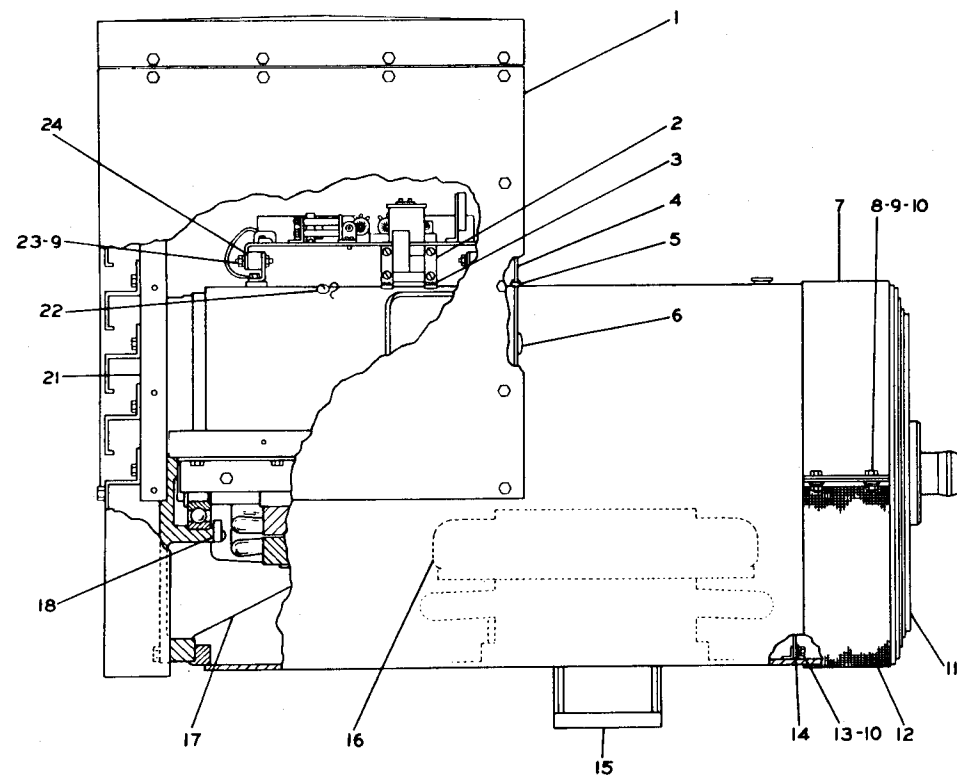


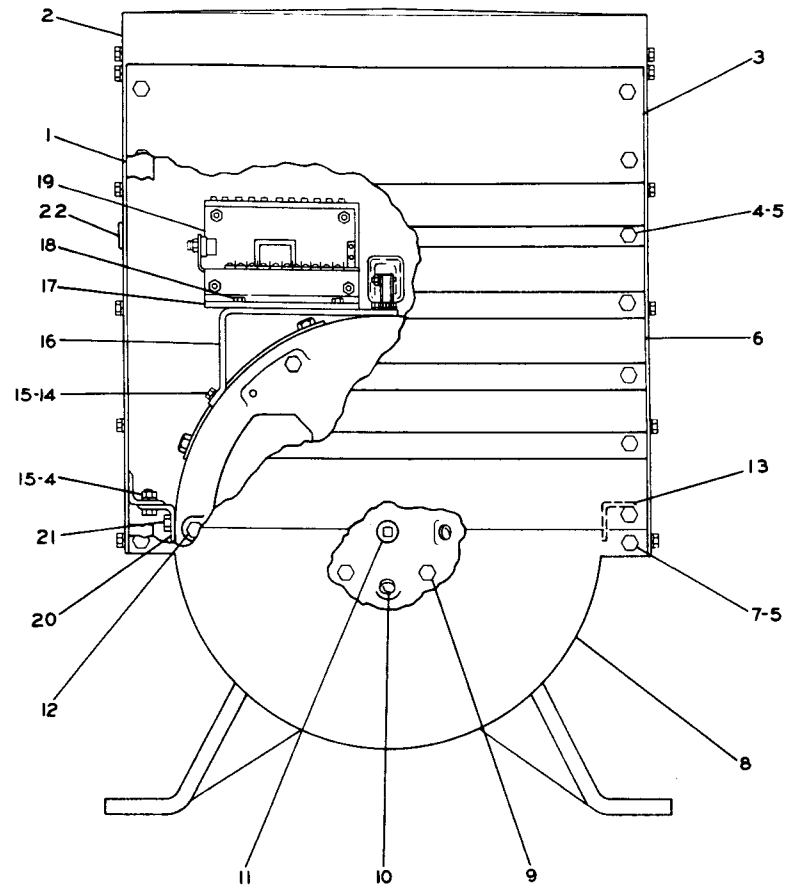


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4406	PANEL------(R. H.)-----	1
1	3N4407	PANEL------(L. H.)-----	1
2	3N1964	TRANSFORMER ASSEM.-----	1
3	7S4346	SCREW-----	4
3	9F5599	LOCKWASHER-----	4
4	1N7221	PANEL-----	1
5	1N7219	CHANNEL-----	1
6	5H4871	PLUG-----	1
7	2L5816	COVER-----	1
8	4B1259	SCREW-----	4
8	3B4504	LOCKWASHER-----	4
9	1B4330	NUT-----	12
10	4B4276	WASHER-----	10
11	6L3498	FAN-----	1
12	2L5815	SCREEN-----	1
13	2A762	BOLT-----	6
13	7F9223	LOCKWASHER-----	6
14	8L8419	DEFLECTOR-----	1
14	3N6407	STATOR ASSEM.-----	1
15		(Includes)	
15	6L6648	CHANNEL-----	1
16	3N9109	ROTOR ASSEM.-----	1
16		(Separate Illustration)	
17	3N6024	BRACKET ASSEM.-----	1
18	3N1963	RETAINER-----	2
21	3N4403	FRAME ASSEM.------(R. H.)-----	1
21	6L7008	CLAMP-----	2
22	4B1240	SCREW-----	1
22	4L1250	NUT-----	1
23	1H3244	LOCKWASHER-----	8
24	3N1968	SHOCKMOUNT-----	4

THE FOLLOWING REPAIR KITS ARE AVAILABLE:
 3N2134 KIT------(stator rewind)----- 1
 6L6669 KIT------(rotor balance weight)----- 1

C INDICATES CHANGE A100 J. SWANK

5N15 GENERATOR—3 Phase—Side View
 Generator Serial No. 44BH600—Up
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N9109 Rotor parts are shown on Page 264A



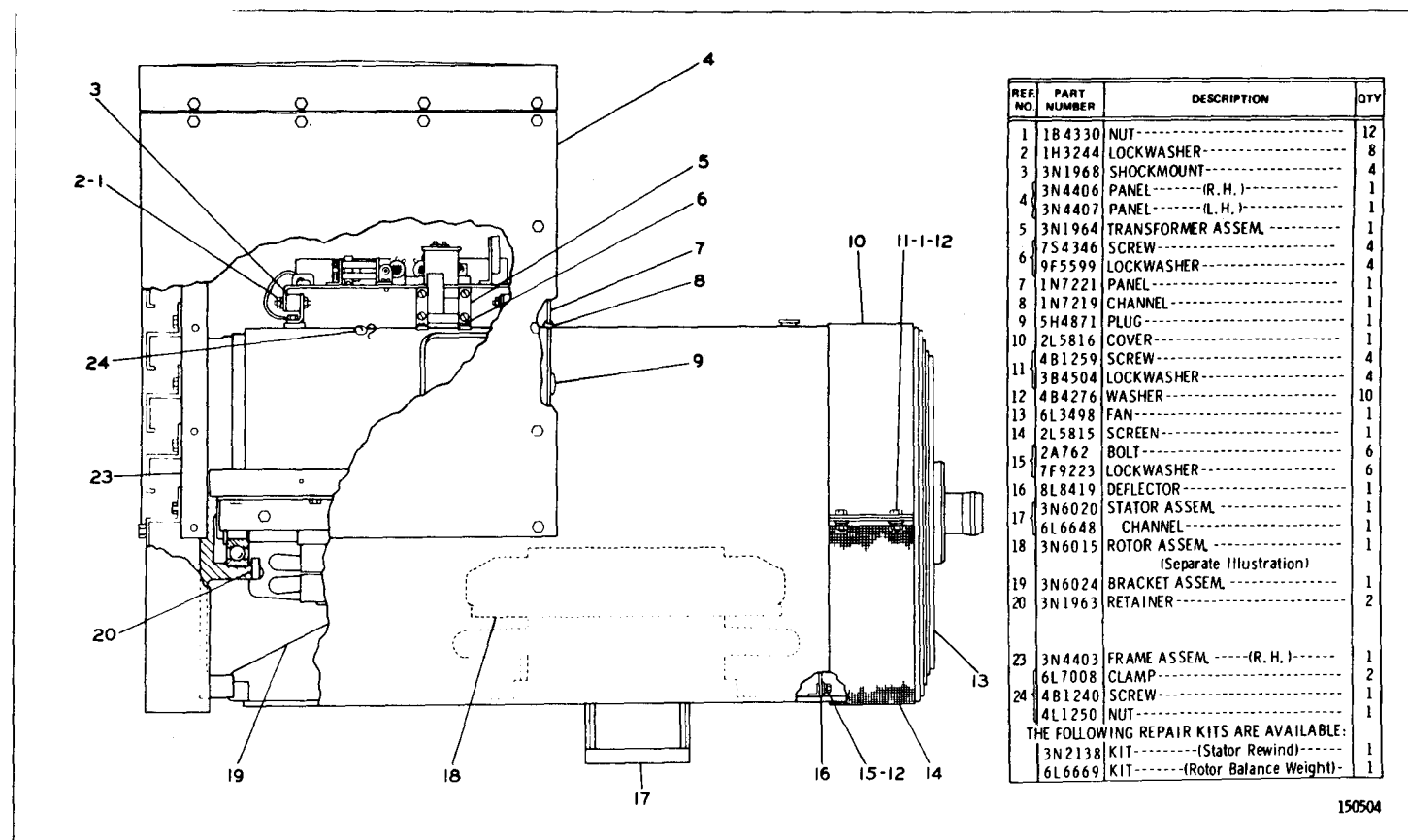
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4404	FRAME ASSEM. ----(L. H.)----	1
2	3N4405	COVER-----	1
3	1N7225	PANEL-----	1
4	1C569	BOLT-----	66
5	3F9556	LOCKWASHER-----	60
6	1N7224	LOUVER-----	4
7	1D4539	BOLT-----	2
8	1N7222	COVER ASSEM.-----	1
9	T65	BOLT-----	4
	3B4506	LOCKWASHER-----	4
10	2B4602	PLUG-----	2
11	1B5174	PLUG-----	1
12	1A5822	BOLT-----	6
	3B4508	LOCKWASHER-----	6
13	3N4409	BRACKET-----(R. H.)----	1
14	S1617	BOLT-----	4

15	1H7186	LOCKWASHER-----	12
16	3N1966	BRACKET-----	2
17	3N1967	BRACKET-----	2
18	2A762	BOLT-----	4
	7F9223	LOCKWASHER-----	4
19	3N7748	REGULATOR ASSEM.----- (Separate Illustration)	1
20	3N4408	BRACKET-----(L. H.)----	1
21	3N1645	SCREW-----	8
22	3N4809	PLUG-----	4
	3N7754	WIRING DIAGRAM-----	1
▲	6L6523	LABEL-----(Instruction)----	1

▲ NOT SHOWN

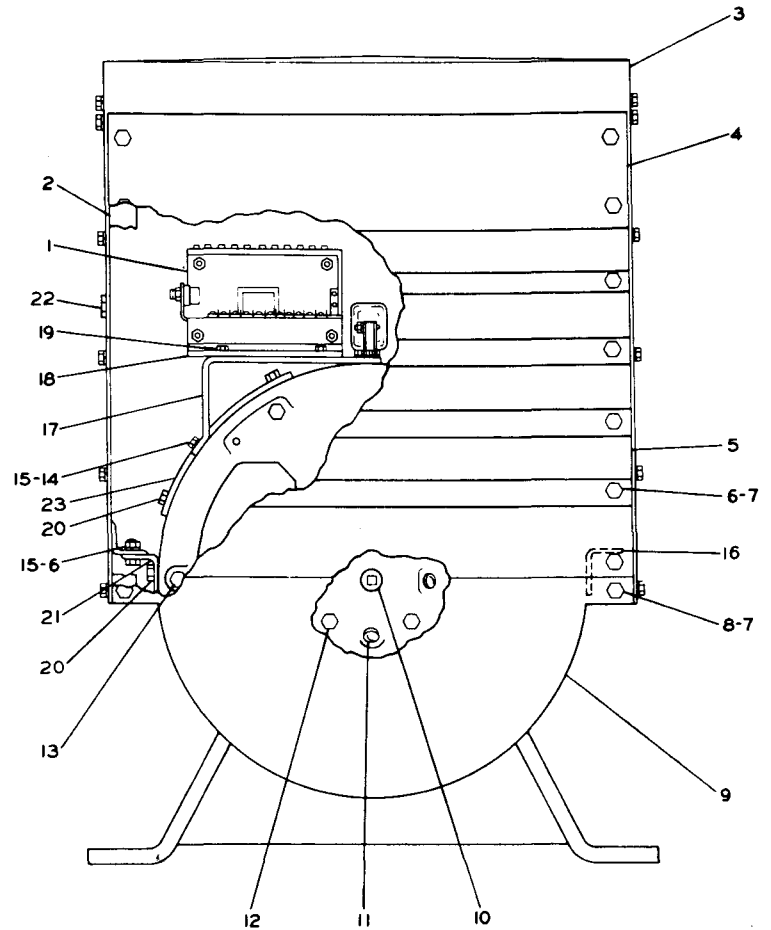
A116 J. SWANK

5N15 GENERATOR—3 Phase—End View
 Generator Serial No. 44BH600—Up
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt,
 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



150504

5N19 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 135BG300 to 135BG499 inclusive. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M. 3N6015 Rotor parts are shown on Page 266



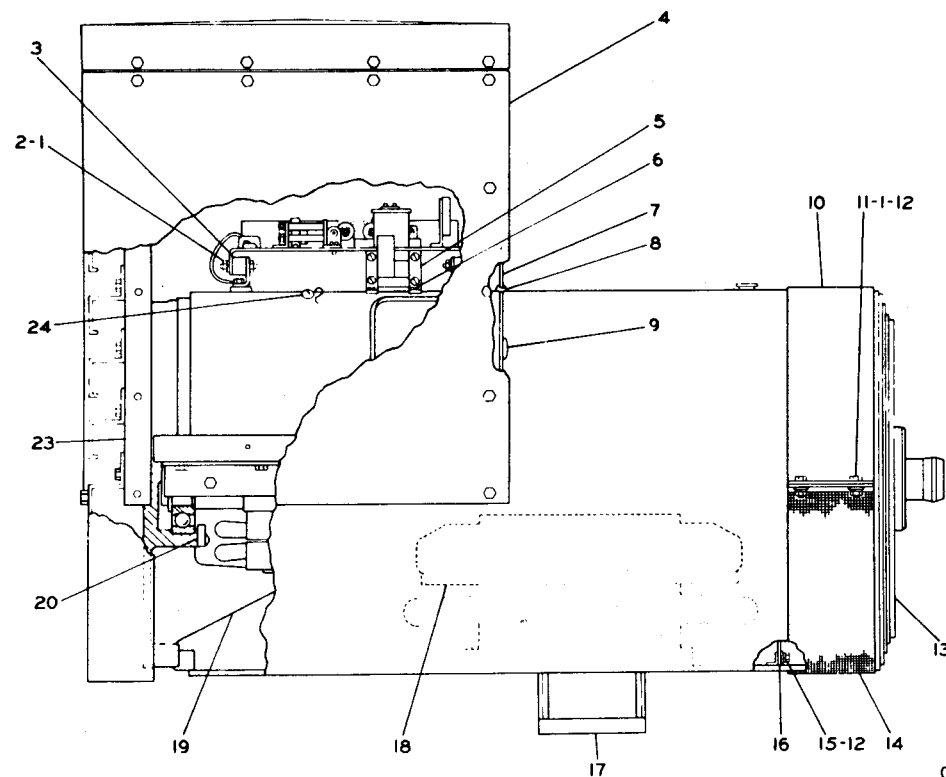
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM.----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. ----- (L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
6	1C569	BOLT-----	66
7	3F9556	LOCKWASHER-----	60
8	1D4539	BOLT-----	2
9	1N7222	COVER ASSEM.-----	1
10	1B5174	PLUG-----	1
11	2B4602	PLUG-----	2
12	165	BOLT-----	4
	3B4506	LOCKWASHER-----	4

13	1A5822	BOLT-----	6
	3B4508	LOCKWASHER-----	6
14	51617	BOLT-----	4
15	1H7186	LOCKWASHER-----	12
16	3N4409	BRACKET----- (R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
19	2A762	BOLT-----	4
	7F9223	LOCKWASHER-----	4
C 20	3N1645	SCREW-----	10
21	3N4408	BRACKET----- (L. H.)-----	1
C 22	3N4809	PLUG-----	4
C 23	3N7753	COVER-----	1
	3N7754	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (Instruction)-----	1

C INDICATES CHANGE

150505

5N19 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 135BG300 to 135BG499 inclusive. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262

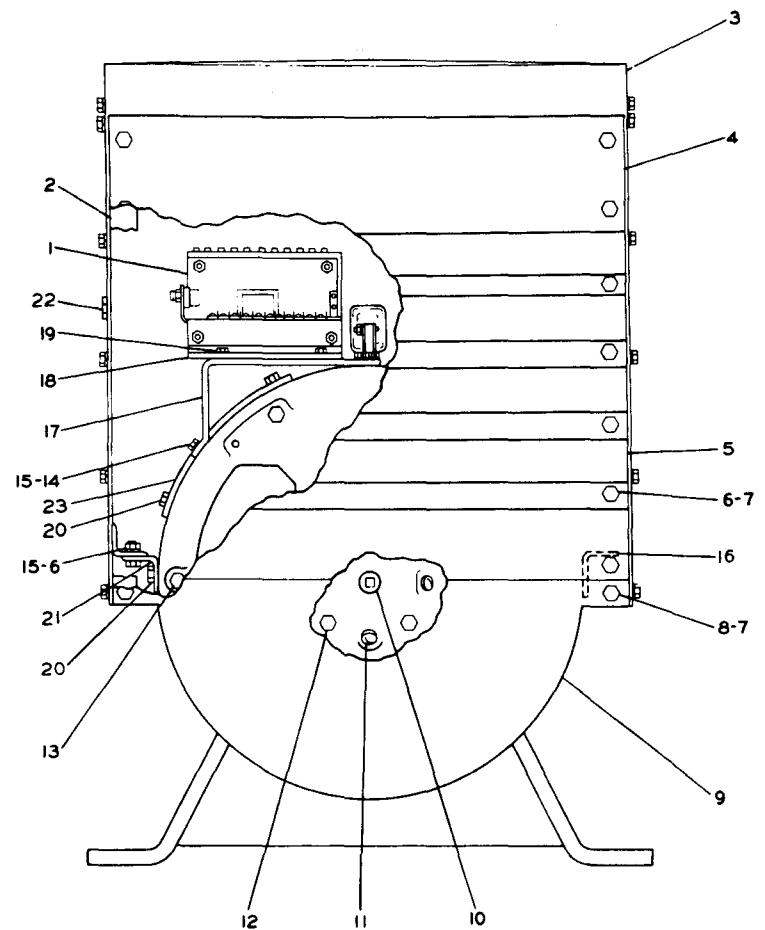


REF NO	PART NUMBER	DESCRIPTION	QTY
1	1B4330	NUT-----	12
2	1H3244	LOCKWASHER-----	8
3	3N1968	SHOCKMOUNT-----	4
4	3N4406	PANEL----- (R. H.)-----	1
5	3N4407	PANEL----- (L. H.)-----	1
6	3N1964	TRANSFORMER ASSEM.-----	1
7	7S4346	SCREW-----	4
8	9F5599	LOCKWASHER-----	4
9	1N7221	PANEL-----	1
10	1N7219	CHANNEL-----	1
11	5H4871	PLUG-----	1
12	2L5816	COVER-----	1
13	4B1259	SCREW-----	4
14	3B4504	LOCKWASHER-----	4
15	4B4276	WASHER-----	10
16	6L3498	FAN-----	1
17	2L5815	SCREEN-----	1
18	2A762	BOLT-----	6
19	7F9223	LOCKWASHER-----	6
20	8L8419	DEFLECTOR-----	1
21	3N8780	STATOR ASSEM.-----	1
22	6L6648	CHANNEL-----	1
23	3N6015	ROTOR ASSEM.-----	1
24	(Separate Illustration)		
25	3N6024	BRACKET ASSEM.-----	1
26	3N1963	RETAINER-----	2
27	3N4403	FRAME ASSEM.----- (R. H.)-----	1
28	6L7008	CLAMP-----	2
29	4B1240	SCREW-----	1
30	4L1250	NUT-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
31	3N8781	KIT----- (Stator Rewind)-----	1
32	6L6669	KIT----- (Rotor Balance Weight)-----	1

C INDICATES CHANGE

155223

5N19 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 45BG500 to 45BG599 inclusive
 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M.
 3N6015 Rotor parts are shown on Page 266

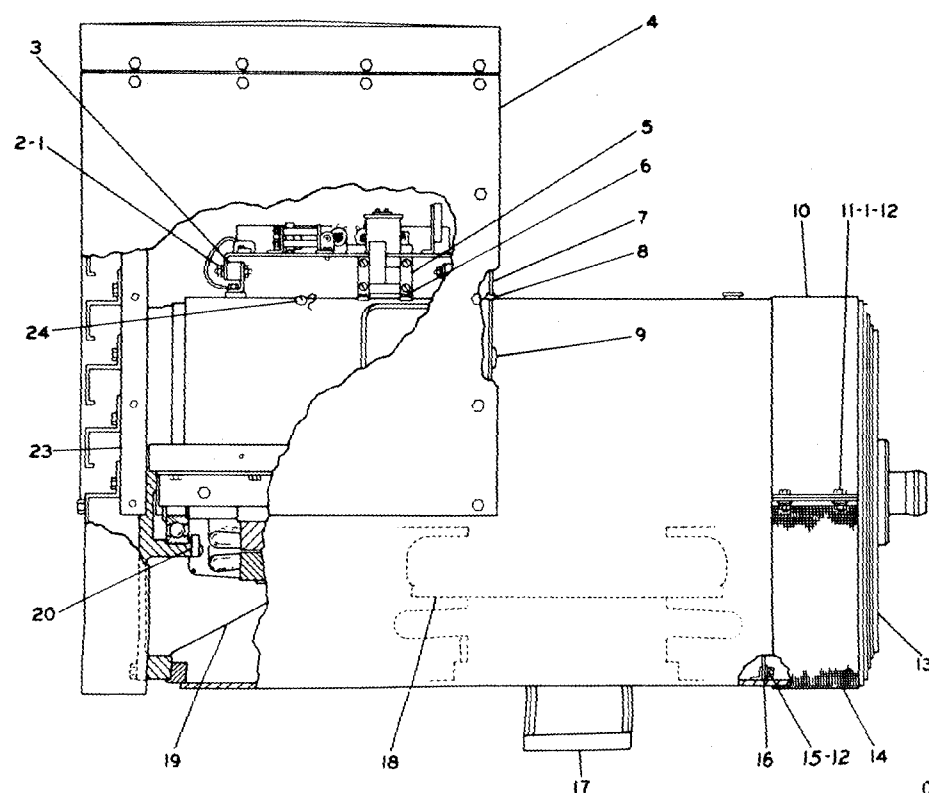


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. (Separate Illustration)	1
2	3N4404	FRAME ASSEM. (L. H.)	1
3	3N4405	COVER	1
4	1N7225	PANEL	1
5	1N7224	LOUVER	4
6	1C569	BOLT	66
7	3F9556	LOCKWASHER	60
8	1D4539	BOLT	2
9	1N7222	COVER ASSEM.	1
10	1B5174	PLUG	1
11	2B4602	PLUG	2
12	165	BOLT	4
13	3B4506	LOCKWASHER	4

13	1A5822	BOLT	6
14	3B4508	LOCKWASHER	6
15	51617	BOLT	4
16	1H7186	LOCKWASHER	12
17	3N4409	BRACKET (R. H.)	1
18	3N1966	BRACKET	2
19	3N1967	BRACKET	2
20	2A762	BOLT	4
21	7F9223	LOCKWASHER	4
22	3N1645	SCREW	10
23	3N4408	BRACKET (L. H.)	1
	3N4809	PLUG	4
	3N7753	COVER	1
	3N7754	WIRING DIAGRAM	1
	6L6523	LABEL (Instruction)	1

155224

5N19 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 45BG500 to 45BG599 inclusive. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



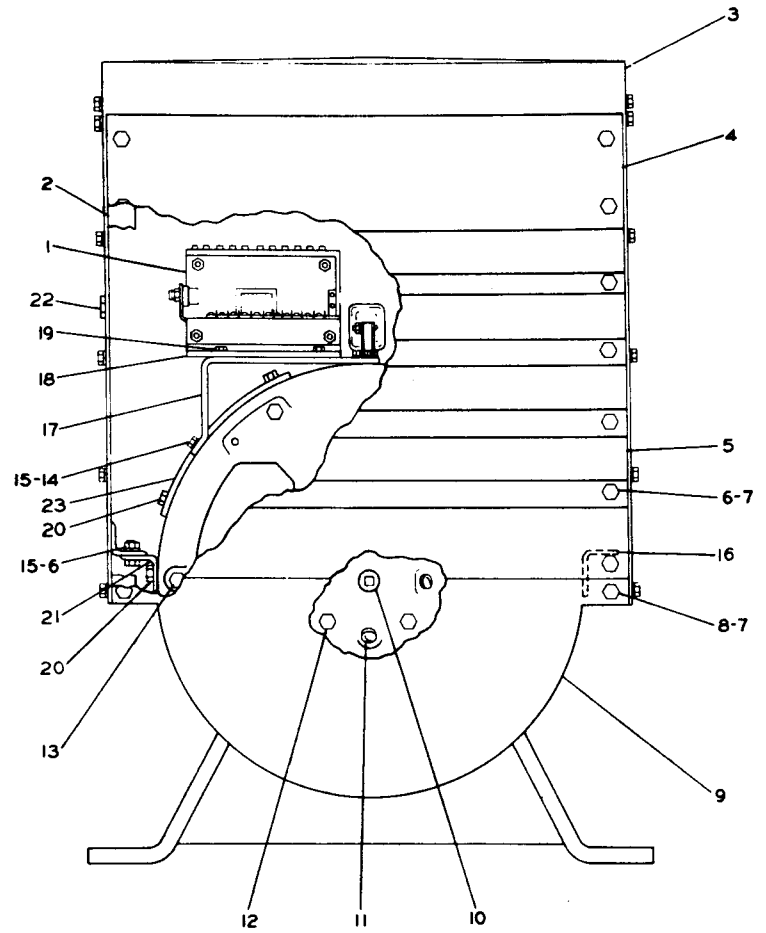
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B4330	NUT-----	12
2	1H3244	LOCKWASHER-----	8
3	3N1968	SHOCKMOUNT-----	4
4	3N4406	PANEL----- (R. H.)	1
4	3N4407	PANEL----- (L. H.)	1
5	3N1964	TRANSFORMER ASSEM.-----	1
6	7S4346	SCREW-----	4
6	9F5599	LOCKWASHER-----	4
7	1N7221	PANEL-----	1
8	1N7219	CHANNEL-----	1
9	5H4871	PLUG-----	1
10	2L5816	COVER-----	1
11	4B1259	SCREW-----	4
11	3B4504	LOCKWASHER-----	4
12	4B4276	WASHER-----	10
13	6L3498	FAN-----	1
14	2L5815	SCREEN-----	1
15	2A762	BOLT-----	6
15	7F9223	LOCKWASHER-----	6
16	8L8419	DEFLECTOR-----	1
17	3N8780	STATOR ASSEM.-----	1
17	6L6648	CHANNEL-----	1
18	3N9110	ROTOR ASSEM.----- (Separate Illustration)	1
19	3N6024	BRACKET ASSEM.-----	1
20	3N1963	RETAINER-----	2
23	3N4403	FRAME ASSEM.----- (R. H.)	1
24	6L7008	CLAMP-----	2
24	4B1240	SCREW-----	1
24	4L1250	NUT-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N8781	KIT----- (Stator Rewind)	1
	6L6669	KIT----- (Rotor Balance Weight)	1

C INDICATES CHANGE

A95 J. SWANK

5N19 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 45BG600—Up
 Parts at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M.
 Parts are shown on Page 266A

CATERPILLAR 3306 INDUCTOR

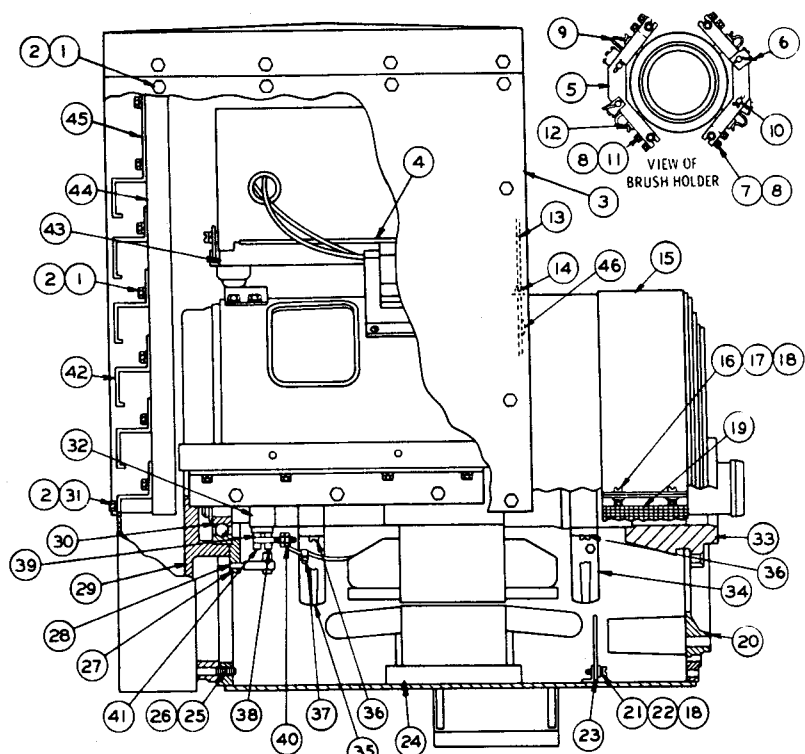


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. ----- (L. H.) -----	1
3	3N4405	COVER -----	1
4	1N7225	PANEL -----	1
5	1N7224	LOUVER -----	4
6	1C569	BOLT -----	66
7	3F9556	LOCKWASHER -----	60
8	1D4539	BOLT -----	2
9	1N7222	COVER ASSEM. -----	1
10	1B5174	PLUG -----	1
11	2B4602	PLUG -----	2
12	165	BOLT -----	4
	3B4506	LOCKWASHER -----	4

13	1A5822	BOLT -----	6
	3B4508	LOCKWASHER -----	6
14	S1617	BOLT -----	4
15	1H7186	LOCKWASHER -----	12
16	3N4409	BRACKET ----- (R. H.) -----	1
17	3N1966	BRACKET -----	2
18	3N1967	BRACKET -----	2
19	2A762	BOLT -----	4
	7F9223	LOCKWASHER -----	4
20	3N1645	SCREW -----	10
21	3N4408	BRACKET ----- (L. H.) -----	1
22	3N4809	PLUG -----	4
23	3N7753	COVER -----	1
	3N7754	WIRING DIAGRAM -----	1
	6L6523	LABEL ----- (Instruction) -----	1

155224

5N19 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 45BG600—Up. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600
 Volt, 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



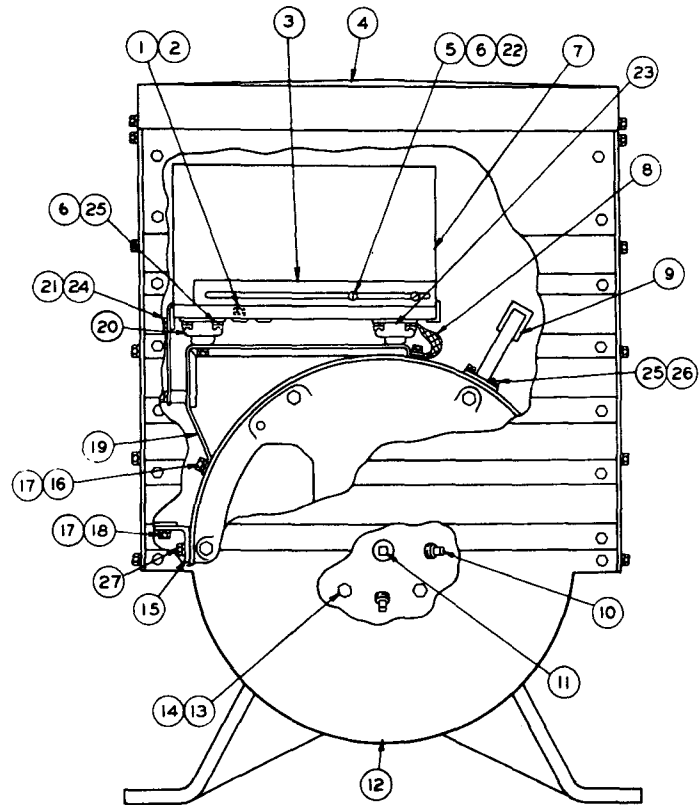
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1C569	BOLT-----	58
2	3F956	LOCKWASHER-----	60
3	1N723	PANEL----- (Side)-----	2
4	8L860	CHANNEL-----	1
5	2L559	HOLDER ASSEM.-----	2
6	2L559	HOLDER-----	2
7	2L485	ARM-----	4
8	51615	BOLT-----, 75 in. (1.91 cm) long-----	4
9	38450	LOCKWASHER-----	8
10	2L207	SPRING-----	4
11	2L207	PIN-----	4
12	38460	COTTER PIN-----	4
13	2L207	WASHER-----	8
14	51614	BOLT-----5 in. (1.27 cm) long-----	4
15	5L705	BRUSH----- (One-half each in 2L559 Assem.)-----	4
16	1N722	PANEL----- (Front)-----	1
17	1N721	CHANNEL-----	1
18	2L581	COVER-----	1
19	48125	SCREW-----	4
20	18433	NUT-----	4
21	38450	LOCKWASHER-----	4
22	48427	WASHER-----	10
23	2L581	SCREEN-----	1
24	6L349	FAN-----	1
25	2A762	BOLT-----	6
26	7F923	LOCKWASHER-----	6
27	8L841	DEFLECTOR-----	1
28	3N611	STATOR ASSEM.-----	1
29	6L664	CHANNEL----- (Part of 3N611 Assem.)-----	1

25	1A582	BOLT-----	6
26	38450	LOCKWASHER-----	6
27	2L559	RETAINER AND YOKE ASSEM.-----	1
28	2L484	TUBE----- (Long)-----	2
29	2L559	TUBE----- (Short)-----	2
30	6L830	BRACKET----- (Parts of 2L559 Assem.)-----	1
31	2L556	BEARING-----	1
32	6S175	RING-----	1
33	10453	BOLT-----	2
34	3N611	ROTOR ASSEM.-----	1
35	3L963	HUB-----	1
36	2N760	FAN ASSEM.-----	1
37	2N760	FAN ASSEM.-----	1
38	2N728	SCREW----- (1 in each 2N760 & 2N760 Assem.)-----	2
39	6L700	CLAMP-----	2
40	3H362	SCREW-----	2
41	98723	LOCKWASHER-----	2
42	2L582	RING ASSEM.----- (Inner)-----	1
43	2L582	RING ASSEM.----- (Outer)----- (Parts of 3N611 Assem.)-----	1
44	2L484	NUT----- (2 in 2L582 & 2L582 Assem.)-----	4
45	2L484	TUBE----- (Part of 2L582 Assem.)-----	1
46	1N722	LOUVER-----	4
47	8L982	SUPPORT ASSEM.-----	1
48	1N721	FRAME ASSEM.----- (R. H. I.)-----	1
49	1N721	FRAME ASSEM.----- (L. H. I.)-----	1
50	1N722	PANEL----- (meter)-----	1
51	5H487	PLUG-----	1
52	FM0552	FORM----- (Installation Instructions for Fan Assem.)-----	1

C INDICATES CHANGE

204487

8L57 GENERATOR ASSEMBLY—3 Phase—Side View
Generator Serial No. 155TH2500—Up
200-400 Volt, 50 hertz at 1500 R.P.M.



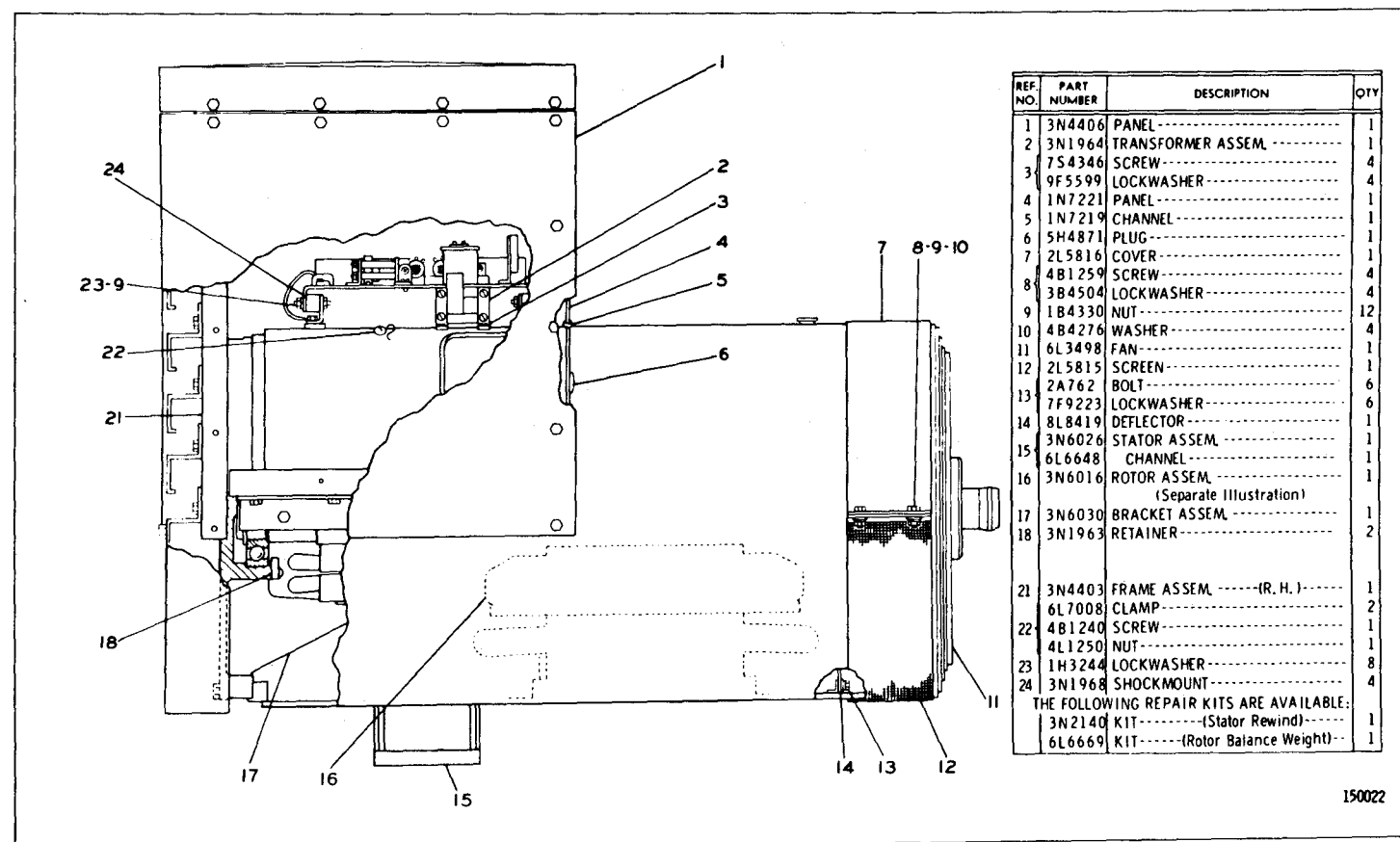
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8F5758	SCREW-----	4
2	1H3244	LOCKWASHER-----	4
3	8L9823	GUIDE-----	2
4	1N7220	COVER-----	1
C 5	9F9327	SCREW-----	4
6	8F1434	LOCKWASHER-----	20
7	2N7052	EXCITER & REGULATOR ASSEM. --- (See Separate Illustration)	1
8	8L5476	STRAP-----	1
9	6L7009	DROOP TRANSFORMER ASSEM. ---	1
10	2B4602	PLUG-----	2
11	1B5174	PLUG-----	1
12	1N7222	COVER ASSEM.-----	1
13	1L1352	BOLT-----	4
14	3B4506	LOCKWASHER-----	4
15	1N7214	BRACKET-----	2

C 16	51617	BOLT-----	8
C 17	1H7186	LOCKWASHER-----	16
C 18	1C569	BOLT-----	8
19	1N7230	BRACKET-----	2
20	7L893	SHOCK MOUNT-----	1
21	7F9223	LOCKWASHER-----	6
22	4B4274	WASHER-----	4
23	8L5477	SHOCK MOUNT-----	3
24	51614	BOLT-----	6
C 25	754346	SCREW-----	20
26	9F5599	LOCKWASHER-----	4
C 27	3N1645	SCREW-----	6
	2N6049	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instruction)-----	1
	7L4664	KIT----- (stator rewind)-----	1
	6L6669	KIT----- (rotor balance weight)-----	1

C INDICATES CHANGE

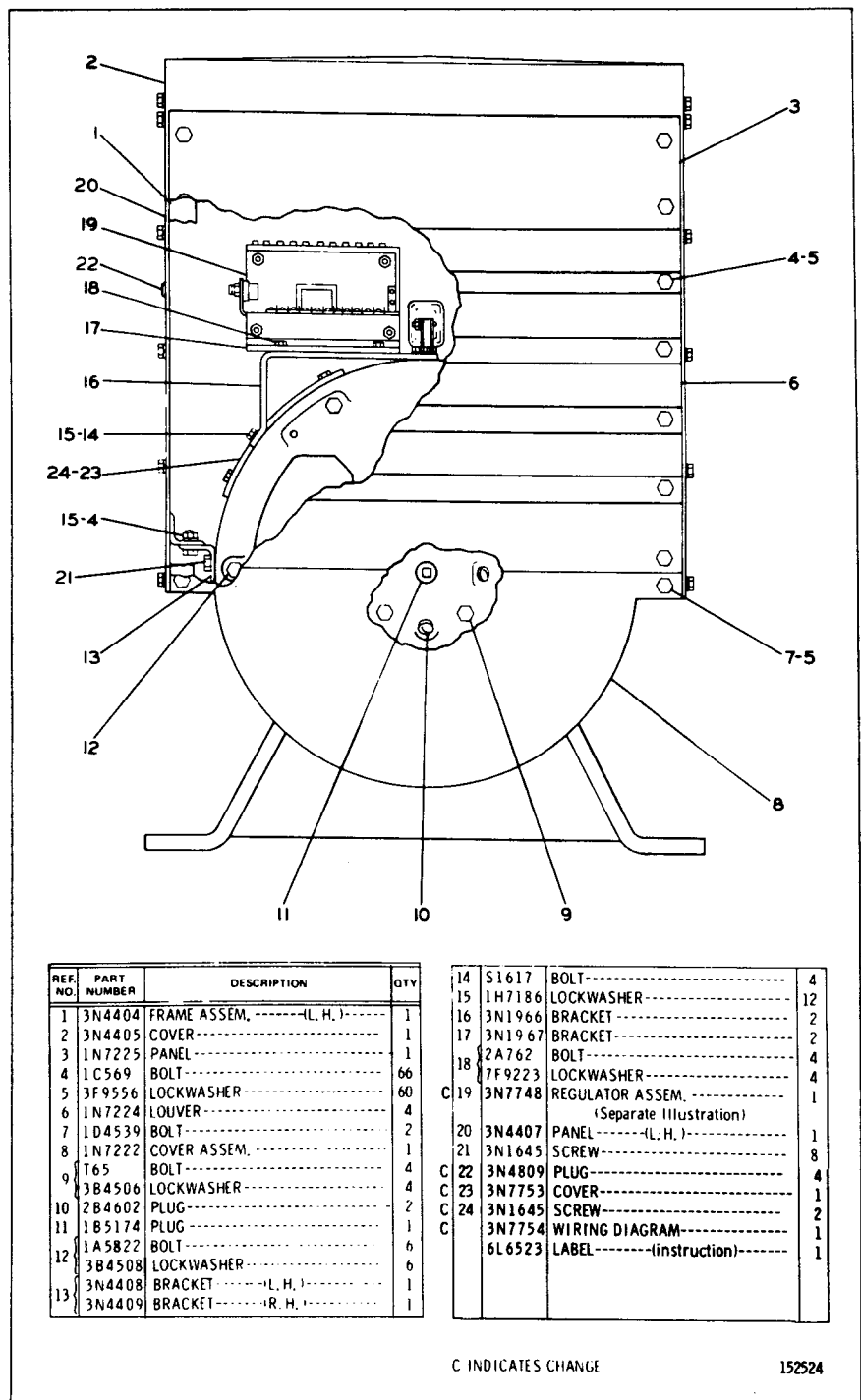
204488

8L57 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 155TH2500—Up. 200-400 Volt, 50 hertz at 1500 R.P.M.
 2N7052 Exciter and Regulator parts are shown on Pages 260 and 261

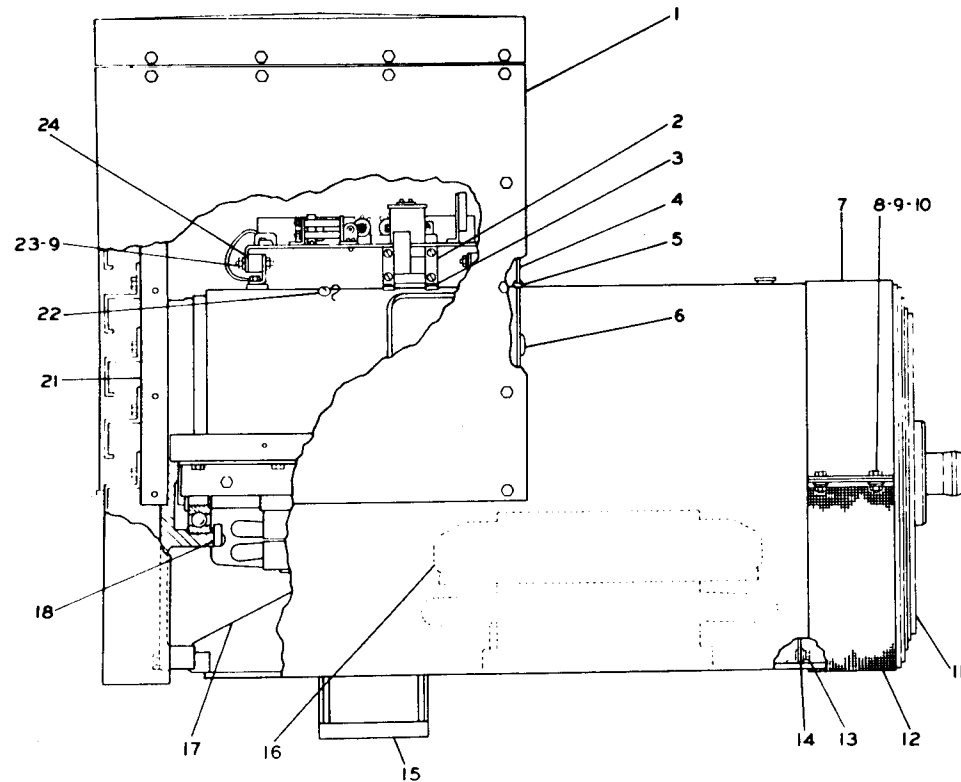


5N21 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 175BH300 to 175BH599 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M. 3N6016 Rotor parts are shown on Page 265

150022



5N21 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 175BH300 to 175BH599 inclusive. 200-400 Volt, 50 hertz at
 1500 R.P.M. 3N7748 Regulator parts are shown on Page 262

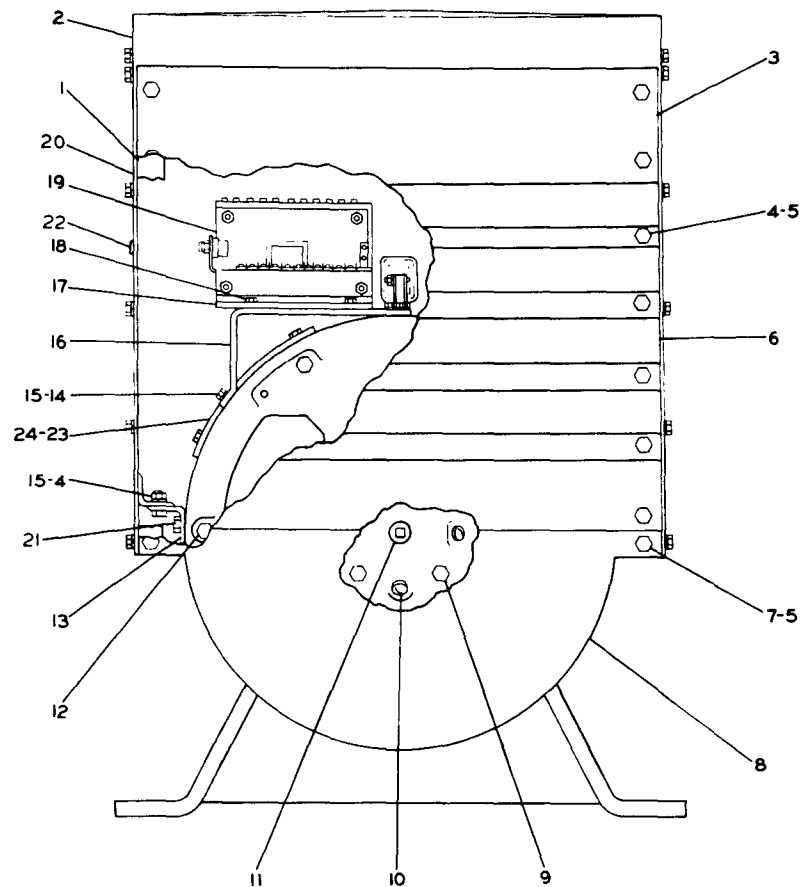


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4406	PANEL	1
2	3N1964	TRANSFORMER ASSEM	1
3	7S4346	SCREW	4
4	9F5599	LOCKWASHER	4
5	1N7221	PANEL	1
6	1N7219	CHANNEL	1
7	5H4871	PLUG	1
8	2L5816	COVER	1
9	4B1259	SCREW	4
10	3B4504	LOCKWASHER	4
11	1B4330	NUT	12
12	4B4276	WASHER	4
13	6L3498	FAN	1
14	2L5815	SCREEN	1
15	2A762	BOLT	6
16	7F9223	LOCKWASHER	6
17	8L8419	DEFLECTOR	1
18	3N6026	STATOR ASSEM	1
19	6L6648	CHANNEL	1
20	3N9112	ROTOR ASSEM (Separate Illustration)	1
21	3N6030	BRACKET ASSEM	1
22	3N1963	RETAINER	2
23	3N4403	FRAME ASSEM. -----(R. H.)----	1
24	6L7008	CLAMP	2
	4B1240	SCREW	1
	4L1250	NUT	1
	1H3244	LOCKWASHER	8
	3N1968	SHOCKMOUNT	4
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N2140	KIT -----(Stator Rewind)----	1
	6L6669	KIT -----(Rotor Balance Weight)----	1

C INDICATES CHANGE

155160

5N21 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 175BH600—Up
 200-400 Volt, 50 hertz at 1500 R.P.M. 3N9112 Rotor parts are shown on Page 265B

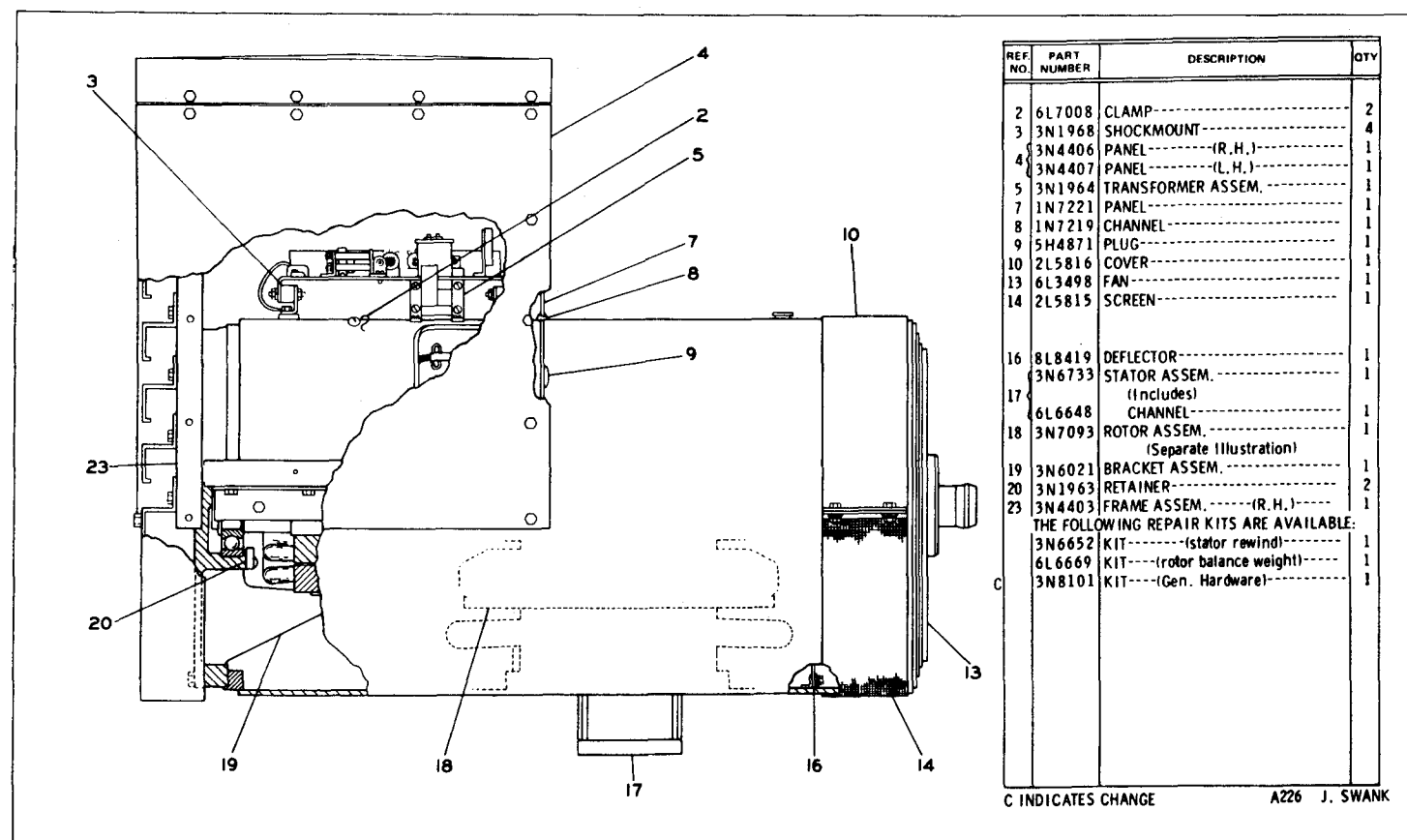


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4404	FRAME ASSEM. -----(L. H.)----	1
2	3N4405	COVER-----	1
3	1N7225	PANEL-----	1
4	1C569	BOLT-----	66
5	3F9556	LOCKWASHER-----	60
6	1N7224	LOUVER-----	4
7	1D4539	BOLT-----	2
8	1N7222	COVER ASSEM. ----	1
9	1T65	BOLT-----	4
10	3B4506	LOCKWASHER-----	4
11	2B4602	PLUG-----	2
12	1B5174	PLUG-----	1
13	1A5822	BOLT-----	6
	3B4508	LOCKWASHER-----	6
	3N4408	BRACKET------(L. H.)----	1
	3N4409	BRACKET------(R. H.)----	1

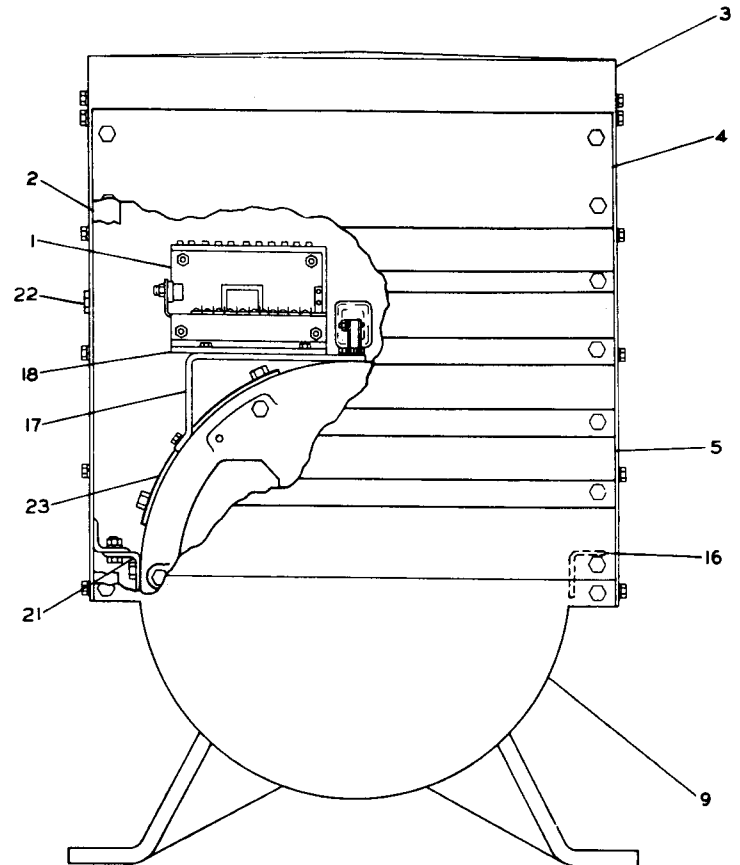
14	S1617	BOLT-----	4
15	1H7186	LOCKWASHER-----	12
16	3N1966	BRACKET-----	2
17	3N1967	BRACKET-----	2
18	2A762	BOLT-----	4
	7F9223	LOCKWASHER-----	4
19	3N7748	REGULATOR ASSEM. ----	1
		(Separate Illustration)	
20	3N4407	PANEL------(L. H.)----	1
21	3N1645	SCREW-----	8
22	3N4809	PLUG-----	4
23	3N7753	COVER-----	1
24	3N1645	SCREW-----	2
	3N7754	WIRING DIAGRAM-----	1
	6L6523	LABEL------(instruction)----	1

155161

5N21 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 175BH600—Up. 200-400 Volt, 50 hertz at 1500 R.P.M.
 3N7748 Regulator parts are shown on Page 262



5N27 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BS300 to 46BS599 inclusive
 208-416 Volt, 60 hertz at 1800 R.P.M. 3N7093 Rotor parts are shown on Page 266B



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7751	REGULATOR ASSEM.----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM.----- (L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

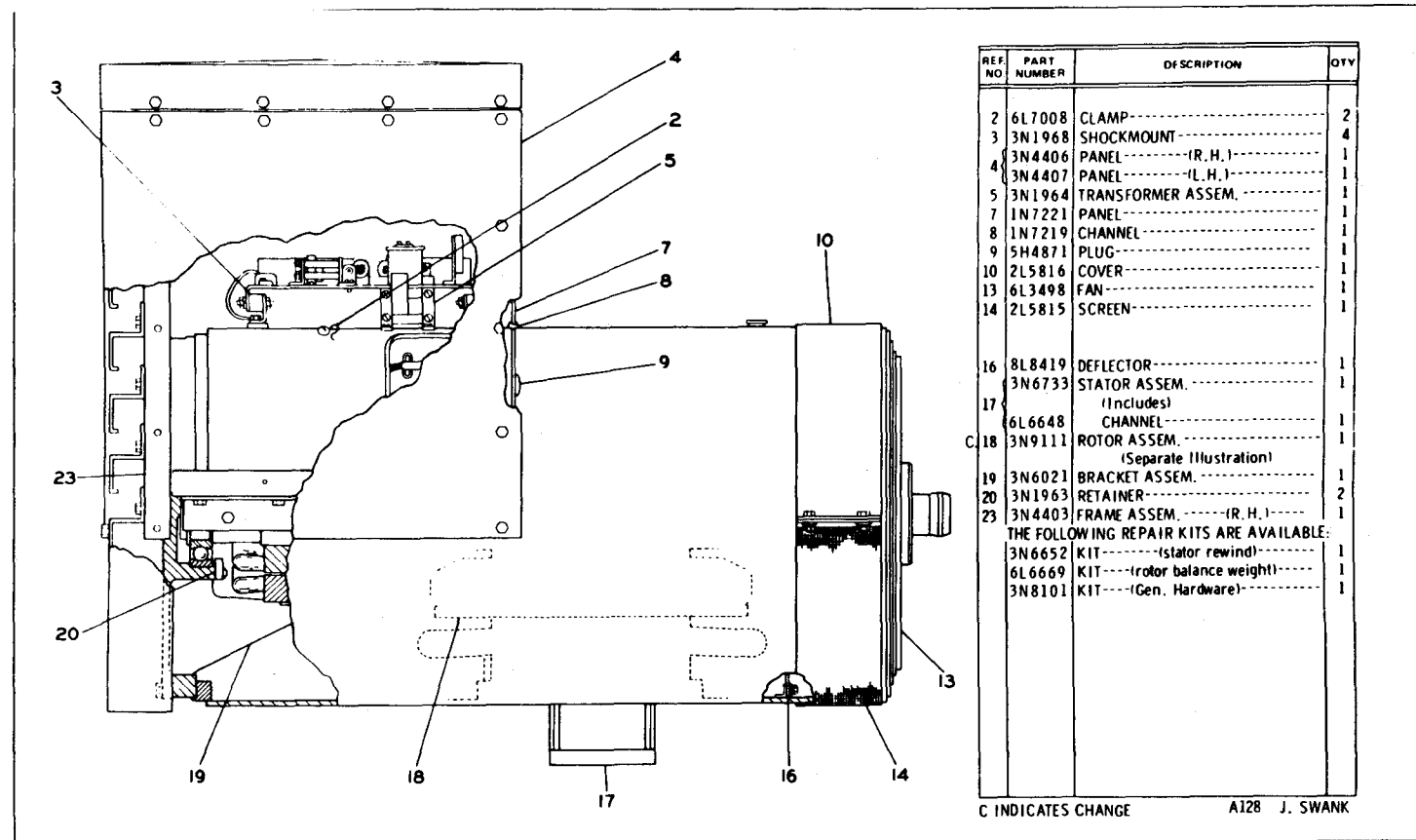
16	3N4409	BRACKET----- (R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
21	3N4408	BRACKET----- (L. H.)-----	1
C 22	3N4809	PLUG-----	4
C 23	3N7753	COVER----- (access)-----	1
C	3N7754	WIRING DIAGRAM-----	1
▲	6L6523	LABEL----- (instruction)-----	1

▲ NOT SHOWN

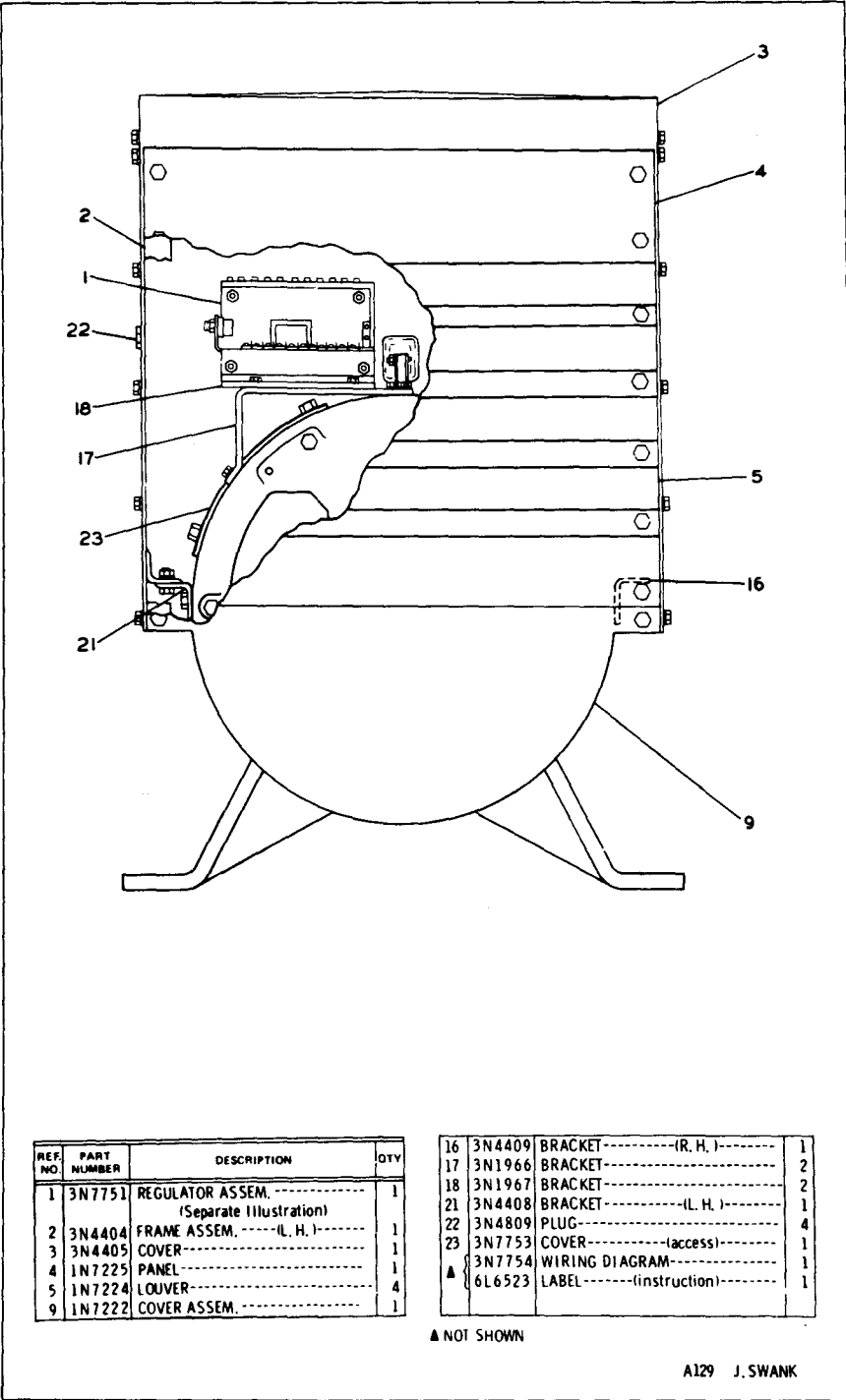
C INDICATES CHANGE

A123 J. SWANK

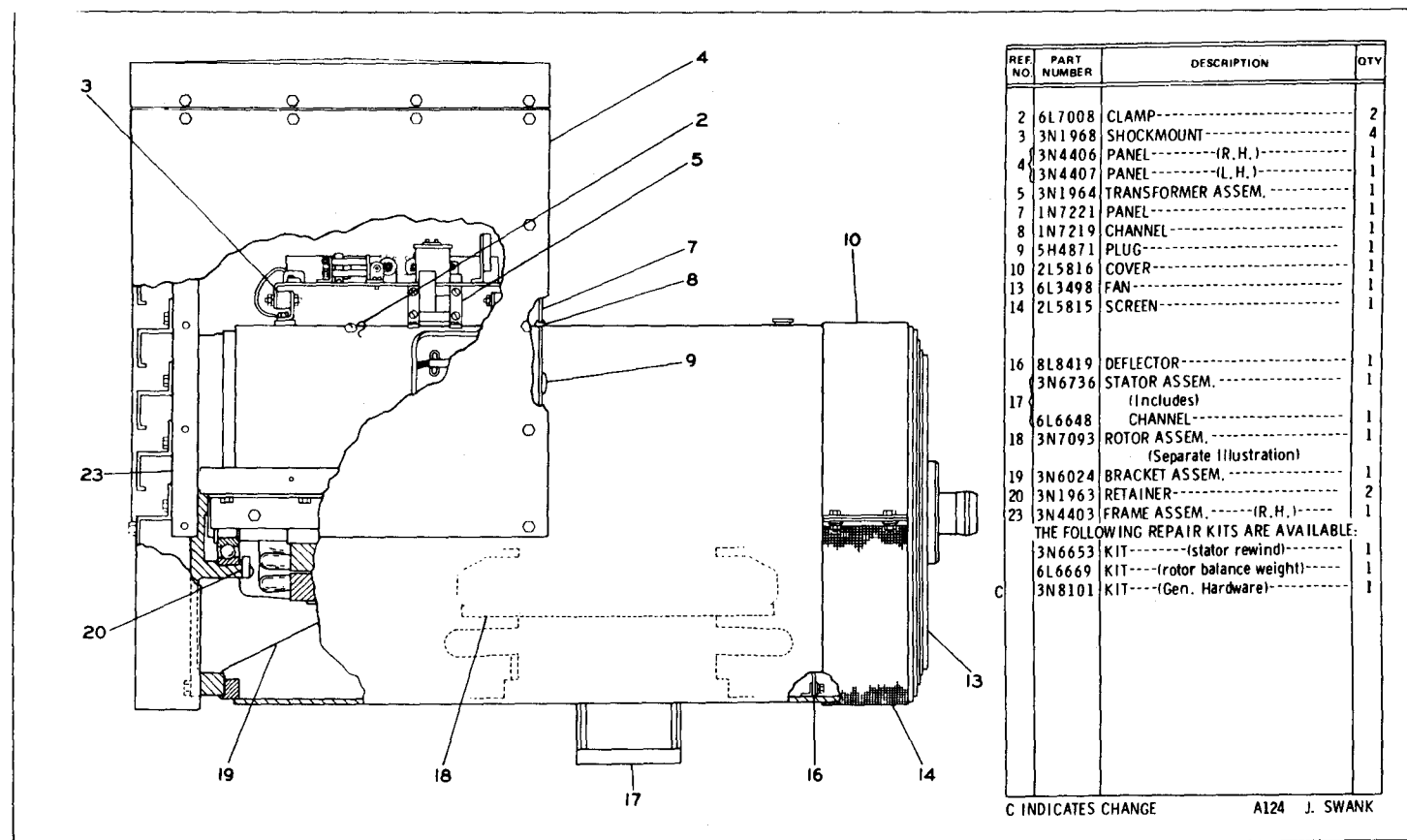
5N27 GENERATOR—3 Phase—End View
 Generator Serial No. 46BS300 to 46BS599 inclusive. 208-416 Volt, 60 hertz at
 1800 R.P.M. 3N7751 Regulator parts are shown on Page 257



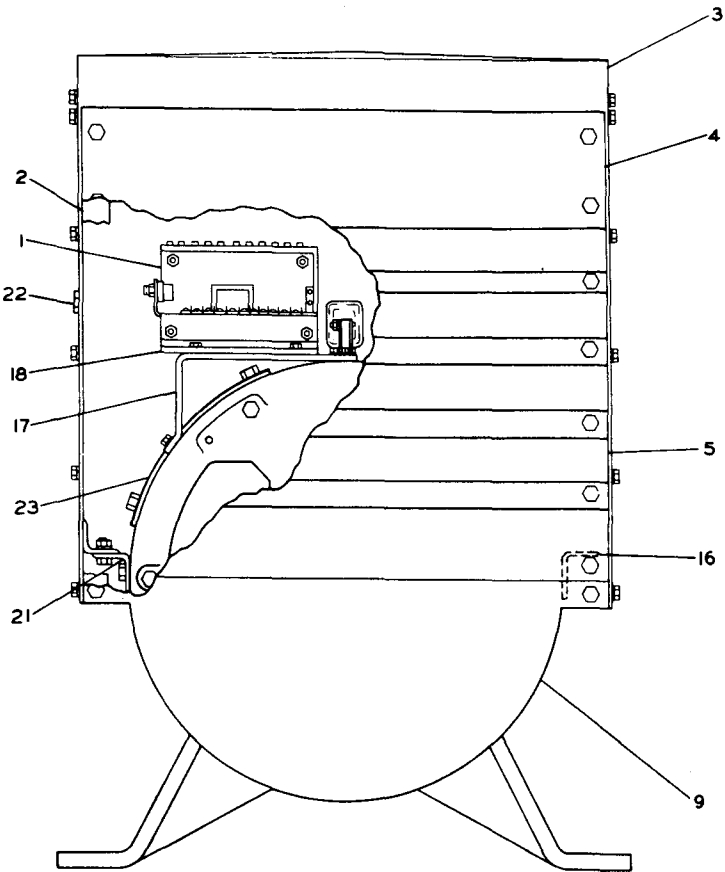
5N27 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BS600—Up
 208-416 Volt, 60 hertz at 1800 R.P.M.
 3N9111 Rotor parts are shown on Page 266C



5N27 GENERATOR—3 Phase—End View
Generator Serial No. 46BS600—Up
208-416 Volt, 60 hertz at 1800 R.P.M.
3N7751 Regulator parts are shown on Page 257



5N28 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BH300 to 46BH599 inclusive
 240-480 Volt, 60 hertz at 1800 R.P.M. 3N7093 Rotor parts are shown on Page 266B

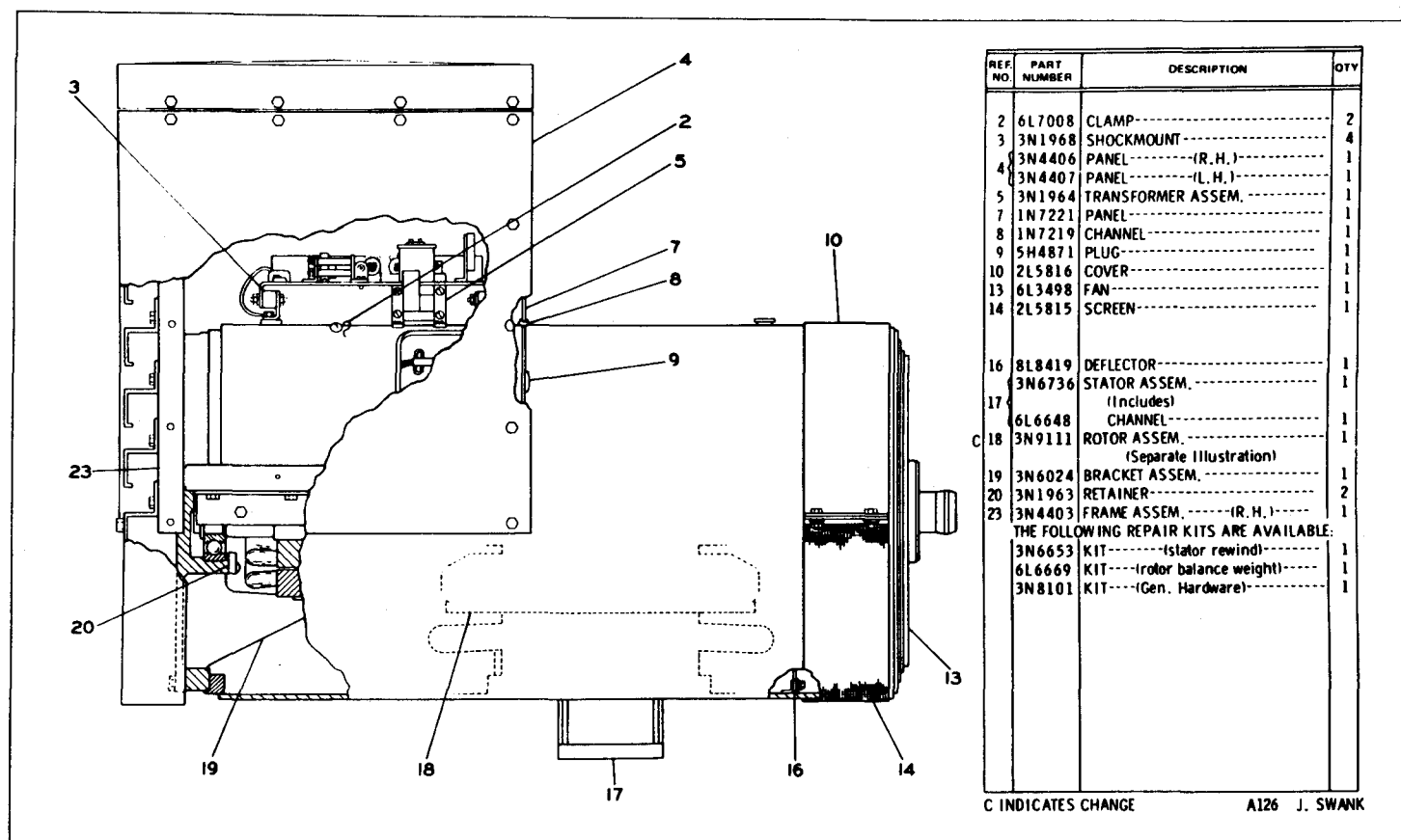


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. -----(L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

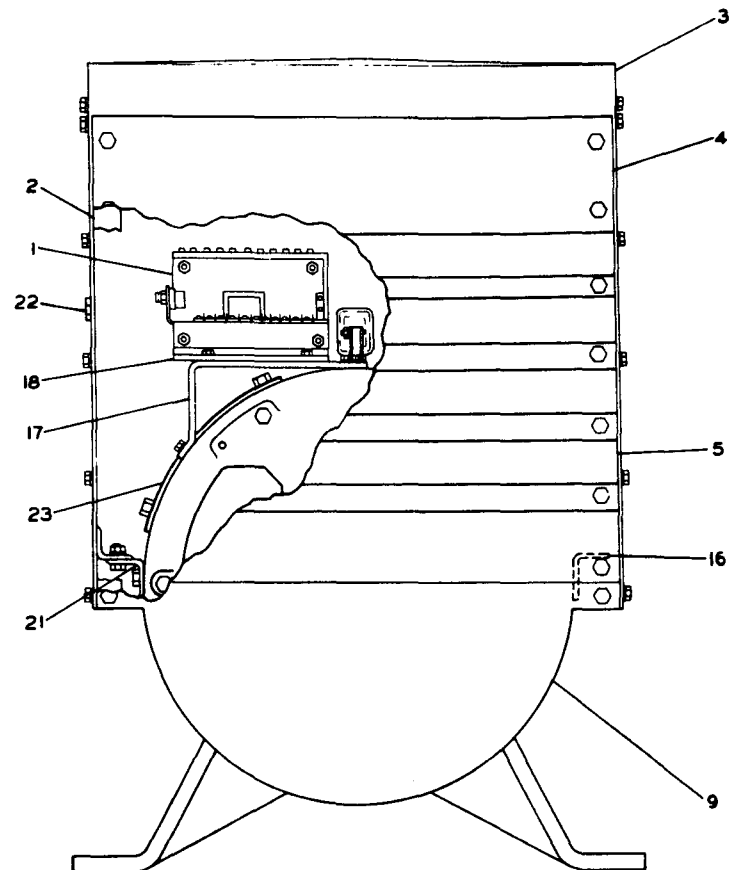
16	3N4409	BRACKET----- (R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
21	3N4408	BRACKET----- (L. H.)-----	1
C 22	3N4809	PLUG-----	4
23	3N7753	COVER----- (access)-----	1
C ▲	3N7754	WIRING DIAGRAM-----	1
▲	6L6523	LABEL----- (instruction)-----	1

▲ NOT SHOWN
C INDICATES CHANGE
A125 J. SWANK

5N28 GENERATOR—3 Phase—End View
Generator Serial No. 46BH300 to 46BH599 inclusive. 240-480 Volt, 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



5N28 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BH600—Up
 240-480 Volt, 60 hertz at 1800 R.P.M. 3N9111 Rotor parts are shown on Page 266C



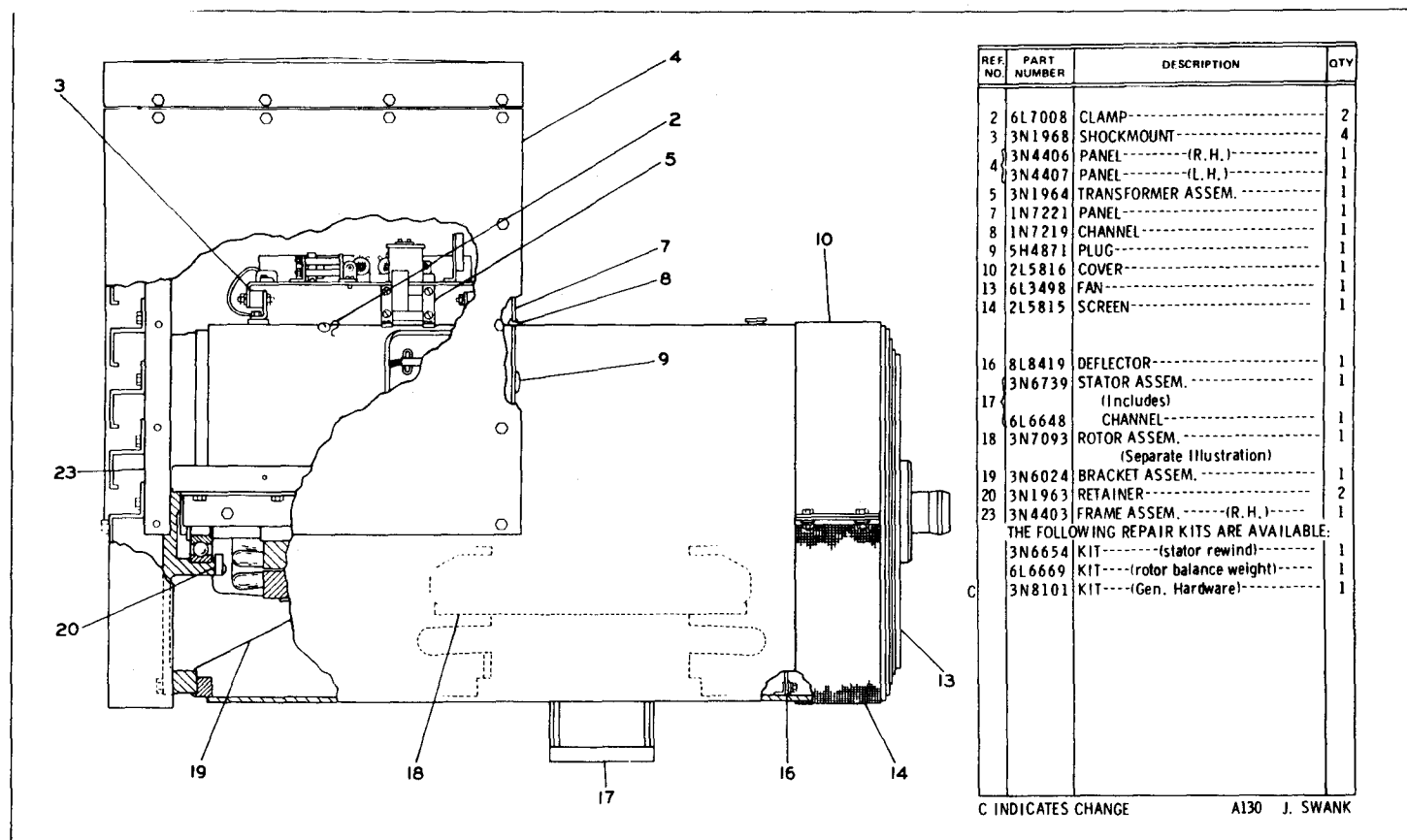
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. -----(L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

16	3N4409	BRACKET----- (R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
21	3N4408	BRACKET----- (L. H.)-----	1
22	3N4809	PLUG-----	4
23	3N7753	COVER----- (access)-----	1
	3N7754	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instruction)-----	1

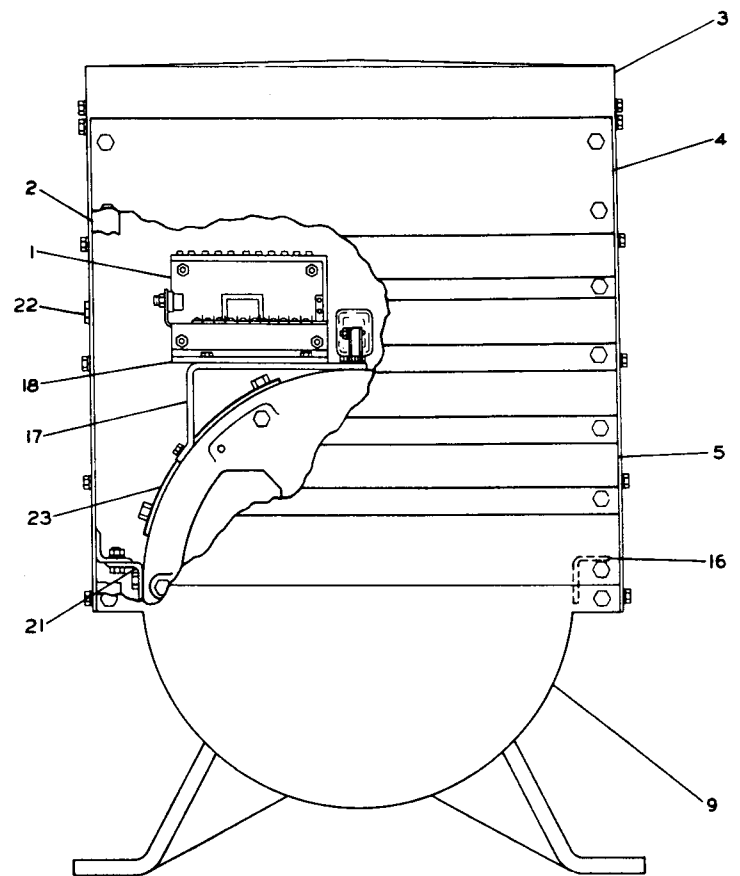
▲ NOT SHOWN

A127 J. SWANK

5N28 GENERATOR—3 Phase—End View
 Generator Serial No. 46BH600—Up. 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N7748 Regulator parts are shown on Page 262



5N29 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BH300 to 46BH500 inclusive
 300-600 Volt, 60 hertz at 1800 R.P.M. 3N7093 Rotor parts are shown on Page 266B



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM.----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM.----- (L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

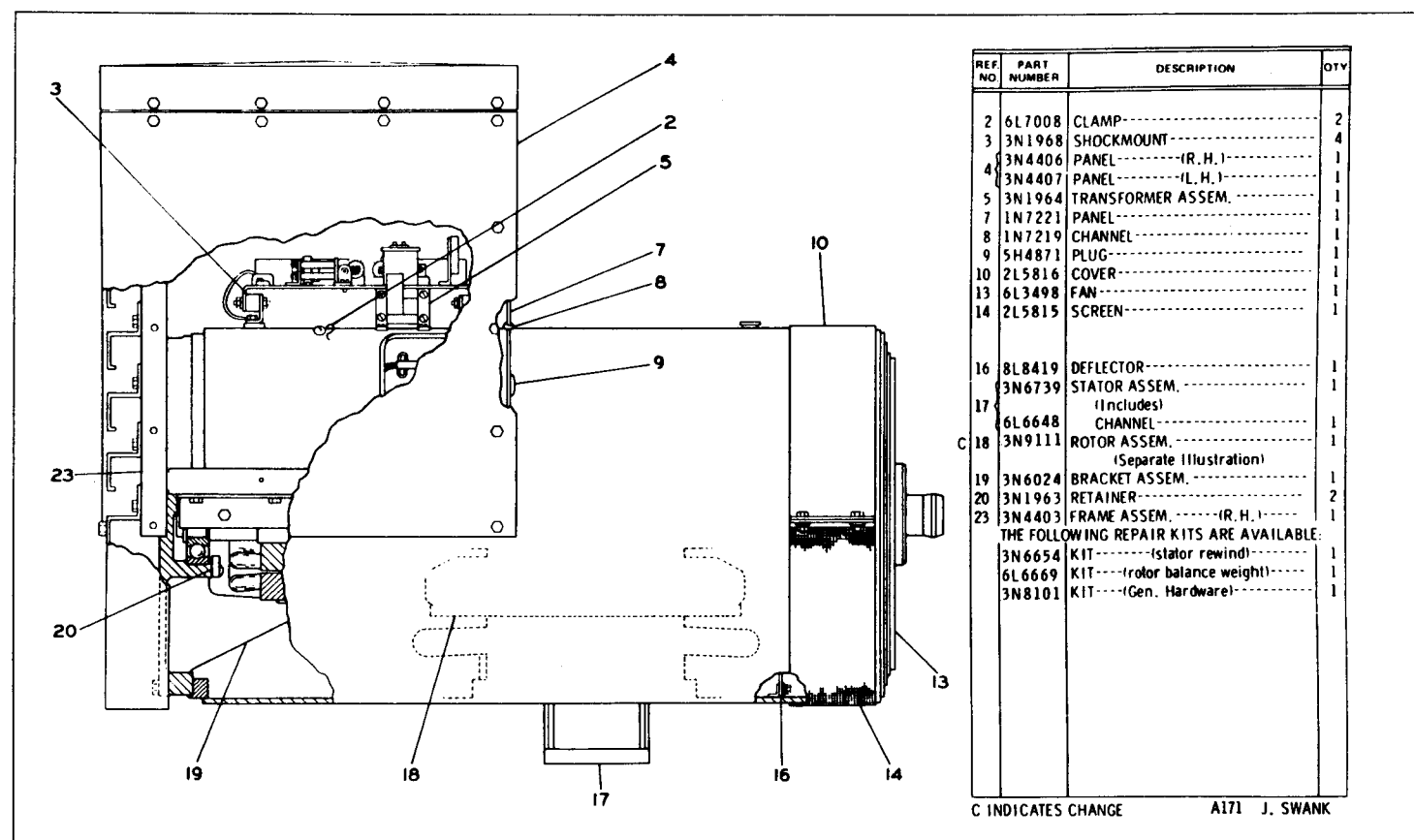
	16	3N4409	BRACKET----- (R. H.)-----	1
	17	3N1966	BRACKET-----	2
	18	3N1967	BRACKET-----	2
	21	3N4408	BRACKET----- (L. H.)-----	1
C	22	3N4809	PLUG-----	4
	23	3N7753	COVER----- (access)-----	1
C	▲	3N7754	WIRING DIAGRAM-----	1
		6L6523	LABEL----- (instruction)-----	1

▲ NOT SHOWN

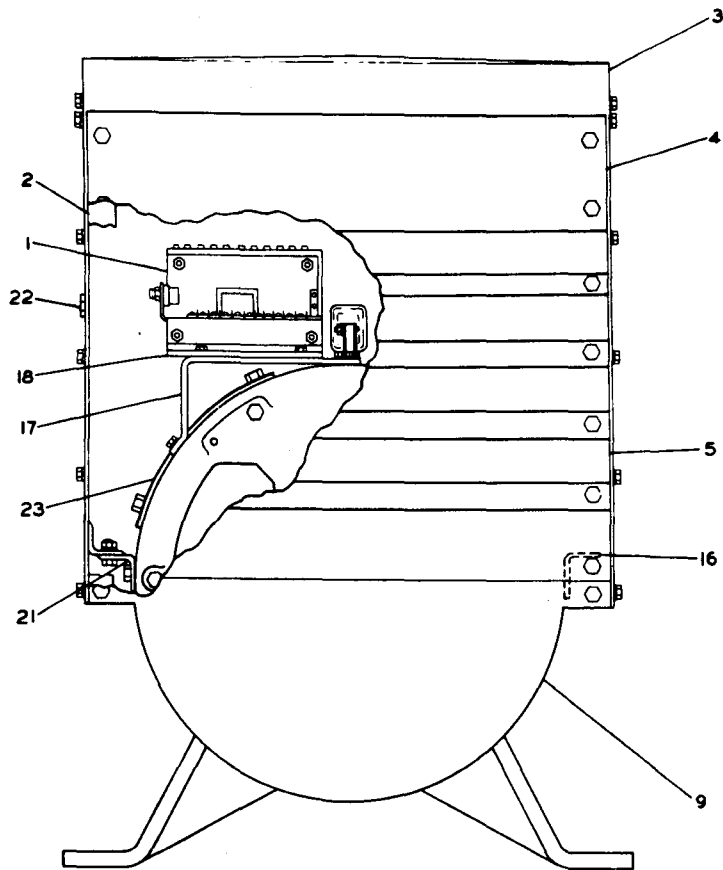
C INDICATES CHANGE

A227 J. SWANK

5N29 GENERATOR—3 Phase—End View
 Generator Serial No. 46BH300 to 46BH599 inclusive
 300-600 Volt, 60 hertz at 1800 R.P.M. 5N9 Regulator parts are shown on Page 263



5N29 GENERATOR—3 Phase—Side View
 Generator Serial No. 46BH600—Up
 300-600 Volt, 60 hertz at 1800 R.P.M. 3N9111 Rotor parts are shown on Page 266C



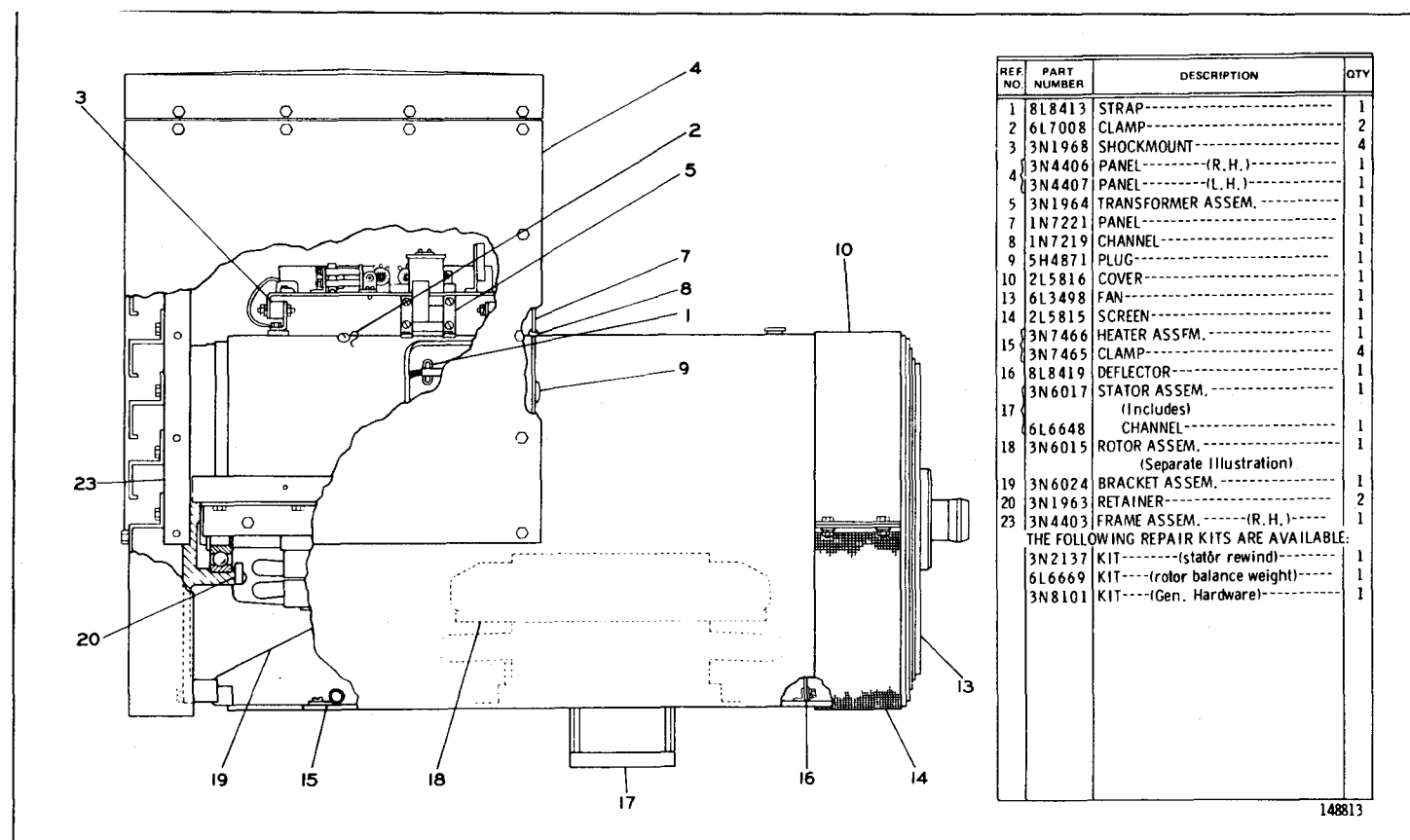
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. -----(L. H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

16	3N4409	BRACKET----- (R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET----- (L. H.)-----	2
21	3N4408	BRACKET----- (L. H.)-----	1
22	3N4809	PLUG-----	4
23	3N7753	COVER----- (access)-----	1
▲	3N7754	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instruction)-----	1

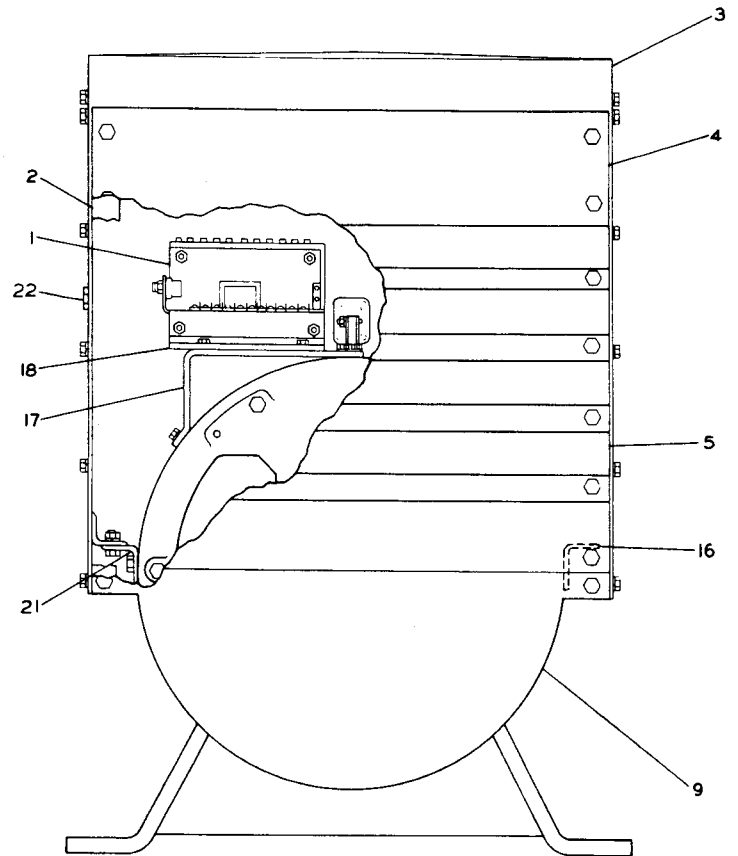
▲ NOT SHOWN

A228 J. SWANK

5N29 GENERATOR—3 Phase—End View
Generator Serial No. 46BH600—Up
300-600 Volt, 60 hertz at 1800 R.P.M.
3N7748 Regulator parts are shown on Page 262



5N3 POWER GENERATOR GROUP—3 Phase—Side View
 Generator Serial No. 135BH100 to 135BH299 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M or 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N6015 Rotor parts are shown on Page 266



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5N9	REGULATOR ASSEM.----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM.-----(L. H.)----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

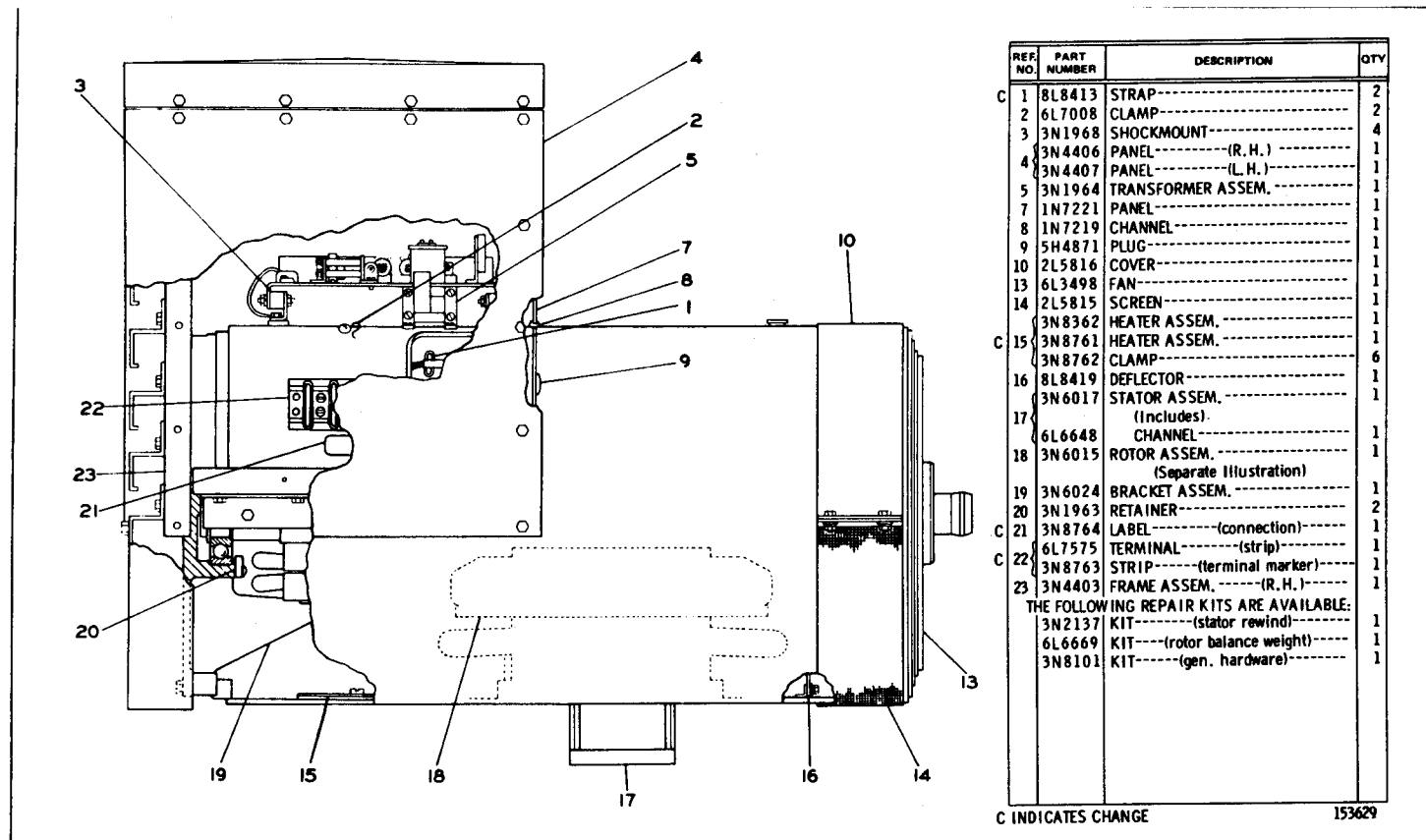
16	3N4409	BRACKET-----(R. H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
21	3N4408	BRACKET-----(L. H.)-----	1
22	3N4809	PLUG-----	3
▲	3N1500	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instruction)-----	1

▲ NOT SHOWN

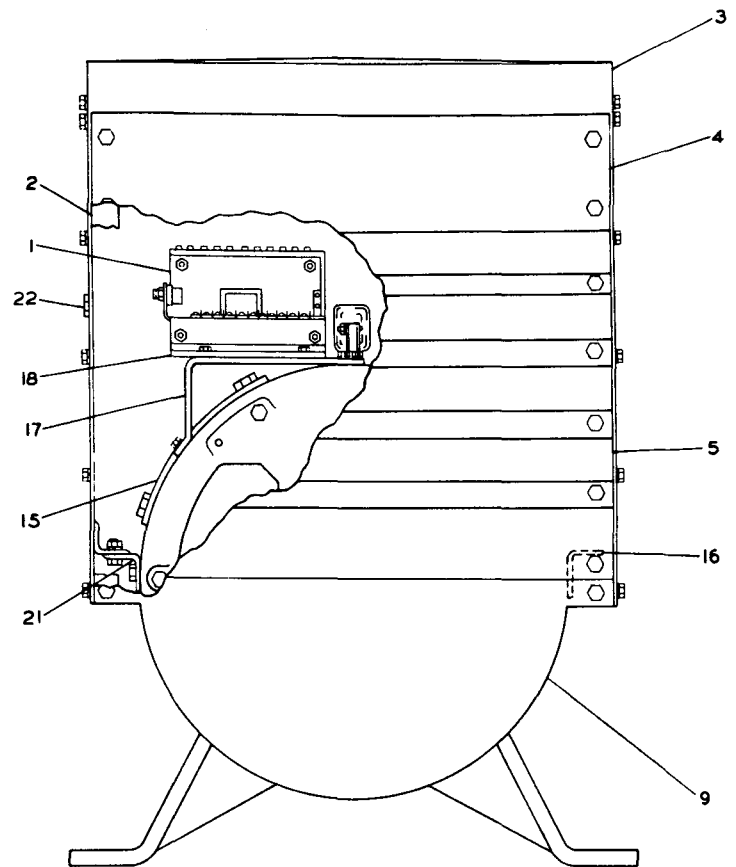
148814

5N3 POWER GENERATOR GROUP—3 Phase—End View
 Generator Serial No. 135BH100 to 135BH299 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt,
 60 hertz at 1800 R.P.M.

5N3 Regulator parts are shown on Page 262



5N3 POWER GENERATOR GROUP—3 Phase—Side View
 Generator Serial No. 135BH300 to 135BH499 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N6015 Rotor parts are shown on Page 266



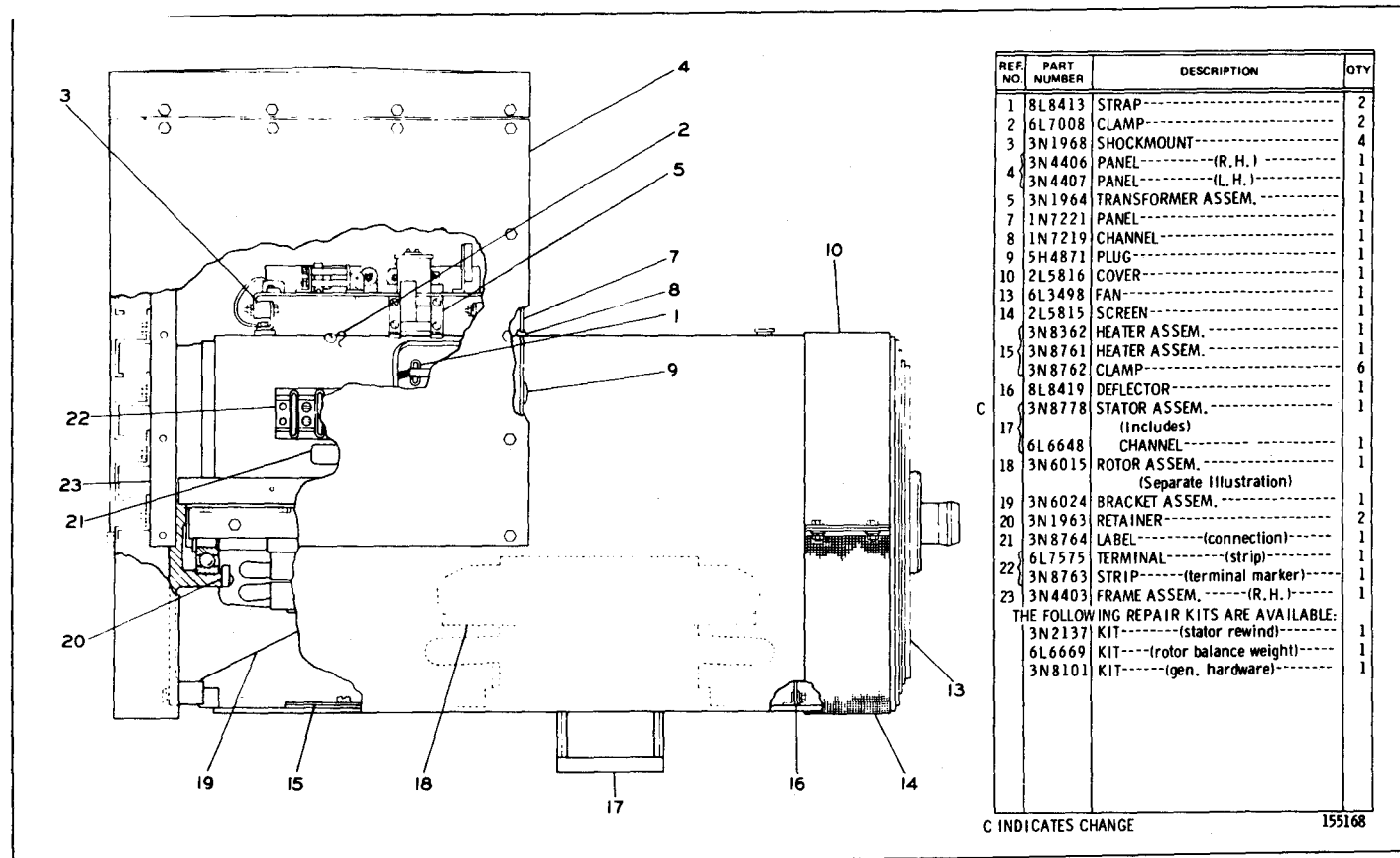
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM.----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM.----- (L.H.)-----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
9	1N7222	COVER ASSEM.-----	1

C 15	3N7753	COVER----- (access)-----	1
16	3N4409	BRACKET----- (R.H.)-----	1
17	3N1966	BRACKET-----	2
18	3N1967	BRACKET-----	2
21	3N4408	BRACKET----- (L.H.)-----	1
C 22	3N4809	PLUG-----	4
▲	3N7754	WIRING DIAGRAM-----	1
▲	6L6523	LABEL----- (instruction)-----	1

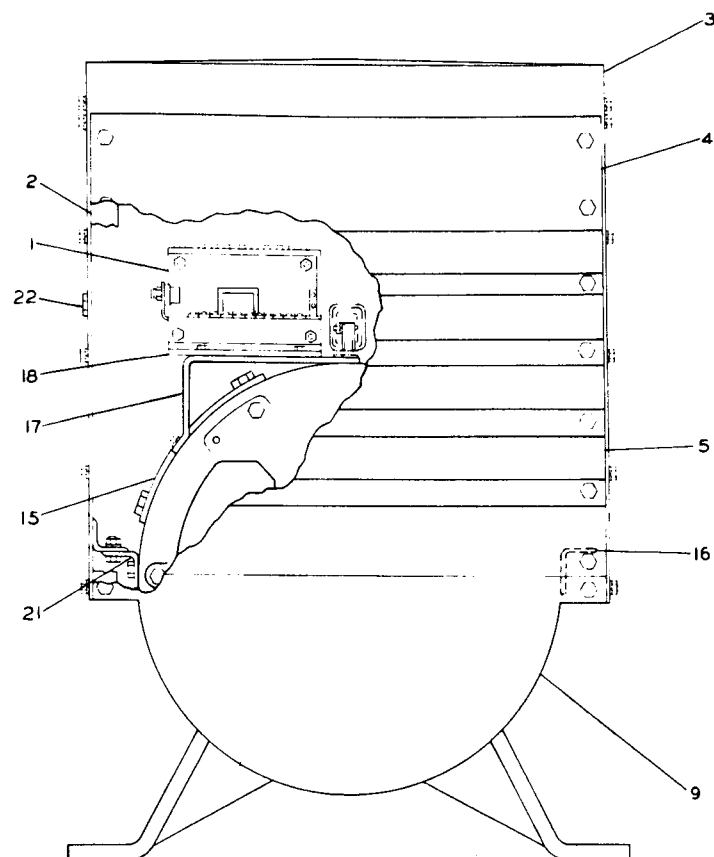
C INDICATES CHANGE
▲ NOT SHOWN

153630

5N3 POWER GENERATOR GROUP—3 Phase—End View
Generator Serial No. 135BH300 to 135BH499 inclusive
200-400 Volt, 50 hertz at 1500 R.P.M or 240-480 Volt, 60 hertz
at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



5N3 POWER GENERATOR GROUP-3 Phase-Side View
 Generator Serial No. 45BH500 to 45BH599 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N6015 Rotor parts are shown on Page 266



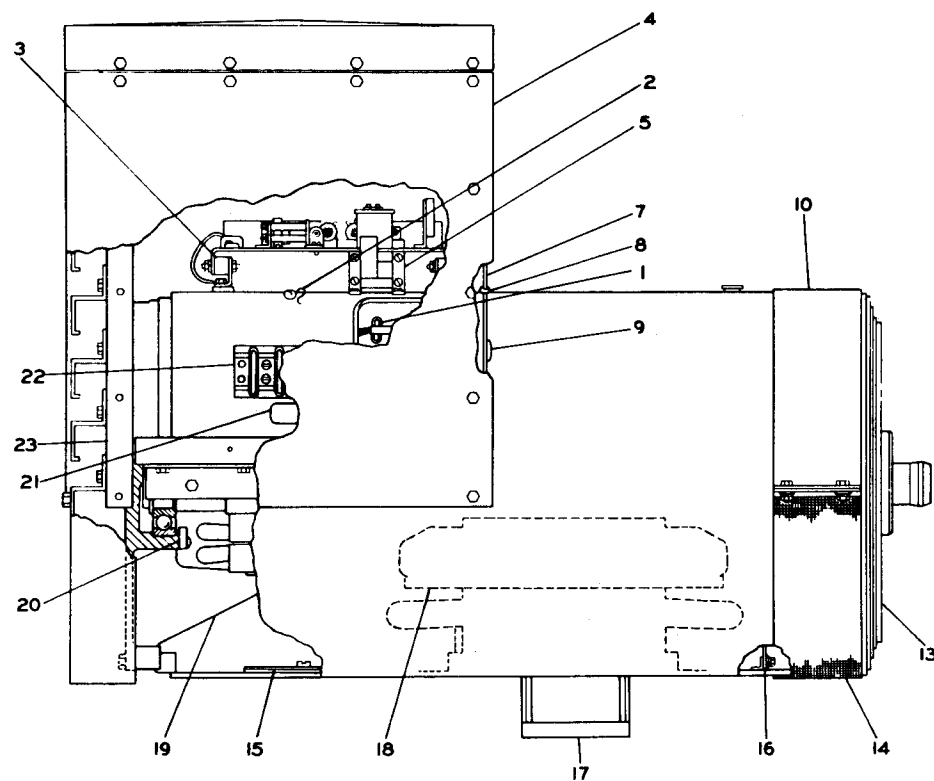
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. (Separate Illustration)	1
2	3N4404	FRAME ASSEM. (L.H.)	1
3	3N4405	COVER	1
4	1N7225	PANEL	1
5	1N7224	LOUVER	4
9	1N7222	COVER ASSEM.	1

15	3N7753	COVER (access)	1
16	3N4409	BRACKET (R.H.)	1
17	3N1966	BRACKET	2
18	3N1967	BRACKET	2
21	3N4408	BRACKET (L.H.)	1
22	3N4809	PLUG	4
▲	3N7754	WIRING DIAGRAM	1
	6L6523	LABEL (instruction)	1

▲ NOT SHOWN

155169

5N3 POWER GENERATOR GROUP—3 Phase—End View
 Generator Serial No. 45BH500 to 45BH599 inclusive
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz
 at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262

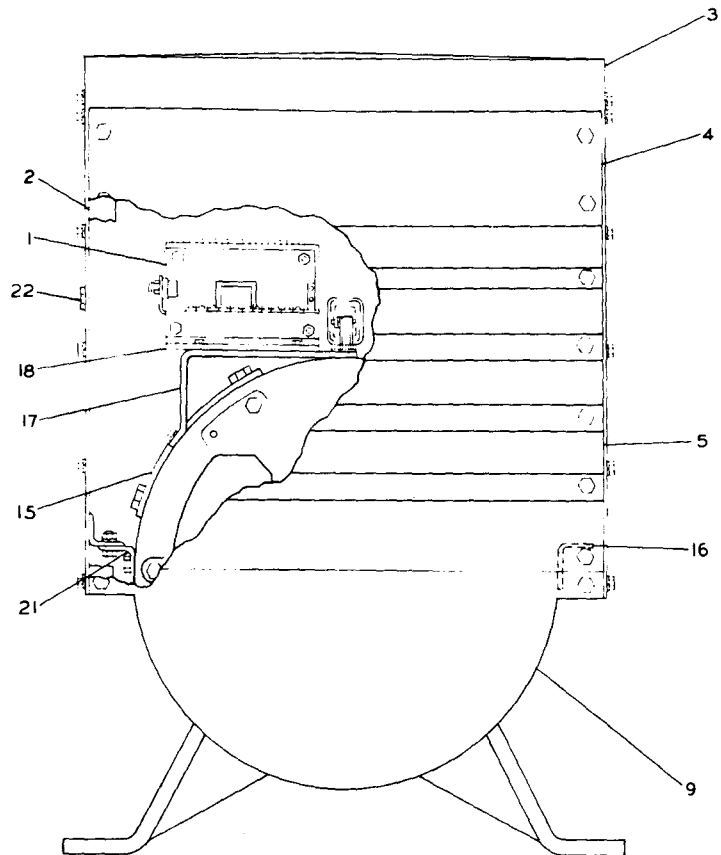


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8L8413	STRAP-----	2
2	6L7008	CLAMP-----	2
3	3N1968	SHOCKMOUNT-----	4
4	3N4406	PANEL----- (R. H.)	1
5	3N4407	PANEL----- (L. H.)	1
6	3N1964	TRANSFORMER ASSEM.-----	1
7	1N7221	PANEL-----	1
8	1N7219	CHANNEL-----	1
9	5H4871	PLUG-----	1
10	2L5816	COVER-----	1
11	6L3498	FAN-----	1
12	2L5815	SCREEN-----	1
13	3N8362	HEATER ASSEM.-----	1
14	3N8761	HEATER ASSEM.-----	1
15	3N8762	CLAMP-----	6
16	8L8419	DEFLECTOR-----	1
17	3N8778	STATOR ASSEM.-----	1
18	6L6648	(Includes) CHANNEL-----	1
19	3N9110	ROTOR ASSEM.----- (Separate Illustration)	1
20	3N6024	BRACKET ASSEM.-----	1
21	3N1963	RETAINER-----	2
22	3N8764	LABEL----- (connection)	1
23	6L7575	TERMINAL----- (strip)	1
	3N8763	STRIP----- (terminal marker)	1
	3N4403	FRAME ASSEM.----- (R. H.)	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N2137	KIT----- (stator rewind)	1
	6L6669	KIT----- (rotor balance weight)	1
	3N8101	KIT----- (gen. hardware)	1

C INDICATES CHANGE

155219

5N3 POWER GENERATOR GROUP—3 Phase—Side View
 Generator Serial No. 45BH600-Up
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz at 1800 R.P.M.
 3N9110 Rotor parts are shown on Page 266A



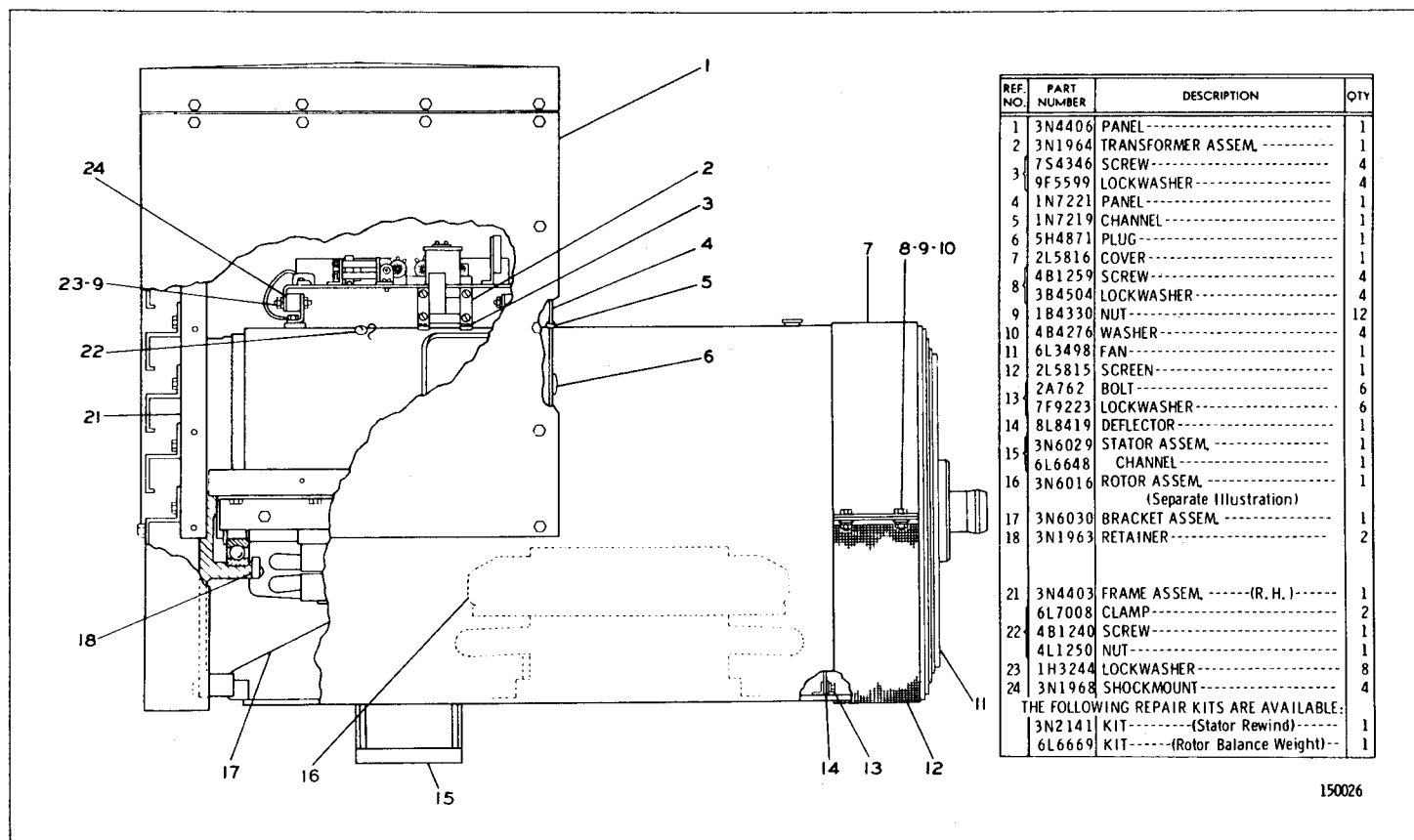
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3N7748	REGULATOR ASSEM. (Separate Illustration)	1
2	3N4404	FRAME ASSEM. (L.H.)	1
3	3N4405	COVER	1
4	1N7225	PANEL	1
5	1N7224	LOUVER	4
9	1N7222	COVER ASSEM.	1

15	3N7753	COVER (access)	1
16	3N4409	BRACKET (R.H.)	1
17	3N1966	BRACKET	2
18	3N1967	BRACKET	2
21	3N4408	BRACKET (L.H.)	1
22	3N4809	PLUG	4
▲	3N7754	WIRING DIAGRAM	1
▲	6L6523	LABEL (instruction)	1

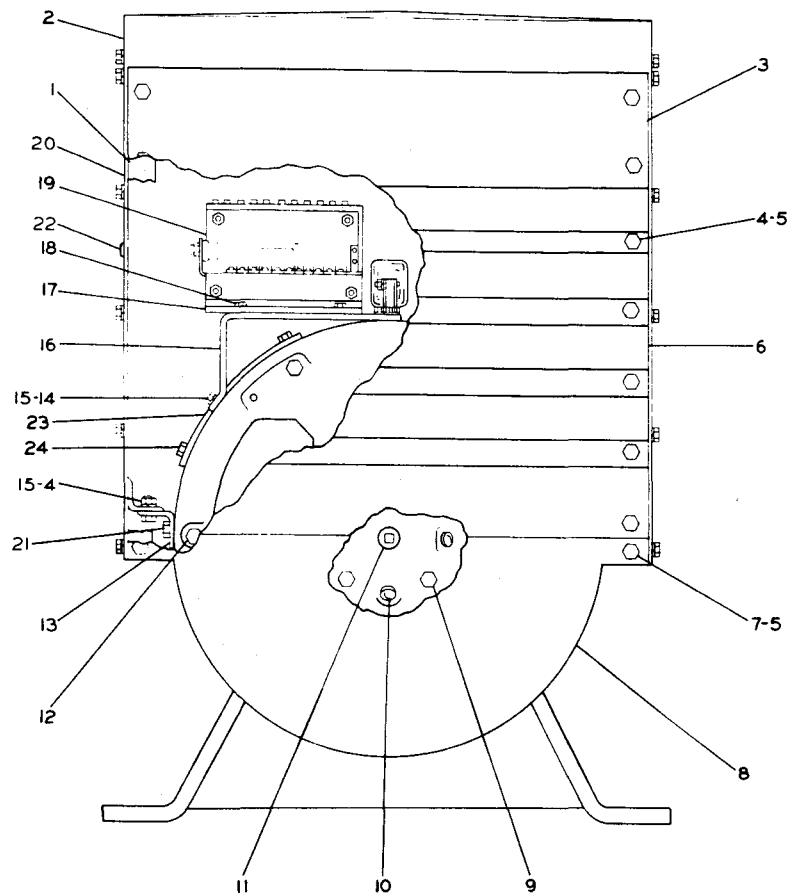
▲ NOT SHOWN

155169

5N3 POWER GENERATOR GROUP—3 Phase—End View
 Generator Serial No. 45BH600-Up
 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz
 at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



5N22 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 175BG300 to 175BG599 inclusive. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt,
 60 hertz at 1800 R.P.M. 3N6016 Rotor parts are shown on Page 265



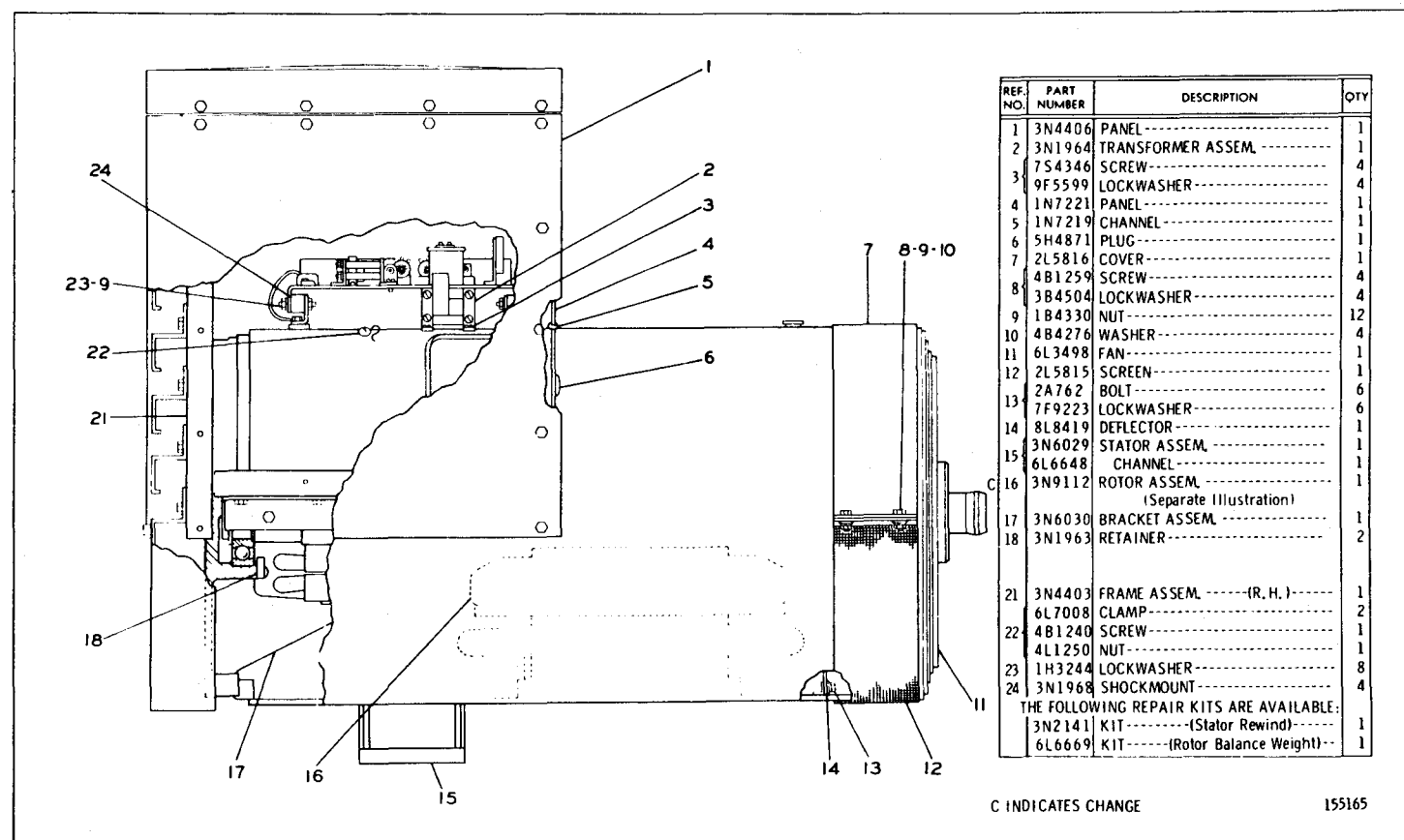
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4404	FRAME ASSEM. -----(L. H.)-----	1
2	3N4405	COVER-----	1
3	1N7225	PANEL-----	1
4	1C569	BOLT-----	66
5	3F9556	LOCKWASHER-----	60
6	1N7224	LOUVER-----	4
7	1D4539	BOLT-----	2
8	1N7222	COVER ASSEM.-----	1
9	T65	BOLT-----	4
10	3B4506	LOCKWASHER-----	4
11	2B4602	PLUG-----	2
12	1B5174	PLUG-----	1
13	1A5822	BOLT-----	6
	3B4508	LOCKWASHER-----	6
	3N4408	BRACKET----- (L. H.)-----	1
	3N4409	BRACKET----- (R. H.)-----	1

14	S1617	BOLT-----	4
15	1H7186	LOCKWASHER-----	12
16	3N1966	BRACKET-----	2
17	3N1967	BRACKET-----	2
18	2A762	BOLT-----	4
18	7F9223	LOCKWASHER-----	4
C 19	3N7748	REGULATOR ASSEM.----- (Separate Illustration)	1
20	3N4407	PANEL----- (L. H.)-----	1
21	3N1645	SCREW-----	8
C 22	3N4809	PLUG-----	4
C 23	3N7753	COVER-----	1
C 24	3N1645	SCREW-----	2
	3N7754	WIRING DIAGRAM-----	1
	6L6563	LABEL----- (Instruction)-----	1

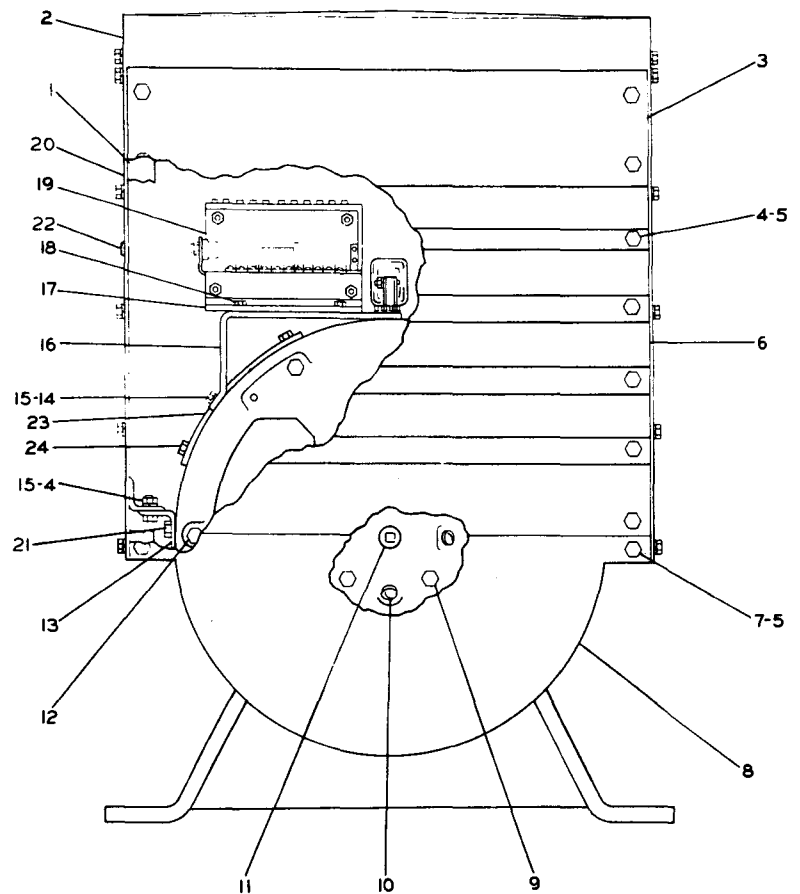
C INDICATES CHANGE

152525

5N22 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 175BG300 to 175BG599 inclusive. 240-480 Volt, 50 hertz at 1500 RPM or 300-600 Volt 60 hertz at 1800 RPM. 3N7748 Regulator parts are shown



5N22 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 175BG600—Up
 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M.
 3N9112 Rotor parts are shown on Page 265B

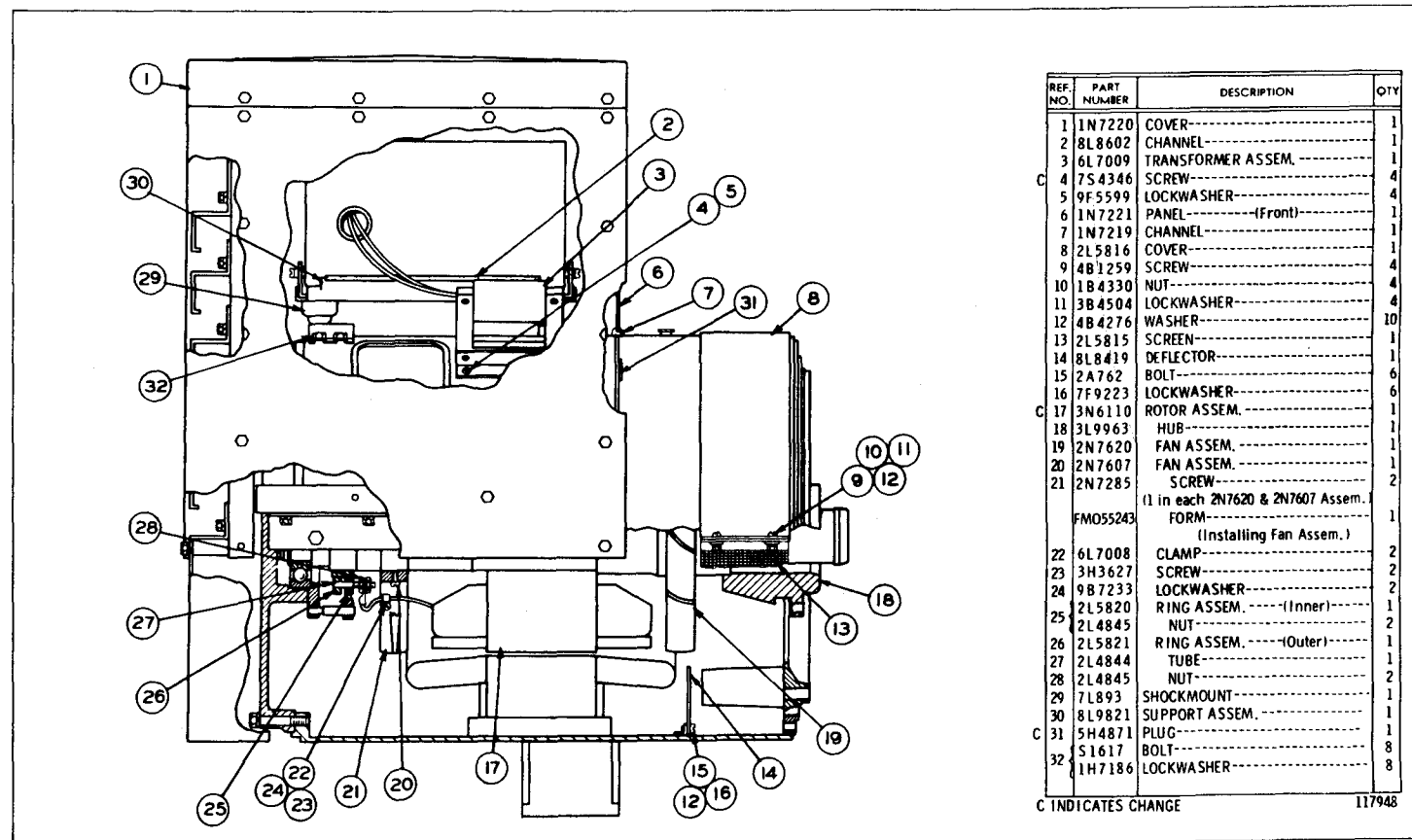


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4404	FRAME ASSEM. -----(L. H.)-----	1
2	3N4405	COVER-----	1
3	1N7225	PANEL-----	1
4	1C569	BOLT-----	66
5	3F9556	LOCKWASHER-----	60
6	1N7224	LOUVER-----	4
7	104539	BOLT-----	2
8	1N7222	COVER ASSEM. -----	1
9	T65	BOLT-----	4
10	3B4506	LOCKWASHER-----	4
11	2B4602	PLUG-----	2
12	1A5822	BOLT-----	6
13	3B4508	LOCKWASHER-----	6
	3N4408	BRACKET----- (L. H.)-----	1
	3N4409	BRACKET----- (R. H.)-----	1

14	51617	BOLT-----	4
15	1H7186	LOCKWASHER-----	12
16	3N1966	BRACKET-----	2
17	3N1967	BRACKET-----	2
18	2A762	BOLT-----	4
19	7F9223	LOCKWASHER-----	4
	3N7748	REGULATOR ASSEM. -----	1
		(Separate Illustration)	
20	3N4407	PANEL----- (L. H.)-----	1
21	3N1645	SCREW-----	8
22	3N4809	PLUG-----	4
23	3N7753	COVER-----	1
24	3N1645	SCREW-----	2
	3N7754	WIRING DIAGRAM-----	1
	6L6563	LABEL----- (Instruction)-----	1

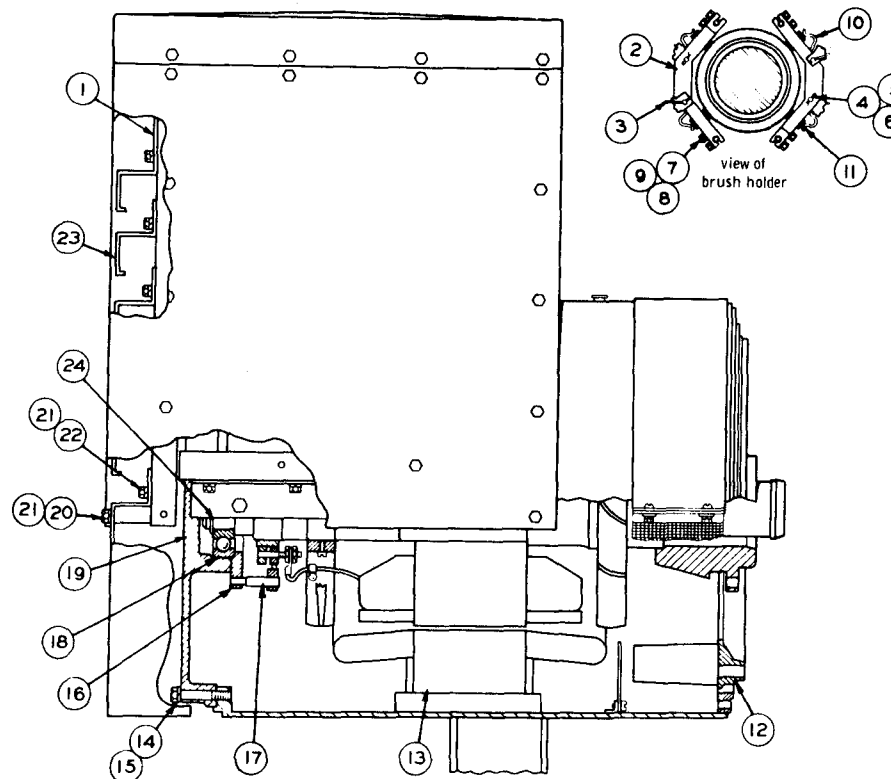
155166

5N22 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 175BG600—Up. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600
 Volt 60 hertz at 1800 R.P.M. 3N7748 Regulator parts are shown on Page 262



8L56 GENERATOR—3 Phase—Part 1 of 3
 Generator Serial No. 100TG3000—Up
 287-575 Volt, 60 hertz at 1800 R.P.M. or 230-460 Volt, 50 hertz at 1500 R.P.M.

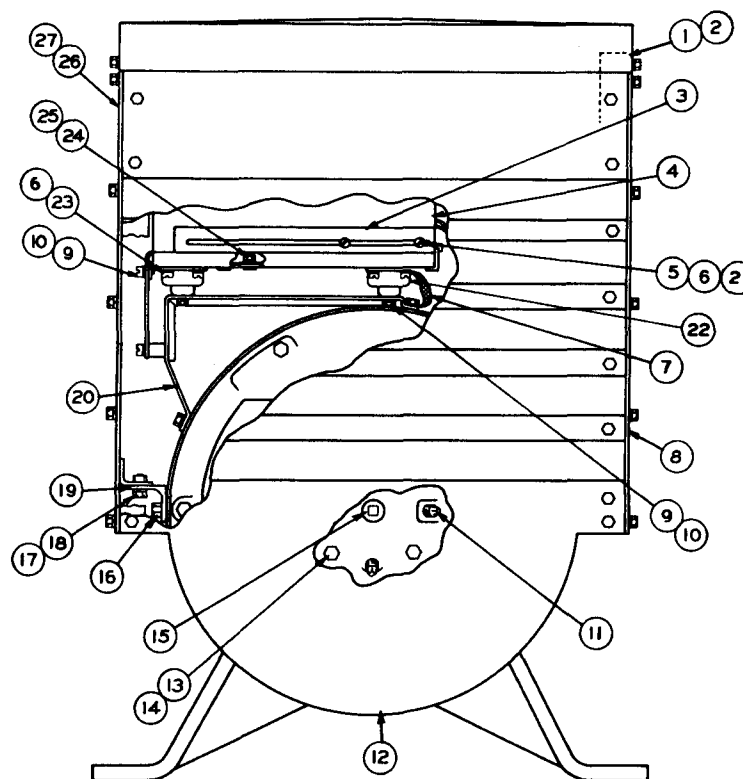
8L56 GENERATOR—3 Phase—Part 2 of 3
 Generator Serial No. 100TG3000—Up
 287-575 Volt, 60 hertz at 1800 R.P.M. or 230-460 Volt, 50 hertz at 1500 R.P.M.



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1N7225	PANEL----- (Meter)-----	1
2	2L5593	HOLDER ASSEM.-----	2
3	2L4853	HOLDER-----	1
4	2L2076	ARM-----	2
5	3B4604	PIN-----	2
6	2L2073	COTTER PIN-----	2
7	S1614	WASHER-----	4
8	S1615	BOLT----- (.50 in. Long)-----	2
9	3B4504	BOLT----- (.75 in. Long)-----	2
10	2L2074	LOCKWASHER-----	4
11	5L7056	SPRING-----	2
12	6L3498	BRUSH-----	4
13	3N6117	FAN-----	1
14	6L6648	STATOR ASSEM.-----	1
15	1A5822	CHANNEL-----	1
16	3B4508	BOLT-----	6
17	2L5590	LOCKWASHER-----	6
18	2L4849	RETAINER AND YOKE ASSEM.-----	1
19	2L5592	TUBE----- (Long)-----	2
20	2L5592	TUBE----- (Short)-----	2
21	2L5567	BEARING-----	1
22	6L8308	BRACKET-----	1
23	1D4539	BOLT-----	2
24	3F9556	LOCKWASHER-----	60
	1C569	BOLT-----	58
	1N7224	LOUVER-----	4
	6S1753	RING-----	1

C INDICATES CHANGE

117949



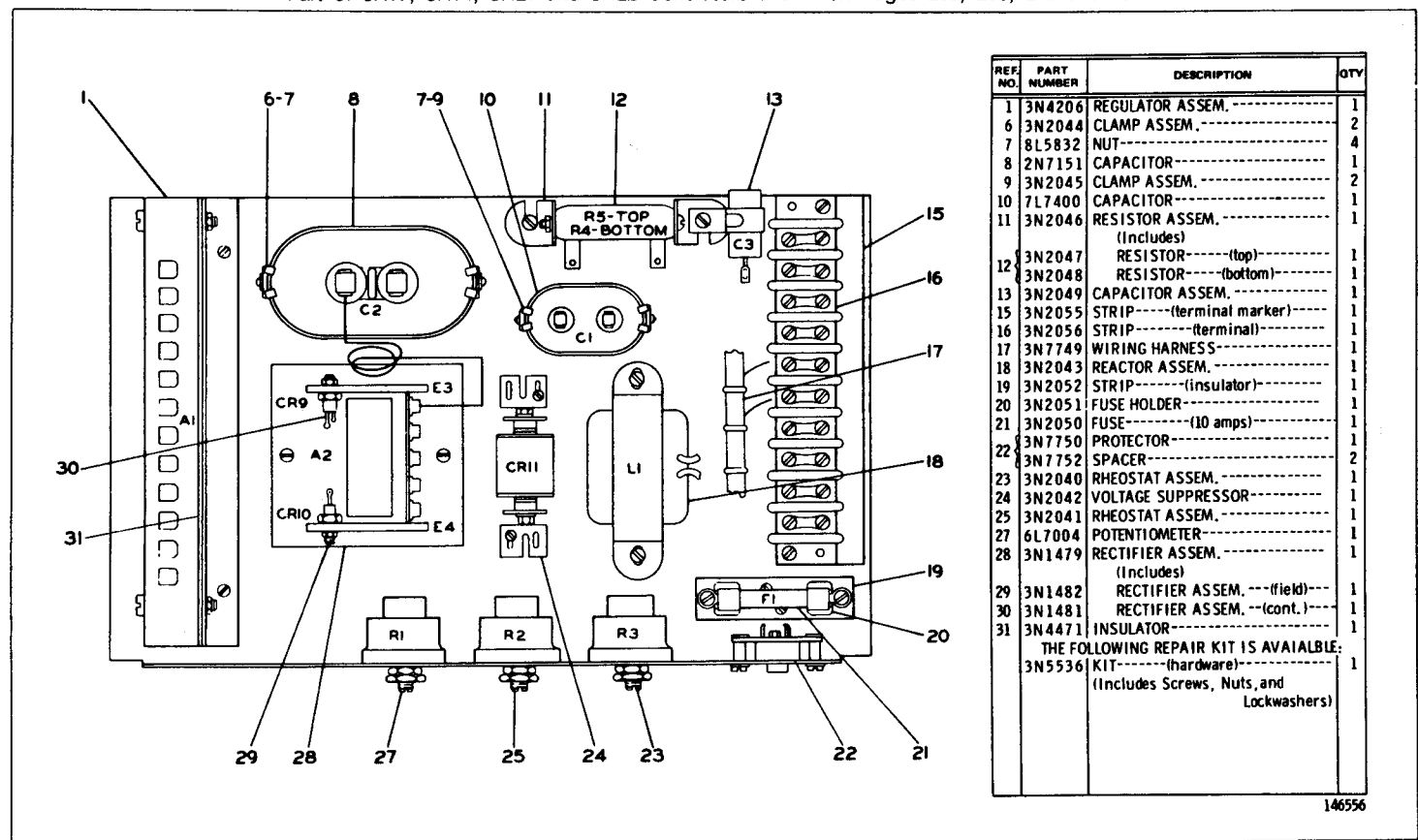
REF NO	PART NUMBER	DESCRIPTION	QTY
1	1N7217	FRAME ASSEM.(R. H.)----	1
2	1N7218	FRAME ASSEM.(L. H.)----	1
3	8L9823	GUIDE-----	1
4	2N7749	EXCITER & REGULATOR ASSEM. --- (Separate Illustration)	1
5	9F9327	SCREW-----	4
6	8F1434	LOCKWASHER-----	20
7	8L5476	STRAP-----	1
8	1N7223	PANEL----- (Side)-----	2
9	51614	BOLT-----	6
10	7F9223	LOCKWASHER-----	6
11	2B4602	PLUG-----	2
12	1N7222	COVER ASSEM.	1
13	L1352	BOLT-----	4
14	3B4506	LOCKWASHER-----	4
15	1B5174	PLUG-----	1
16	3N1645	SCREW-----	6
17	1H7186	LOCKWASHER-----	8
18	1C569	BOLT-----	8
19	1N7214	BRACKET-----	2
20	1N7230	BRACKET-----	2
21	4B4274	WASHER-----	4
22	8L5477	SHOCK MOUNT-----	3
23	754346	SCREW-----	16
24	8F5758	SCREW-----	4
25	1H3244	LOCKWASHER-----	4
26	6L6523	LABEL----- (Instruction)-----	1
27	2N6049	DIAGRAM----- (Wiring)-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	7L2395	KIT----- (Stator Rewind)-----	1
	6L6669	KIT----- (Rotor Balance Weight)-----	1

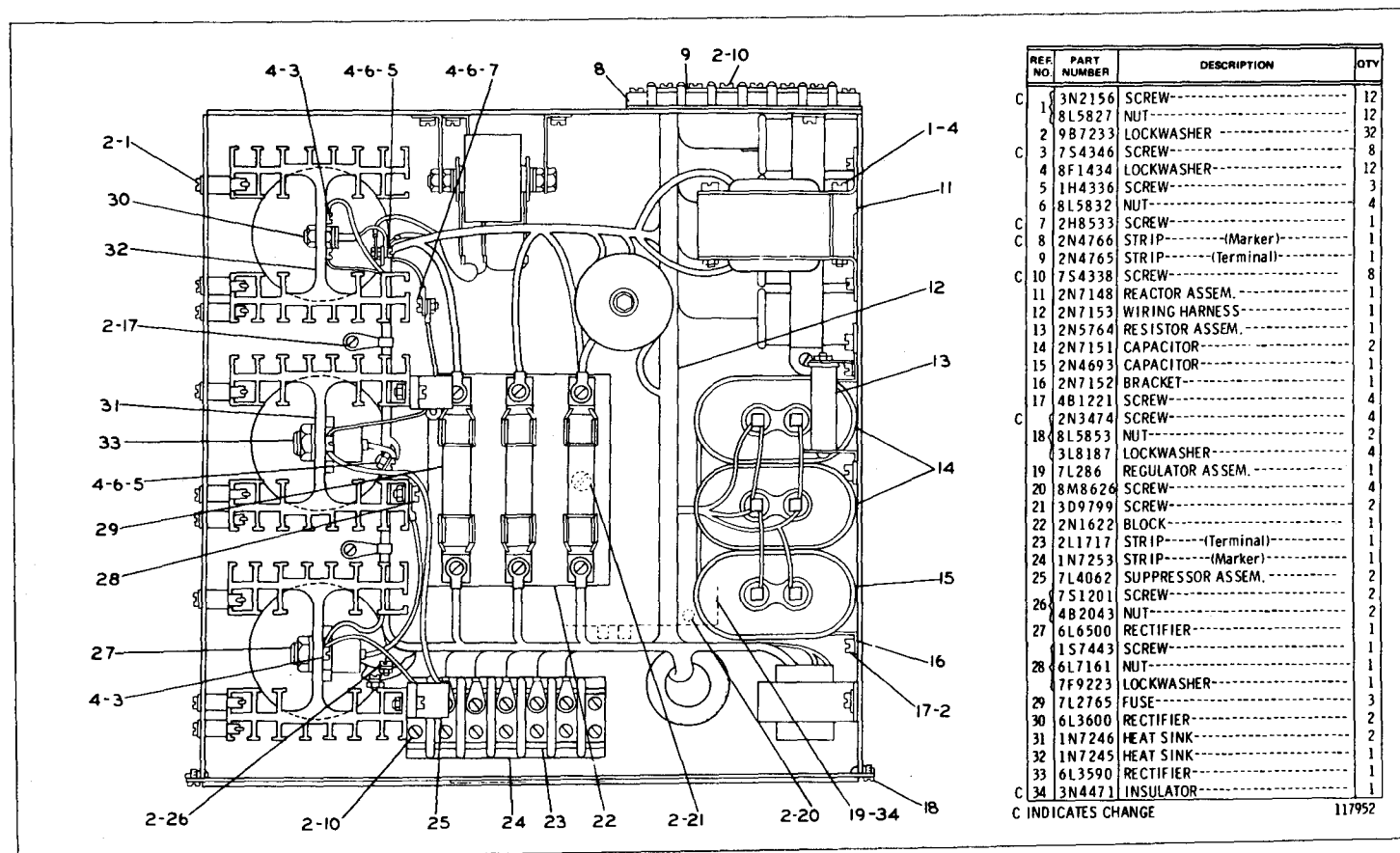
C INDICATES CHANGE

117950

8L56 GENERATOR—3 Phase—Part 3 of 3
Generator Serial No. 100TG3000—Up. 287-575 Volt, 60 hertz at 1800 R.P.M. or 230-460 Volt, 50 hertz at 1500 R.P.M. 2N7749 Exciter and Regulator parts are shown on Pages 258 and 259

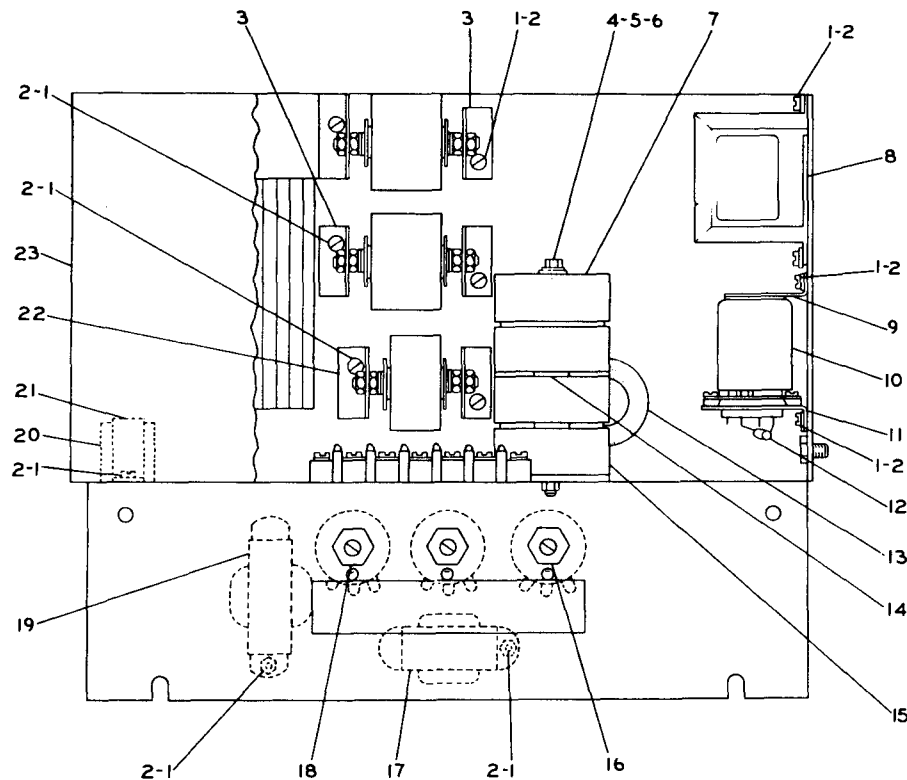
3N7751 REGULATOR ASSEMBLY
Part of 5N17, 5N14, 5N21 and 5N22 Generators shown on Pages 233, 235, 249 and 253





2N7749 EXCITER AND REGULATOR ASSEMBLY—Part 1
Part of 8L55 and 8L56 Generators shown on Pages 231 and 256

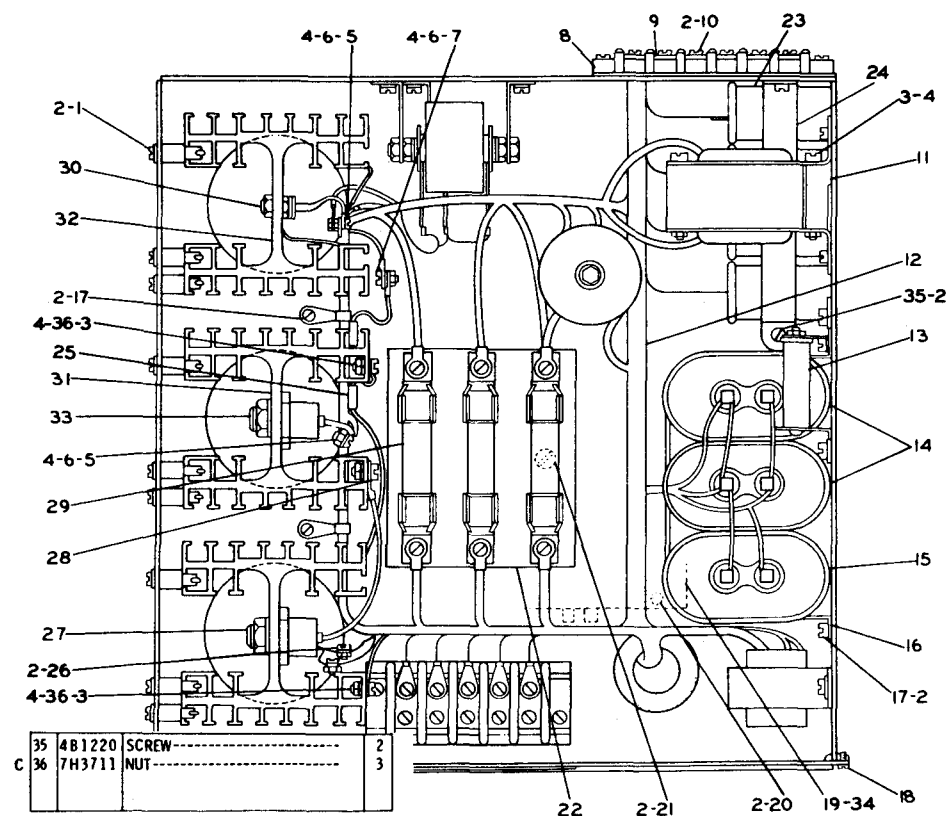
2N7749 EXCITER AND REGULATOR ASSEMBLY—Part 2
Part of 8L55 and 8L56 Generators shown on Pages 231 and 256



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4B1220	SCREW-----	22
2	9B7233	LOCKWASHER-----	22
3	8L4853	VOLTAGE SUPPRESSOR-----	2
C 4	2N8489	BOLT-----	1
C 5	4L1250	NUT-----	1
C 6	4B4274	WASHER-----	2
7	2N7150	REACTOR ASSEM.-----	1
8	6L6622	REACTOR-----	1
9	7L331	BRACKET-----	1
10	8L5823	RELAY-----	1
11	8L5824	BRACKET-----	1
12	7L2770	RECTIFIER-----	1
13	8L5478	GROMMET-----	2
C 14	3N3466	SPACER-----	2
15	2N7149	REACTOR ASSEM.-----	1
16	6L7003	POTENTIOMETER-----	2
C 17	3N4303	TRANSFORMER-----	1
18	6L7004	POTENTIOMETER-----	1
19	7L7812	CHOKE-----	1
20	7L7400	CAPACITOR-----	4
21	2N4692	STRAP-----	1
22	8L4868	VOLTAGE SUPPRESSOR-----	1
23	1N5036	GUARD ASSEM.-----	1
	6L6421	LABEL-----	1

C INDICATES CHANGE

117953



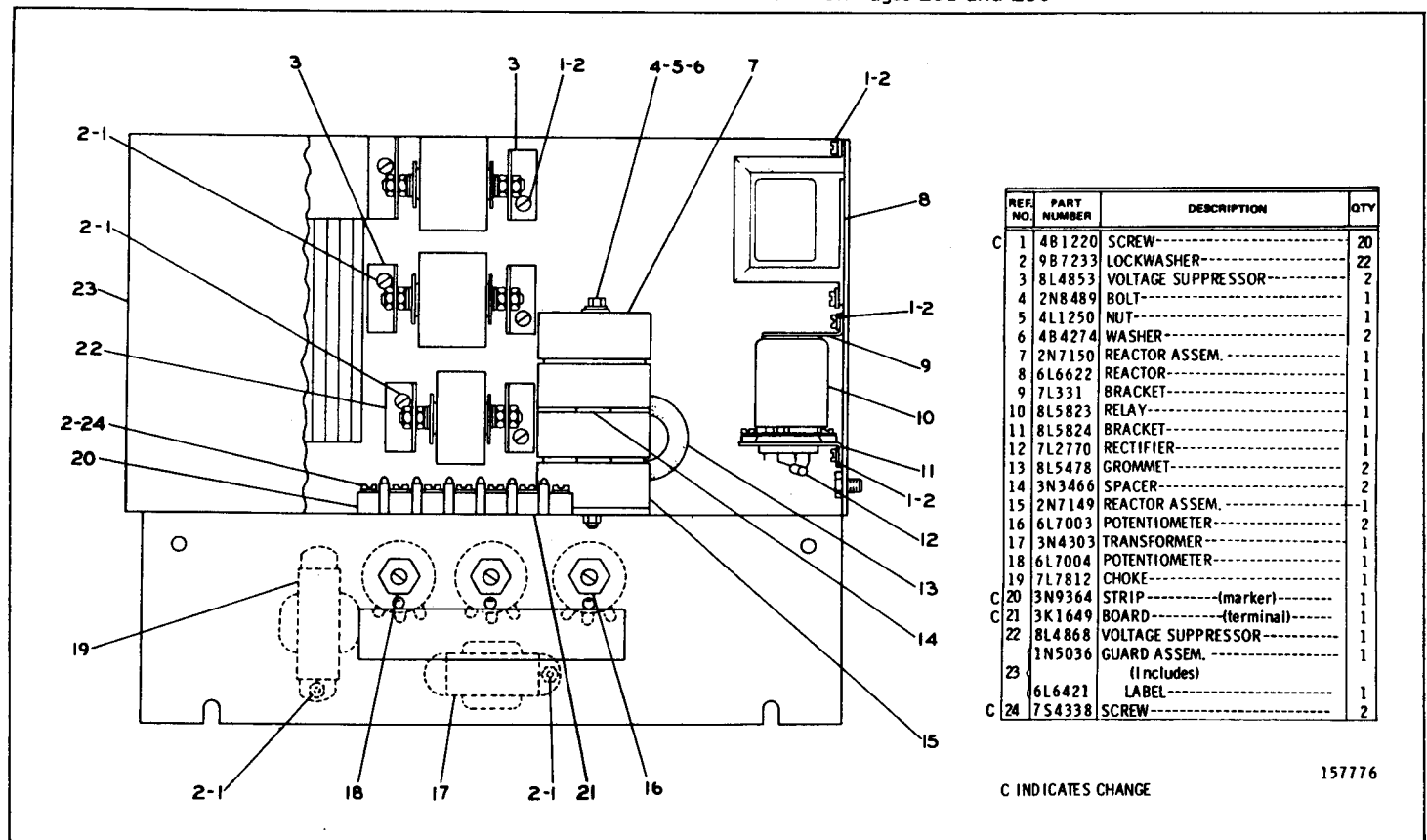
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	3N2156	SCREW	12
2	8L5827	NUT	12
3	9B7233	LOCKWASHER	30
4	7S4346	SCREW	7
5	8F1434	LOCKWASHER	11
6	1H4336	SCREW	3
7	8L5832	NUT	4
8	2H8533	SCREW	1
9	2N4766	STRIP (Marker)	1
10	2N4765	STRIP (Terminal)	1
11	7S4338	SCREW	4
12	2N7148	REACTOR ASSEM.	1
13	2N7153	WIRING HARNESS	1
14	2N5764	RESISTOR ASSEM.	1
15	2N7151	CAPACITOR	2
16	2N4693	CAPACITOR	1
17	2N7152	BRACKET	1
18	4B1221	SCREW	4
19	2N3474	SCREW	4
20	8L5853	NUT	2
21	3L8187	LOCKWASHER	4
22	7L286	REGULATOR ASSEM.	1
23	8M8626	SCREW	4
24	3D9799	SCREW	2
25	2N1622	BLOCK	1
26	7L7400	CAPACITOR	4
27	2N4692	STRAP	1
28	9N9434	SUPPRESSOR ASSEM.	2
29	7S1201	SCREW	2
30	4B2043	NUT	2
31	6L6500	RECTIFIER	1
32	1S7443	SCREW	1
33	6L7161	NUT	1
34	7F9223	LOCKWASHER	1
35	7L2765	FUSE	3
36	6L3600	RECTIFIER	2
37	3N9447	HEAT SINK	2
38	3N9445	HEAT SINK	1
39	6L3590	RECTIFIER	1
40	3N4471	INSULATOR	1

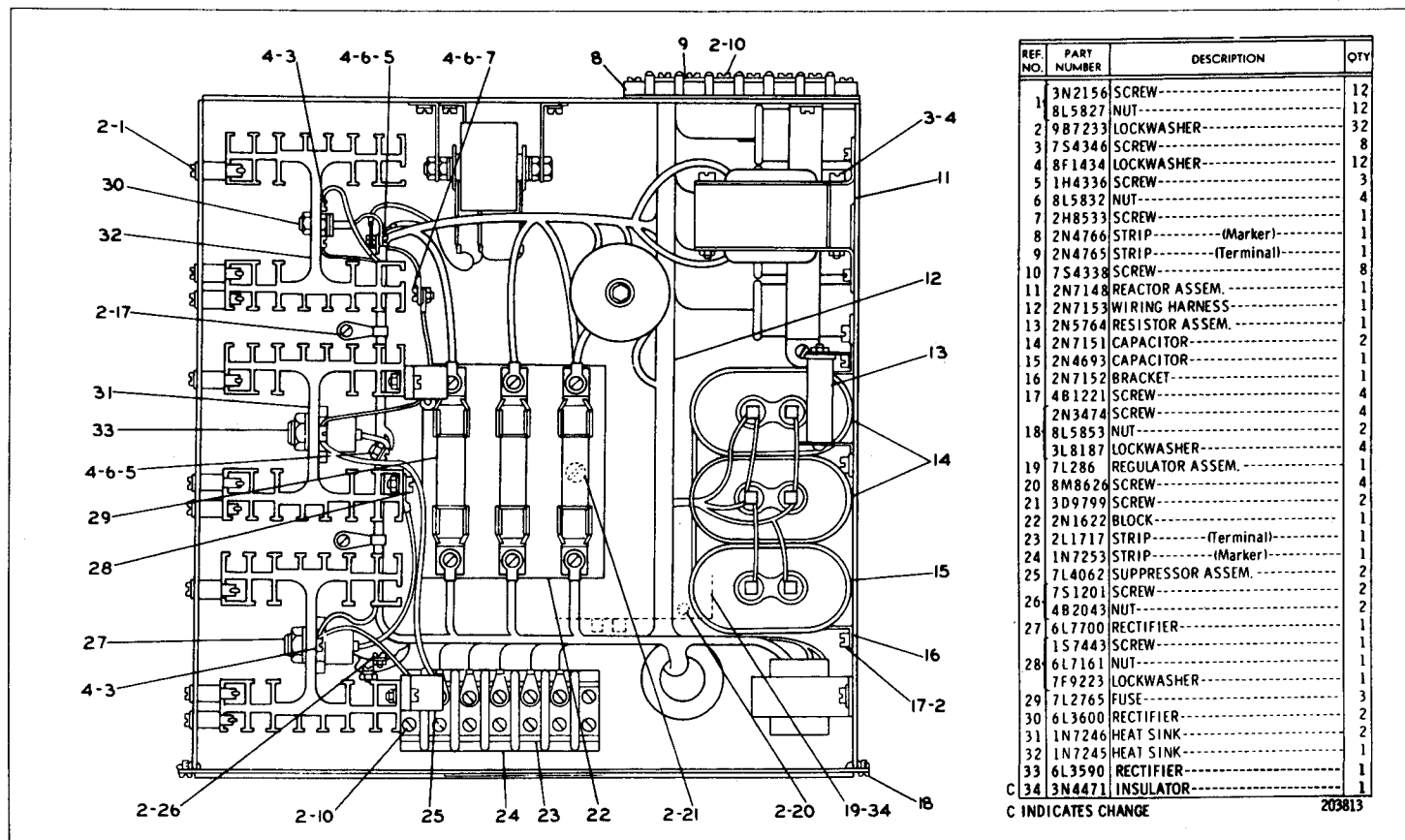
C INDICATES CHANGE

157775

2N7749 EXCITER AND REGULATOR ASSEMBLY—Part 1—Type 2
Part of 8L55 and 8L56 Generators shown on Pages 231 and 256

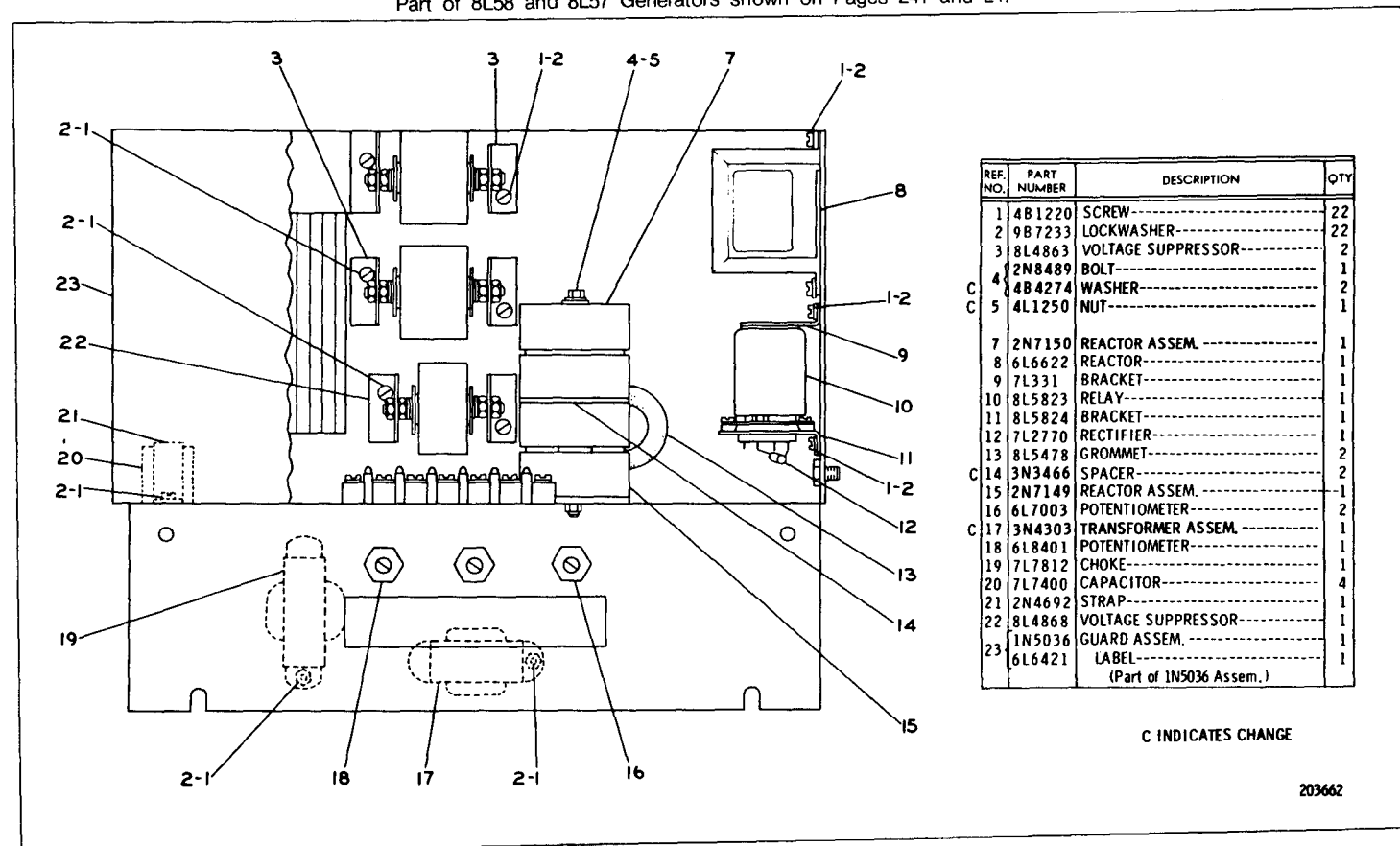
2N7749 EXCITER AND REGULATOR ASSEMBLY—Part 2—Type 2
Part of 8L55 and 8L56 Generators shown on Pages 231 and 256

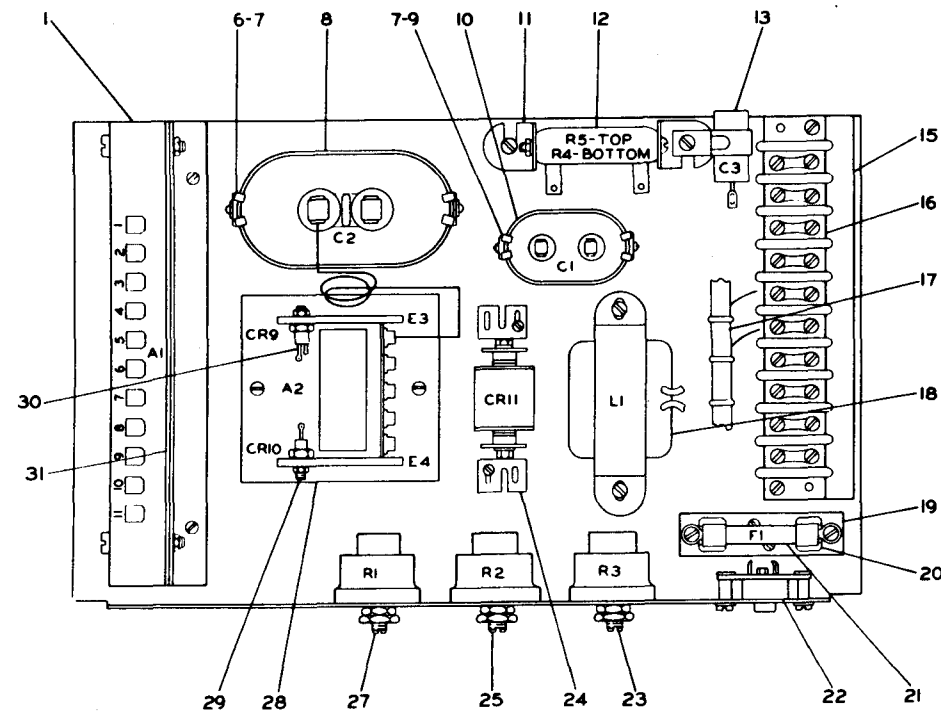




2N7052 EXCITER AND REGULATOR ASSEMBLY—Part 1
Part of 8L58 and 8L57 Generators shown on Pages 241 and 247

2N7052 EXCITER AND REGULATOR ASSEMBLY—Part 2
Part of 8L58 and 8L57 Generators shown on Pages 241 and 247





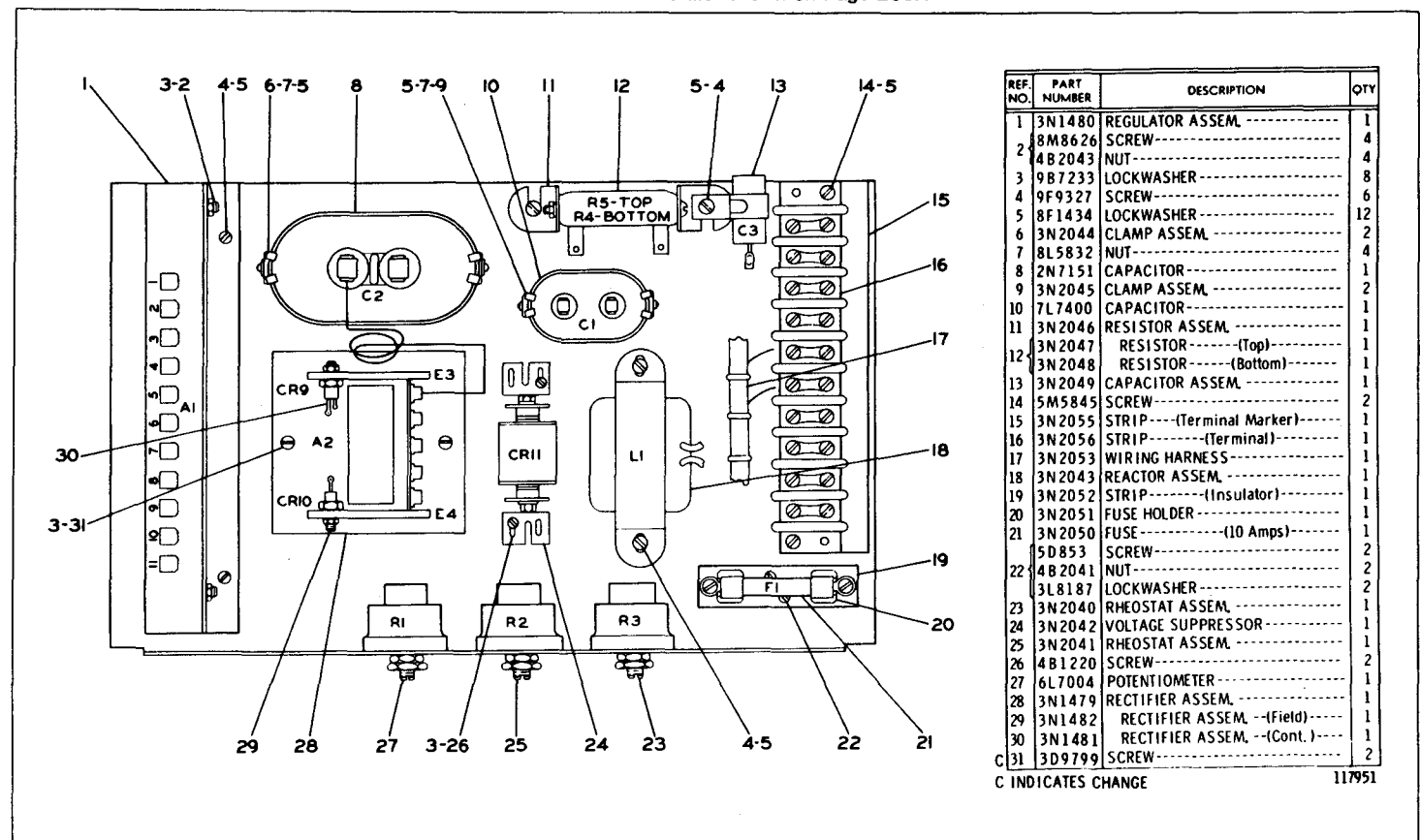
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N1480	REGULATOR ASSEM.-----	1
6	3N2044	CLAMP ASSEM.-----	2
7	8L5832	NUT-----	4
8	2N7151	CAPACITOR-----	1
9	3N2045	CLAMP ASSEM.-----	2
10	7L7400	CAPACITOR-----	1
11	3N2046	RESISTOR ASSEM.-----	1
		(Includes)	
12	3N2047	RESISTOR----- (top)-----	1
	3N2048	RESISTOR----- (bottom)-----	1
13	3N2049	CAPACITOR ASSEM.-----	1
15	3N2055	STRIP----- (terminal marker)-----	1
16	3N2056	STRIP----- (terminal)-----	1
17	3N7749	WIRING HARNESS-----	1
18	3N2043	REACTOR ASSEM.-----	1
19	3N2052	STRIP----- (insulator)-----	1
20	3N2051	FUSE HOLDER-----	1
21	3N2050	FUSE----- (10 amps)-----	1
22	3N7752	PROTECTOR-----	1
23	3N7752	SPACER-----	2
24	3N2040	RHEOSTAT ASSEM.-----	1
25	3N2042	VOLTAGE SUPPRESSOR-----	1
27	3N2041	RHEOSTAT ASSEM.-----	1
28	6L7004	POTENTIOMETER-----	1
29	3N1479	RECTIFIER ASSEM.-----	1
		(Includes)	
30	3N1482	RECTIFIER ASSEM. --- (field) ---	1
	3N1481	RECTIFIER ASSEM. --- (cont.) ---	1
31	3N4471	INSULATOR-----	1
		THE FOLLOWING REPAIR KIT IS AVAILABLE:	
	3N5536	KIT----- (hardware)-----	1
		(Includes Screws, Nuts, and Lockwashers)	

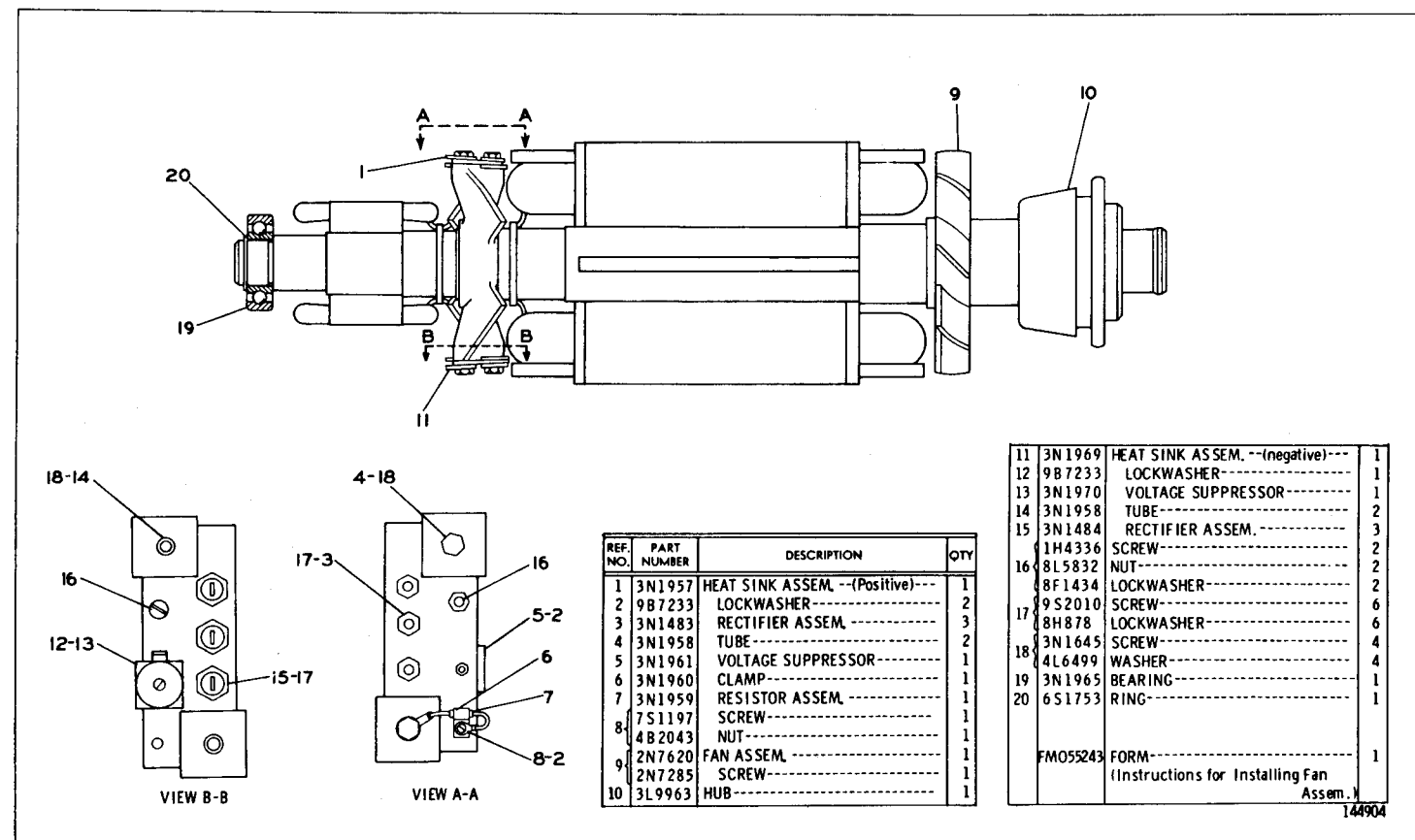
146555

3N748 REGULATOR ASSEMBLY

Part of 5N18, 5N16, 5N15, 5N19, 5N21, 5N3 and 5N22 Generators shown on Pages 237, 239, 243, 245, 248E, 250E and 253

5N9 REGULATOR ASSEMBLY
 Only separate parts serviced. When complete group is required order 3N7748
 Part of 5N3 Generator shown on Page 250A





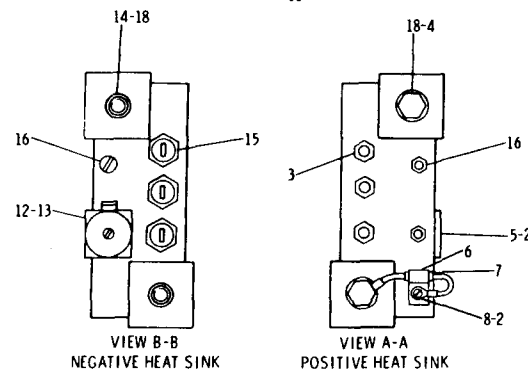
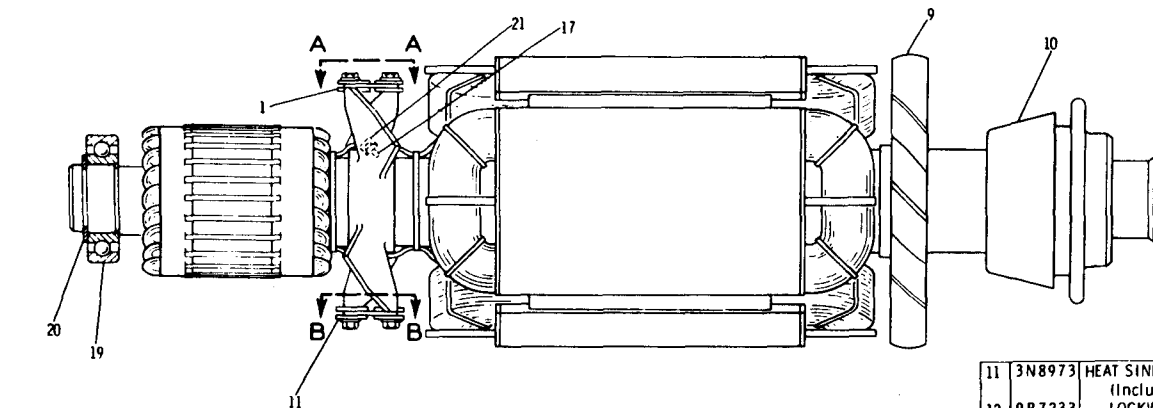
3N7263 ROTOR ASSEMBLY

Only separate parts serviced. When complete group is required order 3N9109
Part of 5N14, 5N16 and 5N15 Generators shown on Pages 234, 238 and 242

144904

3N9109 ROTOR ASSEMBLY

Part of 5N14, 5N16 and 5N15 Generators shown on Pages 234, 238 and 242



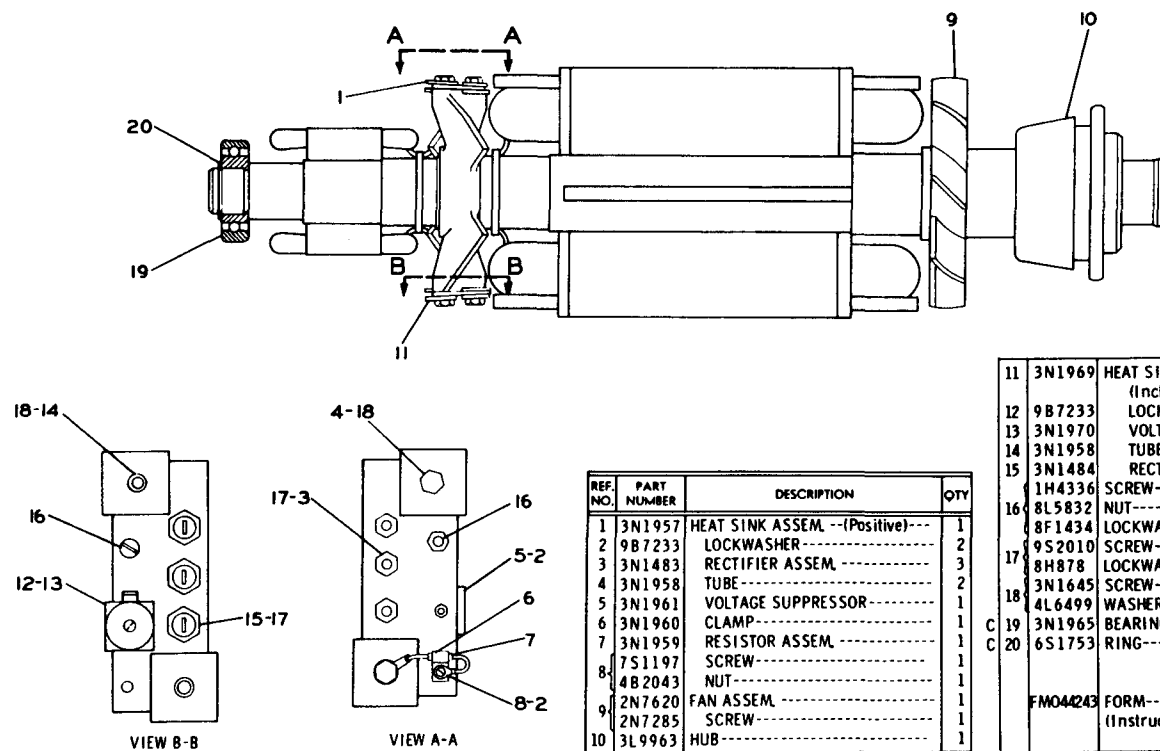
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N8972	HEAT SINK ASSEM. --- (positive) --- (Includes)	1
2	9B7233	LOCKWASHER	2
3	3N8968	RECTIFIER ASSEM.	3
4	3N1958	TUBE	2
5	3N1961	VOLTAGE SUPPRESSOR	1
6	3N1960	CLAMP	1
7	3N1959	RESISTOR ASSEM.	1
8	7S1197	SCREW	1
8	4B2043	NUT	1
9	2N7620	FAN ASSEM.	1
9	(Includes)		
9	2N7285	SCREW	1
10	3L9963	HUB	1

11	3N8973	HEAT SINK ASSEM. --- (negative) --- (Includes)	1
12	9B7233	LOCKWASHER	1
13	3N1970	VOLTAGE SUPPRESSOR	1
14	3N1958	TUBE	2
15	3N8969	RECTIFIER ASSEM.	3
16	1H4336	SCREW	2
16	8L5832	NUT	2
16	8F1434	LOCKWASHER	2
17	3D9799	SCREW	4
17	9B7233	LOCKWASHER	4
18	3N1645	SCREW	4
18	4L6499	WASHER	4
19	3N1965	BEARING	1
20	6S1753	RING	1
21	3N9115	STRIP --- (terminal) ---	2
	FMO44243	FORM (Instructions for Installing Fan Assem.)	1

A99 J. SWANK

3N6016 ROTOR ASSEMBLY

Only separate parts serviced. When complete group is required order 3N9112 shown on Page 265B
Part of 5N21 and 5N22 Generators shown on Pages 248 and 252



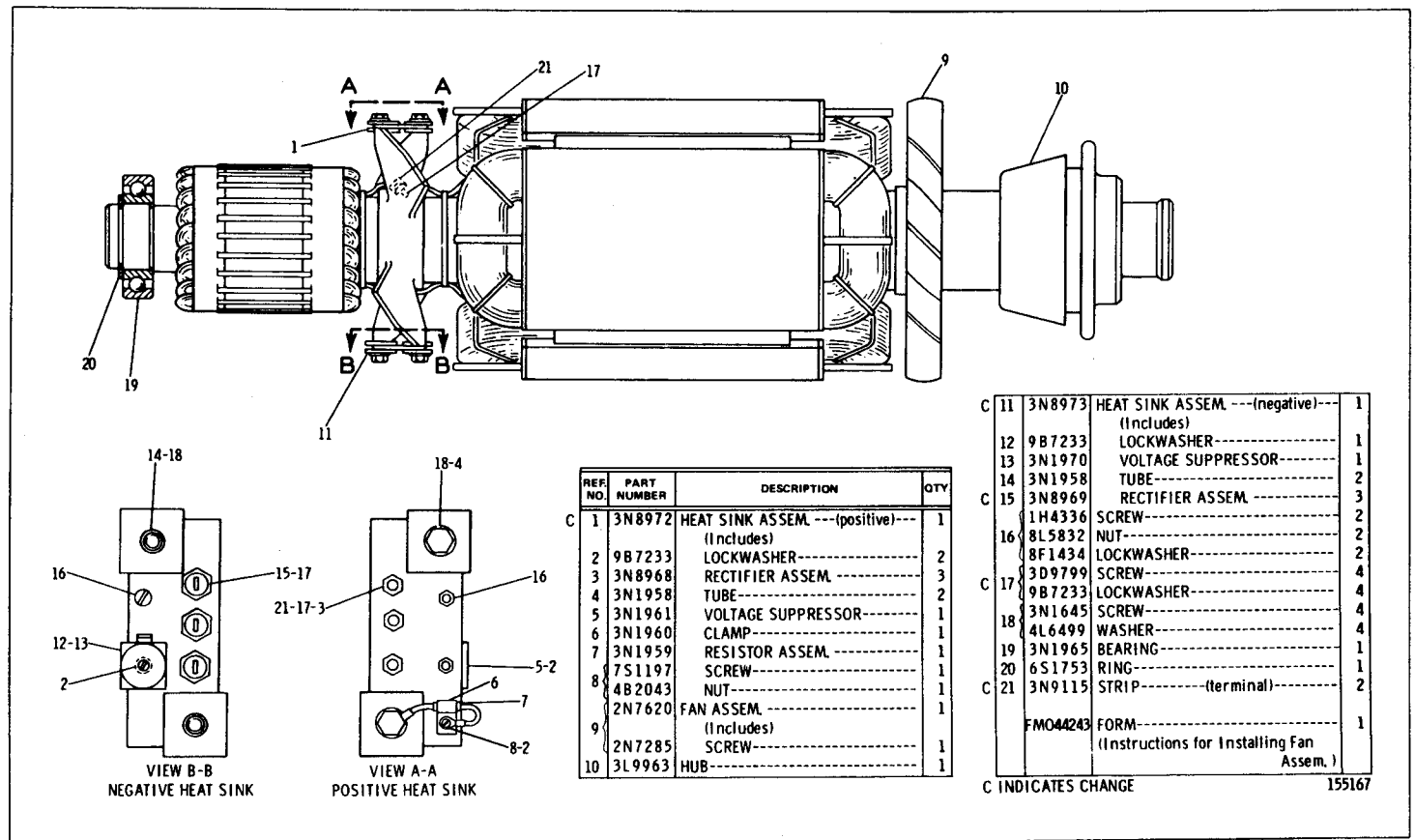
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N1957	HEAT SINK ASSEM. --(Positive)---	1
2	9B7233	LOCKWASHER-----	2
3	3N1483	RECTIFIER ASSEM.-----	3
4	3N1958	TUBE-----	2
5	3N1961	VOLTAGE SUPPRESSOR-----	1
6	3N1960	CLAMP-----	1
7	3N1959	RESISTOR ASSEM.-----	1
8	7S1197	SCREW-----	1
8	4B2043	NUT-----	1
9	2N7620	FAN ASSEM.-----	1
9	2N7285	SCREW-----	1
10	3L9963	HUB-----	1

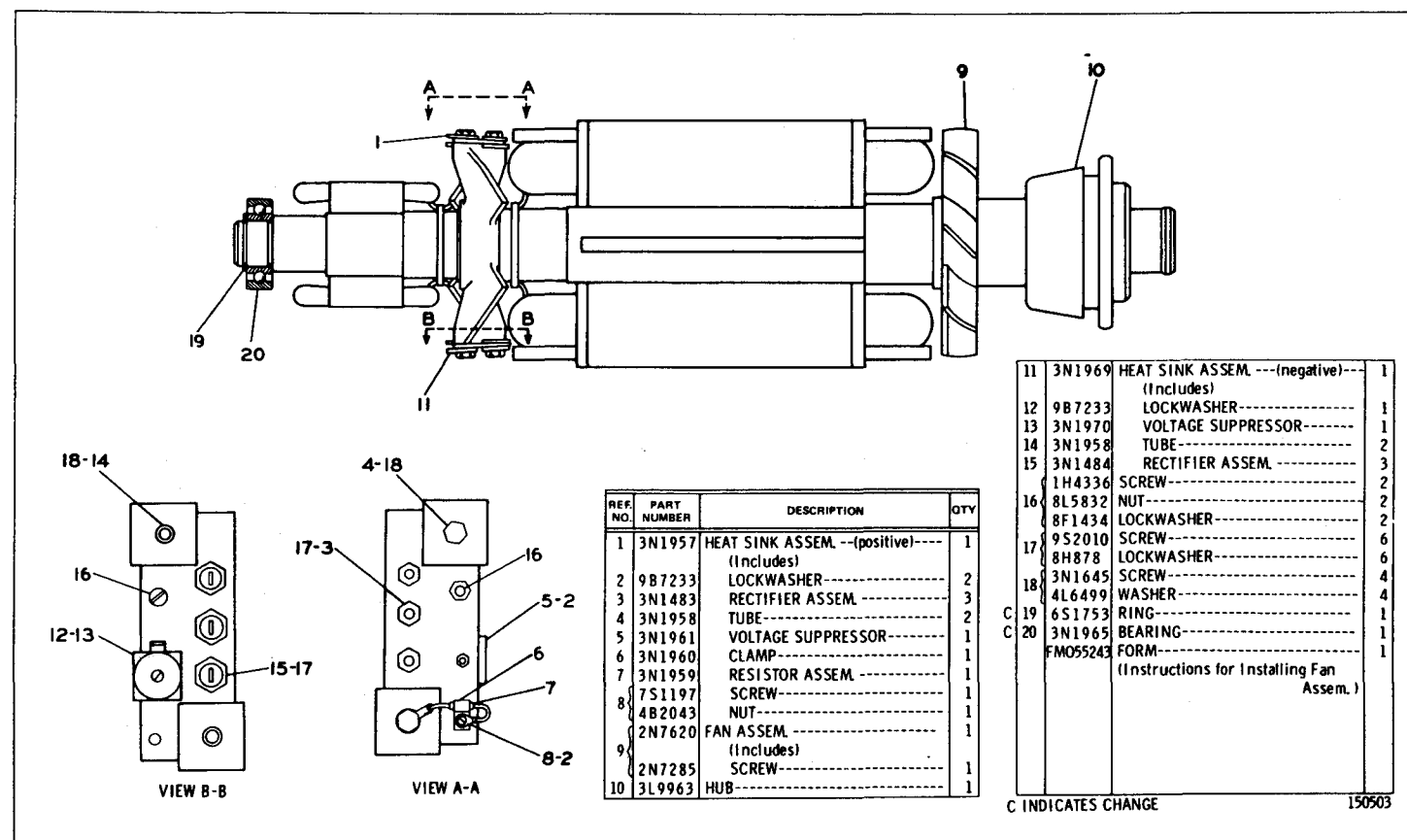
11	3N1969	HEAT SINK ASSEM. --(negative)---	1
		(Includes)	
12	9B7233	LOCKWASHER-----	1
13	3N1970	VOLTAGE SUPPRESSOR-----	1
14	3N1958	TUBE-----	2
15	3N1484	RECTIFIER ASSEM.-----	3
	1H4336	SCREW-----	2
16	8L5832	NUT-----	2
	8F1434	LOCKWASHER-----	2
	9S2010	SCREW-----	6
17	8H878	LOCKWASHER-----	6
	3N1645	SCREW-----	4
18	4L6499	WASHER-----	4
C 19	3N1965	BEARING-----	1
C 20	6S1753	RING-----	1
	FMO4243	FORM-----	1
		(Instructions for Installing Fan Assem.)	

C INDICATES CHANGE

150028

3N9112 ROTOR ASSEMBLY
Part of 5N21 and 5N22 Generator Assemblies shown on Pages 248B and 252B

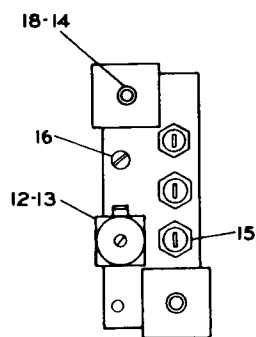
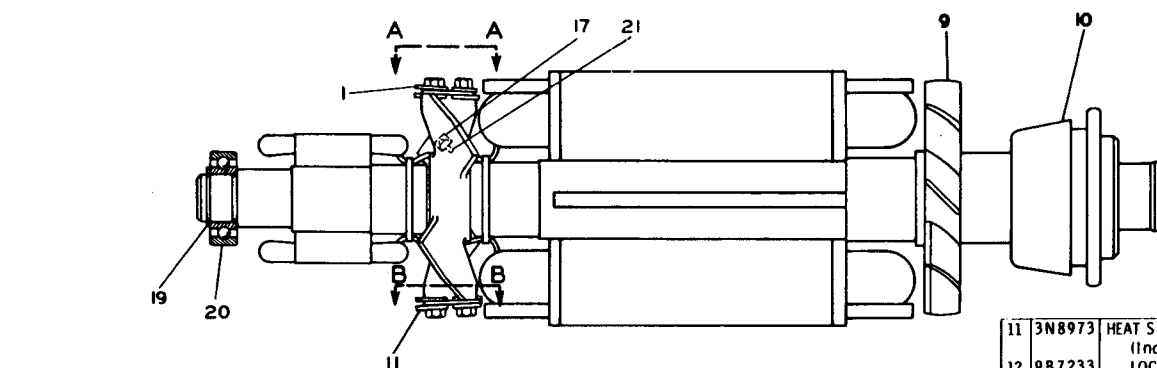




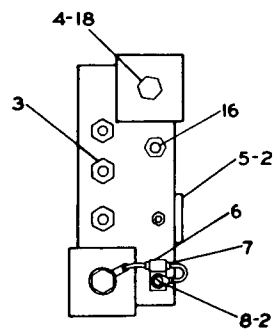
3N6015 ROTOR ASSEMBLY

Only separate parts serviced. When complete group is required order 3N9110 shown on Page 266A
Part of 5N17, 5N18, 5N19 and 5N3 Generators shown on Pages 232, 236, 244 and 250

3N9110 ROTOR ASSEMBLY
 Part of 5N17, 5N18, 5N19 and 5N3 Generators shown on Pages 232B, 236D, 244D and 250F



VIEW B-B
NEGATIVE HEAT SINK

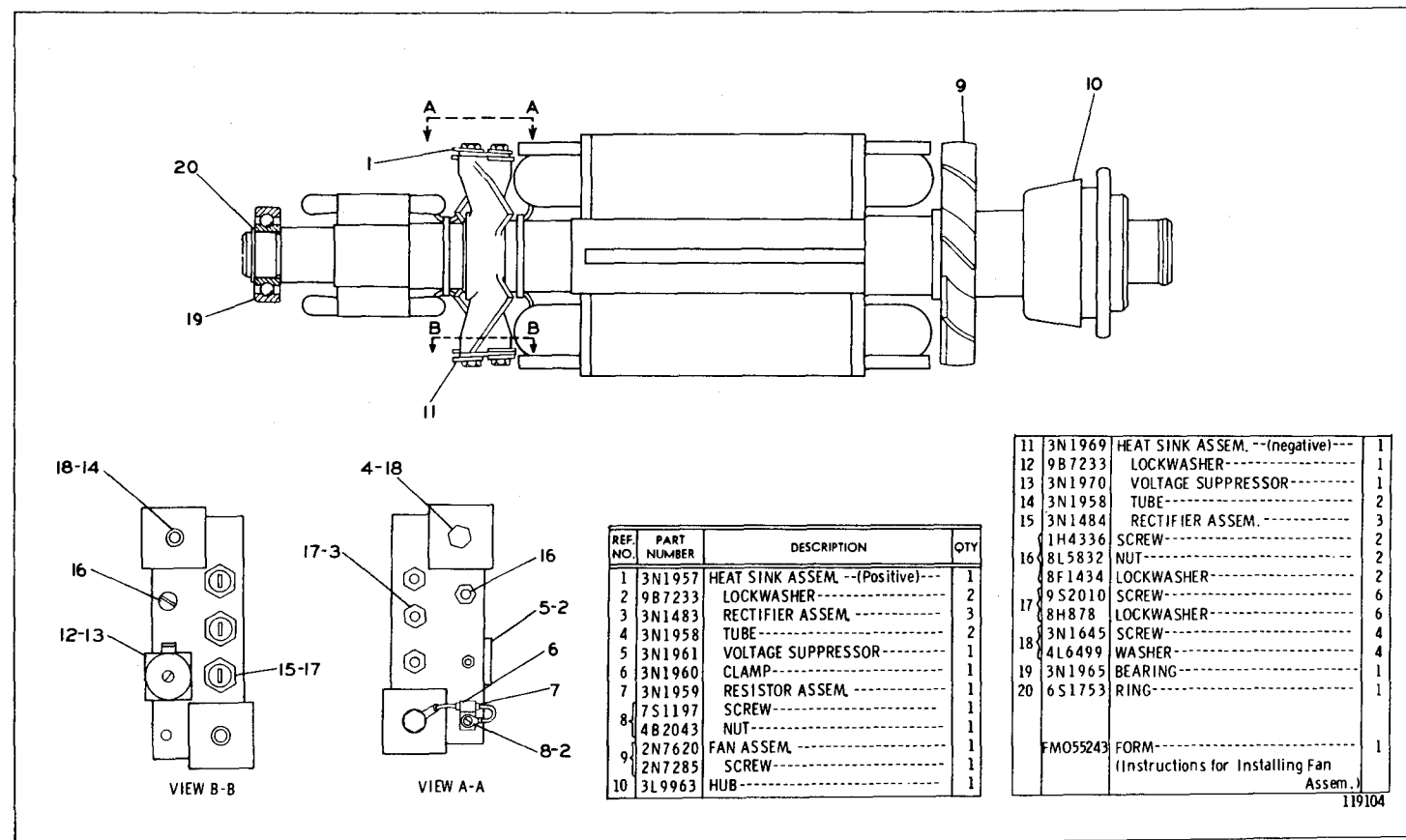


VIEW A-A
POSITIVE HEAT SINK

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N8972	HEAT SINK ASSEM. --(positive)--- (Includes)	1
2	9B7233	LOCKWASHER-----	2
3	3N8968	RECTIFIER ASSEM.-----	3
4	3N1958	TUBE-----	2
5	3N1961	VOLTAGE SUPPRESSOR-----	1
6	3N1960	CLAMP-----	1
7	3N1959	RESISTOR ASSEM.-----	1
8	7S1197	SCREW-----	1
9	4B2043	NUT-----	1
10	2N7620	FAN ASSEM.----- (Includes)	1
11	2N7285	SCREW-----	1
12	3L9963	HUB-----	1

11	3N8973	HEAT SINK ASSEM. --- (negative) --- (Includes)	1
12	9B7233	LOCKWASHER-----	1
13	3N1970	VOLTAGE SUPPRESSOR-----	1
14	3N1958	TUBE-----	2
15	3N8969	RECTIFIER ASSEM.-----	3
16	1H4336	SCREW-----	2
17	8L5832	NUT-----	2
18	8F1434	LOCKWASHER-----	2
19	3N9115	STRIP-----	2
20	3N1645	SCREW-----	4
21	4L6499	WASHER-----	4
	6S1753	RING-----	1
	3N1965	BEARING-----	1
	3D9799	MACHINE SCREW-----	4
	9B7233	LOCKWASHER-----	4
	FMO55243	FORM----- (Instructions For Installing Fan Assem.)	1

A98 J. SWANK



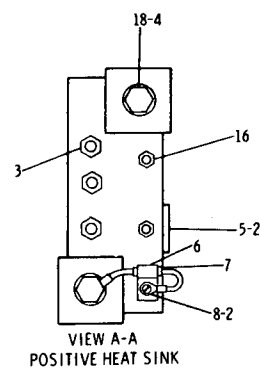
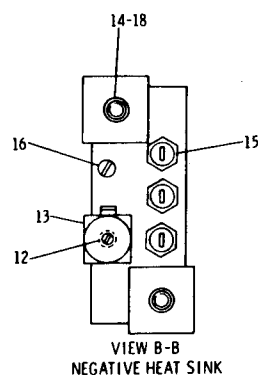
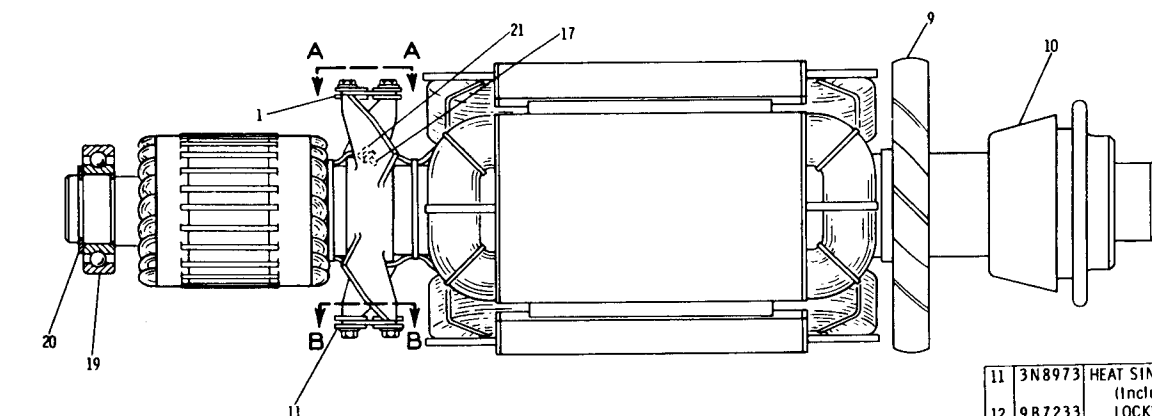
119104

3N7093 ROTOR ASSEMBLY

Only separate parts serviced. When complete group is required order 3N9111 shown on Page 266C
Part of 5N27, 5N28 and 5N29 Generators shown on Pages 248D, 248H and 248M

3N9111 ROTOR ASSEMBLY

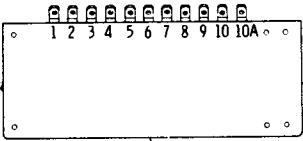
Part of 5N27, 5N28 and 5N29 Generators shown on Pages 248D, 248H and 248M



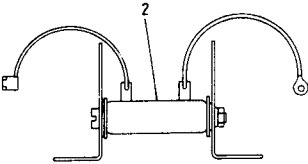
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	3N8972	HEAT SINK ASSEM. ---(positive)---	1
2	9B7233	LOCKWASHER-----	2
3	3N8968	RECTIFIER ASSEM.-----	3
4	3N1958	TUBE-----	2
5	3N1961	VOLTAGE SUPPRESSOR-----	1
6	3N1960	CLAMP-----	1
7	3N1959	RESISTOR ASSEM.-----	1
8	7S1197	SCREW-----	1
8	4B2043	NUT-----	1
9	2N7620	FAN ASSEM.-----	1
9	2N7285	SCREW-----	1
10	3L9963	HUB-----	1

11	3N8973	HEAT SINK ASSEM. ---(negative)---	1
12	9B7233	LOCKWASHER-----	1
13	3N1970	VOLTAGE SUPPRESSOR-----	1
14	3N1958	TUBE-----	2
15	3N8969	RECTIFIER ASSEM.-----	3
16	1H4336	SCREW-----	2
16	8L5832	NUT-----	2
17	8F1434	LOCKWASHER-----	2
17	3D9799	SCREW-----	4
18	9B7233	LOCKWASHER-----	4
18	3N1645	SCREW-----	4
19	4L6499	WASHER-----	4
19	3N1965	BEARING-----	1
20	6S1753	RING-----	1
21	3N9115	STRIP----- (terminal)-----	2
	FMO44243	FORM-----	1
		(Instructions for Installing Fan Assem.)	

A172 J. SWANK



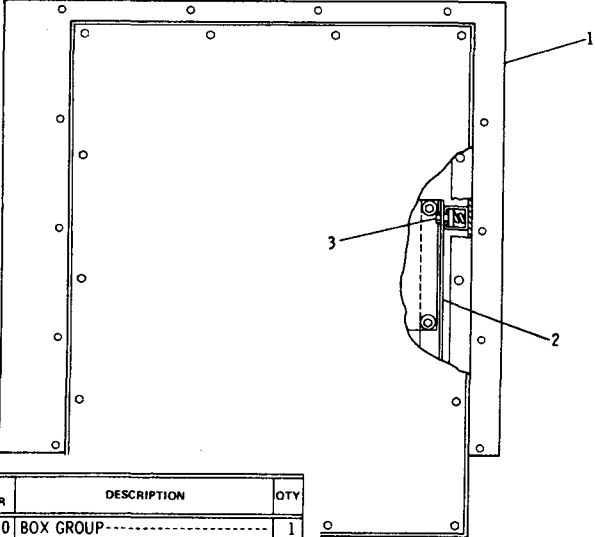
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N6095	REGULATOR ASSEM.	1
2	3N6097	RESISTOR ASSEM.	1
▲	3N6098	WIRING DIAGRAM.....	1



▲ NOT SHOWN

117909

3N6094 EXCITER MODIFICATION SERVICE GROUP
FOR USE WITH 2N7749 AND 2N7052 EXCITER AND REGULATOR ASSEMBLIES
SHOWN ON PAGES 258 THROUGH 261. AN ATTACHMENT

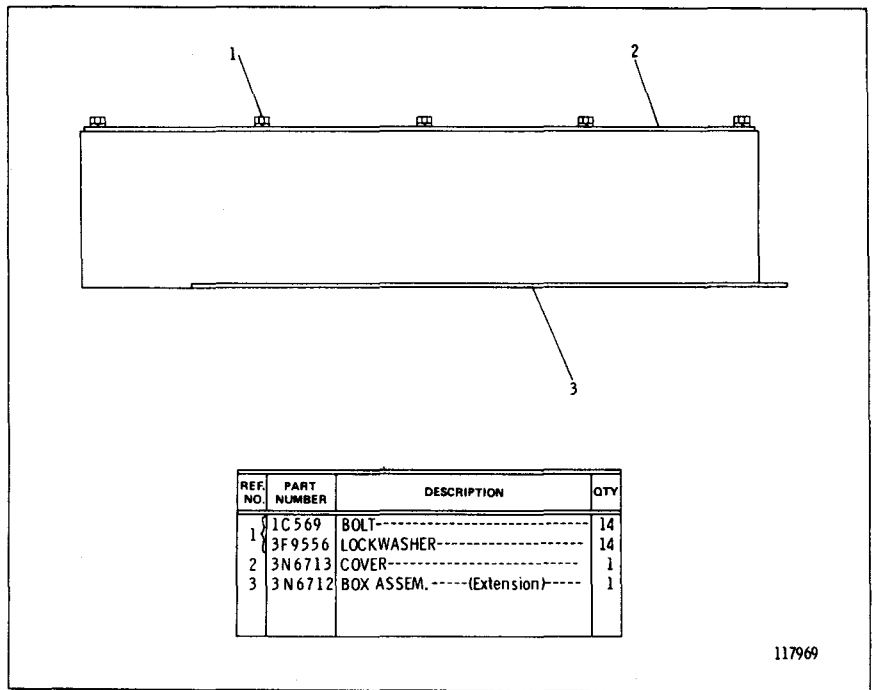


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N6710	BOX GROUP..... (Separate Illustration)	1
2	3N7308	CONNECTION ASSEM.	1

5	S509	BOLT.....	4
3	3N6734	NUT.....	4
9	F5644	LOCKWASHER.....	4

155570

3N5566 GENERATOR CONNECTION BOX GROUP
FOR USE WITH SP4 GENERATORS. 3N6710 Terminal box code not shown



3N6710 EXTENSION TERMINAL BOX GROUP
 FOR USE WITH STAND-BY ELECTRIC SET. Part of 3N5566 Generator Connection Box
 Group shown on Page 267. Only separate parts serviced. AN ATTACHMENT

Diagram illustrating the assembly of a base assembly, showing various components and their quantities.

Part List:

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5F6273	NIPPLE-----	3
2	3S708	HOSE-----	1
3	3N7449	BASE ASSEM.-----	1

Additional Part List:

REF. NO.	PART NUMBER	DESCRIPTION	QTY
4	1A1135	BOLT-----	6
4	1D4720	NUT-----	6
4	4D3704	WASHER-----	12
5	8M4432	SEAL-----	1
5	1S3889	WASHER-----	1

Additional Part List:

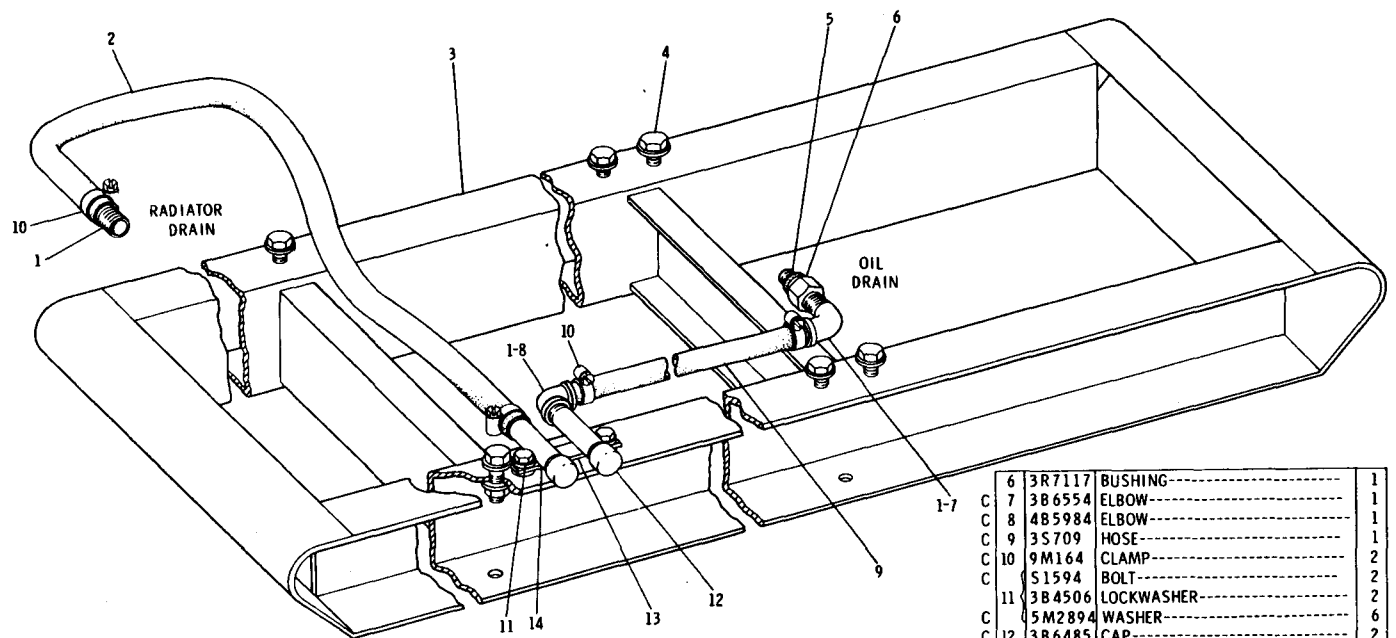
REF. NO.	PART NUMBER	DESCRIPTION	QTY
6	3R7117	BUSHING-----	1
7	3B6554	ELBOW-----	1
8	4B5984	ELBOW-----	1
9	5P181	HOSE----- 23.57 cm (9.28 in.)	1
10	9M164	CLAMP-----	2
11	S1594	BOLT-----	2
11	3B4506	LOCKWASHER-----	2
11	5M2894	WASHER-----	6
12	3B6485	CAP-----	2
13	3N5599	DRAIN ASSEM.-----	1
14	2D2460	NIPPLE-----	2

Notes:

- C INDICATES CHANGE
- ▲ ORDER BY THE CENTIMETRE

157634

3N6267 BASE GROUP
FOR USE WITH STAND-BY ELECTRIC SET. AN ATTACHMENT



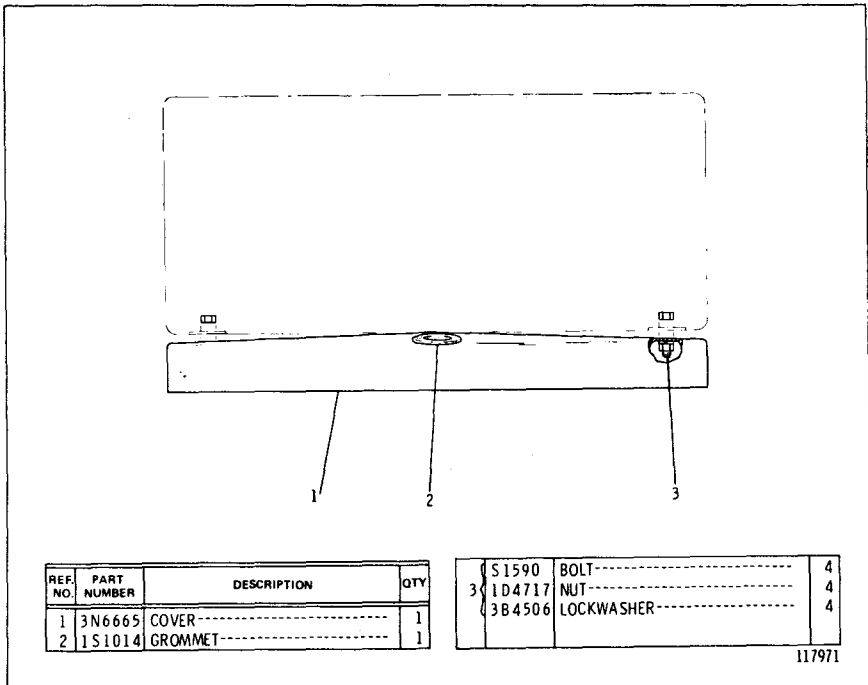
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	5F6273	NIPPLE-----	3
C 2	3S708	HOSE-----	1
C 3	3N7449	BASE ASSEM.-----	1

1A1135	BOLT-----	6
1D4720	NUT-----	6
3B4510	LOCKWASHER-----	6
2S7593	WASHER-----	12
8M4432	SEAL-----	1
1S3889	WASHER-----	1

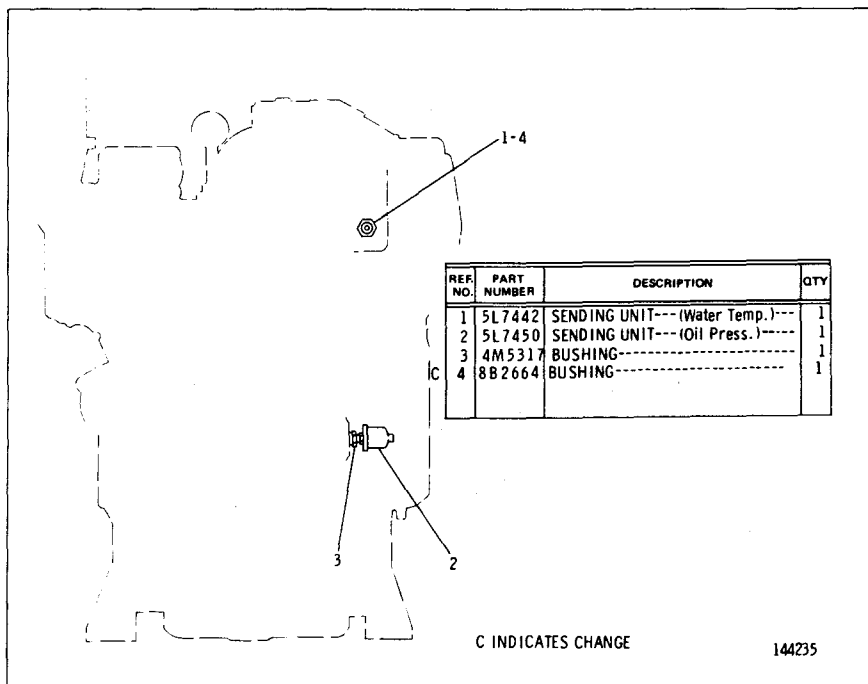
6	3R7117	BUSHING-----	1
C 7	3B6554	ELBOW-----	1
C 8	4B5984	ELBOW-----	1
C 9	3S709	HOSE-----	1
C 10	9M164	CLAMP-----	2
C 11	51594	BOLT-----	2
C 12	3B4506	LOCKWASHER-----	2
C 13	5M2894	WASHER-----	6
C 14	3B6485	CAP-----	2
C 15	3N5599	DRAIN ASSEM.-----	1
		(Includes)	
	2D2460	NIPPLE-----	2

C INDICATES CHANGE

150083



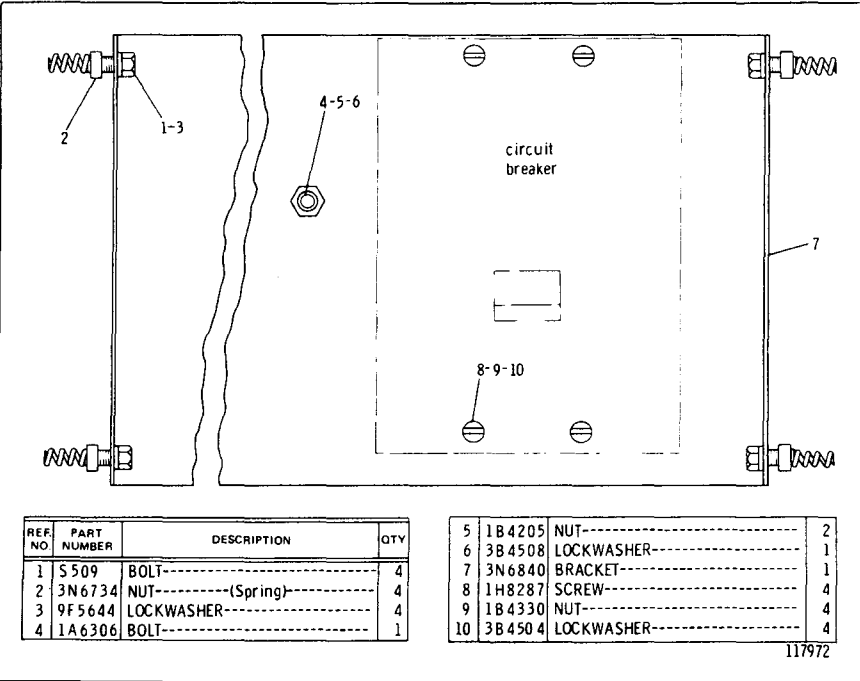
3N7053 CONTROL PANEL MOUNTING GROUP
FOR USE WITH STAND-BY ELECTRIC SET. AN ATTACHMENT
Only separate parts serviced



3N6998 SENDER GROUP
FOR USE WITH STAND-BY ELECTRIC SET. AN ATTACHMENT

		CONSISTS OF:	PAGE
1	3N7051	MOUNTING GROUP.....	271
3	3N6701	LINE EXTENSION CABLE ASSEMBLY	
		CONSISTING OF:	
1	3N6698	TERMINAL	
*18"	4S8783	CABLE	
3	3N7724	LINE EXTENSION CABLE ASSEMBLY	
		CONSISTING OF:	
1	301708	TERMINAL	
41 CM.	5P2311	CABLE	
1	3N6702	NEUTRAL EXTENSION CABLE ASSEMBLY	
		CONSISTING OF:	
1	3N6698	TERMINAL	
1	3N6699	TERMINAL	
*18"	4S8783	CABLE	
1	3N7723	NEUTRAL EXTENSION CABLE ASSEMBLY	
		CONSISTING OF:	
1	301708	TERMINAL	
41 CM.	5P2311	CABLE	
1	3N6678	CIRCUIT BREAKER-300 AMPERES	
1	3N6680	CIRCUIT BREAKER-500 AMPERES-DEERATED ENGINE	
1	3N6681	CIRCUIT BREAKER-600 AMPERES	
1	3N7555	CIRCUIT BREAKER-225 AMPERES-DEERATED ENGINE	
1	3N7558	CIRCUIT BREAKER-450 AMPERES-DEERATED ENGINE	
1	3N6711	EXTENSION BOX COVER	
*ORDER BY THE FOOT			

CIRCUIT BREAKERS
FOR USE WITH STAND-BY ELECTRIC SET. AN ATTACHMENT



3N7051 CIRCUIT BREAKER MOUNTING GROUP
FOR USE WITH STAND-BY ELECTRIC SET. AN ATTACHMENT

ENGINE ARRANGEMENT	GASKET KITS				
	BASIC ENGINE OVERHAUL	SUPPLEMENT ENGINE OVERHAUL	VALVE GRINDING	WATER PUMP	SLEEVE METERING FUEL SYSTEM
4N4209	5P3990	5P4568	5P1939	5P1937	6N1133
4N9961	5P3990	5P4568	5P1939	5P1937	6N1133
4N9962	5P3990	5P4568	5P1939	5P1937	6N1133
6N1309	5P3990	5P3568	5P1939	5P1937	6N1133
6N1108	5P3990	5P4569	5P1940	5P1937	6N1133
6N1109	5P3990	5P4569	5P1940	5P1937	6N1133
3N8100	5P3990	5P5701	5P1939	5P1937	6N1133
6N3323	5P3990	5P5578	5P5579	5P1937	6N1133
6N3743	5P3990	5P5702	5P5703	5P1937	6N1133
6N5917	5P3990	5P7157	5P5703	5P1937	6N1133

GASKET KITS

Consists of:

CYLINDER HEAD PARTS

1 5P1939 Gasket Kit—Valve Grinding

VALVE PARTS

6 2A4429 Lock
3 2P1262 Guide
3 5S5874 Rotocoil Assembly
1 7S6767 Valve—Inlet
3 7S7144 Spring
2 7S8809 Valve—Exhaust

PISTON PARTS—POWER

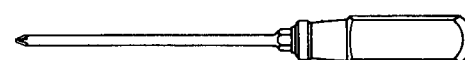
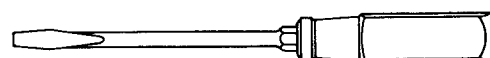
1 9L5854 Band—Filler—Liner to Block
1 4M2969 Gasket—Oil Pan
1 8M6487 Pin—Connecting Rod to Piston
1 4N6258 Bearing—Connecting Rod
2 1P9956 Bolt—Connecting Rod
2 6N8940 Plate—Thrust
2 1S9543 Retainer
2 2S5658 Washer—Bearing Cap—Main
1 3S9730 Bearing—Main Crankshaft
2 5S6348 Nut—Connecting Rod
3 5S6670 Seal—Cylinder Liner to Block
2 7S3224 Bolt—Bearing Cap—Main
1 7S9348 Bearing—Connecting Rod
1 8S1965 Gasket—Oil Pan
1 9S3068 Ring Group—Piston—Parts Service

FUEL SYSTEM PARTS

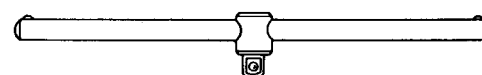
3 5H7225 Nut—To Valve
1 4N9941 Line Assembly
1 4N9942 Line Assembly
1 4N9943 Line Assembly
1 4N9944 Line Assembly
1 4N9945 Line Assembly
1 4N9946 Line Assembly
1 6N7527 Pump Assembly—Fuel Injection
3 7S9891 Service Group—Fuel Valve
3 8S2389 Body

9S7977 TOOL GROUP

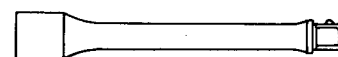
8F9866 Grease Gun parts are shown on Page 274. AN ATTACHMENT

9S1738 SCREWDRIVER
NO. 2 PHILLIPS

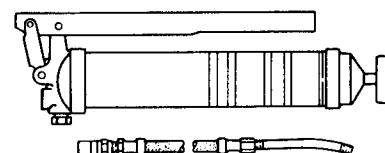
1F1157 SCREWDRIVER



5S9566 WRENCH



5S9567 EXTENSION

8F9866 GREASE GUN (Lever)
(See Separate Illustration)

2P8250 STRAP WRENCH ASSEM.



5S9569 SOCKET



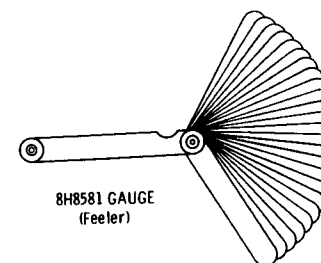
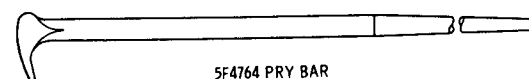
5S9568 SOCKET



C 5P1763 SOCKET



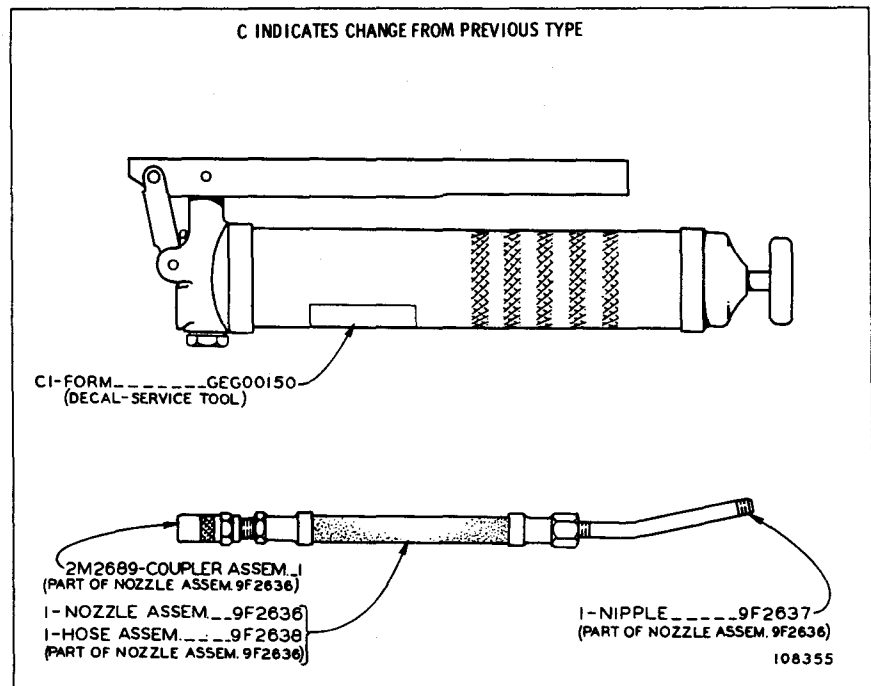
8H8503 WRENCH (5/16" Opening)
 8H8505 WRENCH (3/8" Opening)
 8H8513 WRENCH (7/8" Opening)
 8H8508 WRENCH (9/16" Opening)
 8H8509 WRENCH (5/8" Opening)
 8H8511 WRENCH (3/4" Opening)
 8H8515 WRENCH (1" Opening)

8H8581 GAUGE
(Feeler)

5F4764 PRY BAR

C INDICATES CHANGE

201200



8F9866 GREASE GUN
Part of 9S7977 Tool Group shown on Page 273

QUANTITY USED	PART NUMBER	DESCRIPTION
1	6N228	PLATE--CAUTION AND INFORMATION
6	7B3028	DRIVE SCREWS
1	1H3040	TRANSFER--SAFETY ON DASH OR GUARDS WHEN USED
1	1M4898	TRANSFER--FILTER INSTRUCTIONS ON OIL FILTER COVER
1	7M2214	TRANSFER--AIR CLEANER INSTRUCTIONS ON SIDE OF DIESEL AIR CLEANER
1	4N9352	TRANSFER--3306 CATERPILLAR
1	1S9547	TRANSFER--CRANKCASE INSTRUCTIONS ON OIL FILTER OR OPEN SPACE NEAR OIL FILLER

TRANSFERS

RELATED REPAIR ITEMS

**1P2305 ELECTRIC TERMINAL KIT**

(Insulated)
(Includes terminals, wire joints
and crimping tool)

9S3138 SEAL KIT

(Includes 28 metal-backed seals)

Qty.	Nominal Size	Part No.
2	1/2 inch (1,27 cm)	5J1583
6	3/4 inch (1,905 cm)	6J3575
6	1 inch (2,54 cm)	6J3600
6	1 1/4 inch (3,175 cm)	6J3625
4	1 1/2 inch (3,81 cm)	6J3650
4	2 inches (5,08 cm)	6J3800

9S3135 SEAL KIT

(Includes 60 rubber O-ring seals)

Qty.	Nominal Size	Part No.
10	1/2 inch (1,27 cm)	4J5140
10	3/4 inch (1,905 cm)	4J5267
10	1 inch (2,54 cm)	4J0520
10	1 1/4 inch (3,175 cm)	4J0522
10	1 1/2 inch (3,81 cm)	4J0524
10	2 inches (5,08 cm)	4J0527

THREADED INSERTS KITS

Master (Includes inserts and tools)

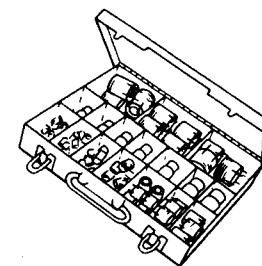
Coarse	Fine	Size
9S3700	9S3500	Assorted

Repair (Includes inserts and tools)

9S3510	9S3509	#10
9S3512	9S3511	1/4
9S3514	9S3513	5/16
9S3618	9S3515	3/8
9S3620	9S3619	7/16
9S3622	9S3621	1/2
9S3624	9S3623	9/16
9S3626	9S3625	5/8
9S3628	9S3627	3/4
9S3630	9S3629	7/8
9S3632	9S3631	1
9S3633		1 1/8
9S3635		1 1/4
9S3637		1 1/2

Refill (Includes inserts)

9S3674	9S3673	#10
9S3649	9S3639	1/4
9S3650	9S3640	5/16
9S3651	9S3641	3/8
9S3652	9S3642	7/16
9S3653	9S3643	1/2
9S3654	9S3644	9/16
9S3655	9S3645	5/8
9S3656	9S3646	3/4
9S3657	9S3647	7/8
9S3658	9S3648	1
9S3675		1 1/8
9S3677		1 1/4
9S3679		1 1/2

**HARDWARE ASSORTMENT KITS**

8S7198 Course Thread Hex Nut
8S7197 Fine Thread Hex Nut
8S7196 Lockwasher Assortment
8S7195 Flatwasher Assortment
8S7193 Woodruff Key Assortment

139338

SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

Weight, Shipping (Approximate) 1940 lbs.

DIMENSIONS

Length	49.9"
Width	33.0"
Height	39.4"

CAPACITIES

Lubrication: Engine: Full Pressure System, Gear Type Pump.

Crankcase Capacity (Including Filter)	7.25 U.S. Gal.
Cooling System without Radiator	5.3 U.S. Gal.
Cooling System with Radiator	14 U.S. Gal.

STARTING METHOD

12 volt or 24 volt direct electric starting, hydraulic or air starting systems are available.

ATTACHMENTS

Additional equipment such as Glow Plugs, Safety Devices, Air Cleaner, Charging Generators, Radiators, Heat Exchangers, etc., are available at extra cost. Consult your "Caterpillar" Dealer.

MACHINE SERIAL NUMBER PLATE LOCATION

Serial number plate is located on the left-hand side of the cylinder block.

CARACTÉRISTIQUES

(PEUVENT ÊTRE MODIFIÉES SANS PRÉAVIS)

Poids (approx.), en ordre d'expédition 880 kg

DIMENSIONS

Longueur	1270 mm
Largeur	840 mm
Hauteur	1000 mm

CONTENANCES

Graissage sous pression du moteur; pompe à huile à engrenages. Circuit de graissage du moteur (filtre compris)	28 litres
Circuit de refroidissement sans radiateur	20 litres
Circuit de refroidissement avec radiateur	53 litres

DÉMARRAGE

Démarrreur électrique direct 12 ou 24 volts, démarrage hydraulique ou à air comprimé (à spécifier).

ÉQUIPEMENTS

Les équipements tels que bougies de départ, dispositifs de sécurité, filtre à air, alternateur de charge, radiateurs, échangeurs de température, etc., sont facultatifs et facturés en sus. Consulter le concessionnaire Caterpillar.

EMPLACEMENT DU NUMÉRO DE SÉRIE

La plaque portant le numéro de série est située du côté gauche du bloc-cylindres.

ESPECIFICACIONES

(SUJETAS A CAMBIO SIN PREVIO AVISO)

Peso de embarque aproximado 880 kg

DIMENSIONES

Large	1270 mm
Ancho	840 mm
Alto	1000 mm

CAPACIDADES

Lubricación del motor: Sistema de presión total, con bomba de engranajes. Capacidad del cárter (incluyendo el filtro)	28 litros
Sistema de enfriamiento sin radiador	20 litros
Sistema de enfriamiento con radiador	53 litros

METODO DE ARRANQUE

Se suministra motor de arranque eléctrico directo de 24 voltios, arranque hidráulico o arranque por aire.

ACCESORIOS

Equipo adicional como bujías incandescentes, dispositivos de seguridad, filtros de aire, generadores, radiadores, intercambiadores de calor, etc., se suministran a costo adicional. Consulte al distribuidor de Caterpillar.

UBICACION DE LA PLACA CON EL NUMERO DE SERIE DE LA MAQUINA

La placa con el número de serie está colocada en el lado izquierdo del bloque del motor.

ESPECIFICAÇÕES

(SUJEITAS A ALTERAÇÕES SEM AVISO PRÉVIO)

Peso de embarque, aproximado 880 kg

DIMENSÕES

Comprimento 1270 mm
Largura 840 mm
Altura 1000 mm

QUANTIDADES CONTIDAS

Cárter do motor, inclusive filtro (sistema de lubrificação
todo sob pressão, com bomba de engrenagens) 28 litros
Sistema de arrefecimento: sem radiador 20 litros
com radiador 53 litros

MÉTODO DE PARTIDA

Elétrico direto, de 12 ou 24 Volts, a ar comprimido ou hidráulico, a
escolher.

ACESSÓRIOS

Existem disponíveis equipamentos extras tais como velas de aquecimento,
dispositivos de segurança, purificador de ar, alternador, radiadores, etc.
Consulte o revendedor Caterpillar.

SITUAÇÃO DO NÚMERO DE SÉRIE

A placa do número de série fica na esquerda do bloco.

TECHNISCHE DATEN

(UNVERBINDLICH, ÄNDERUNGEN VORBEHALTEN)

Versandgewicht, etwa 880 kg

ABMESSUNGEN

Länge	1270 mm
Breite	840 mm
Höhe	1000 mm

FÜLLMENGEN

Schmierung: Motor: Volldrucksystem, Zahnradpumpe

Kurbelgehäuse (einschliesslich Filter)	28 l
Kühlsystem ohne Kühlernetz	20 l
Kühlsystem mit Kühlernetz	53 l

STARTANLAGEN

12 V oder 24 V elektrischer Direktanlasser, Hydraulik- oder Druckluftstartanlagen sind erhältlich.

ZUBEHÖR

Zusätzliche Ausrüstung wie Glühkerzen, Sicherheitsvorrichtungen, Luftreiniger, Drehstromlichtmaschinen, Kühlernetze, Wärmeaustauscher usw. sind gegen Aufpreis erhältlich. Fragen Sie Ihren Caterpillar-Händler.

LAGE DER SERIENNUMMERNSCHILDER

Das Seriennummernschild befindet sich links am Motorblock.

PRINTED IN U.S.A.

FORM UEG0895S

