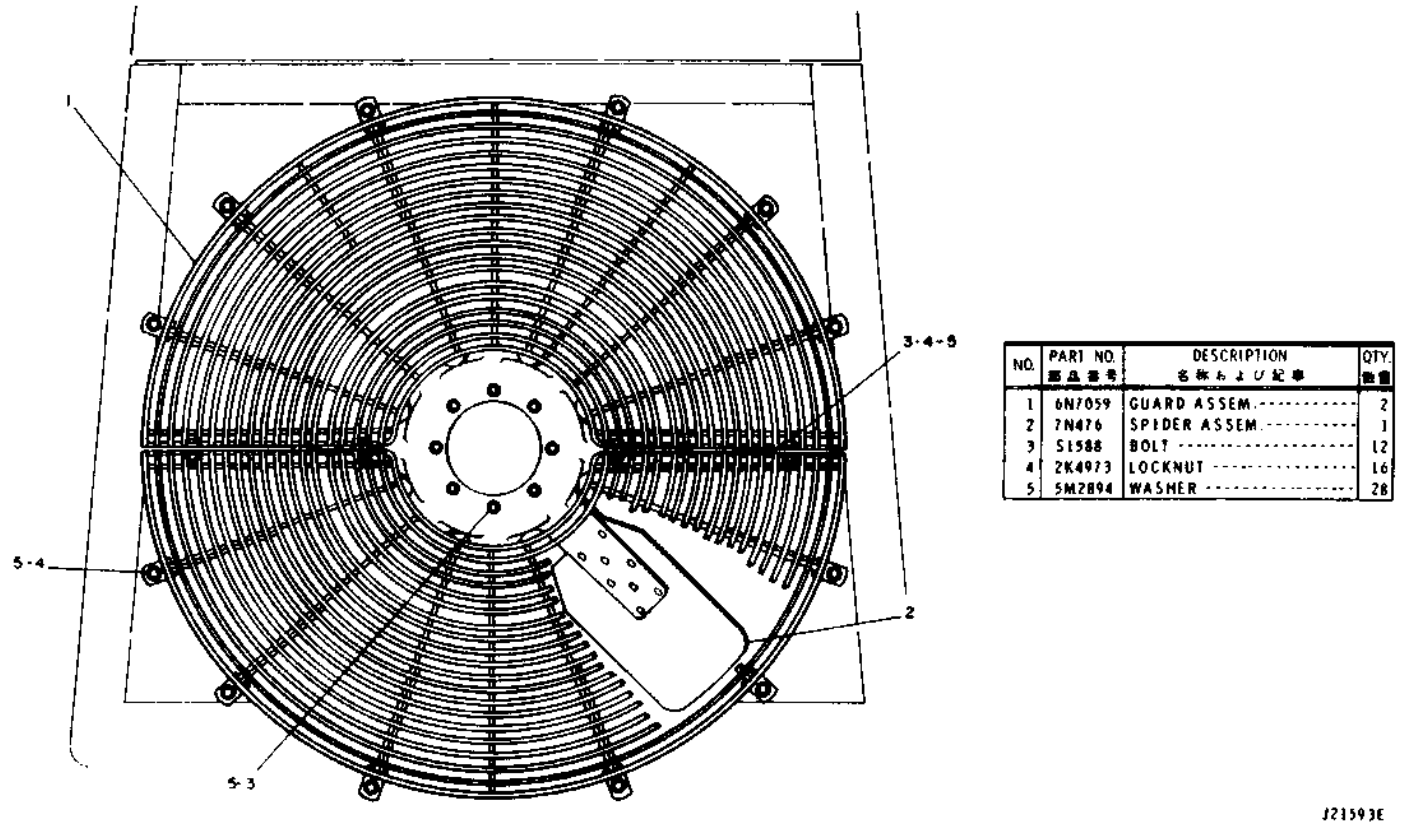
J21727E

Ref.	Part number	Description	Qty	Code	Group page
1	8S-7949	PADLOCK GROUP	1		
	8M-0439	KEY	1		
2	2S-6097	TANG	1		
3	7N-2957	COVER	1		
4	2S-2846	RETAINER	1		
5	9S-9979	RING	1		
6	2P-3230	GASKET	1		
7	1M-8649	RING	1		
8	7N-5565	CAP	1		

6N-6724 FAN GP-BLOWER

BLOWER FAN (6N6724 N/S) Effective with Serial No. 29S1-UP & 48Z1-UP

Drawing 1 of 1

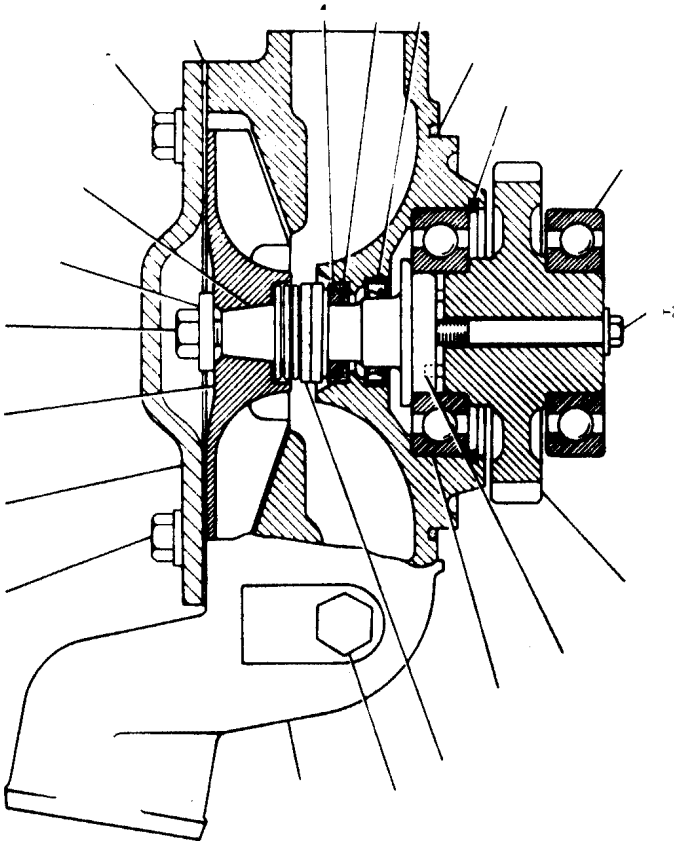


Ref.	Part number	Description	Qty	Code	Group page
1	6N-7059	GUARD ASSEM.	2		
2	7N-0476	SPIDER ASSEM.	1		
3	0S-1588	BOLT	12		
4	2K-4973	LOCKNUT	16		
5	5M-2894	WASHER	28		

1W-3060 PUMP GP-WATER

1W3060 WATER PUMP GROUP Effective with Serial No. 9Z1 - UP

Drawing 1 of 1



● Not Part of 1W3060 Water Pump
 C Indicates Change

NO.	PART NO. 部品番号	DESCRIPTION 名称および記事	QTY. 数量
1	L1351	BOLT (22mm Long) -----	2
▲ 2	5M2894	WASHER -----	3
C 3	8N5928	GASKET -----	1
4	8S7762	RING -----	1
5	8S8821	SEAL -----	1
C 6	6V3988	SEAL -----	1
● 7	5F3106	SEAL -----	1
▲ 8	1K6985	RING -----	1
▲ 9	8H9789	BEARING -----	1
▲ 10	S1619	BOLT -----	1
11	2P660	GEAR ASSEM. (40 Teeth) ---	1
12	2L5893	PIN -----	2
▲ 13	6H3957	BEARING -----	1
14	4N6556	SEAL ASSEM. -----	1
15	5M6213	PLUG -----	1
C 16	1W4619	HOUSING -----	1
● 17	T55	BOLT (108mm Long) -----	2
● 18	5M2894	WASHER -----	2
C 19	8N5929	COVER -----	1
▲ 19	7N5910	IMPELLER -----	1
▲ 20	4L6454	BOLT -----	1
▲ 21	9M6527	WASHER -----	1
▲ 22	7N5899	SHAFT -----	1

The Following Repair Kit is Available:
 7N9955 REBUILD KIT ----- 1
 (Consists of Parts Marked ▲)

J21375E

Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (22mm Long)	2		
2	5M-2894	WASHER	3	H	
3	8N-5928	GASKET	1	C	
4	8S-7762	RING	1		
5	8S-8821	SEAL	1		
6	6V-3988	SEAL	1	C	
7	5F-3106	SEAL	1	J	
8	1K-6985	RING	1	H	
9	8H-9789	BEARING	1	H	
10	0S-1619	BOLT	1	H	
11	2P-0660	GEAR ASSEM. (40 Teeth)	1		
12	2L-5893	PIN	2		
13	6H-3957	BEARING	1	H	
14	4N-6556	SEAL ASSEM.	1		
15	5M-6213	PLUG	1		
16	1W-4619	HOUSING	1	C	

1W-3060 PUMP GP-WATER (continued)

Ref.	Part number	Description	Qty	Code	Group page
17	0T-0055	BOLT (108mm Long)	2	J	
	5M-2894	WASHER	2	J	
18	8N-5929	COVER	1	C	
19	7N-5910	IMPELLER	1	H	
20	4L-6454	BOLT	1	H	
21	9M-6527	WASHER	1	H	
22	7N-5899	SHAFT	1	H	
The Following Repair Kit is Available:					
	7N-9955	REBUILD KIT	1		
(Consists of Parts Marked H)					

CAT codes: C, J.

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