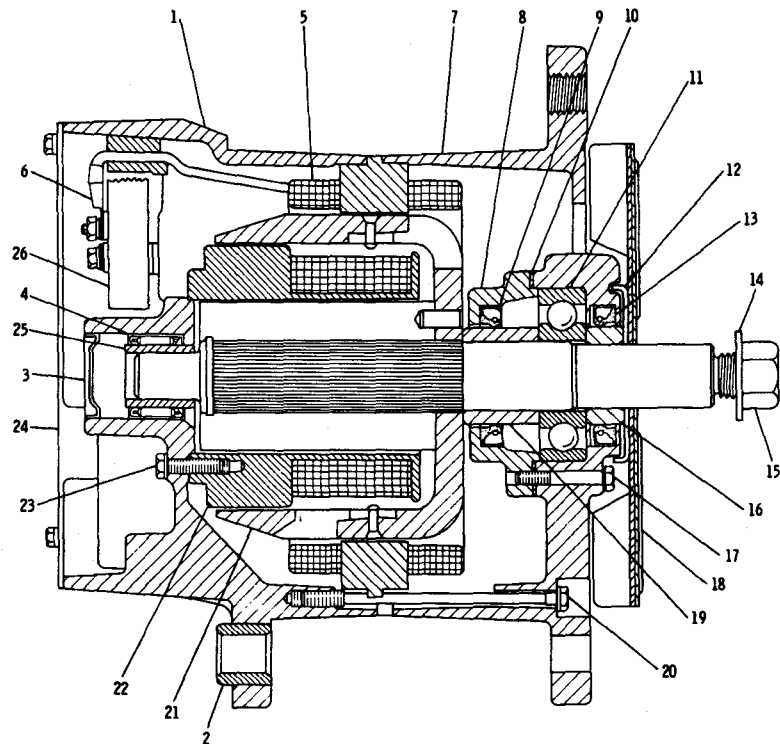




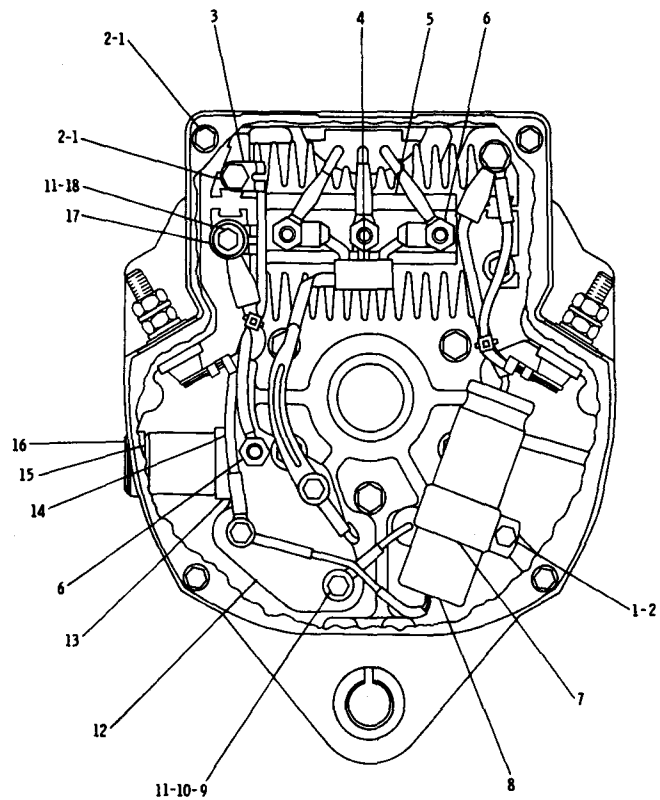
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N1876	HOUSING ASSEM. ----- (Includes)	1
2	9S2396	BUSHING-----	1
3	9N943	PLUG-----	1
4	5P3418	BEARING-----	1
5	6N1968	STATOR ASSEM. ----- (Includes)	1
6	9S2014	TERMINAL-----	3
	9N939	GROMMET-----	1
7	2P5616	FRAME-----	1
8	9S2390	RETAINER ASSEM. ----- (Includes)	1
9	9S2391	SEAL-----	1
10	9S2256	GASKET-----	1
11	2F5721	BEARING-----	1
12	9S2252	SLINGER-----	1
13	9S2391	SEAL-----	1
14	7F7621	WASHER-----	1

15	2K4821	NUT-----	1
16	9S2254	COLLAR-----	1
17	9S2008	SCREW-----	4
18	9S2258	FAN-----	1
19	9S2261	COLLAR-----	1
20	9S2009	BOLT-----	4
21	9S2302	ROTOR ASSEM. -----	1
22	6N1945	FIELD COIL-----	1
C 23	9S2007	SCREW-----	5
24	9N942	PLATE-----	1
25	5P3419	RACE-----	1
26	9N937	RECTIFIER ASSEM. -----	1
C	THE FOLLOWING REPAIR KITS ARE AVAILABLE: 6N1875 KIT----- (terminal) (Includes Terminal and Load, Bushing, Washers, Nuts and Lockwashers)		1

C INDICATES CHANGE

204412

4N3986 ALTERNATOR GROUP—24 Volt, 60 Ampere—Part 1
Part of 3N4667 Alternator Group shown on Page 187

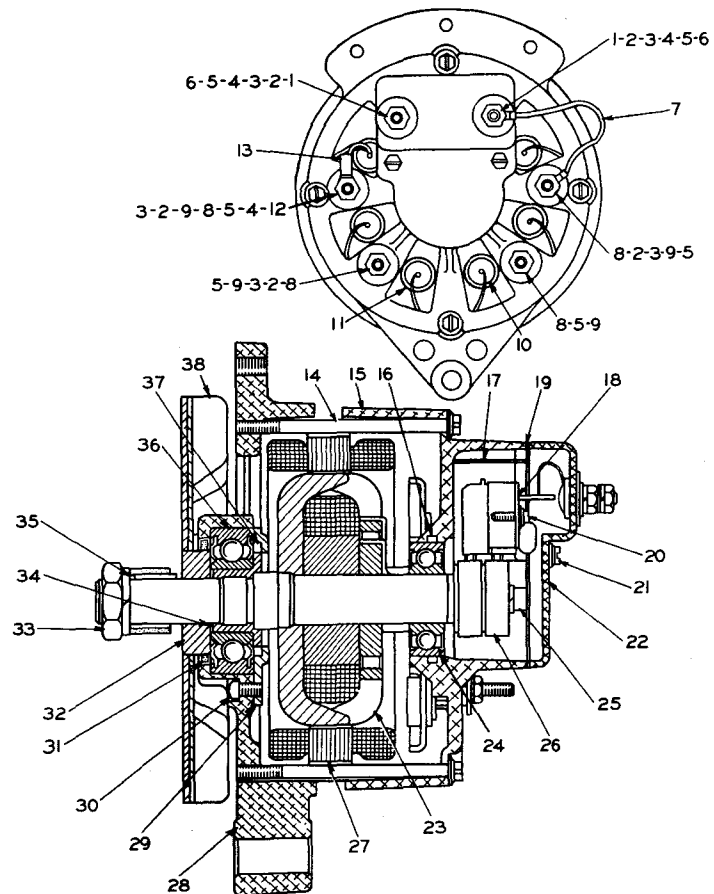


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S2544	SCREW-----	7
2	8H878	LOCKWASHER-----	7
3	6N1871	LEAD ASSEM.-----	1
4	6N1944	DIODE ASSEM.-----	1
5	9N941	INSULATOR-----	2
6	6N1869	NUT ASSEM.-----	4
7	6N1925	BRACKET-----	1
8	6N1946	CAPACITOR-----	1
9	6N1872	SCREW ASSEM.-----	3
10	9N938	WASHER---.062 in. (1.57 mm) thick	3
11	3H240	WASHER---.031 in. (.79 mm) thick	5
12	6N1874	REGULATOR ASSEM.-----	1

13	9N940	BOOT-----	1
14	6N1873	LEAD ASSEM.-----	1
15	9L6772	CONNECTOR-----	1
16	9L6771	CAP-----	1
17	8M6701	WASHER-----	3
18	6N1856	BUSHING-----	4
	6N1870	SCREW ASSEM.-----	2

202839

4N3986 ALTERNATOR GROUP—24 Volt, 60 Ampere—Part 2
Part of 3N4667 Alternator Group shown on Page 187



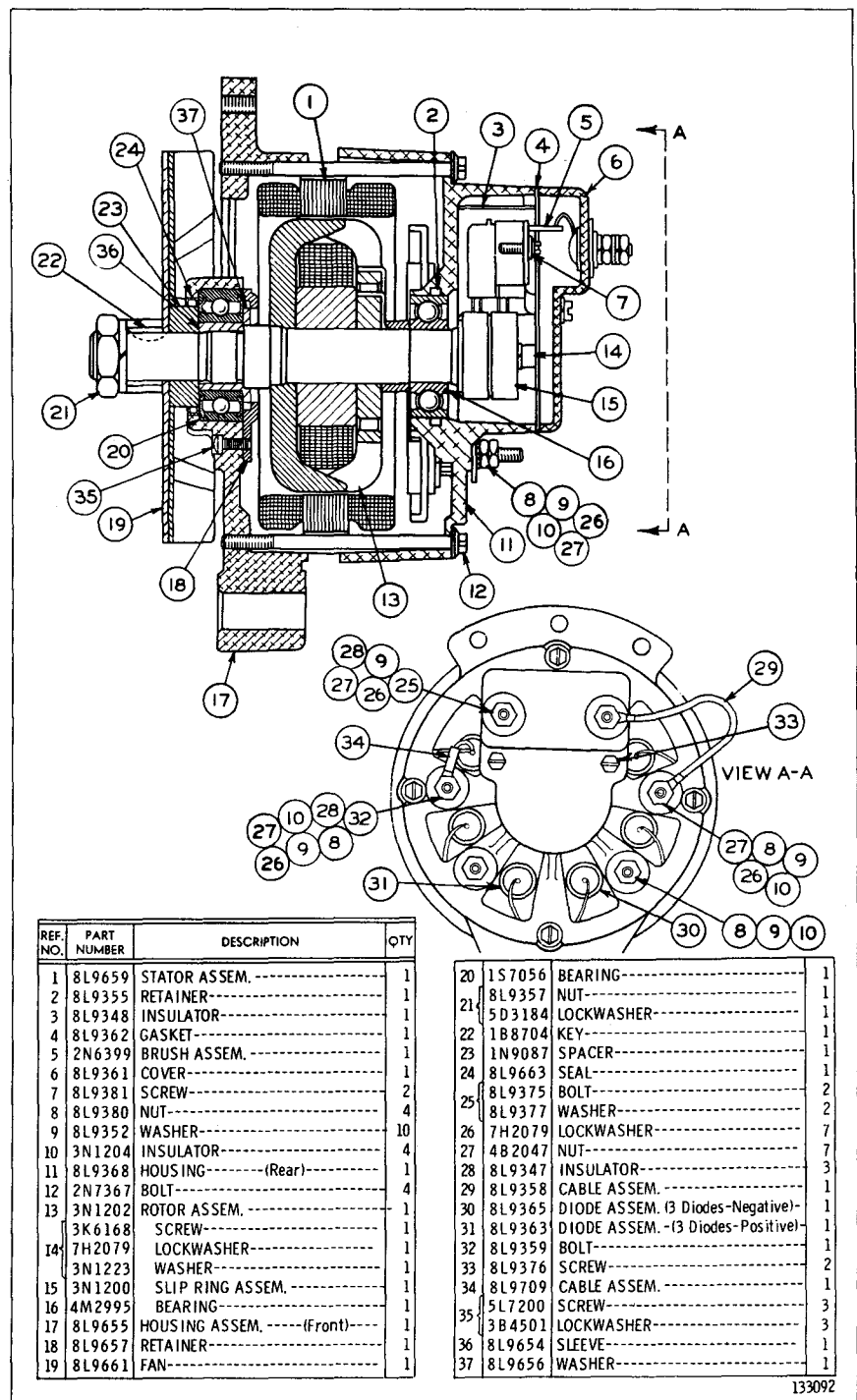
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8L9375	BOLT-----	2
2	4B2047	NUT-----	7
3	7H2079	LOCKWASHER-----	7
4	8L9347	INSULATOR-----	3
5	8L9352	WASHER-----	10
6	8L9377	WASHER-----	2
7	8L9358	CABLE ASSEM.-----	1
8	8L9380	NUT & LOCK ASSEM.-----	4
9	3N1204	INSULATOR-----	4
10	8L9365	DIODE ASSEM.-(3 Diodes-Negative)-----	1
11	8L9363	DIODE ASSEM.-(3 Diodes-Positive)-----	1
12	8L9359	BOLT-----	1
13	8L9709	CABLE ASSEM.-----	1
14	2N7367	BOLT-----	4
15	8L9368	HOUSING------(Rear)-----	1
16	8L9355	RETAINER-----	1
17	8L9348	INSULATOR-----	1
18	2N6399	BRUSH ASSEM.-----	1
19	8L9362	GASKET-----	1
20	8L9381	SCREW-----	2
21	8L9376	SCREW-----	2

22	8L9361	COVER-----	1
23	3N1203	ROTOR ASSEM.-----	1
24	4M2995	BEARING-----	1
	3K6168	SCREW-----	1
25	7H2079	LOCKWASHER-----	1
	3N1223	WASHER-----	1
26	3N1200	RING ASSEM.-----	1
	GMG00835	FORM-----	1
(Instructions for Installing Alternator and Brush Kits)			
27	2N7364	STATOR ASSEM.-----	1
28	8L9655	HOUSING------(Front)-----	1
29	8L9657	RETAINER-----	1
	5L7200	SCREW-----	3
30	3B4501	LOCKWASHER-----	3
31	8L9663	SEAL-----	1
32	1N9087	SPACER-----	1
	8L9357	NUT-----	1
33	5D3184	LOCKWASHER-----	1
34	8L9654	SLEEVE-----	1
35	1B8704	KEY-----	1
36	1S7056	BEARING-----	1
37	8L9656	WASHER-----	1
38	8L9661	FAN-----	1

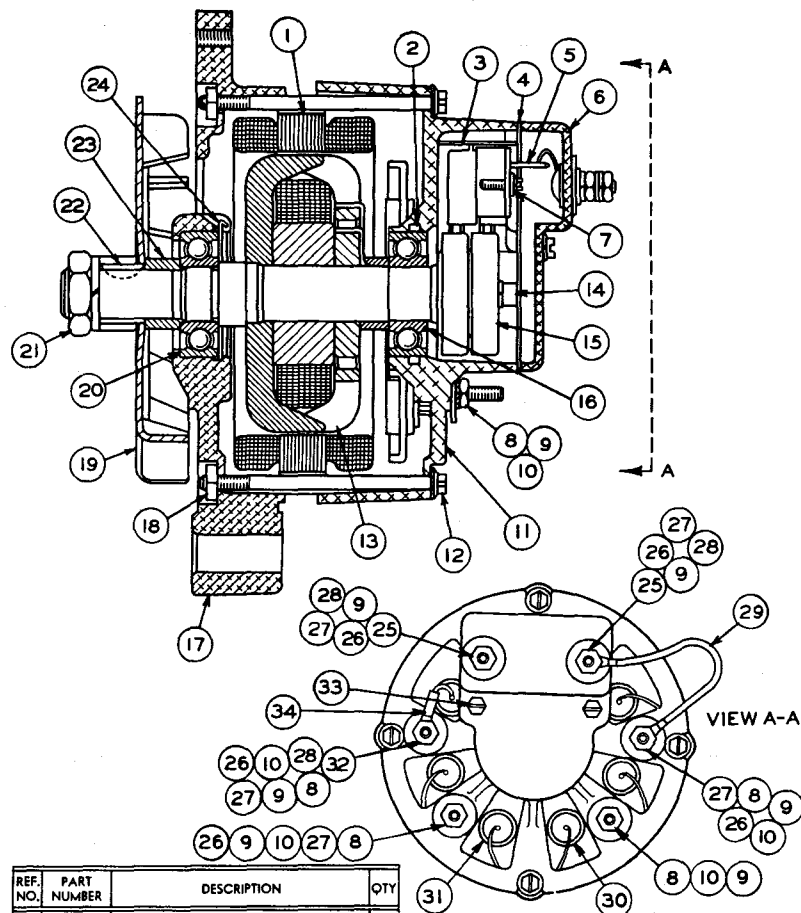
134507

2N7759 ALTERNATOR ASSEMBLY

Part of 4N8778, 3N2708 and 3N2709 Alternator Groups shown on
Pages 180, 181 and 182



2L6398 ALTERNATOR ASSEMBLY—24 Volt
Part of 3N2706 and 3N6986 Alternator Groups shown on Pages 184 and 188



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8L9659	STATOR ASSEM.-----	1
2	8L9355	RETAINER-----	1
3	8L9348	INSULATOR-----	1
4	8L9362	GASKET-----	1
5	2N6399	BRUSH ASSEM.-----	1
6	8L9361	COVER-----	1
7	8L9381	SCREW-----	2
8	8L9380	NUT & LOCK ASSEM.-----	4
9	8L9352	WASHER-----	10
10	3N1204	INSULATOR-----	4
11	8L9368	HOUSING----- (Rear)	1
12	2N7367	BOLT-----	4
13	3N1202	ROTOR ASSEM.-----	1
14	3K6168	SCREW-----	1
15	7H2079	LOCKWASHER-----	1
16	3N1223	WASHER-----	1
17	3N1200	SLIP RING ASSEM.-----	1
18	4M2995	BEARING-----	1
19	GMG00835	FORM-----	1
20		(Instructions for installing Brush)	
21	8L9370	HOUSING----- (Front)	1

22	8L9349	NUT-----	4
23	8L9366	FAN-----	1
24	6D5741	BEARING-----	1
25	8L9357	NUT-----	1
26	5D3184	LOCKWASHER-----	1
27	1B8704	KEY-----	1
28	8L9354	SPACER-----	1
29	8L9353	WASHER-----	1
30	8L9375	BOLT-----	2
31	8L9377	WASHER-----	2
32	7H2079	LOCKWASHER-----	7
33	4B2047	NUT-----	7
34	8L9347	INSULATOR-----	3
35	8L9358	CABLE ASSEM.-----	1
36	8L9365	DIODE ASSEM.----- (Negative)	1
37	8L9363	DIODE ASSEM.----- (Positive)	1
38		(Each consists of 3 Diodes)	
39	8L9359	BOLT-----	1
40	8L9376	SCREW-----	2
41	8L9709	CABLE ASSEM.-----	1

112513

2L6397 ALTERNATOR ASSEMBLY
Part of 3N2707 Alternator Group shown on Page 185

CONSISTS OF:

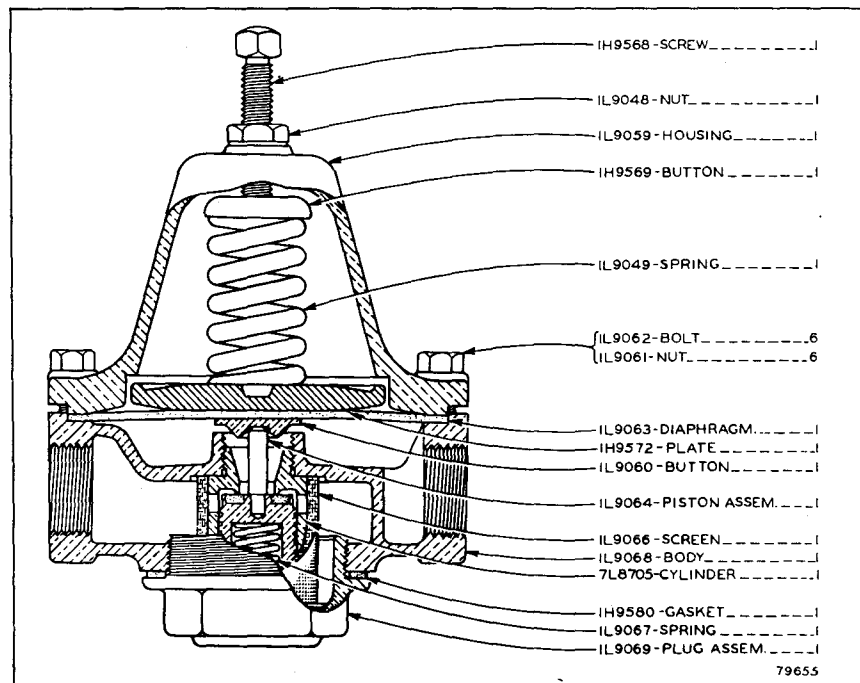
	4S8784	WIRE--(No. 6 GAUGE)--10 FOOT
	4S8773	WIRE--(No. 8 GAUGE)--6 FOOT
2	2L8049	TERMINAL--(No. 10 SCREW)
1	2L8050	TERMINAL--(1/4" SCREW)
2	2L8052	TERMINAL--(3/8" SCREW)
3	2L8054	TERMINAL--(1/2" SCREW)
		(USED WITH No. 6 WIRE)
2	2L8057	TERMINAL--(No. 10 SCREW)
1	2L8058	TERMINAL--(1/4" SCREW)
2	2L8060	TERMINAL--(3/8" SCREW)
3	2L8061	TERMINAL--(1/2" SCREW)
		(USED WITH No. 8 WIRE)
2	3S2093	TIE (7.31" LONG)
2	8L8413	TIE (5.50" LONG)
2	2L9724	CLIP (2.50" LONG)
1	1L9899	MARKER--(CARD OF)

1N8509 WIRING KIT GROUP

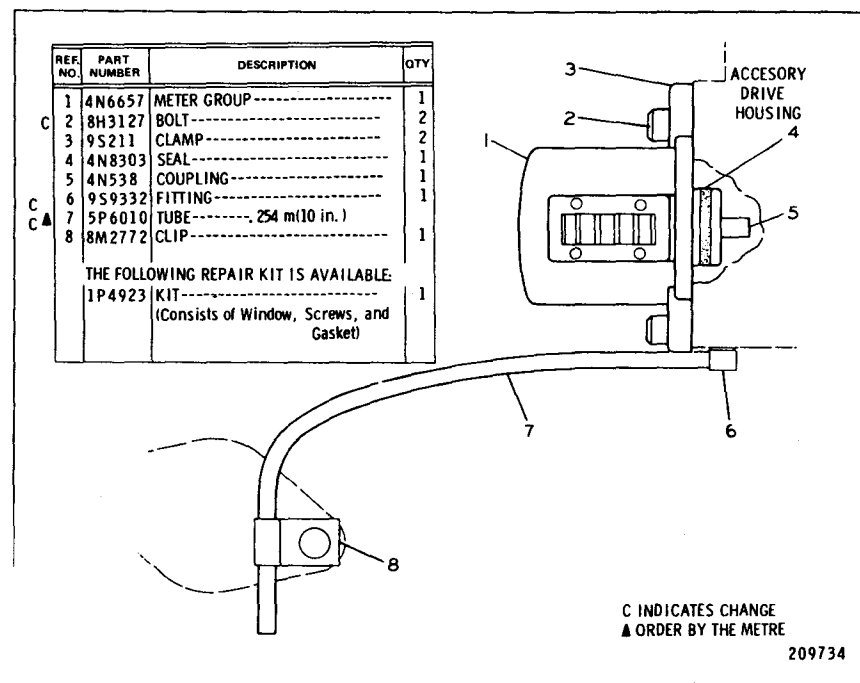
Part of 3N2758, 4N8777, 3N4667 and 3N4666 Alternator Groups shown
on Pages 183, 186, 187 and 189

CONSISTS OF:

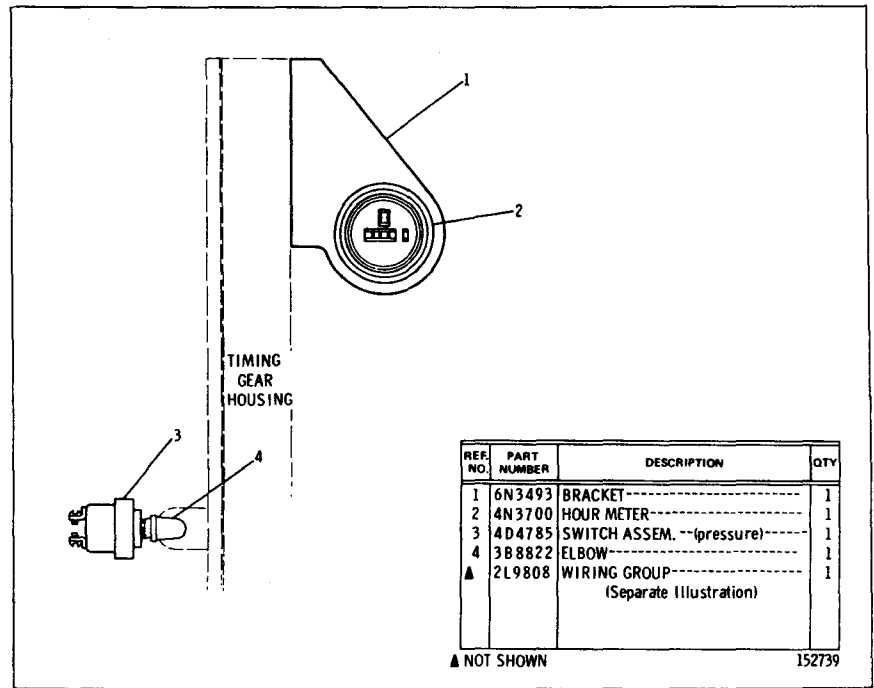
	4S8773	WIRE--(No. 8 GAUGE)--20 FOOT
	4S8787	WIRE--(No. 14 GAUGE)--10 FOOT
10	2L8057	TERMINAL (No. 10 SCREW)
2	2L8058	TERMINAL (1/4" SCREW)
2	2L8060	TERMINAL (3/8" SCREW)
3	2L8061	TERMINAL (1/2" SCREW)
		(USED WITH No. 8 WIRE)
6	2L8075	TERMINAL (No. 8 SCREW)
3	2L8077	TERMINAL (1/4" SCREW)
1	2L8081	TERMINAL (1/2" SCREW)
		(USED WITH No. 14 WIRE)
1	1L9899	MARKER (CARD OF)
10	2L9724	CLIP (2.50" LONG)
50	8L8413	TIE (5.50" LONG)
2	3S2093	TIE (7.31" LONG)



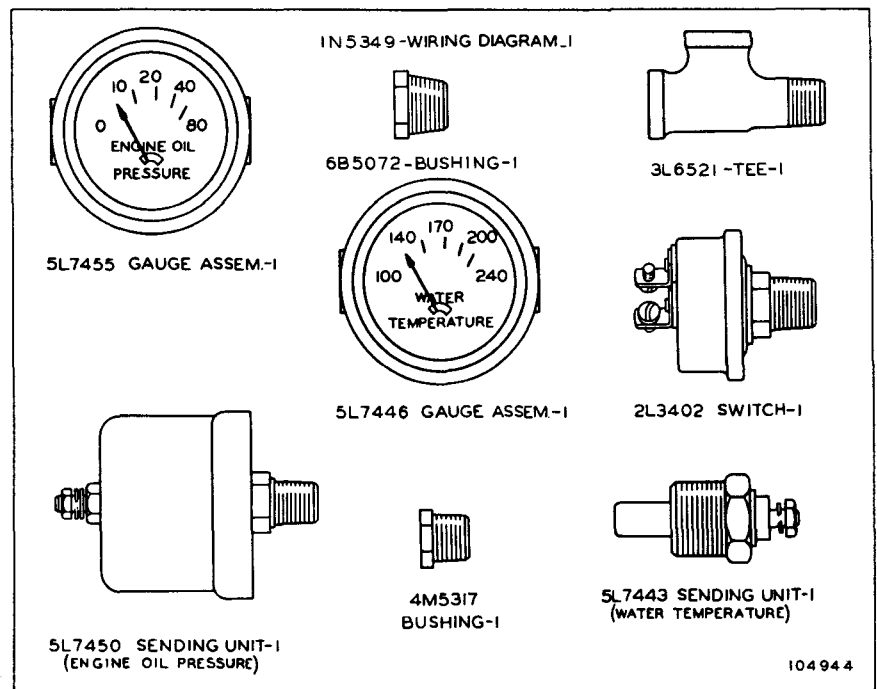
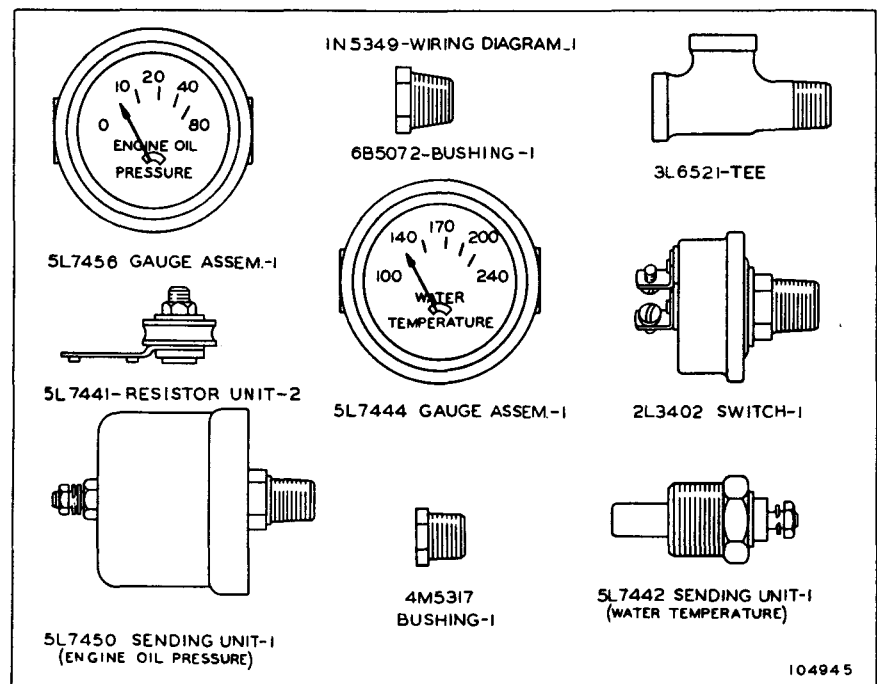
1L5011 REGULATING AND PRESSURE REDUCING VALVE GROUP
AN ATTACHMENT

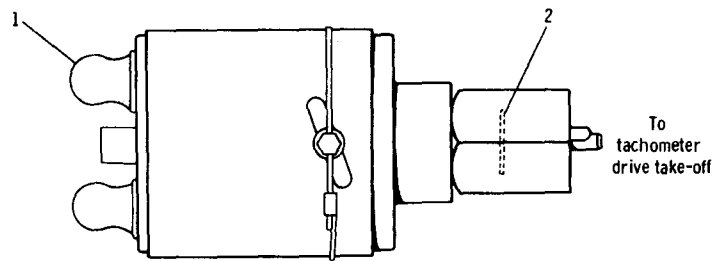


4N6656 SERVICE METER GROUP



6N3489 ELECTRIC HOUR METER GROUP
2L9808 Wiring parts are shown on Page 199
AN ATTACHMENT

5L9894 INSTRUMENT GROUP—12 Volt
AN ATTACHMENT

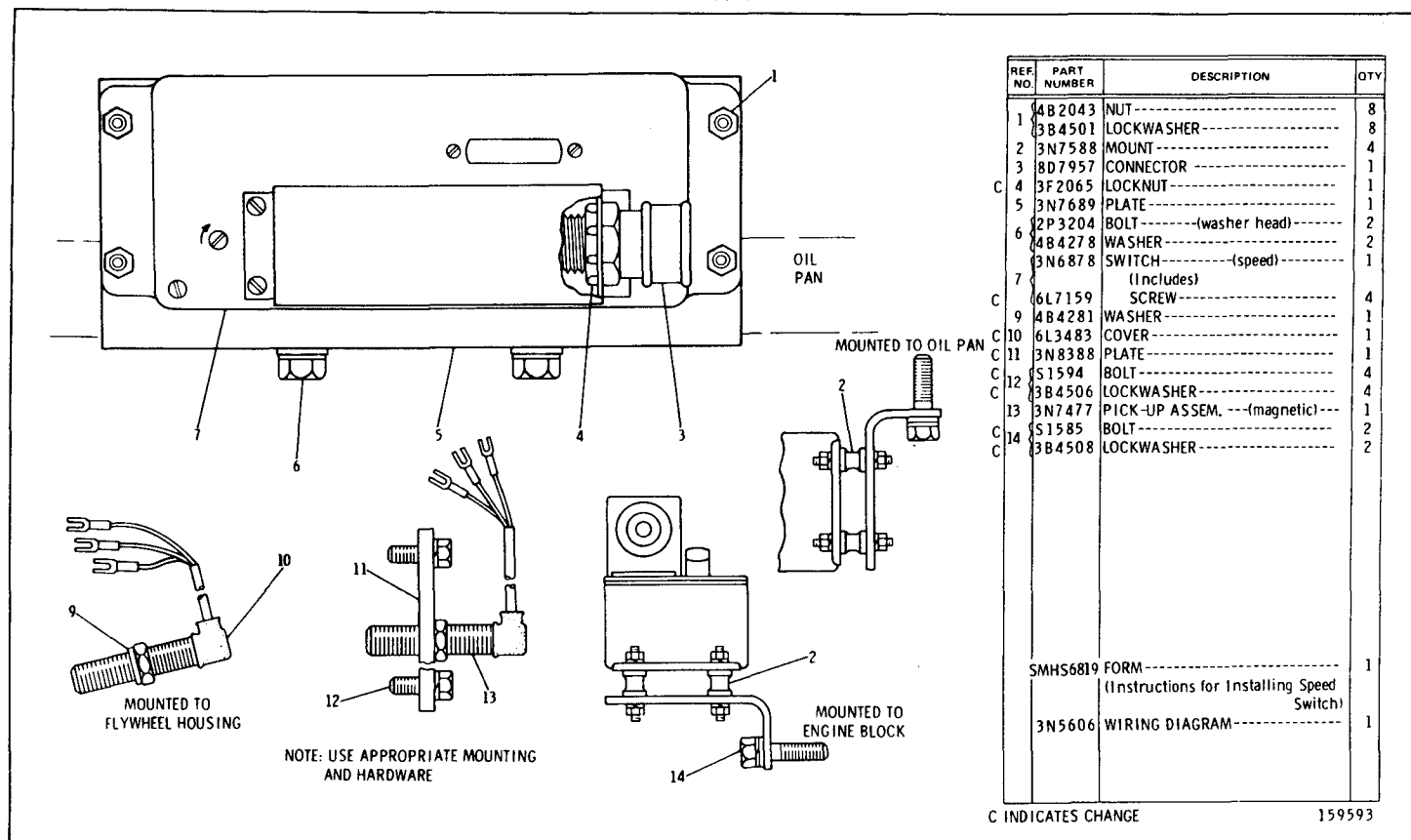


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1H4560	BOOT-----	4
2	5M1822	WASHER-----	4

203004

3N5877 OVERSPEED CONTACTOR GROUP
AN ATTACHMENT

3N7478 OVERSPEED CONTACTOR GROUP AN ATTACHMENT



CONSISTS OF:

PAGE

1	3N6867	CONTACTOR GROUP.....	204
1	3N8806	CONTACTOR MOUNTING GROUP.....	205
1		WIRING DIAGRAM	

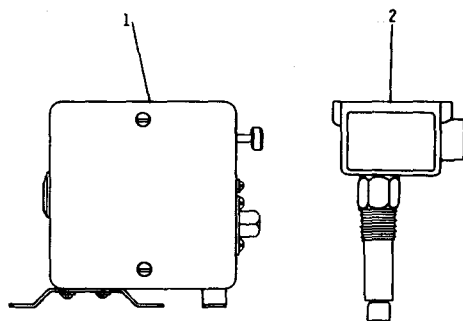
3N8423 CONTACTOR GROUP
AN ATTACHMENT

CONSISTS OF:

PAGE

1	3N7444	CONTACTOR GROUP.....	204
1	3N7725	CONTACTOR MOUNTING GROUP.....	205

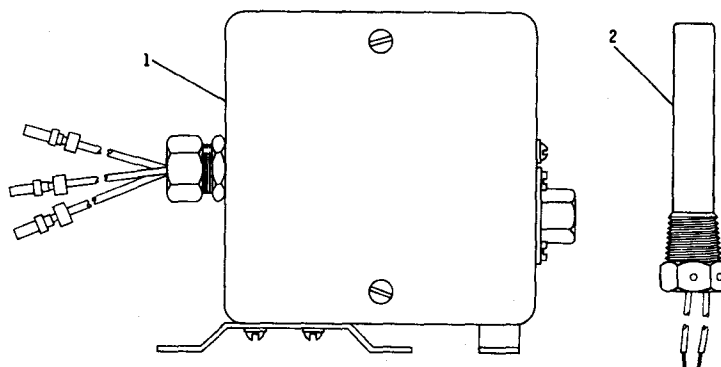
3N8790 PRE-ALARM CONTACTOR GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2N6955	SWITCH------(pressure)-----	1
2	5L6435	CONTACTOR--(water temperature)--	1

119084

3N6867 OIL PRESSURE WATER TEMPERATURE CONTACTOR GROUP
 Part of 3N8423 Alarm Contactor and 3N8422 Safety Electrical
 Shut-Off Groups shown on Pages 203 and 207

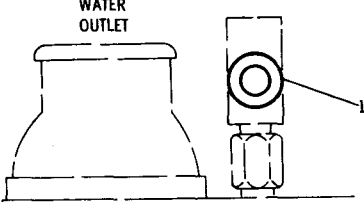


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7443	SWITCH------(oil pressure)-----	1
2	3N7529	SWITCH------(temperature)-----	1

148128

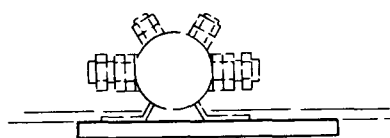
3N7444 PRE-ALARM CONTACTOR GROUP
 Part of 3N8790 Pre-Alarm Contactor Group listed on Page 203

WATER
OUTLET



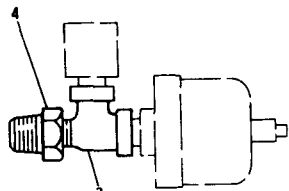
1

MOUNTED ON
FRONT TOP OF
CYLINDER HEAD



2

MOUNTED ON R. H.
OIL PAN LEDGE



4

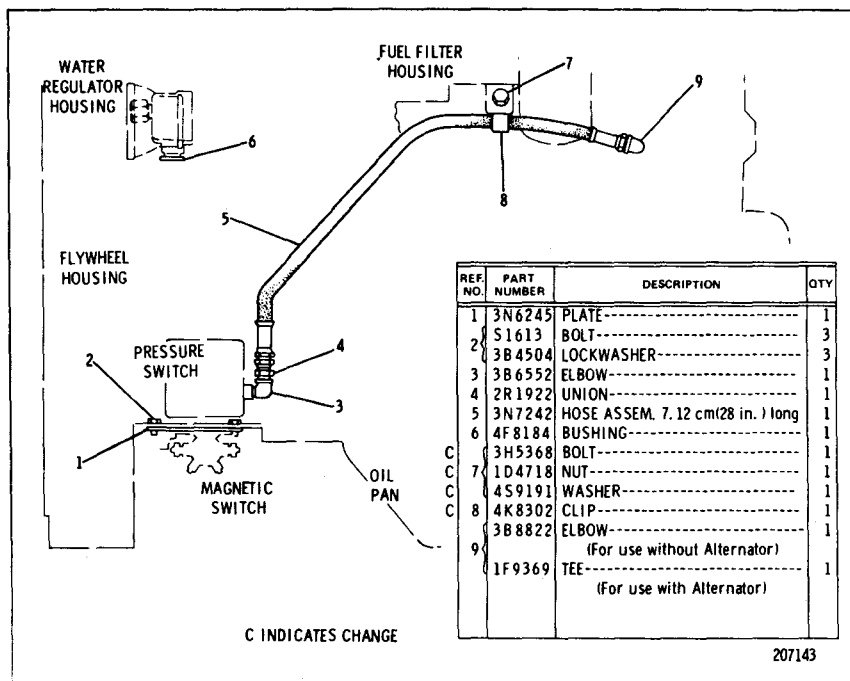
3

MOUNTED ON
REAR L. H.
SIDE OF ENGINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4F8184	BUSHING-----	1
2	3N6245	PLATE-----	1
3	1F9369	TEE-----	1
4	4M5317	BUSHING-----	1

159592

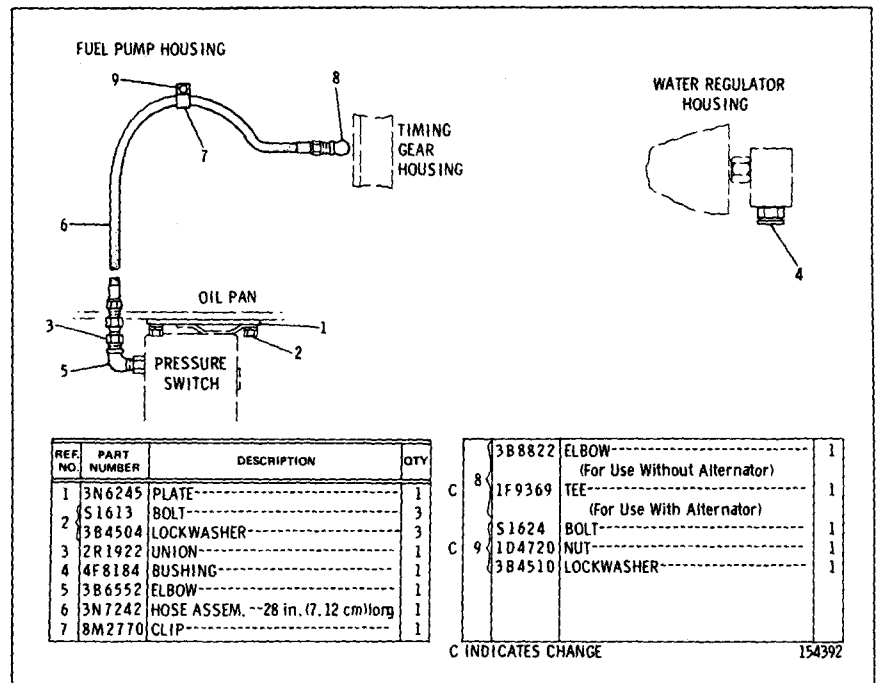
3N9652 CONTACTOR MOUNTING GROUP
Refer to Chart on Page 162A for usage
AN ATTACHMENT



3N8806 CONTACTOR MOUNTING GROUP—Type 2

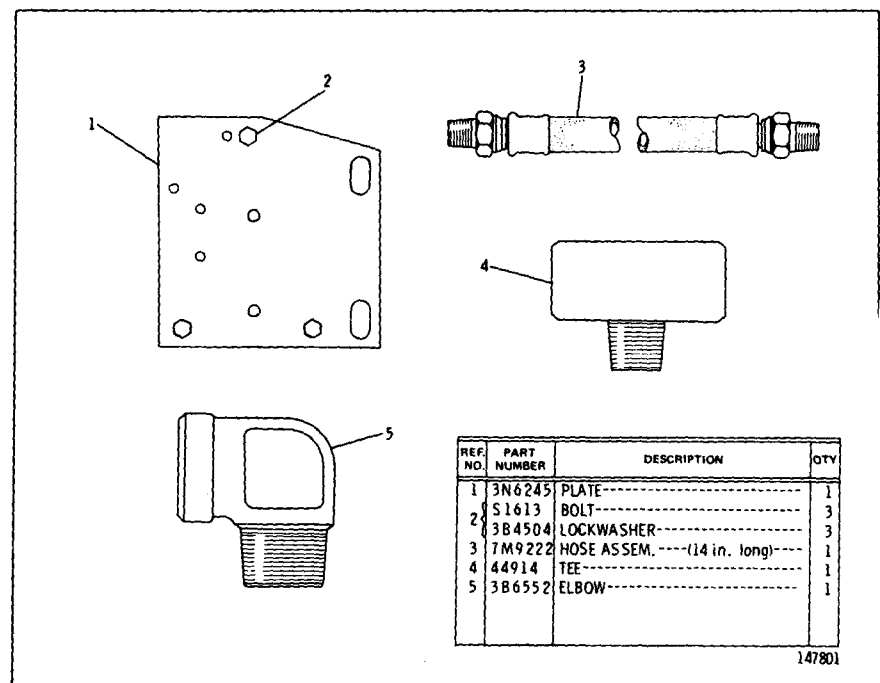
Replaced by 3N9652 Contactor Mounting Group shown on Page 204A
 Also part of 3N8423 Alarm Contactor and 3N8422 Safety Electrical
 Shut-off Groups listed on Pages 203 and 207. Refer to Chart on
 Page 162A for usage. AN ATTACHMENT

GAUGES AND ACCESSORIES



3N8806 CONTACTOR MOUNTING GROUP

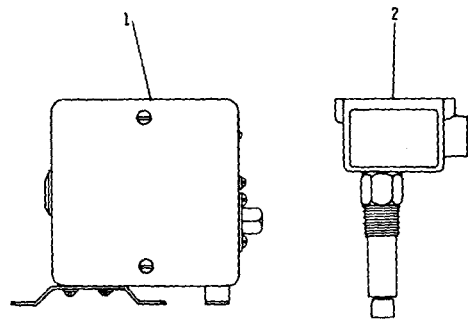
Also part of 3N8423 Alarm Contactor and 3N8422 Safety Electrical Shut-off Groups listed on Pages 203 and 207. Refer to Chart on Page 162A for usage. AN ATTACHMENT



3N7725 CONTACTOR MOUNTING GROUP

Also part of 3N8790 Pre-Alarm Contactor Group listed on Page 207. Refer to Chart on Page 162A for usage. AN ATTACHMENT

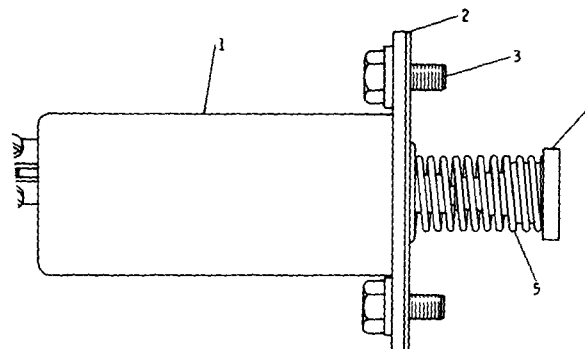
6526 OIL PRESSURE WATER TEMPERATURE CONTACTOR GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2N7124	SWITCH-----(oil pressure)-----	1
2	5L6435	CONTACTOR--(water temperature)--	1

119370

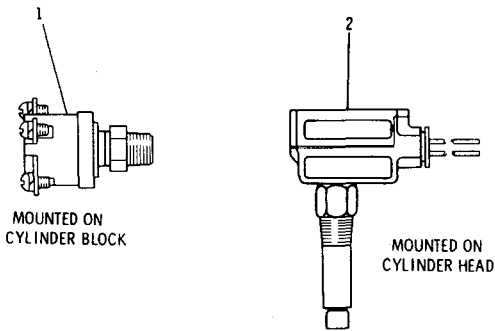
6526 OIL PRESSURE WATER TEMPERATURE CONTACTOR GROUP
 Replaced by 3N9602 Contactor Group shown on Page 206A
 Refer to Chart on Page 162A for usage
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3889	SOLENOID-----	1
2	4N117	GASKET-----	1
3	2A762	BOLT-----	2
3	5P537	WASHER-----	2
4	3N2835	SHAFT-----	1
5	9L6588	SPRING-----	1

203022

4N5677 ELECTRIC SHUT-OFF GROUP
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N9598	SWITCH-----(oil pressure)-----	1
2	5L6435	CONTACTOR--(water temperature)--	1

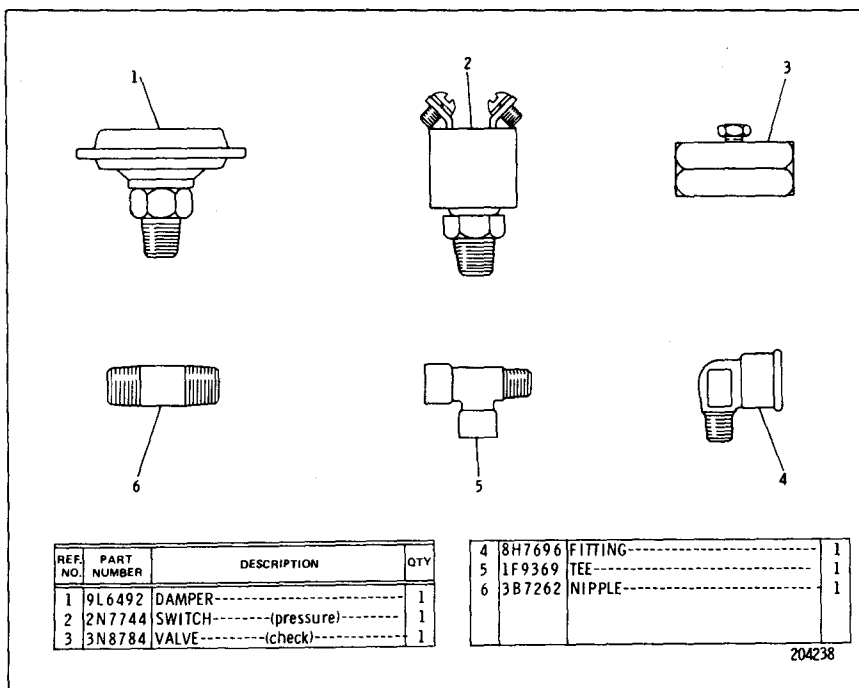
159581

3N9602 CONTACTOR GROUP—Oil Pressure and Water Temperature
Refer to Chart shown on Page 162A for usage
AN ATTACHMENT

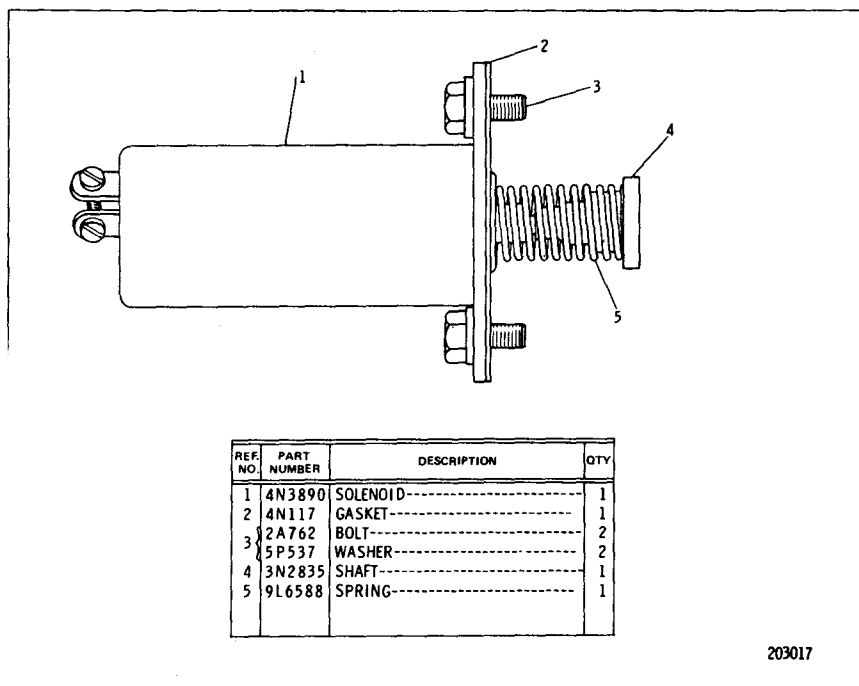
	CONSISTS OF:	PAGE
1	3N6867 CONTACTOR GROUP.....	204
1	3N8783 VALVE ASSEMBLY--TIME DELAY.....	208
1	3N8806 CONTACTOR MOUNTING GROUP.....	205
1	 WIRING DIAGRAM	
1	4L1192 WIRING GROUP	

CONSISTING OF:

	4B9388	WIRE--(No. 14 GAUGE)--40'
4	2L8074	TERMINAL (No. 6 SCREW)
21	2L8075	TERMINAL (No. 8 SCREW)
2	2L8079	TERMINAL (3/8" SCREW)
2	2L8081	TERMINAL (1/2" SCREW)
		(USED WITH No. 14 WIRE)
6	2L8065	TERMINAL (No. 8 SCREW)
		(USED WITH No. 12 OR 10 WIRE)
4	2L9724	CLIP
50	8L8413	TIE
2	8S4626	SPLICE--WIRE



3N8783 VALVE ASSEMBLY—Time Delay
Also part of 3N8422 Safety Electrical Shut-Off Group listed on Page 207
Refer to Chart on Page 162A for usage. AN ATTACHMENT



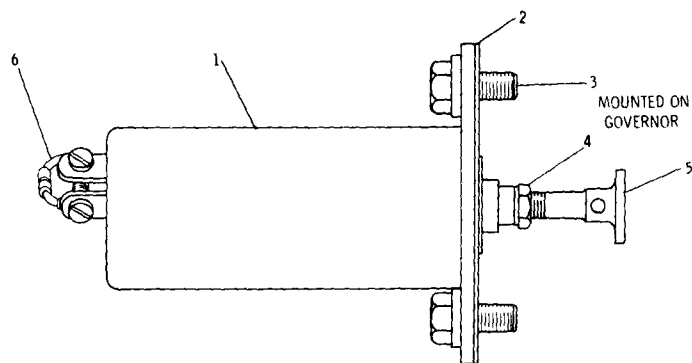
4N5679 ELECTRIC SHUT-OFF GROUP—24 Volt
AN ATTACHMENT

CONSISTS OF:

PAGE

1	4N5678	ELECTRICAL SHUT-OFF GROUP.....	210
1	3N8085	DIODE ASSEMBLY	

3N8632 ELECTRICAL SHUT-OFF GROUP—24-32 Volt—Type 1
FOR USE WITH HYDRA-MECHANICAL GOVERNOR ONLY
Refer to Chart on Page 162A for usage. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3890	SOLENOID-----	1
2	4N117	GASKET-----	1
3	2A762	BOLT-----	2
3	5P537	WASHER-----	2
4	9M1311	NUT-----	1
C 5	6N591	SHAFT-----	1
6	3N8085	DIODE ASSEM.-----	1

C INDICATES CHANGE

205647

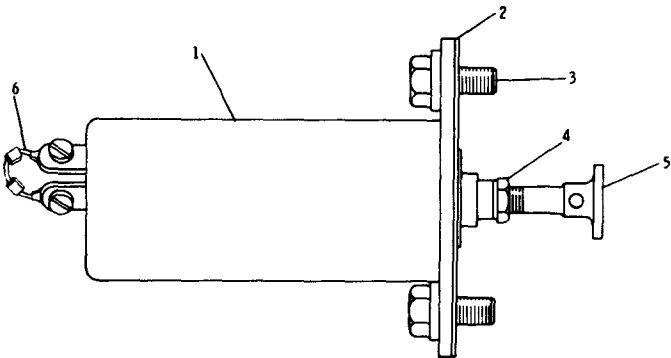
3N8632 ELECTRICAL SHUT-OFF GROUP—24-32 Volt—Type 2
FOR USE WITH HYDRA-MECHANICAL GOVERNOR ONLY
Refer to Chart on Page 162A for usage. AN ATTACHMENT

CONSISTS OF:

PAGE

1	4N5676	ELECTRICAL SHUT-OFF GROUP.....	210
1	3N8085	DIODE ASSEMBLY	

3N8805 ELECTRICAL SHUT-OFF GROUP—12 Volt—Type 1
FOR USE WITH HYDRA-MECHANICAL GOVERNOR
AN ATTACHMENT

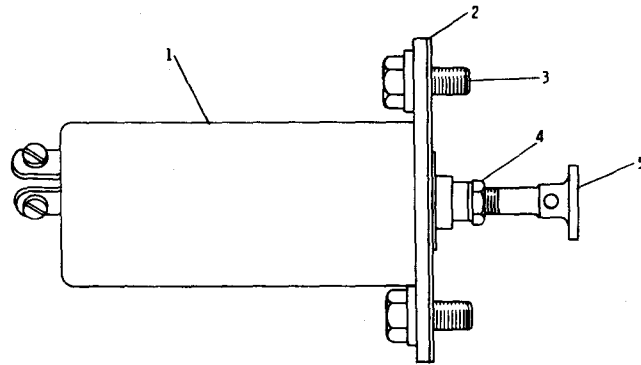


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3889	SOLENOID-----	1
2	4N117	GASKET-----	1
3	2A762	BOLT-----	2
4	5P537	WASHER-----	2
5	9M1311	NUT-----	1
C 5	6N591	SHAFT-----	1
6	3N8085	DIODE ASSEM.-----	1

C INDICATES CHANGE

205645

3N8805 ELECTRICAL SHUT-OFF GROUP—12 Volt—Type 2
FOR USE WITH HYDRA-MECHANICAL GOVERNOR

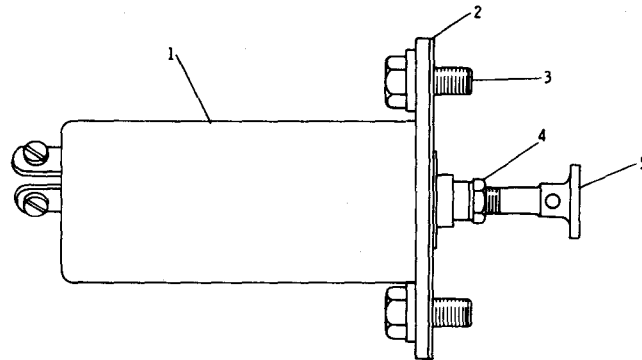


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3890	SOLENOID-----	1
2	4N117	GASKET-----	1
3	2A762	BOLT-----	2
3	5P537	WASHER-----	2
4	9M1311	NUT-----	1
C 5	6N591	SHAFT-----	1

C INDICATES CHANGE

204127

4N5678 ELECTRICAL SHUT-OFF GROUP
Also part of 3N8632 Electrical Shut-Off Group listed on Page 209
AN ATTACHMENT

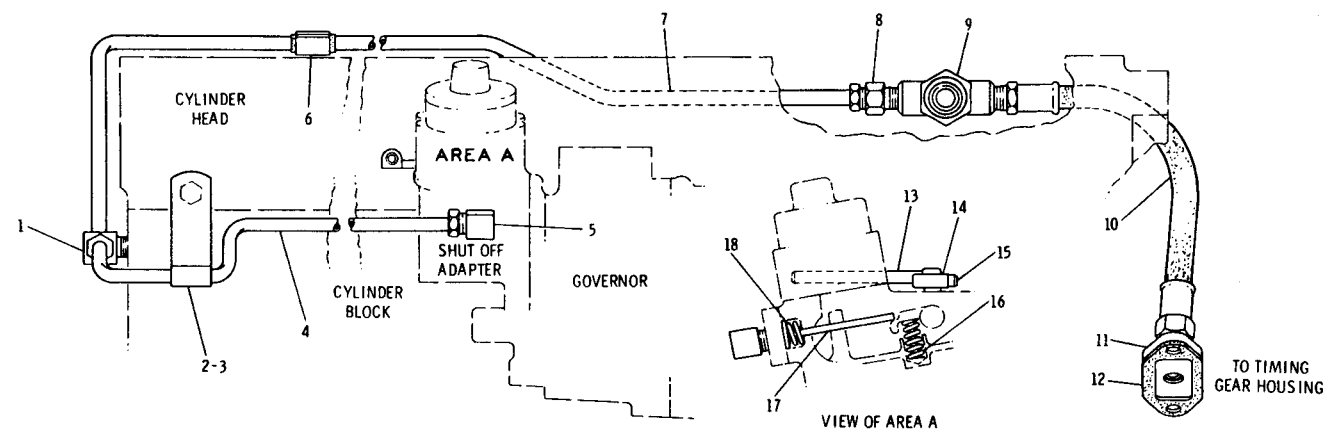


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3889	SOLENOID-----	1
2	4N117	GASKET-----	1
3	2A762	BOLT-----	2
3	5P537	WASHER-----	2
4	9M1311	NUT-----	1
5	3N2836	SHAFT-----	1

202609

4N5676 ELECTRICAL SHUT-OFF GROUP—12 Volt
Also part of 3N8805 Electrical Shut-Off Group listed on Page 209

3N8171 SAFETY MECHANICAL SHUT-OFF GROUP—Type 1
FOR USE WITH R.H. OIL FILLER
AN ATTACHMENT

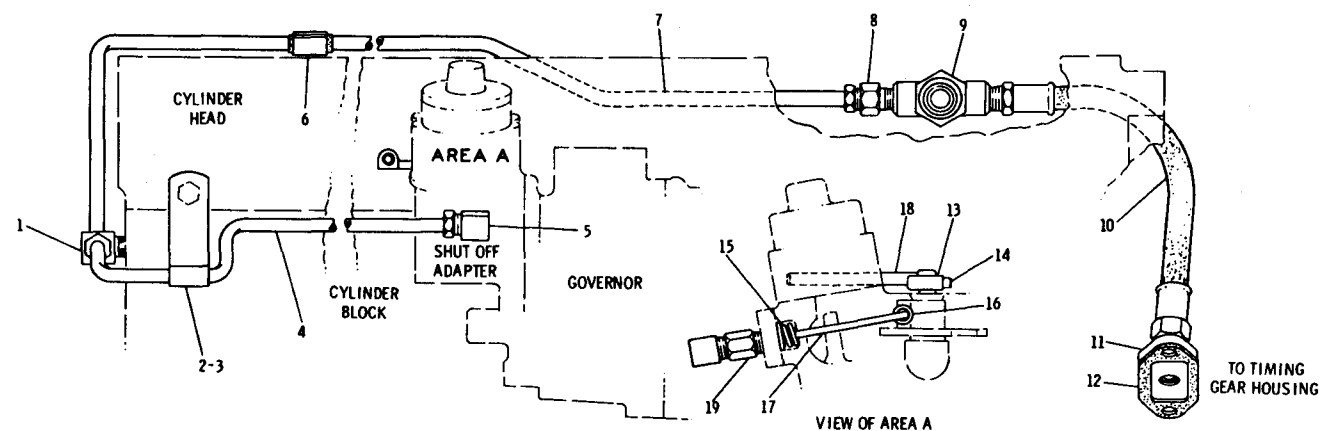


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4780	TEE-----	1
2	1M3466	CLIP-----	1
		(Used Without Watercooled Manifold)	
	5M1198	CLIP-----	1
3	S1588	BOLT-----	1
	5K1928	BOSS-----	1
		(Used With Watercooled Manifold)	
4	3N8169	TUBE ASSEM.-----	1
5	1L6939	ELBOW-----	1

6	1B3057	CLIP-----	1
	8F2396	GROMMET-----	1
7	3N4388	TUBE ASSEM.-----	1
8	5K9246	CONNECTOR-----	1
9	4L7108	VALVE-----	1
10	3N7275	HOSE ASSEM.-----	1
	4S6399	CONNECTOR-----	1
11	3N8554	FLANGE-----	1
12	2P2720	GASKET-----	1
13	7L4984	STUD-----	1
14	3N2825	LEVER-----	1

15	7J9018	BOLT-----	1
16	2B7005	SPRING-----	1
17	3N2817	PLUNGER-----	1
18	4B258	SPRING-----	1

204345



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4780	TEE-----	1
2	1M3466	CLIP----- (Used Without Watercooled Manifold)	1
	5M1198	CLIP-----	1
3	S1588	BOLT-----	1
	5K1928	BOSS----- (Used With Watercooled Manifold)	1
4	3N8169	TUBE ASSEM.-----	1
C 5	5K9235	ELBOW-----	1

6	1B3057	CLIP-----	1
8	8F2396	GROMMET-----	1
7	3N4388	TUBE ASSEM.-----	1
8	5K9246	CONNECTOR-----	1
9	4L7108	VALVE-----	1
10	3N7275	HOSE ASSEM.-----	1
	4S6399	CONNECTOR-----	1
11	3N8554	FLANGE-----	1
12	2P2720	GASKET-----	1
C 13	6N2554	SHUTOFF GROUP----- (Includes)	1
14	7J9018	BOLT-----	1

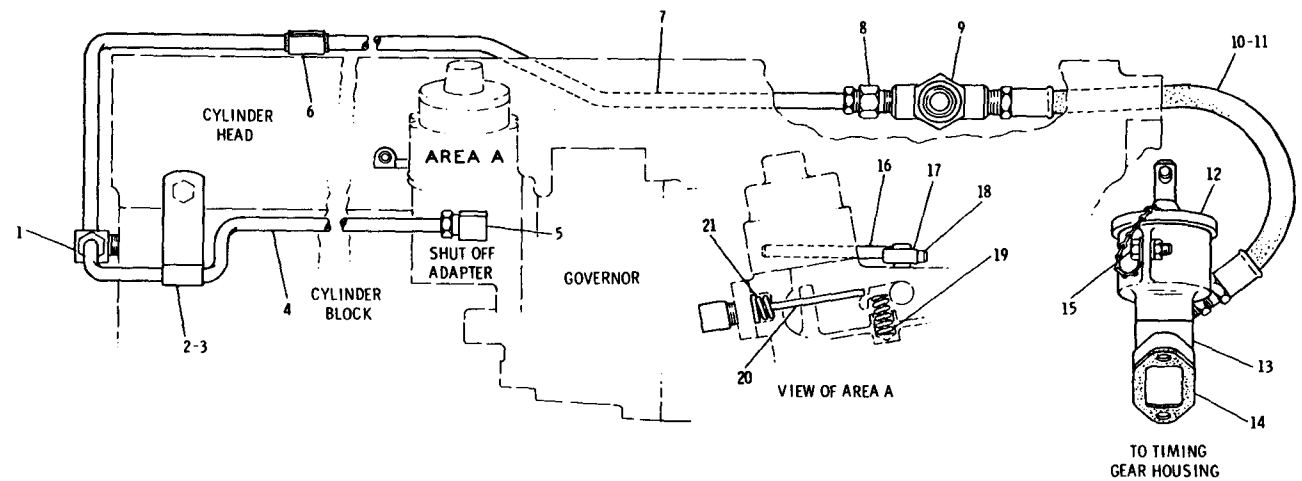
15	4B258	SPRING-----	1
C 16	3N9371	SPRING-----	1
17	3N2817	PLUNGER-----	1
C 18	7L4984	STUD-----	1
C 19	5H8936	ADAPTER-----	1

C INDICATES CHANGE

159899

3N8171 MECHANICAL SAFETY SHUT-OFF GROUP--Type 2
FOR USE WITH R.H. OIL FILLER
AN ATTACHMENT

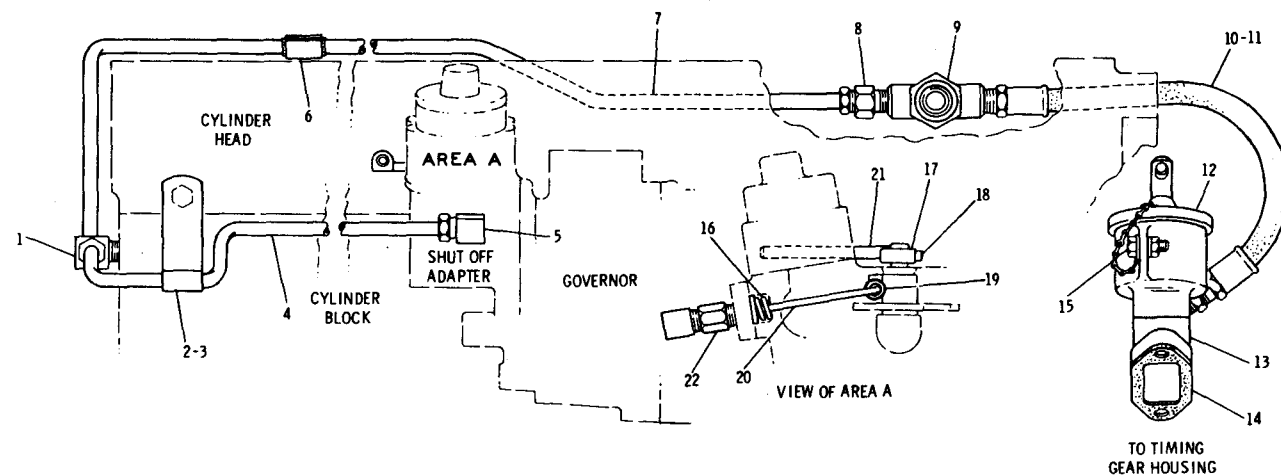
3N8170 SAFETY MECHANICAL SHUT-OFF GROUP—Type 1
CANNOT BE USED WITH R.H. OIL FILLER
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4780	TEE	1
2	1M3466	CLIP	1
	5M1198	CLIP	1
	5S1588	BOLT	1
	5K1928	BOSS	1
		(Used With Watercooled Manifold)	
4	3N8169	TUBE ASSEM.	1
5	1L6939	ELBOW	1

6	1B3057	CLIP	1
8	8F2396	GROMMET	1
7	3N4388	TUBE ASSEM.	1
8	5K9246	CONNECTOR	1
9	4L7108	VALVE	1
10	3N7275	HOSE ASSEM.	1
	4S6399	CONNECTOR	1
11	6K1972	ELBOW	1
12	2P2718	CAP ASSEM.	1
13	3N4395	PIPE	1
14	2P2720	GASKET	1

15	2S9556	BOLT	1
	4B2049	NUT	1
	3B4502	LOCKWASHER	1
16	7L4984	STUD	1
17	3N2825	LEVER	1
18	7J9018	BOLT	1
19	2B7005	SPRING	1
20	3N2817	PLUNGER	1
21	4B258	SPRING	1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4780	TEE-----	1
2	1M3466	CLIP-----	1
		(Used Without Watercooled Manifold)	
	5M1198	CLIP-----	1
3	S1588	BOLT-----	1
	5K1928	BOSS-----	1
		(Used With Watercooled Manifold)	
4	3N8169	TUBE ASSEM.-----	1
C 5	5K9235	ELBOW-----	1

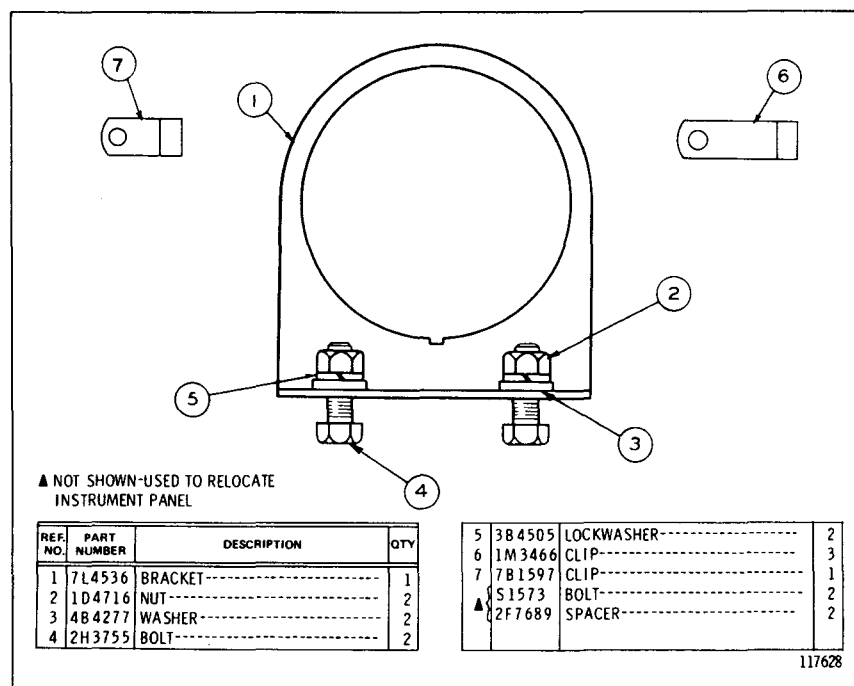
6	1B3057	CLIP-----	1
	8F2396	GROMMET-----	1
7	3N4388	TUBE ASSEM.-----	1
8	5K9246	CONNECTOR-----	1
9	4L7108	VALVE-----	1
10	3N7275	HOSE ASSEM.-----	1
11	6K1972	ELBOW-----	1
12	2P2718	CAP ASSEM.-----	1
13	3N4395	PIPE-----	1
14	2P2720	GASKET-----	1

	259556	BOLT-----	1
15	4B2049	NUT-----	1
	3B4502	LOCKWASHER-----	1
16	4B258	SPRING-----	1
C 17	6N2554	SHUTOFF GROUP-----	1
		(Includes)	
18	7J9018	BOLT-----	1
C 19	3N9371	SPRING-----	1
20	2N2817	PLUNGER-----	1
C 21	7L4984	STUD-----	1
C 22	5H8936	ADAPTER-----	1

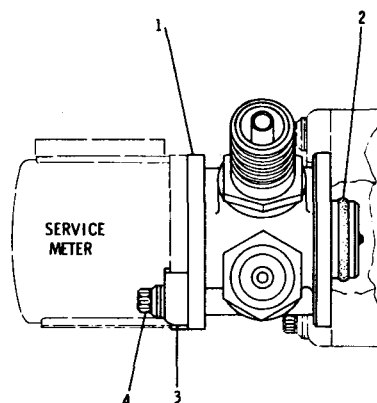
C INDICATES CHANGE

159898

3N8170 MECHANICAL SAFETY SHUT-OFF GROUP—Type 2
CANNOT BE USED WITH R.H. OIL FILLER
AN ATTACHMENT



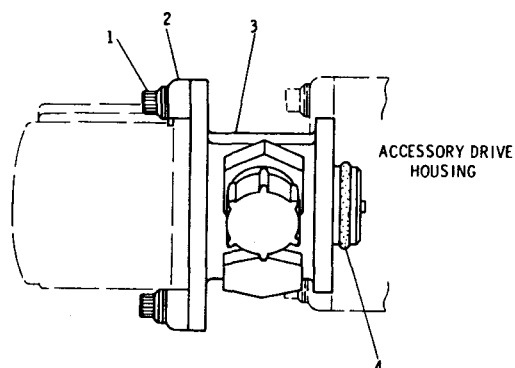
7L4535 TACHOMETER MOUNTING GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N5081	ADAPTER ASSEM. -----	1
2	4M8303	SEAL-----	1
3	9S211	CLAMP-----	2
4	9S5033	BOLT-----	2
	1H3244	LOCKWASHER-----	2

203010

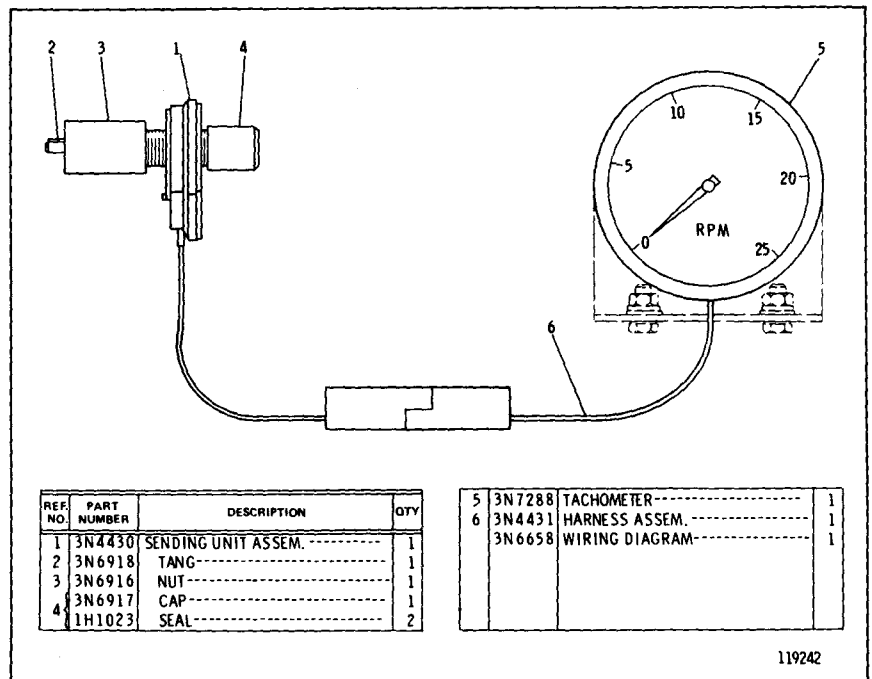
4N5675 TACHOMETER DRIVE GROUP AN ATTACHMENT



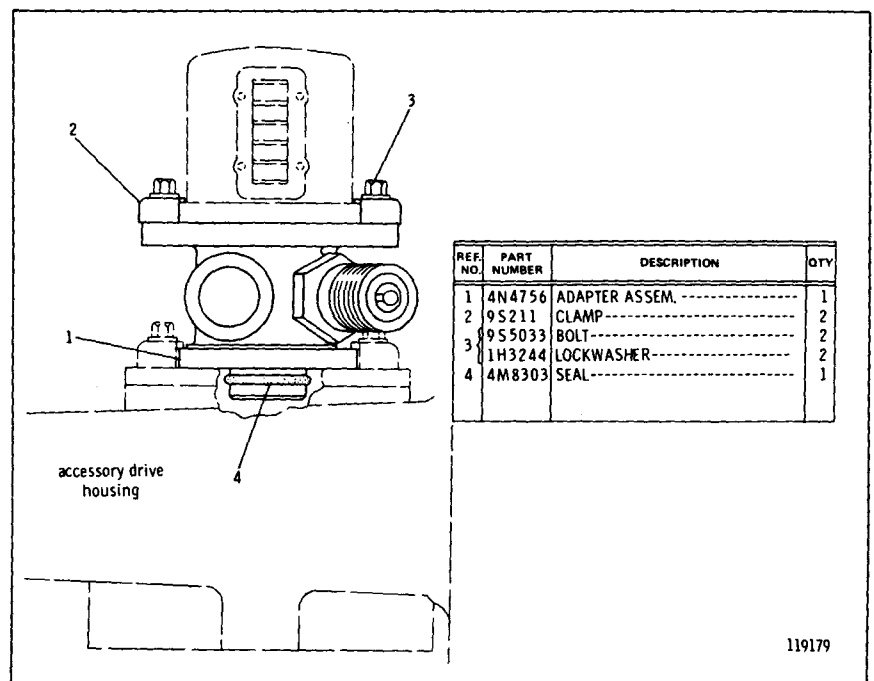
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S5033	BOLT-----	2
	1H3244	LOCKWASHER-----	2
2	9S211	CLAMP-----	2
3	4N4756	ADAPTER ASSEM. -----	1
4	4M8303	SEAL-----	1

204116

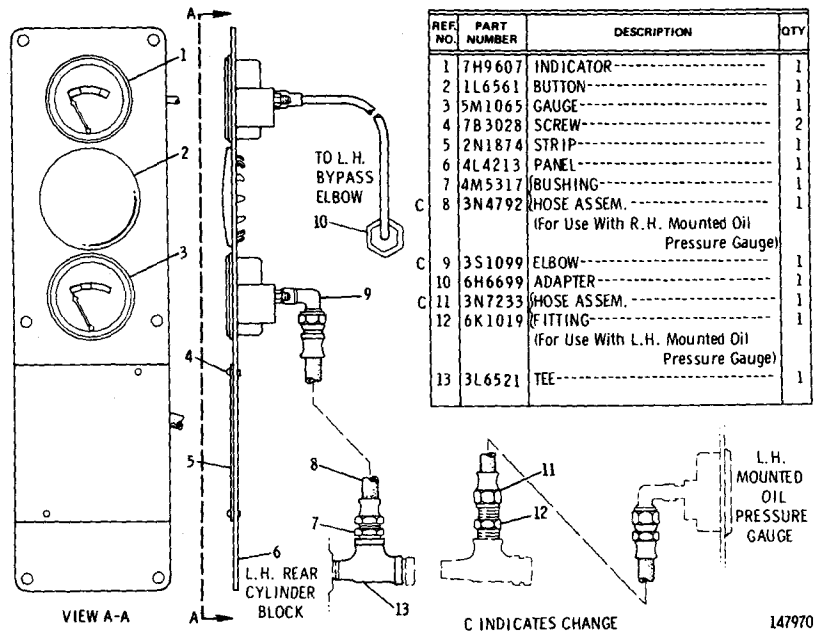
4N4751 TACHOMETER DRIVE GROUP—Single Replaced by 4N1402 Tachometer Drive Group shown on Page 215 AN ATTACHMENT



3N6871 ELECTRIC TACHOMETER GROUP
AN ATTACHMENT

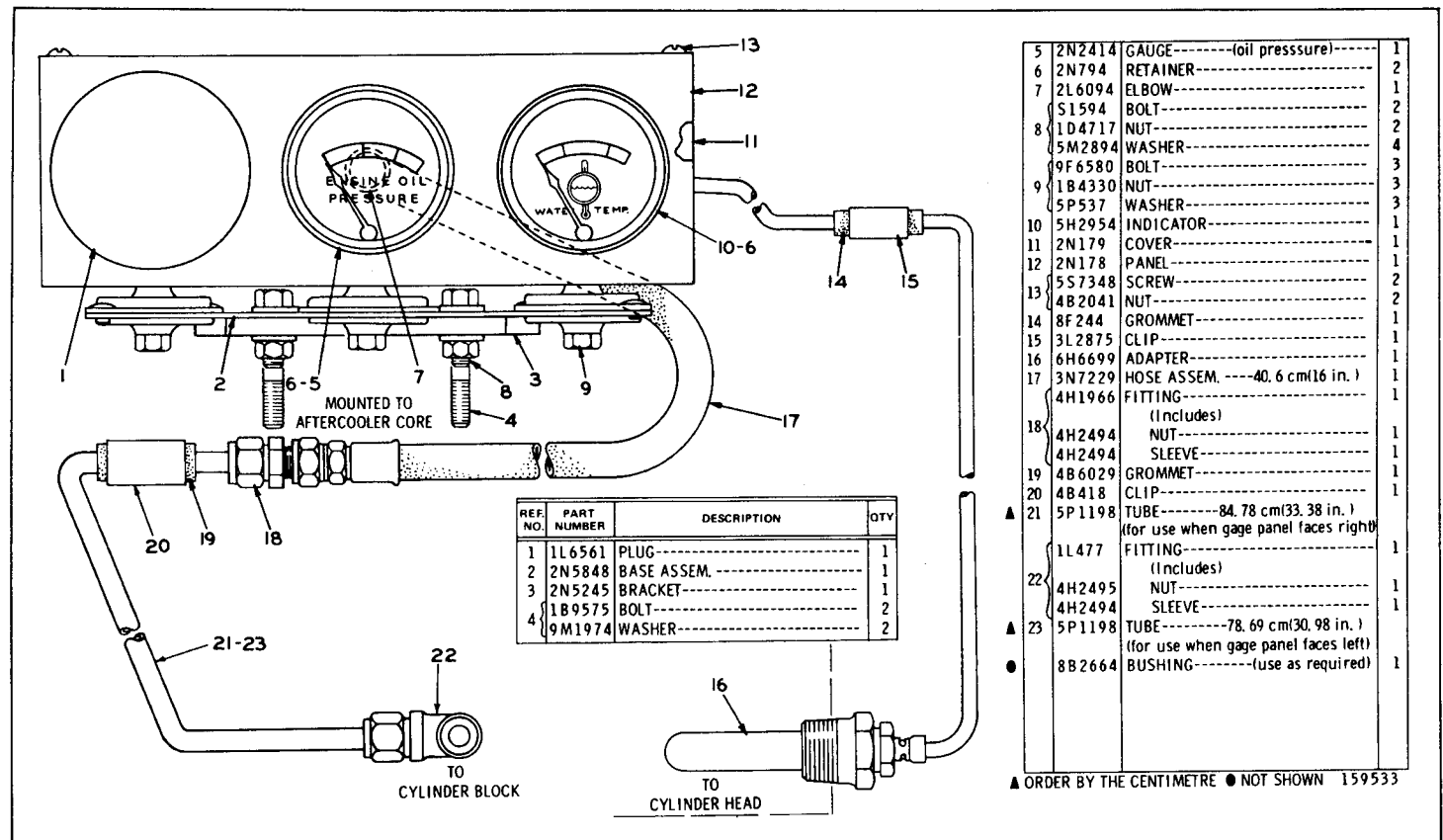


4N1402 TACHOMETER DRIVE GROUP—Single
AN ATTACHMENT

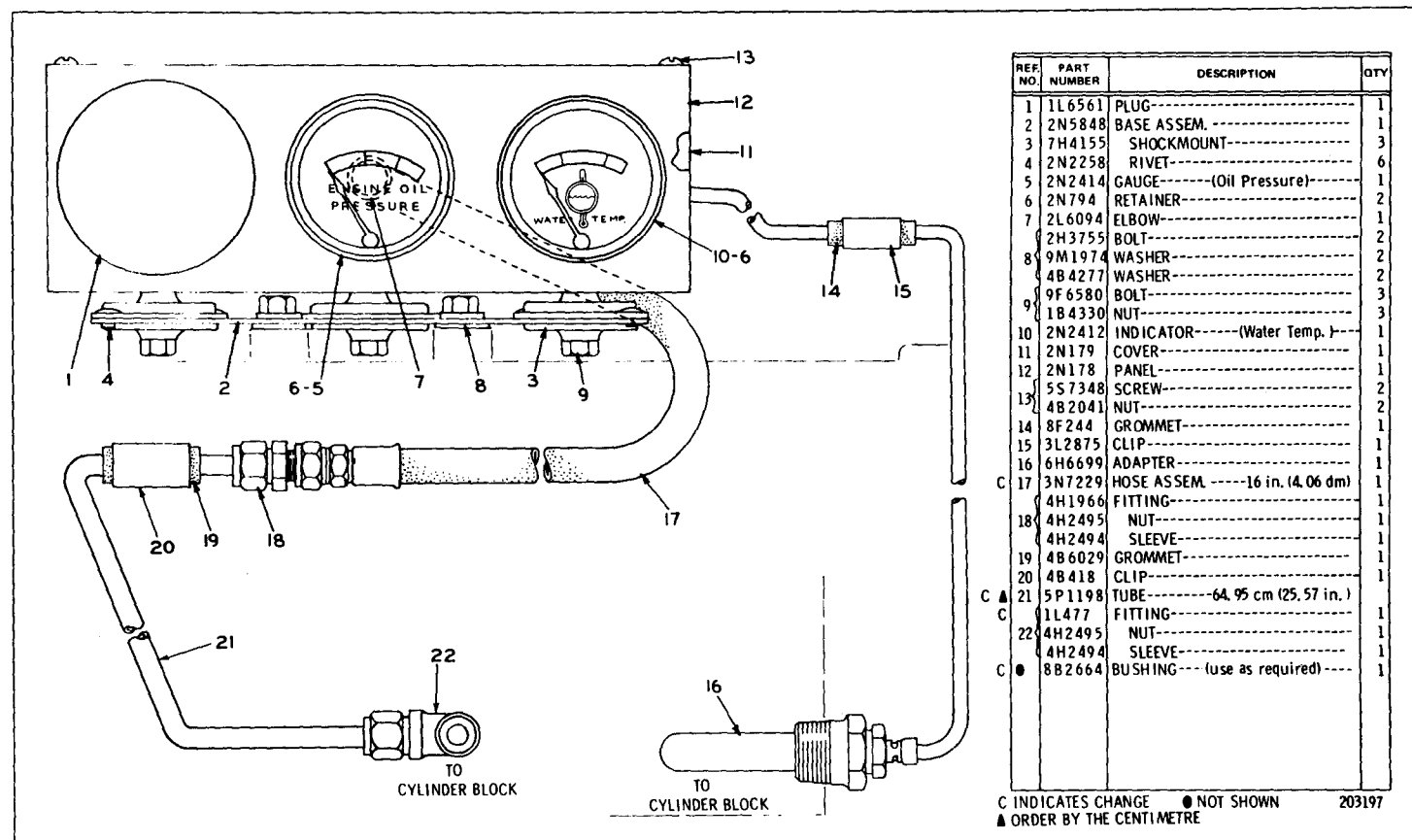


3N6574 INSTRUMENT PANEL GROUP
AN ATTACHMENT

6N4069 INSTRUMENT PANEL GROUP FOR USE WITH AFTERCOOLER



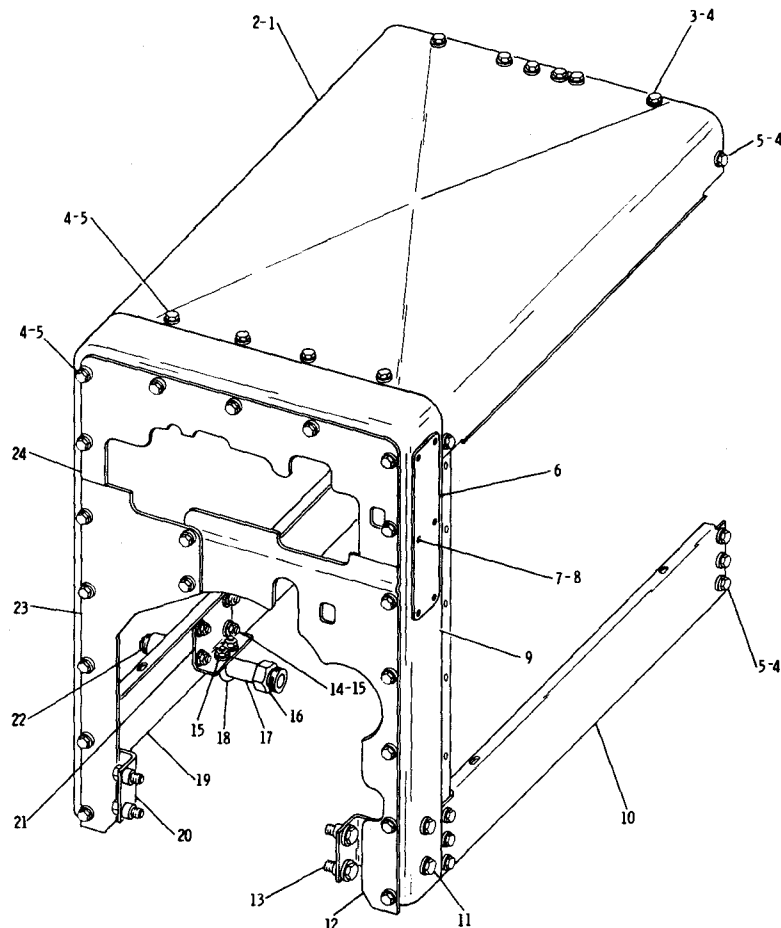
2N2259 INSTRUMENT PANEL GROUP AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1L6561	PLUG-----	1
2	2N5848	BASE ASSEM.-----	1
3	7H4155	SHOCKMOUNT-----	3
4	2N2258	RIVET-----	6
5	2N2414	GAUGE----- (Oil Pressure)-----	1
6	2N794	RETAINER-----	2
7	2L6094	ELBOW-----	1
8	2H3755	BOLT-----	2
9	9M1974	WASHER-----	2
10	4B4277	WASHER-----	2
11	9F6580	BOLT-----	3
12	1B4330	NUT-----	3
13	2N2412	INDICATOR----- (Water Temp.)-----	1
14	2N179	COVER-----	1
15	2N178	PANEL-----	1
16	5S7348	SCREW-----	2
17	4B2041	NUT-----	2
18	8F244	GROMMET-----	1
19	3L2875	CLIP-----	1
20	6H6699	ADAPTER-----	1
21	3N7229	HOSE ASSEM.----- 16 in. (4.06 dm)-----	1
22	4H1966	FITTING-----	1
	4H2495	NUT-----	1
	4H2494	SLEEVE-----	1
	4B6029	GROMMET-----	1
	4B418	CLIP-----	1
	5P1198	TUBE----- 64.95 cm (25.57 in.)-----	1
	1L477	FITTING-----	1
	4H2495	NUT-----	1
	4H2494	SLEEVE-----	1
	8B2664	BUSHING----- (use as required)-----	1

C INDICATES CHANGE
 ▲ ORDER BY THE CENTIMETRE

203197

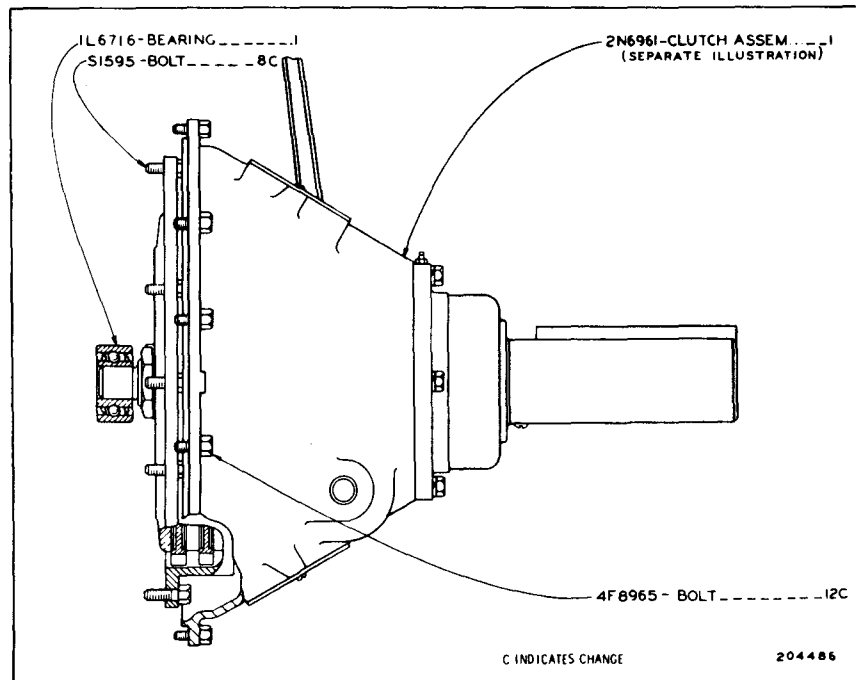


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4L6390	HOOD ASSEM.-----	1
2	4L9348	STOP-----	2
3	2P1287	BOLT-----	6
4	2N3385	NUT-----	37
5	2P3200	BOLT-----	41
6	4L4214	COVER-----	2
7	1P1135	SCREW-----	12
8	3N4895	NUT ASSEM.-----	12
9	3N4887	SHELL-----	1
10	1N5317	PLATE-----	1
	T318	BOLT-----	4
11	1D4718	NUT-----	4
	2S932	WASHER-----	4
12	3N4888	PLATE-----	1
	S1566	BOLT-----	4
13	2S736	WASHER-----	4
	4D5668	SPACER-----	4

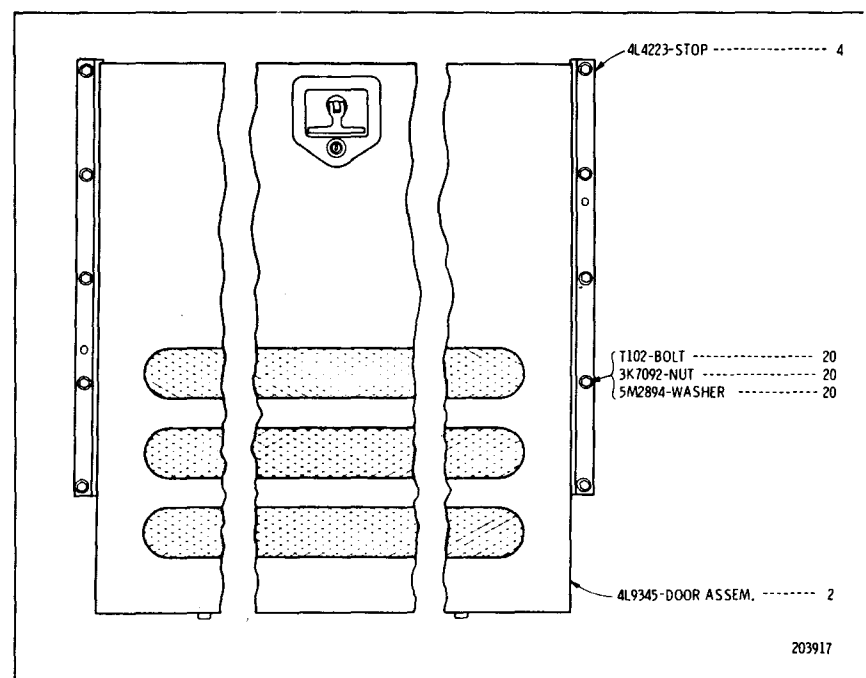
14	S1594	BOLT-----	4
15	1D4717	NUT-----	6
	5M2894	WASHER-----	10
16	6L6155	ADAPTER-----	1
17	3F8431	PIPE-----	1
18	9M8729	"U" BOLT-----	1
19	5L3845	PLATE-----	1
20	2N1841	SUPPORT-----	2
21	1N5315	BRACKET-----	1
	2B7410	PLUG-----	1
22	3B6489	COUPLING-----	1
23	4L9434	PLATE-----	1
24	3N4889	PLATE-----	1

117649

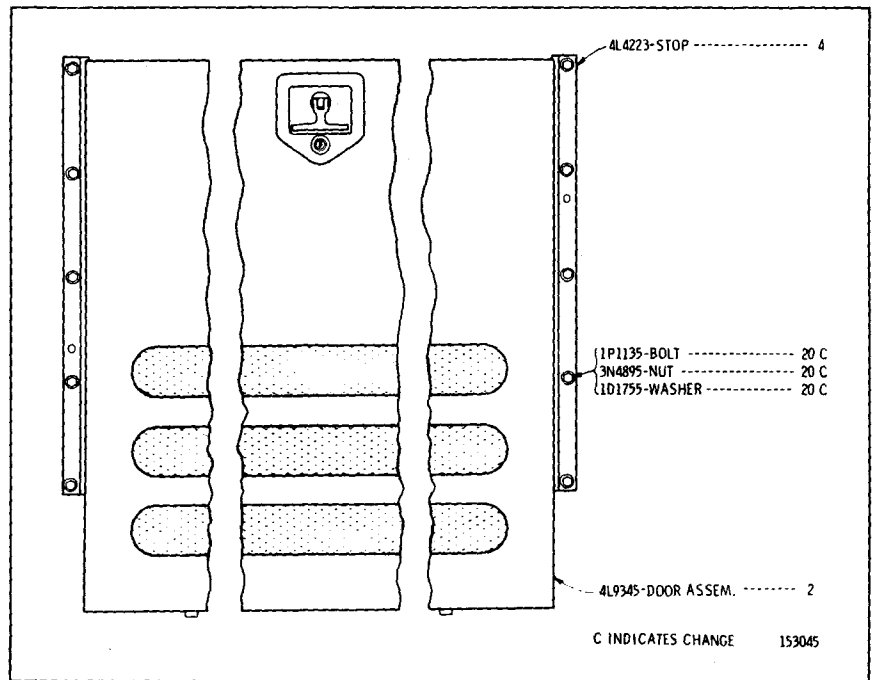
3N4891 HOOD AND DASH GROUP
NOT FOR USE WITH AIR STARTING MOTOR AND TURBOCHARGED
AFTERCOOLED ENGINE
AN ATTACHMENT



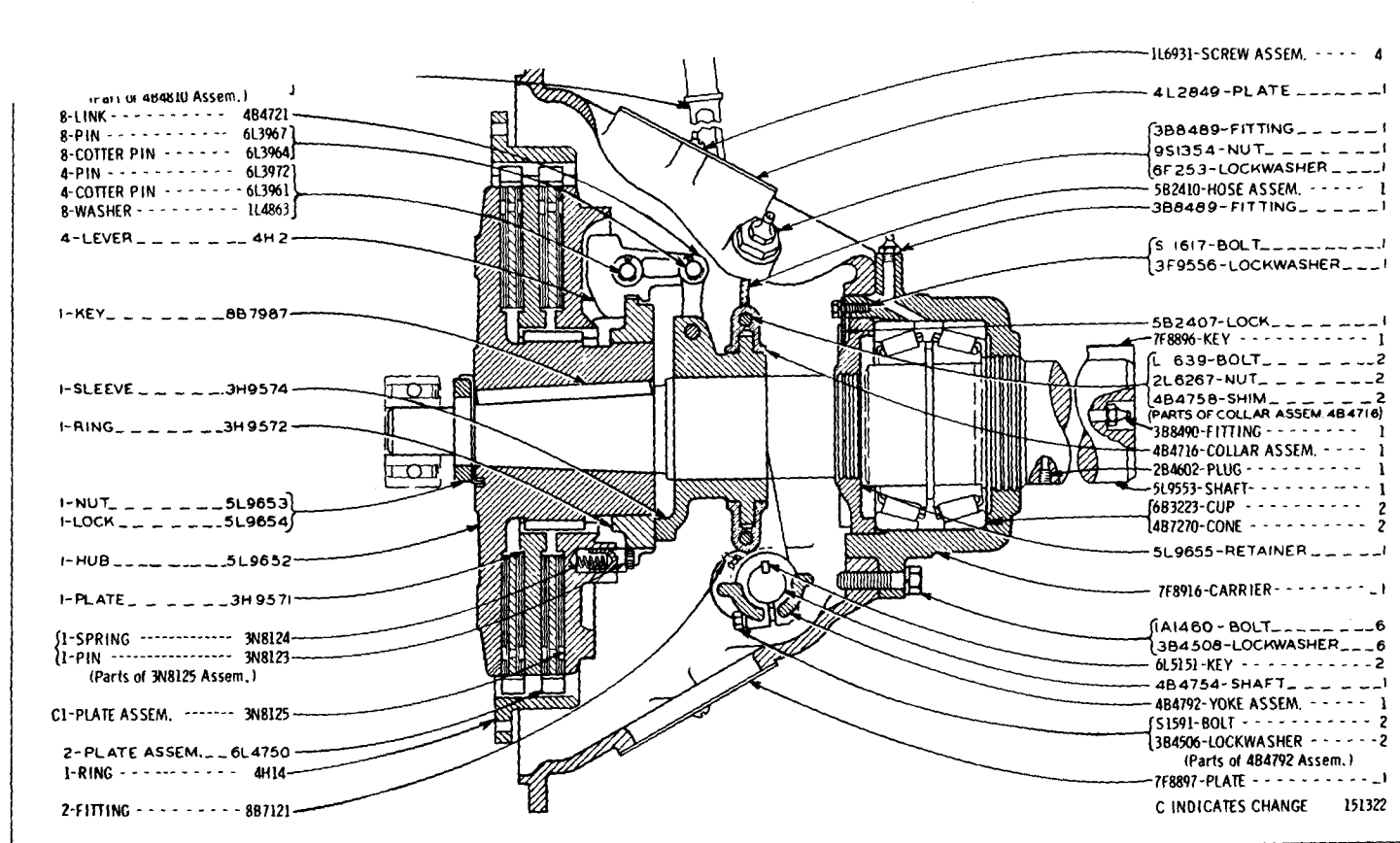
2R6914 FLYWHEEL CLUTCH GROUP
 2N6961 Clutch parts are shown on Page 220
 AN ATTACHMENT



3N8069 HOOD SIDE DOOR GROUP—Type 1
 NOT FOR USE WITH TURBOCHARGED AFTERCOOLED ENGINE

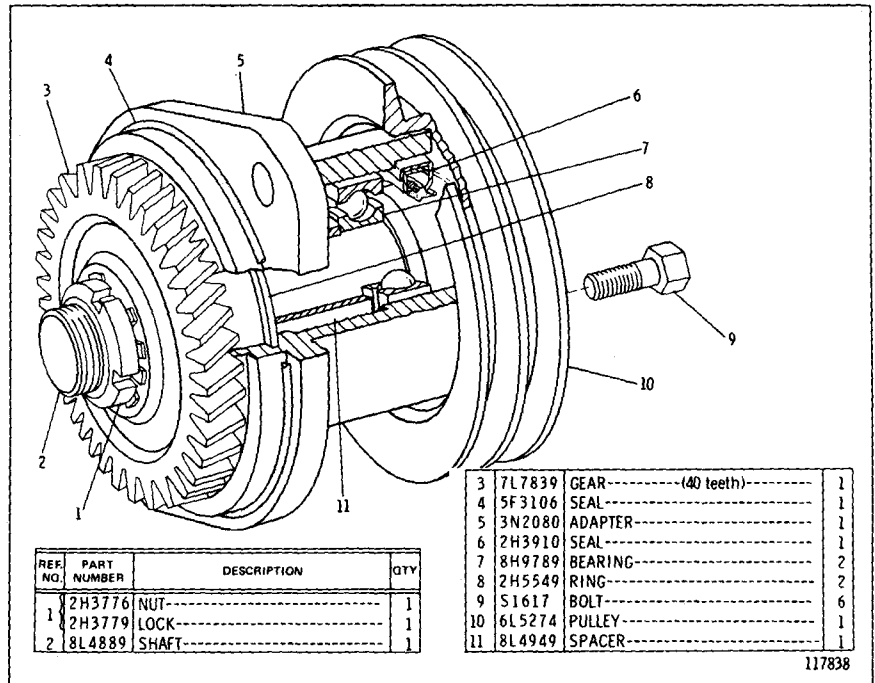


3N8069 HOOD SIDE DOOR GROUP—Type 2
 NOT FOR USE WITH TURBOCHARGED AFTERCOOLED ENGINE
 AN ATTACHMENT

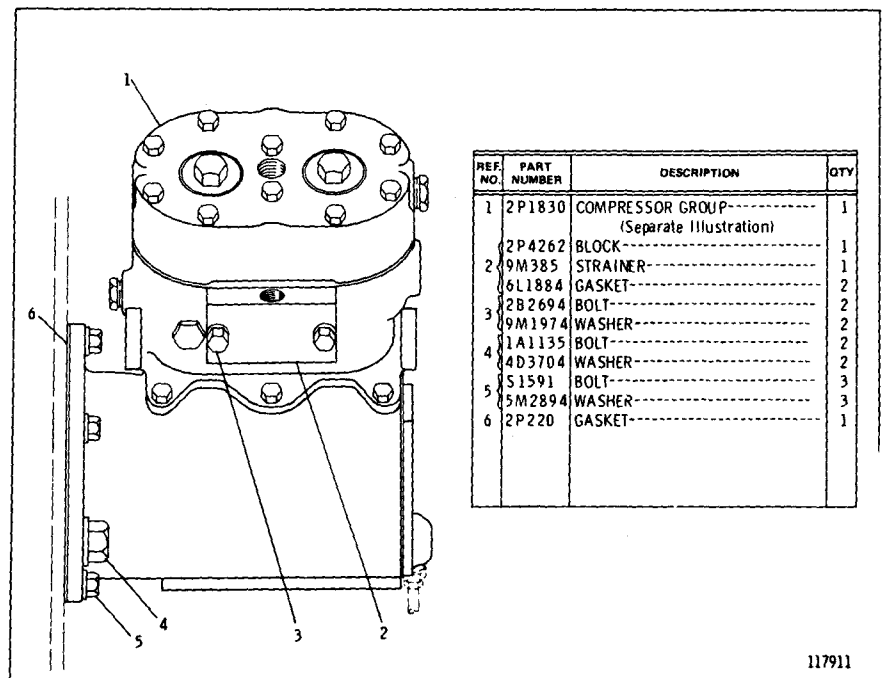


2N6961 CLUTCH ASSEMBLY
 Part of 2R6914 Flywheel Clutch Group shown on Page 219

GAUGES AND ACCESSORIES

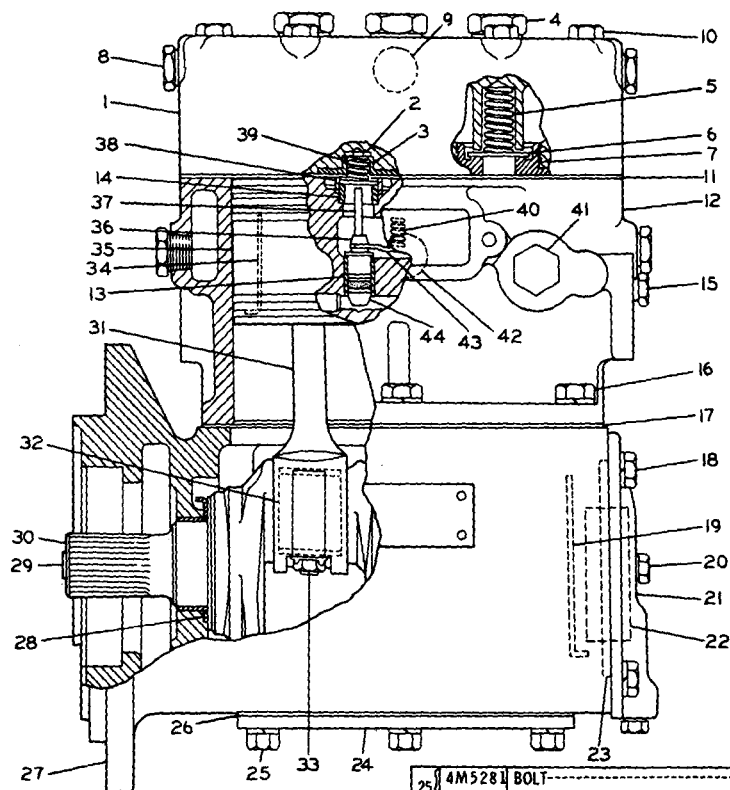


3N2081 AUXILIARY DRIVE GROUP
FOR USE WITH ATTACHMENTS NOT EXCEEDING 10 H.P.
AN ATTACHMENT



9L5762 AIR COMPRESSOR GROUP—Factory Installation
FOR USE WITH ATTACHMENT WATER PUMP AND AIR LINES. CANNOT BE USED
WITH SEA WATER PUMP. 2P1830 Air Compressor parts are shown on Page 222
AN ATTACHMENT

2P1830 AIR COMPRESSOR GROUP



EP O.	PART NUMBER	DESCRIPTION	QTY
1	9L5426	HEAD ASSEM.	1
2	9M387	SEAT	2
3	9M388	INSERT	2
4	9M386	CAP	2
5	3F4987	SPRING	2
6	3H5181	VALVE	2
7	9M394	SEAT	2
8	3J5389	PLUG	3
9	3L1850	PLUG	1
10	9M379	BOLT	10
11	2S1218	GASKET	1
12	9M410	BLOCK ASSEM.	1
13	9M382	BUSHING	2
14	9M381	SEAT	2
15	5M6213	PLUG	2
16	S1594	BOLT	6
17	3B4506	LOCKWASHER	6
18	1H7311	GASKET	1
19	M61	BOLT	4
20	L7318	LOCKWASHER	4
21	L1517	WASHER	1
22	M6214	PLUG	2
23	.3520	COVER ASSEM.	1
24	14245	BEARING	1
25	13931	SEAL	1
26	3079	COVER	1

25	4M5281	BOLT	6
26	3B4504	LOCKWASHER	1
27	3H5175	GASKET	1
28	2P7863	CRANKCASE	1
29	9L1518	WASHER	1
30	9F2247	PLUG	1
31	2P7862	CRANKSHAFT	1
32	8S4646	ROD ASSEM.	2
33	4N3994	BEARING	1
34	9M5181	BOLT	2
35	8S4645	LOCK	2
36	9M380	LOCK	2
37	3S915	PISTON ASSEM.	2
38	9L2271	GUIDE	2
39	9L2270	PLUNGER	2
40	9L2276	GUIDE	2
41	9L2277	VALVE	2
42	9L2278	SPRING	2
43	9L2273	SPRING	1
44	4M6410	SEAT	1
45	3J5390	PLUG	4
46	7M7410	PLUG	1
47	9L2272	SADDLE	1
48	9L2269	PISTON ASSEM.	2
49	4M6412	RING	1
50	3L6768	SEAL	1

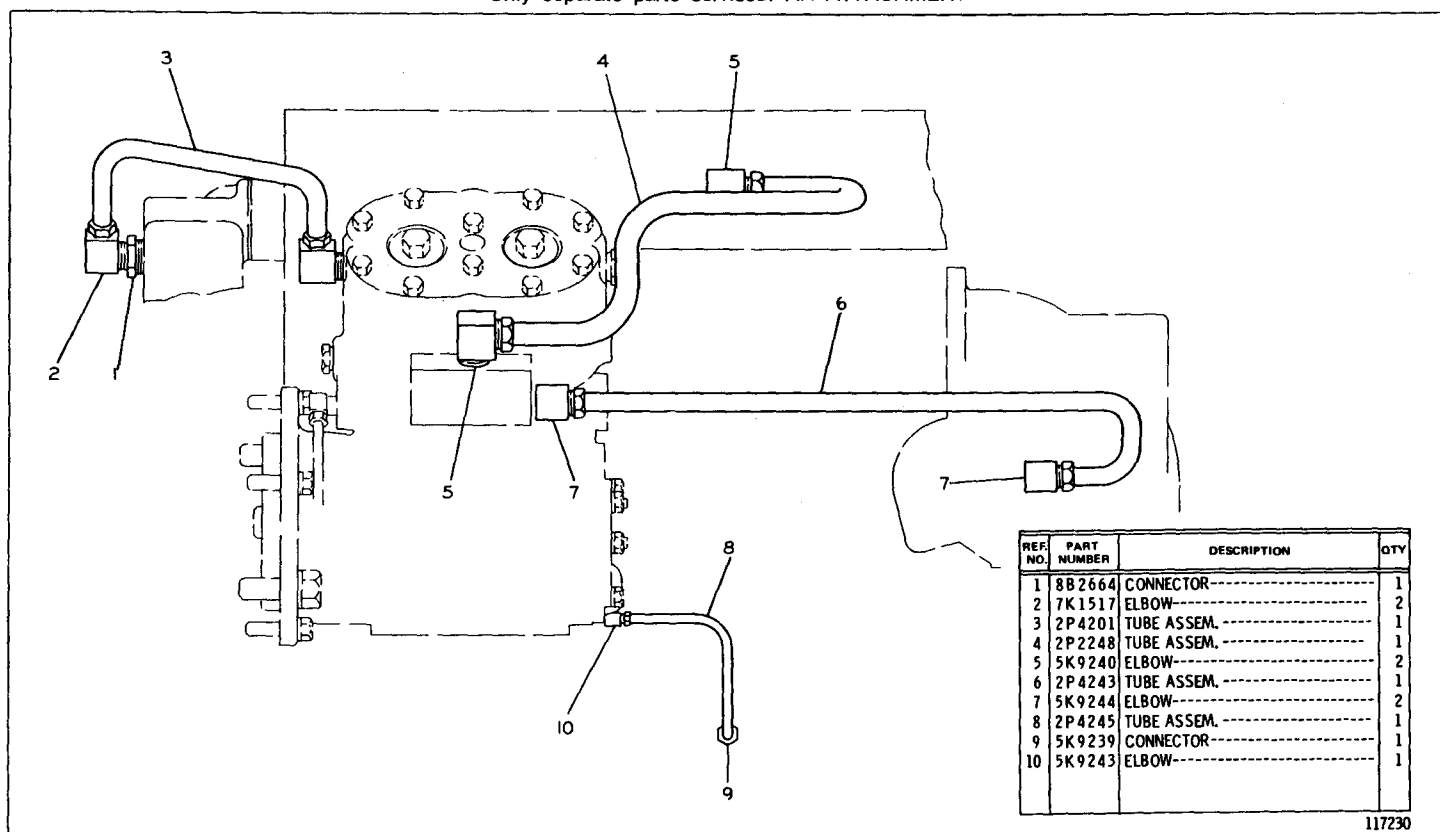
THE FOLLOWING REPAIR KITS ARE AVAILABLE:

9L947	KIT	(Gasket)	1
3S916	KIT	(Piston Ring)	1
		(Rings for Two Cast Iron Pistons)	

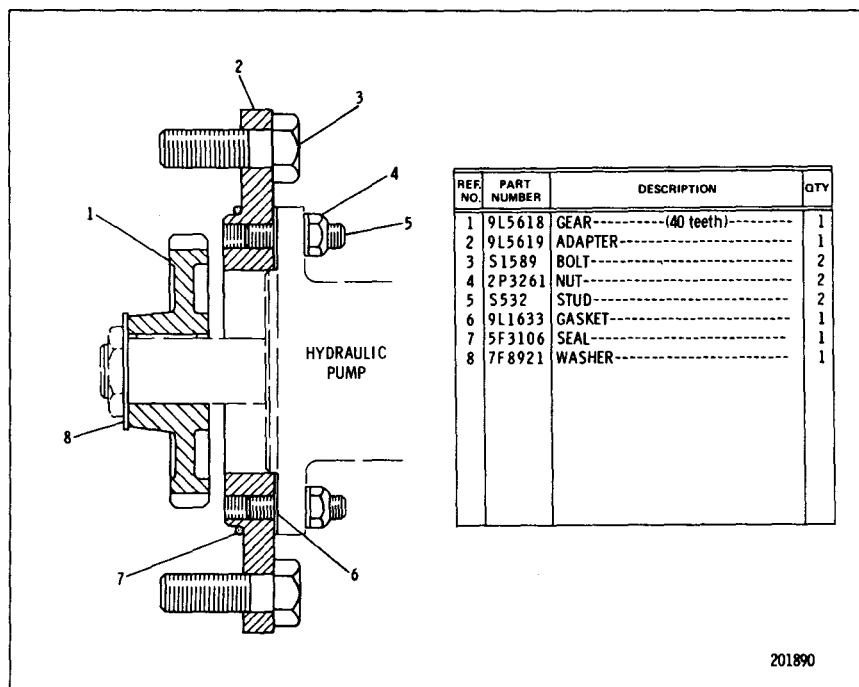
117229

2P1830 AIR COMPRESSOR GROUP
Part of 9L5762 Air Compressor shown on Page 221

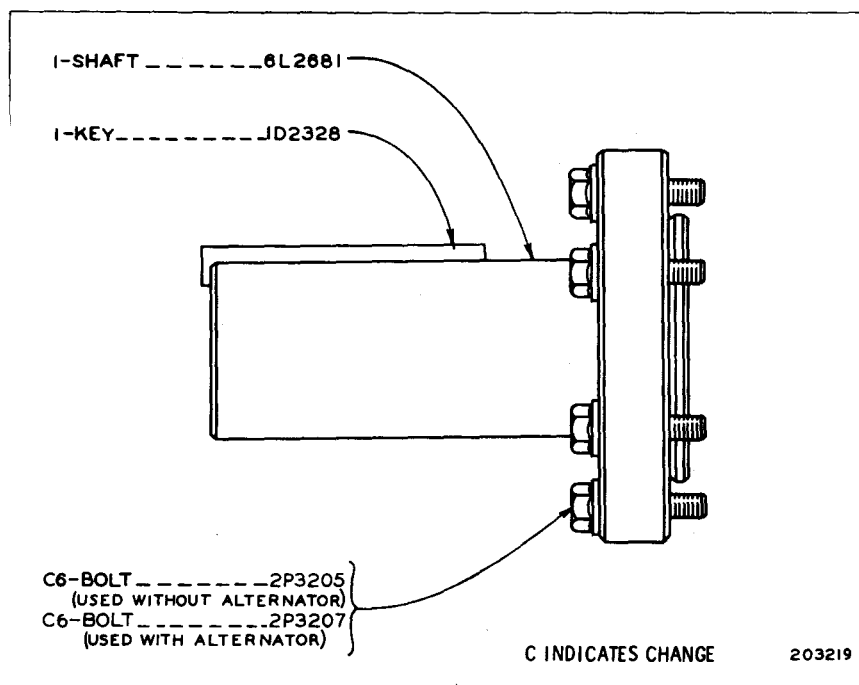
2P7799 AIR COMPRESSOR LINES GROUP
Only separate parts serviced. AN ATTACHMENT



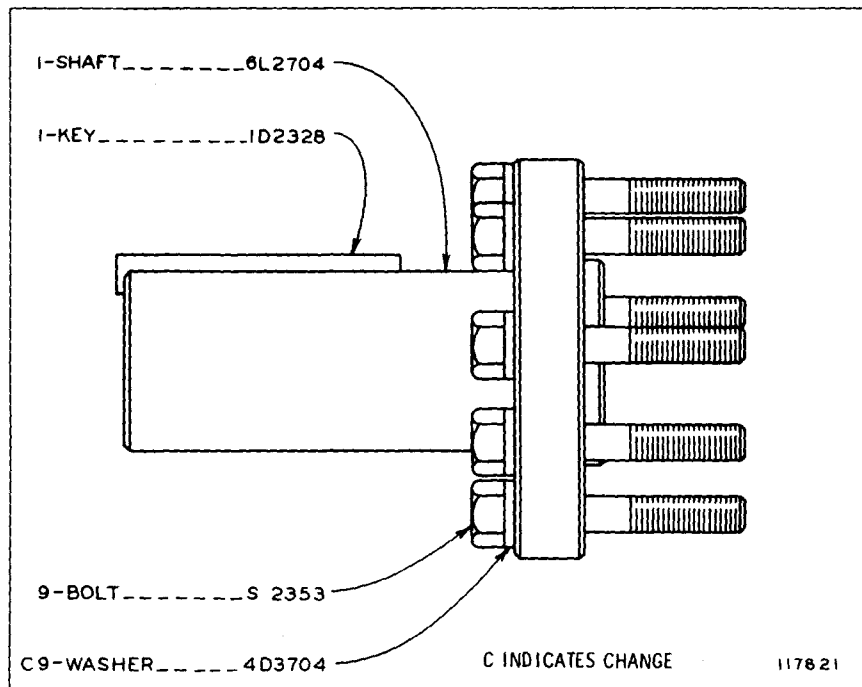
117230



9L5621 HYDRAULIC PUMP DRIVE GROUP
AN ATTACHMENT



6L2691 STUB SHAFT GROUP—Front Mounted
AN ATTACHMENT



6L2692 STUB SHAFT GROUP—Rear Mounted
AN ATTACHMENT

REPLACEMENT PARTS FOR GENERATORS

Only those generators which are sold and serviced exclusively by "Caterpillar" Dealers are illustrated on the following pages.

Externally-regulated "Caterpillar" Diesel Electric Sets are equipped with generators made by other manufacturers. Parts for these generators are NOT serviced by Caterpillar Tractor Co. Parts lists and parts should be ordered from the manufacturer whose name is shown on the Generator Name Plate, always giving the generator rating and serial number shown.

PIECES DE RECHANGE POUR GENERATRICES

Sur les pages suivantes, nous ne décrivons que les génératrices constantes dont la vente et la réparation est assurée par les concessionnaires Caterpillar.

Les Groupes électrogènes Caterpillar à régulation externe sont équipés de génératrices fabriquées par d'autres constructeurs. Les pièces pour ces génératrices ne sont pas fournies par Caterpillar Tractor Co. Il convient donc de s'adresser au constructeur dont le nom figure sur la plaque de la génératrice pour obtenir les listes de pièces et pour les commandes de pièces, en indiquant la puissance et le numéro de série de la génératrice.

REPUESTOS PARA GENERADORES

En las páginas siguientes solamente se ilustran los generadores que son vendidos y reparados exclusivamente por los Distribuidores Caterpillar.

Los Grupos Electrógenos "Caterpillar" de regulación externa están equipados con generadores de otros fabricantes. Caterpillar Tractor Co. no suministra repuestos para estos generadores. Las listas de repuestos y los repuestos mismos deberán dirigirse al fabricante cuyo nombre aparece en la placa de identificación del generador, indicando siempre la capacidad de éste y su número de serie indicado.

PECAS DE SUBSTITUICAO PARA GERADORES

Os ilustrados nas páginas seguintes somente os geradores vendidos e assistidos exclusivamente pelos revendedores Caterpillar.

As peças de substituição para os geradores dos Grupos Eletrógenos Caterpillar produzidos externamente são fabricadas por outras firmas e não são fornecidas pela Caterpillar Tractor Co. Para obter qualquer delas, bem como os catálogos de peças, dirija-se à firma cujo nome aparece na chapa de identificação do gerador, apresentando no pedido as especificações e o número de série do gerador.

ERSATZTEILE FÜR GENERATOREN

Nur diejenigen Generatoren welche ausschliesslich von CATERPILLAR Händlern verkauft und gewartet werden, sind auf den folgenden Seiten dargestellt.

Caterpillar Dieselstromaggregate mit Fremdregelung sind mit Generatoren ausgestattet, die von anderen Herstellern erzeugt werden. Ersatzteile für solche Generatoren werden NICHT auf Grund von Caterpillar Ersatzteillisten geliefert sondern müssen jeweils bei dem auf dem Firmenschild angegebenen Hersteller des Generators unter Angabe der Leistung und Seriennummer desselben bestellt werden.

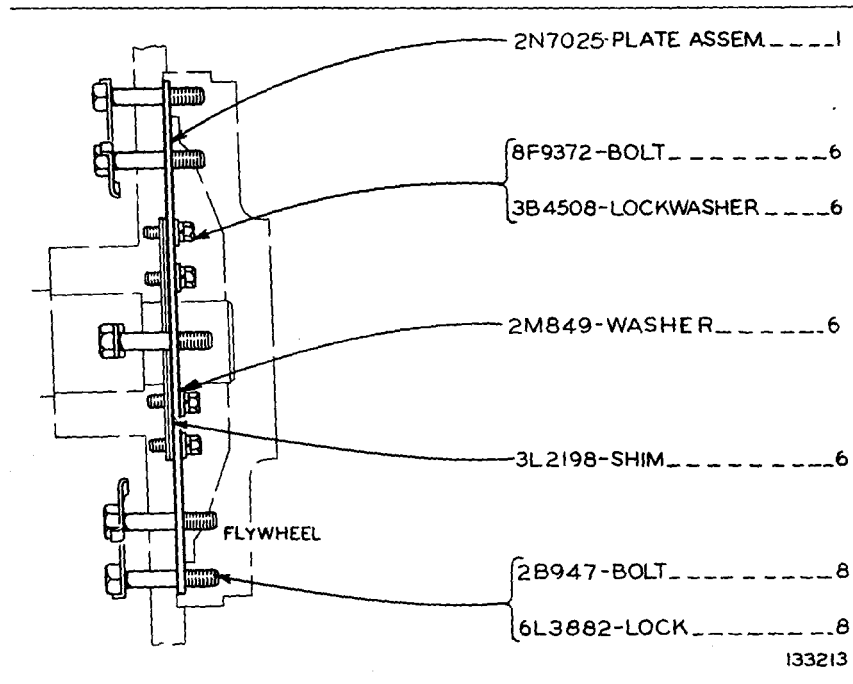
	CONSISTS OF:	PAGE
1	6L3916 COUPLING GROUP.....	228
8	1B4201 NUT--GENERATOR LINE LEADS	
12	3B4507 LOCKWASHER--GENERATOR TO ENGINE	
1	3B4510 LOCKWASHER--FLYWHEEL WEIGHT	
1	4B4043 BOLT--FLYWHEEL WEIGHT	
8	4B4276 WASHER--GENERATOR LINE LEADS	
1	4B4281 WASHER--FLYWHEEL WEIGHT	
8	S-1570 BOLT--GENERATOR LINE LEADS	
12	T772 BOLT--GENERATOR TO ENGINE	

3N4085 GENERATOR INSTALLATION ARRANGEMENT
Only separate parts serviced. AN ATTACHMENT

	CONSISTS OF:	PAGE
1	6L3916 COUPLING GROUP.....	228
8	1B4201 NUT--GENERATOR LINE LEADS	
12	3B4507 LOCKWASHER--GENERATOR TO ENGINE	
8	4B4276 WASHER--GENERATOR LINE LEADS	
8	S-1570 BOLT--GENERATOR LINE LEADS	
12	T-772 BOLT--GENERATOR TO ENGINE	

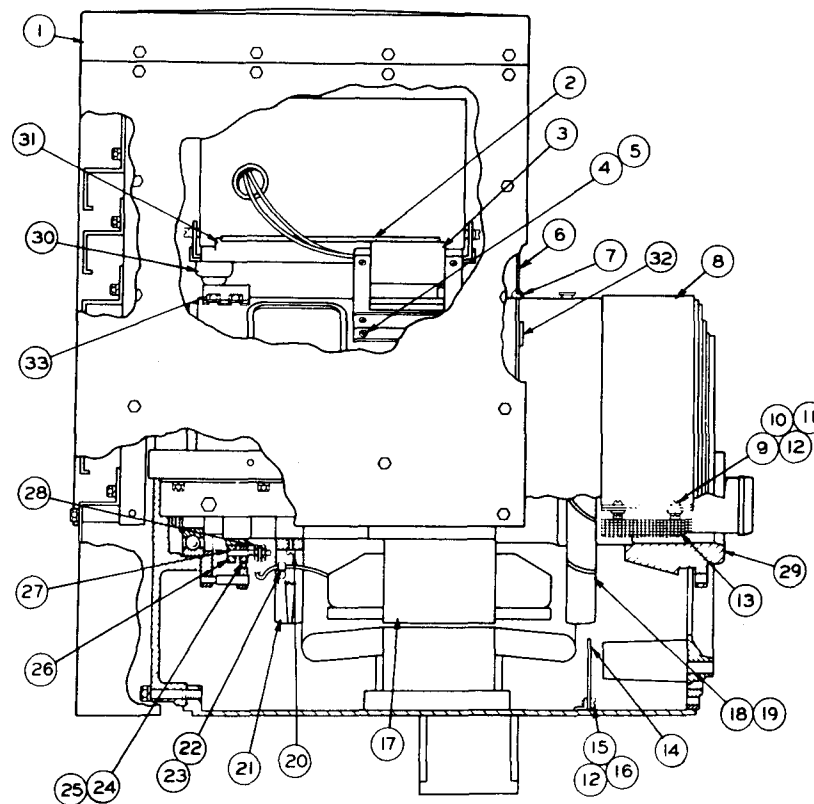
GENERATOR INSTALLATION ARRANGEMENT (3N3143 N/S)
AN ATTACHMENT

GENERATOR 3306 INDUSTRIAL ENGINE



6L3916 GENERATOR DRIVE COUPLING GROUP
Part of 3N4085 Generator Installation Arrangement and Generator
Installation Arrangement listed on Page 227

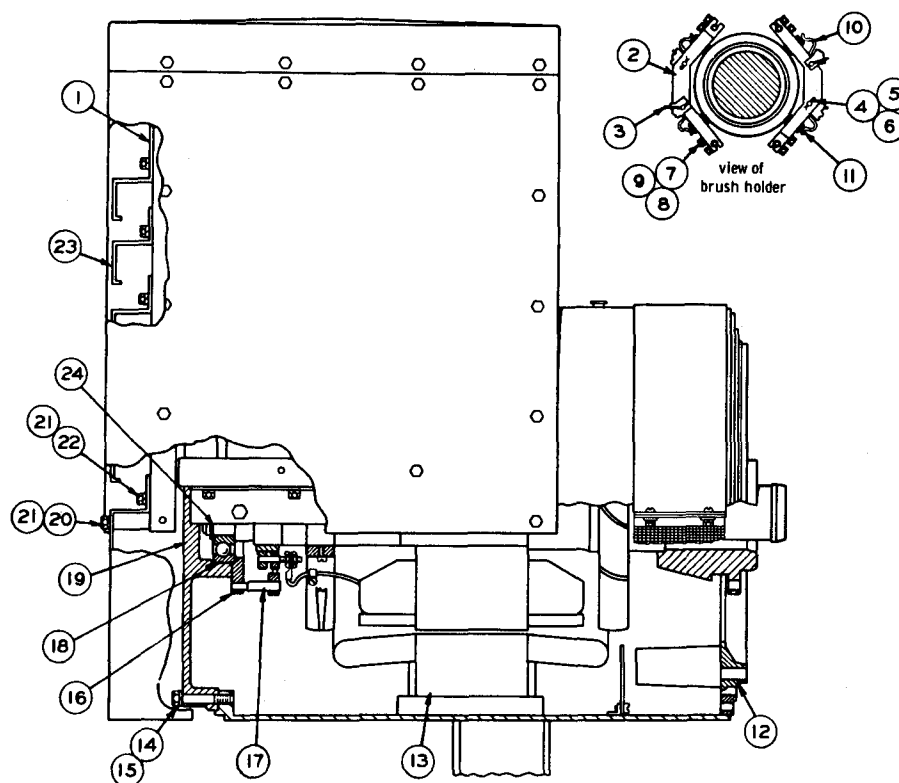
8L55 GENERATOR—3 Phase—Part 1 of 3
 Generator Serial No. 100TH3000—Up
 230-460 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M.



REF NO	PART NUMBER	DESCRIPTION	QTY
1	1N7220	COVER-----	1
2	8L8602	CHANNEL-----	1
3	6L7009	TRANSFORMER ASSEM.-----	1
4	7S4346	SCREW-----	4
5	9F5599	LOCKWASHER-----	4
6	1N7221	PANEL----- (Front)-----	1
7	1N7219	CHANNEL-----	1
8	2L5816	COVER-----	1
9	4B1259	SCREW-----	4
10	1B4330	NUT-----	4
11	3B4504	LOCKWASHER-----	4
12	4B4276	WASHER-----	10
13	2L5815	SCREEN-----	1
14	8L8419	DEFLECTOR-----	1
15	2A762	BOLT-----	6
16	7F9223	LOCKWASHER-----	6
17	3N6110	ROTOR ASSEM.-----	1
18	2N7620	FAN ASSEM.-----	1
19	2N7285	SCREW-----	2
20	2N7607	FAN ASSEM.-----	1
21	2N7285	SCREW-----	2
22	FM055243	FORM----- (Installing Fan Assem.)	1
23	6L7008	CLAMP-----	2
24	3H3627	SCREW-----	2
25	9B7233	LOCKWASHER-----	2
26	2L5820	RING ASSEM.----- (Inner)-----	1
27	2L4845	NUT-----	2
28	2L5821	RING ASSEM.----- (Outer)-----	1
29	2L4844	TUBE-----	1
30	2L4845	NUT-----	2
31	3L9963	HUB-----	1
32	7L893	SHOCK MOUNT-----	1
33	8L9821	SUPPORT ASSEM.-----	1
34	5H4871	PLUG-----	1
35	S1617	BOLT-----	8
36	1H7186	LOCKWASHER-----	8

C INDICATES CHANGE

117945



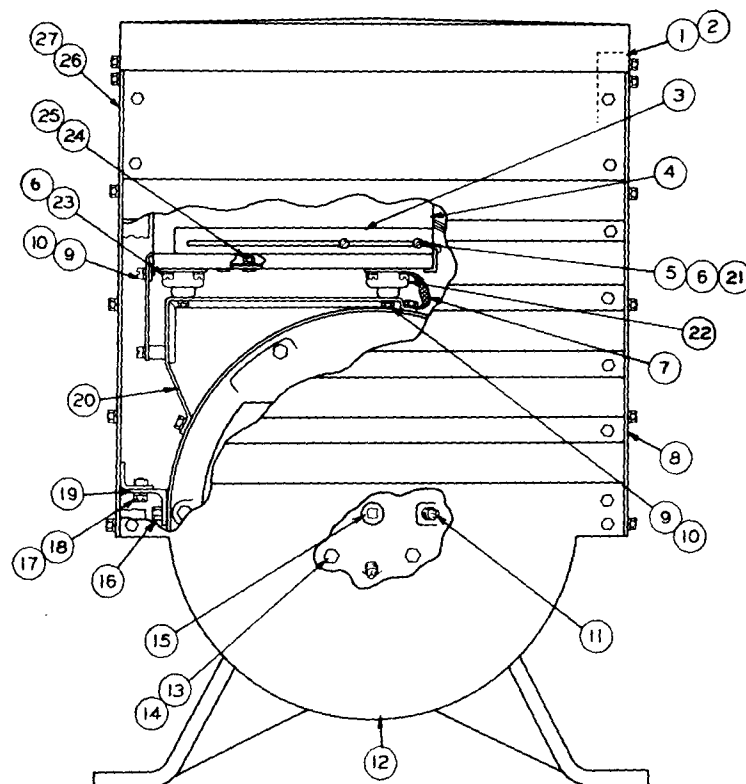
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1N7225	PANEL------(Meter)-----	1
2	2L5593	HOLDER ASSEM.-----	2
3	2L5594	HOLDER-----	1
4	2L4853	ARM-----	2
5	2L2076	PIN-----	2
6	3B4604	COTTER PIN-----	2
7	2L2073	WASHER-----	4
8	51614	BOLT-----(.50 in. Long)-----	2
9	51615	BOLT-----(.75 in. Long)-----	2
10	3B4504	LOCKWASHER-----	4
11	2L2074	SPRING-----	2
12	517056	BRUSH-----	4
13	6L3498	FAN-----	1
14	3N6115	STATOR ASSEM.-----	1
15	6L6648	CHANNEL-----	1
16	1A5822	BOLT-----	6
17	3B4508	LOCKWASHER-----	6
18	2L5590	RETAINER AND YOKE ASSEM.-----	1
19	2L4849	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

117946

8L55 GENERATOR—3 Phase—Part 2 of 3
 Generator Serial No. 100TH3000—Up
 230-460 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M.

8L55 GENERATOR—3 Phase—Part 3 of 3
 Generator Serial No. 100TH3000—Up. 230-460 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz
 at 1500 R.P.M. 2N7749 Exciter and Regulator parts are shown on Pages 258 and 259

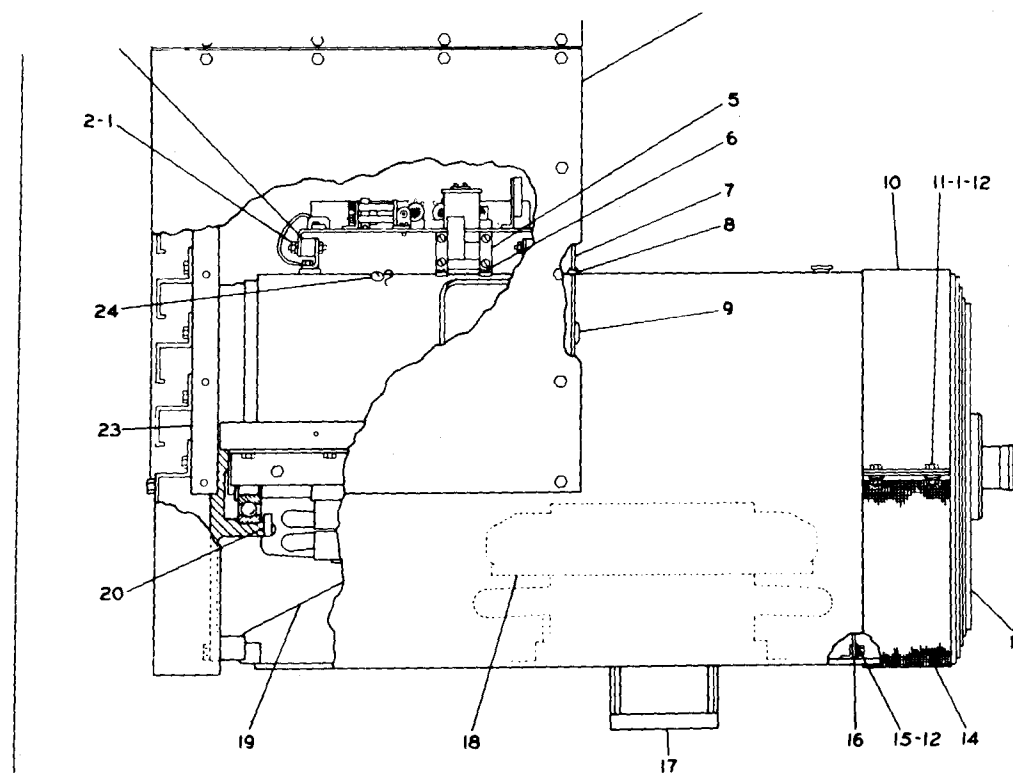


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1N7217	FRAME ASSEM.----- (R. H.)-----	1
2	1N7218	FRAME ASSEM.----- (L. H.)-----	1
3	8L9823	GUIDE-----	2
4	2N7749	EXCITER & REGULATOR ASSEM. --- (Separate Illustration)	1
5	9F9327	SCREW-----	4
6	8F1434	LOCKWASHER-----	20
7	8L5476	STRAP-----	1
8	1N7223	PANEL----- (Side)-----	2
9	51614	BOLT-----	6
10	7F9223	LOCKWASHER-----	6
11	2B4602	PLUG-----	2
12	1N7222	COVER ASSEM.-----	1
13	11352	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	7S4346	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:			
	7L2327	KIT----- (Stator Rewind)-----	1
	6L6669	KIT----- (Rotor Balance weight)-----	1

C INDICATES CHANGE

117947

GENERAL URS

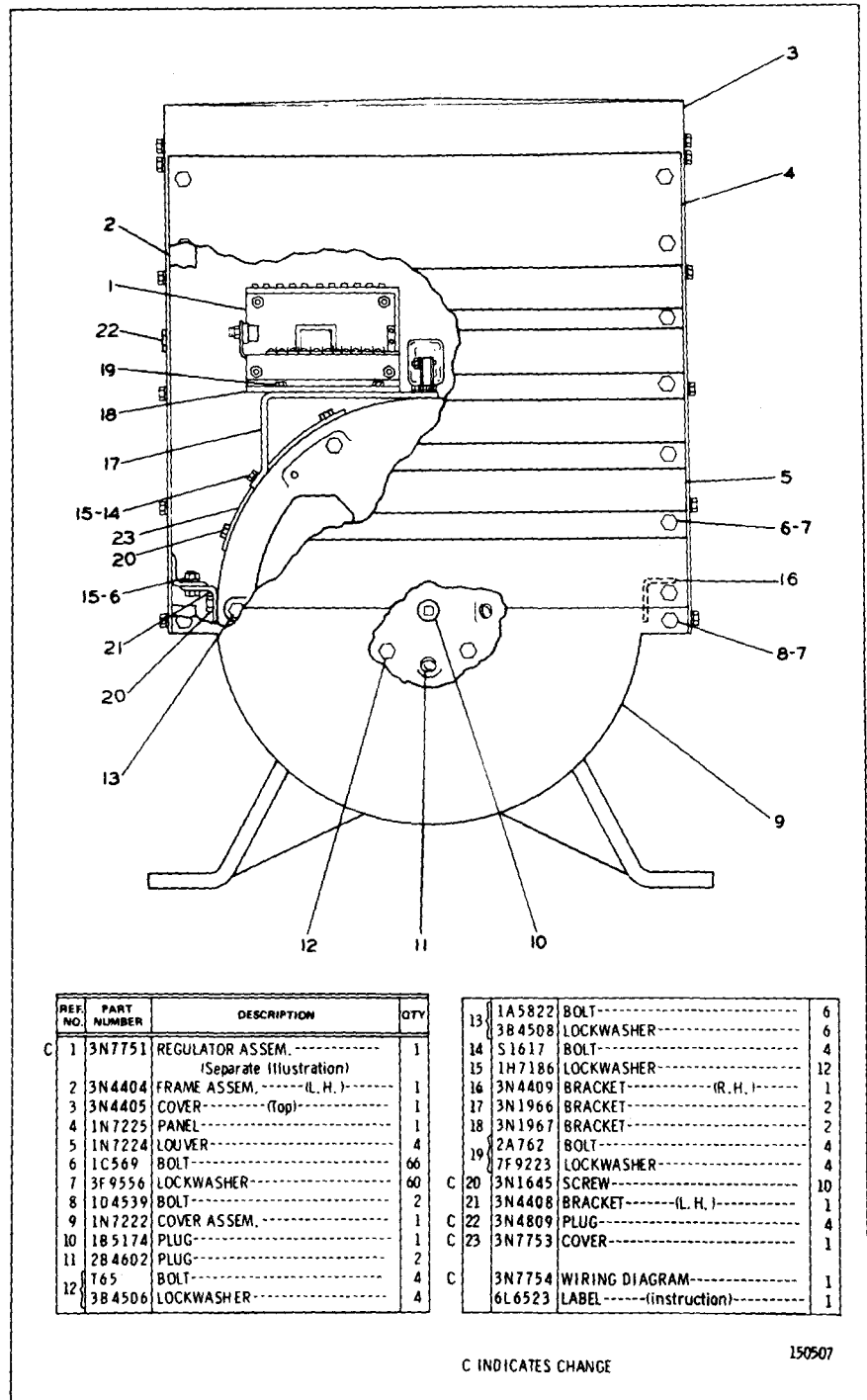


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B4330	NUT-----	12
2	1H3244	LOCKWASHER-----	8
3	3N1968	SHOCKMOUNT-----	4
4	3N4406	PANEL----- (R. H.)-----	1
5	3N4407	PANEL----- (L. H.)-----	1
6	3N1964	TRANSFORMER ASSEM.-----	1
7	7S4346	SCREW-----	4
8	9F5599	LOCKWASHER-----	4
9	1N7221	PANEL-----	1
10	1N7219	CHANNEL-----	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	3N6014	STATOR ASSEM.-----	1
22	6L6648	CHANNEL-----	1
23	3N6015	ROTOR ASSEM.----- (Separate Illustration)	1
24	3N6021	BRACKET ASSEM.-----	1
25	3N1963	RETAINER-----	2
26	3N1965	BEARING-----	1
27	6S1753	RING-----	1
28	3N4403	FRAME ASSEM.----- (R. H.)-----	1
29	6L7008	CLAMP-----	2
30	4B1240	SCREW-----	1
31	4L1250	NUT-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
32	3N2136	KIT----- (Stator Rewind)-----	1
33	6L6669	KIT----- (Rotor Balance Weight)-----	1

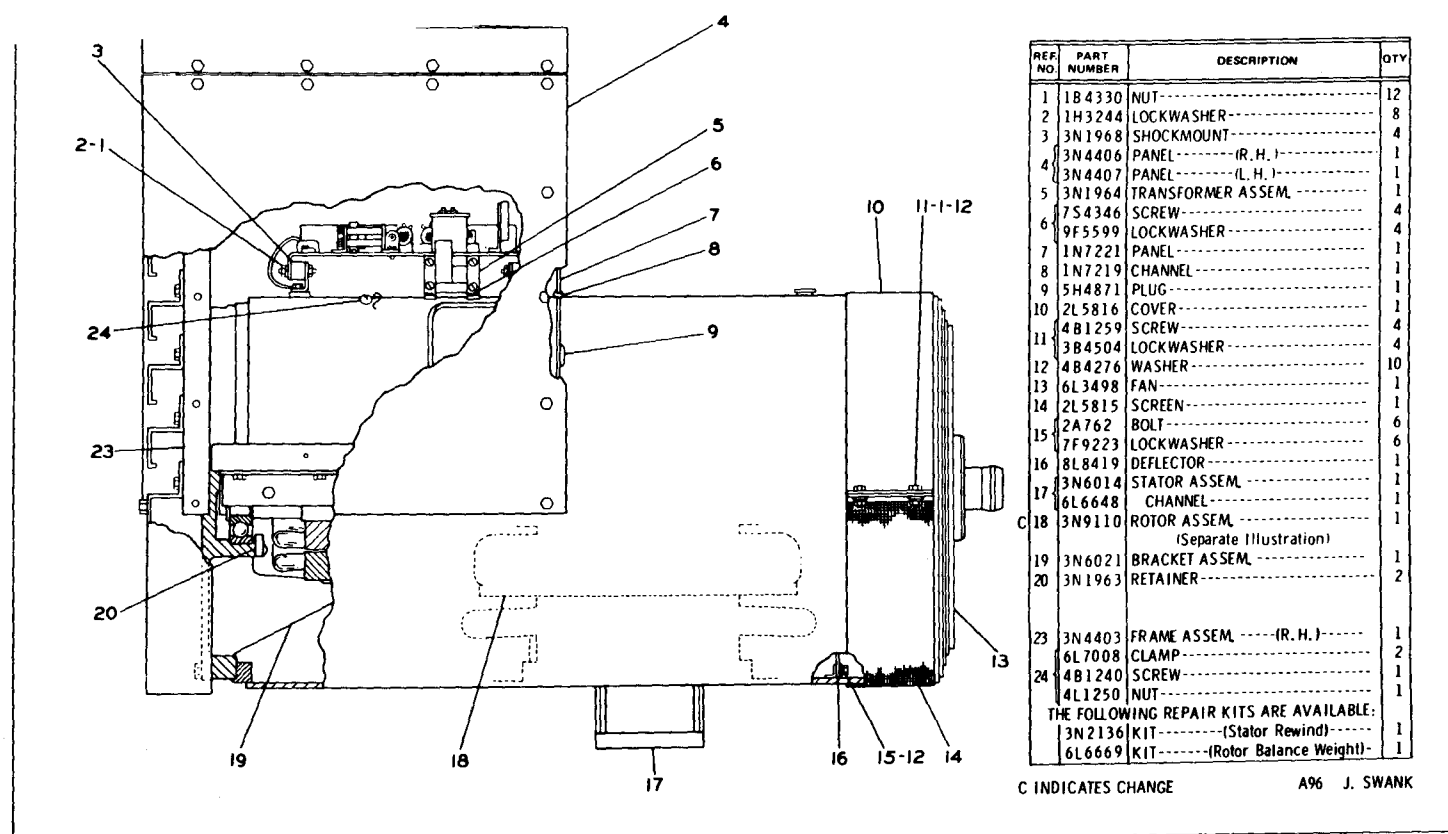
150506

5N17 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 135BS300 to 135BS599 inclusive
 208-416 Volt, 60 hertz at 1800 R.P.M. 3N6015 Rotor parts are shown on Page 266

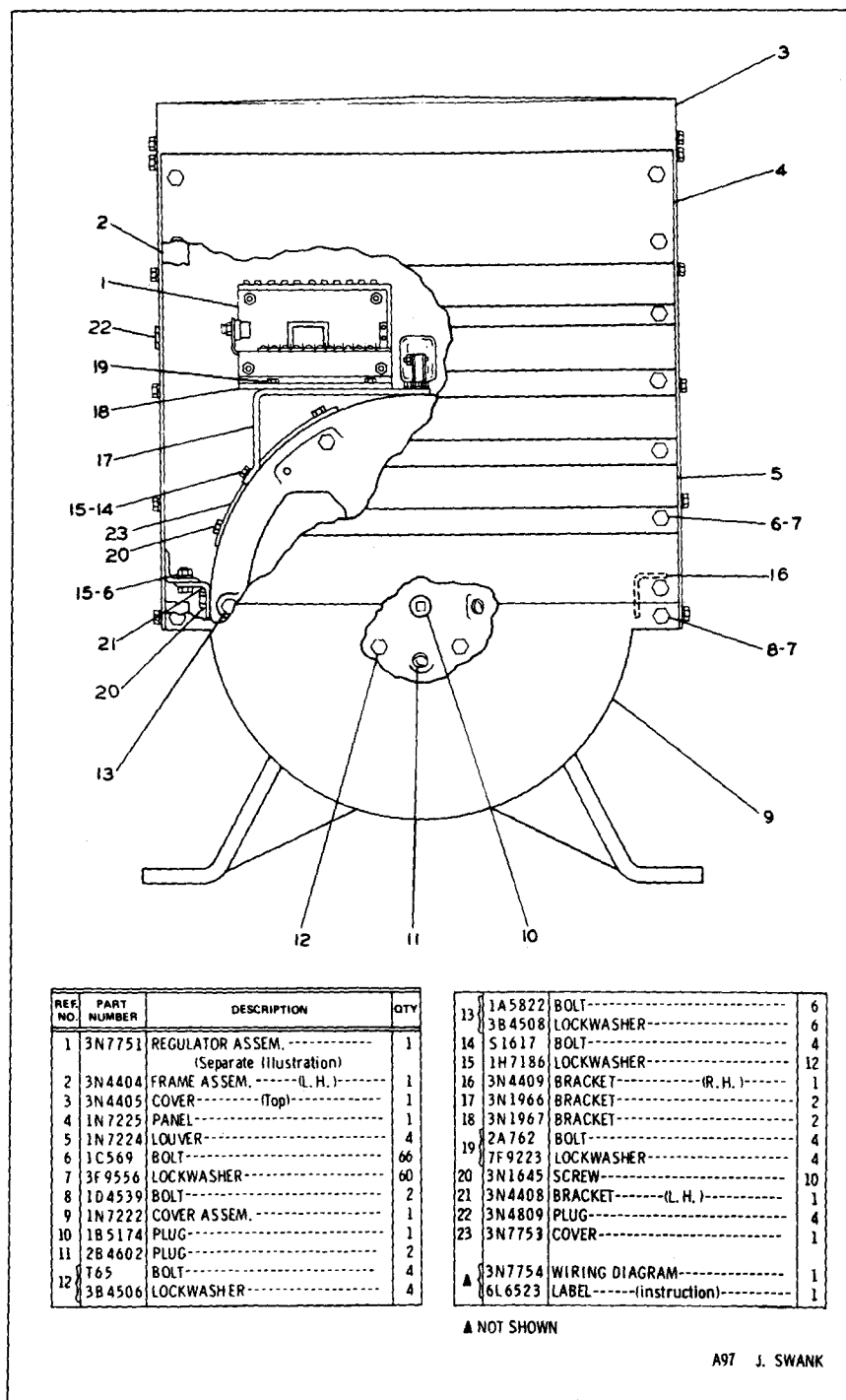
GENERATOR



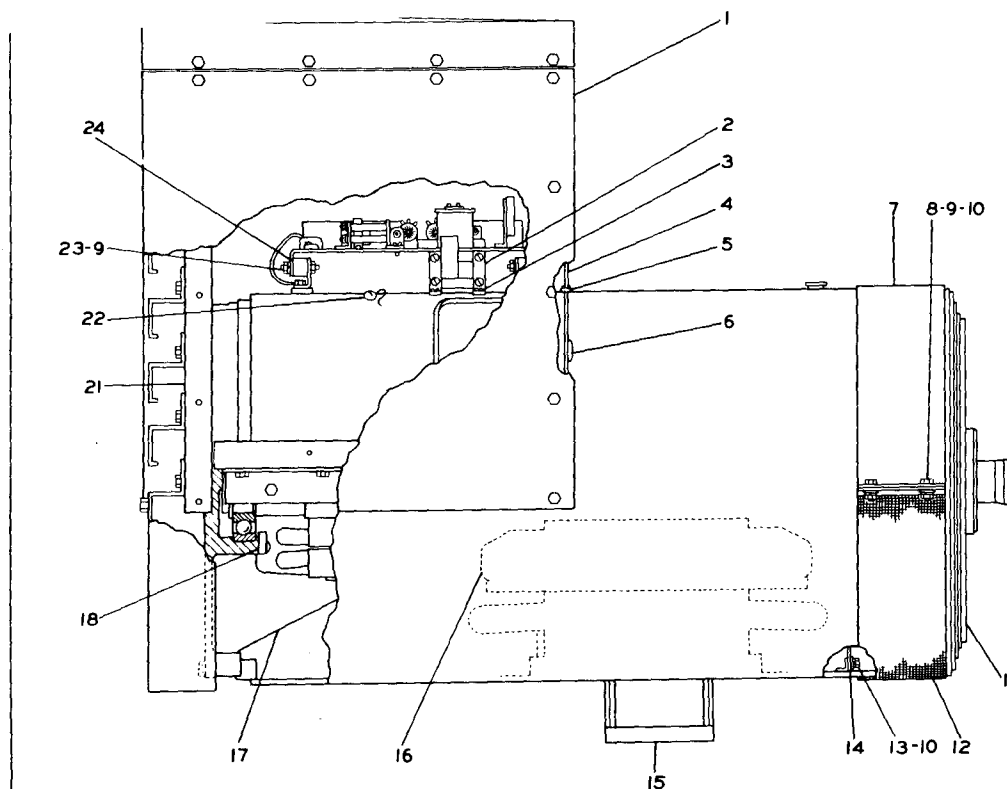
5N17 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 135BS300 to 135BS599 inclusive. 208-416 Volt, 60 hertz at 180 R.P.M. 3N7751 Regulator parts are shown on Page 257



5N17 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 135BS600—Up
 208-416 Volt, 60 hertz at 1800 R.P.M. 3N9110 Rotor parts are shown Page 266A



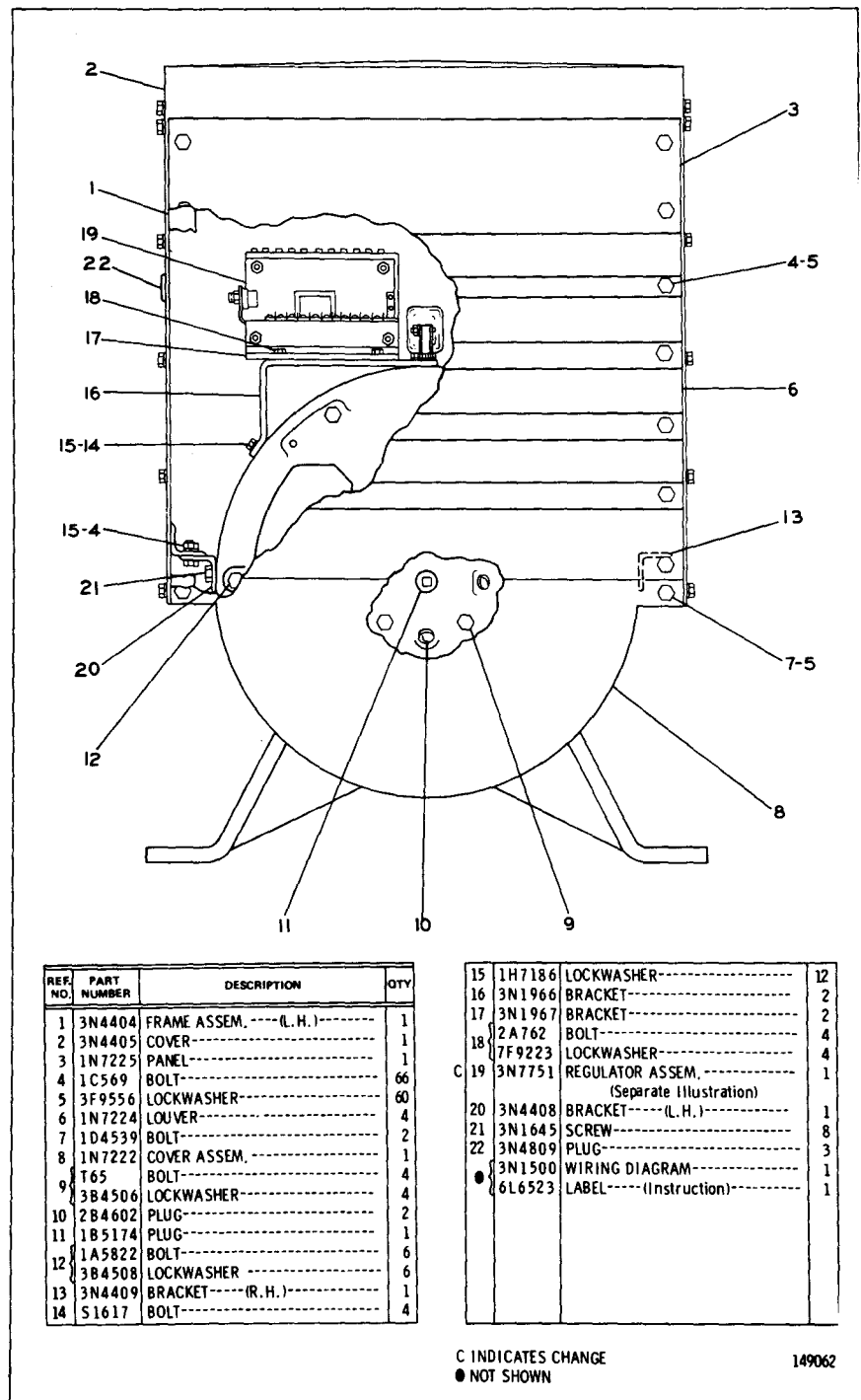
5N17 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 135BS600—Up
 208-416 Volt, 60 hertz at 1800 R.P.M. 3N7751 Regulator parts are shown on Page 257



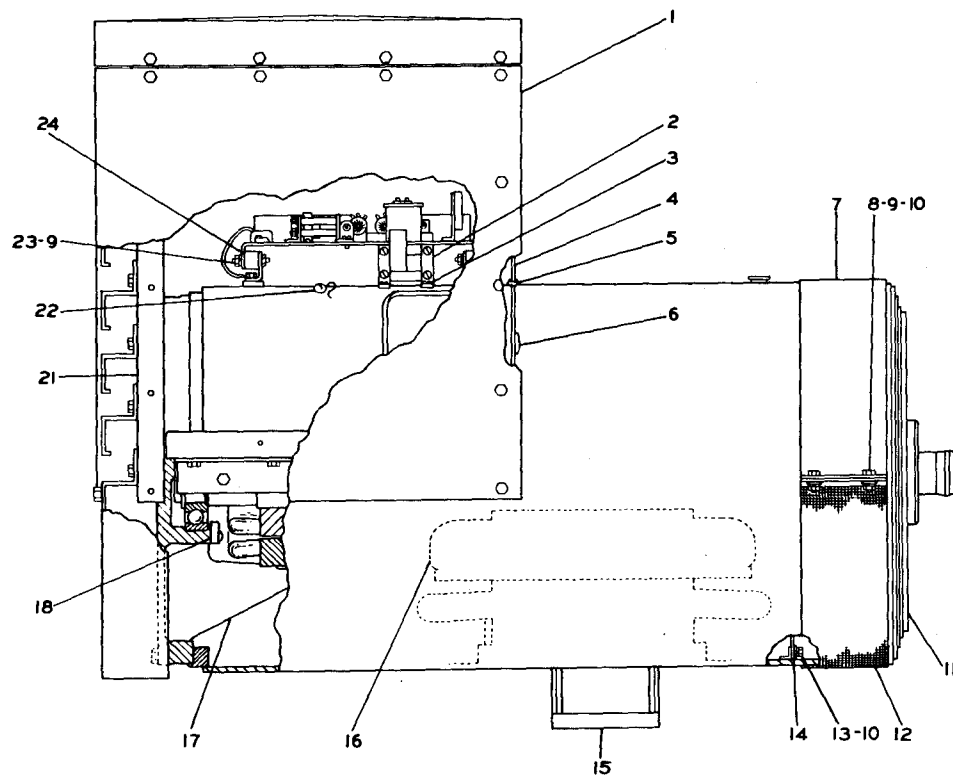
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4406	PANEL----- (R. H.)-----	1
1	3N4407	PANEL----- (L. H.)-----	1
2	3N1964	TRANSFORMER ASSEM.-----	1
3	7S4346	SCREW-----	4
3	9F5599	LOCKWASHER-----	4
4	1N7221	PANEL-----	1
5	1N7219	CHANNEL-----	1
6	5H4871	PLUG-----	1
7	2L5816	COVER-----	1
8	4B1259	SCREW-----	4
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
15	3N7261	STATOR ASSEM.-----	1
15	6L6648	CHANNEL-----	1
16	3N7263	ROTOR ASSEM.----- (Separate Illustration)	1
17	3N6021	BRACKET ASSEM.-----	1
18	3N1963	RETAINER-----	2
21	3N4403	FRAME ASSEM.----- (R. H.)-----	1
22	6L7008	CLAMP-----	2
22	4B1240	SCREW-----	1
23	4L1250	NUT-----	1
23	1H3244	LOCKWASHER-----	8
24	3N1968	SHOCKMOUNT-----	4
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N2135	KIT----- (Stator Rewind)-----	1
	6L6669	KIT----- (Rotor Balance Weight)-----	1

144906

5N14 GENERATOR—3 Phase—Side View
Generator Serial No. 44BS300 to 44BS599 inclusive. 208-416 Volt, 60 hertz at 1800 R.P.M.
3N7263 Rotor parts are shown on Page 264



5N14 GENERATOR—3 Phase—End View
Generator Serial No. 44BS300 to 44BS599 inclusive. 208-416 Volt, 60 hertz at 1800 R.P.M. 3N7751 Regulator parts are shown on Page 257

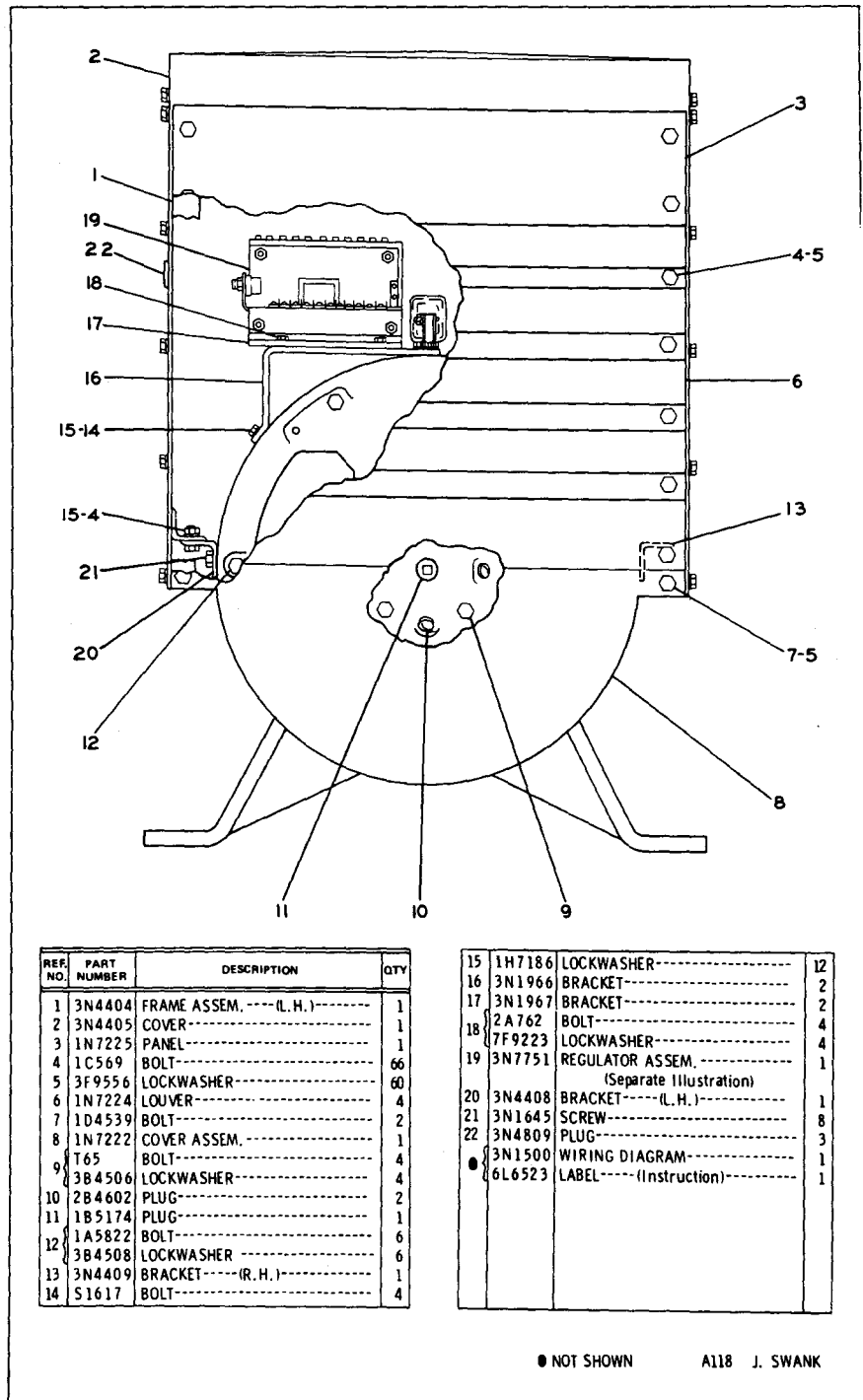


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4406	PANEL----- (R. H.)-----	1
1	3N4407	PANEL----- (L. H.)-----	1
2	3N1964	TRANSFORMER ASSEM.-----	1
3	7S4346	SCREW-----	4
3	9F5599	LOCKWASHER-----	4
4	1N7221	PANEL-----	1
5	1N7219	CHANNEL-----	1
6	5H4871	PLUG-----	1
7	2L5816	COVER-----	1
8	4B1259	SCREW-----	4
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
15	3N7261	STATOR ASSEM.-----	1
15	6L6648	CHANNEL-----	1
16	3N9109	ROTOR ASSEM.-----	1
		(Separate Illustration)	
17	3N6021	BRACKET ASSEM.-----	1
18	3N1963	RETAINER-----	2
21	3N4403	FRAME ASSEM.----- (R. H.)-----	1
	6L7008	CLAMP-----	2
22	4B1240	SCREW-----	1
	4L1250	NUT-----	1
23	1H3244	LOCKWASHER-----	8
24	3N1968	SHOCKMOUNT-----	4
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N2135	KIT----- (Stator Rewind)-----	1
	6L6669	KIT----- (Rotor Balance Weight)-----	1

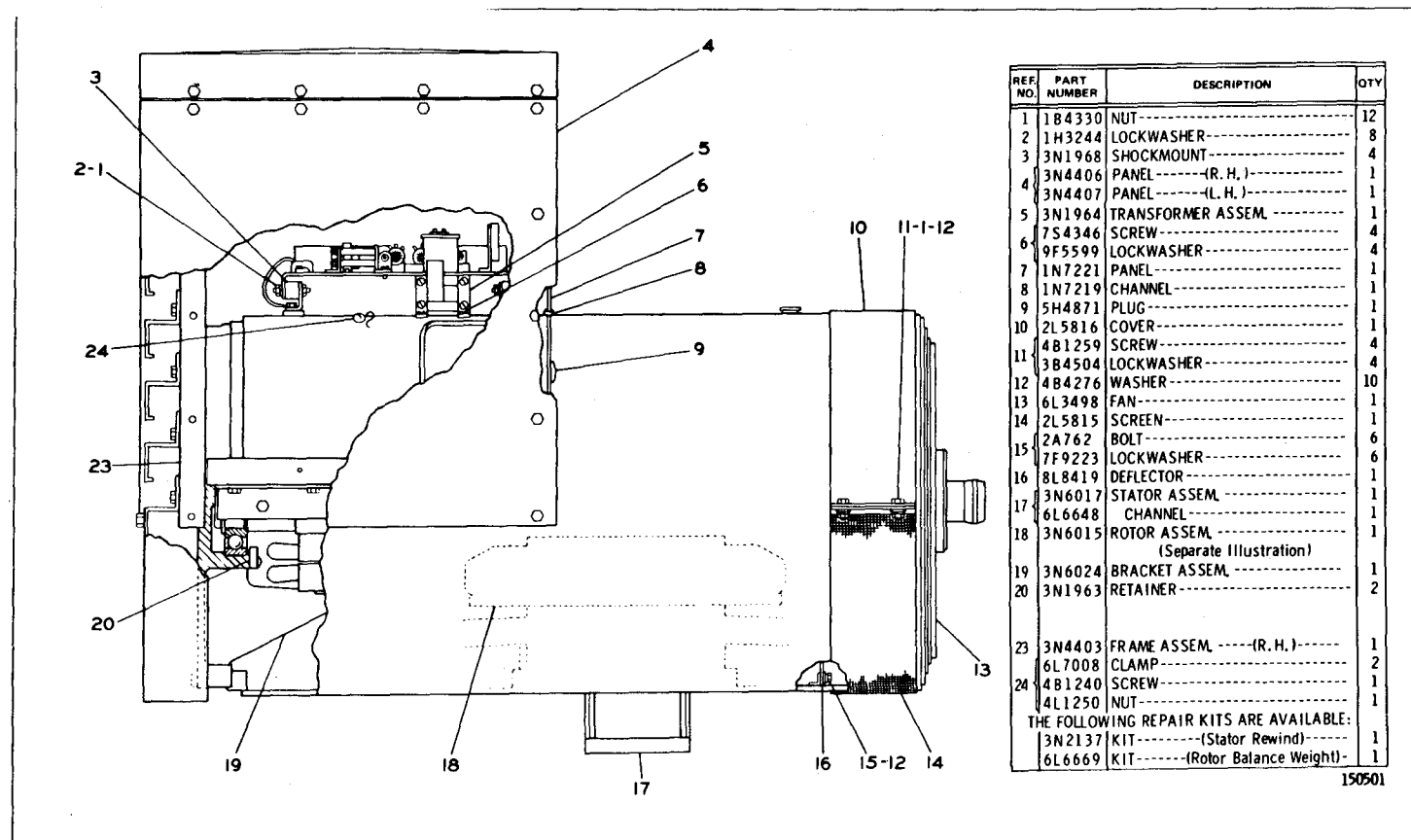
C INDICATES CHANGE

A117 J. SWANK

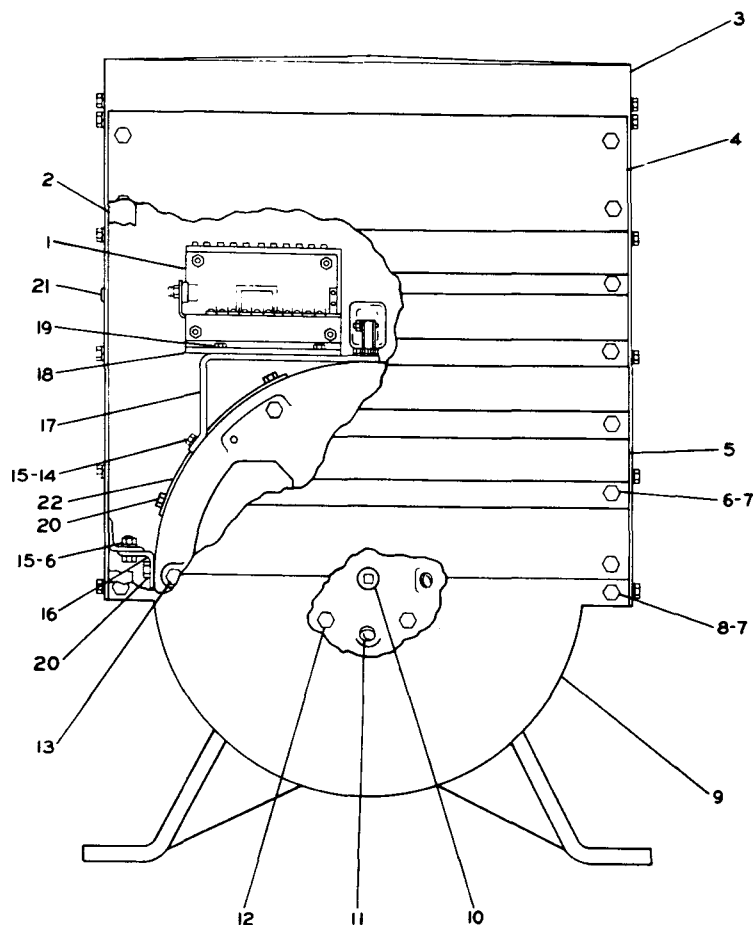
5N14 GENERATOR—3 Phase—Side View
 Generator Serial No. 44BS600—Up
 208-416 Volt, 60 hertz at 1800 R.P.M. 3N9109 Rotor parts are shown on Page 264A



5N14 GENERATOR—3 Phase—End View
 Generator Serial No. 44BS600—Up. 208-416 Volt, 60 hertz at 1800 R.P.M.
 3N7751 Regulator parts are shown on Page 257



5N18 GENERATOR ASSEMBLY—3 Phase—Side View
 Generator Serial No. 135BH300 to 135BH499 inclusive. 240-480 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M. 3N6015 Rotor parts are shown on Page 266



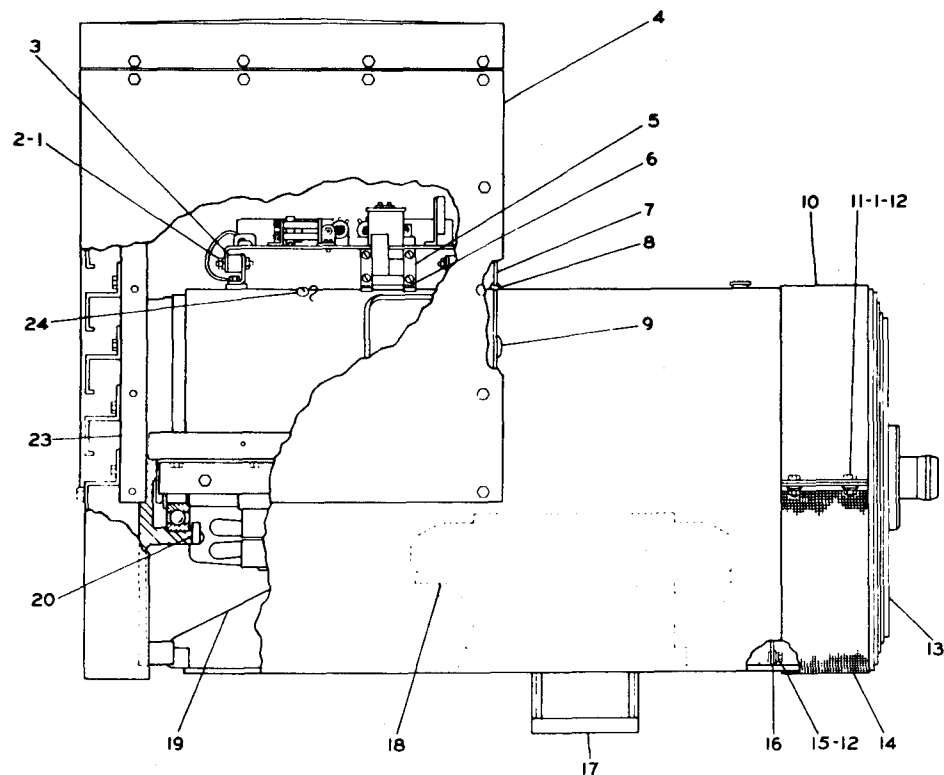
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. -----(L. H.)----	1
3	3N4405	COVER-----	1
4	1N7225	PANEL-----	1
5	1N7224	LOUVER-----	4
6	1C569	BOLT-----	66
7	3F9556	LOCKWASHER-----	60
8	1D4539	BOLT-----	2
9	1N7222	COVER ASSEM. -----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

12	T65	BOLT-----	4
13	3B4506	LOCKWASHER-----	4
14	1A5822	BOLT-----	6
15	3B4508	LOCKWASHER-----	6
16	S1617	BOLT-----	4
17	1H7186	LOCKWASHER-----	12
18	3N4408	BRACKET----- (L. H.)----	1
19	3N4409	BRACKET----- (R. H.)----	1
20	3N1966	BRACKET-----	2
21	3N1967	BRACKET-----	2
22	2A762	BOLT-----	4
C 20	7F9223	LOCKWASHER-----	4
C 21	3N1645	SCREW-----	10
C 22	3N4809	PLUG-----	4
	3N7753	COVER-----	1
	3N7754	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instructions)-----	1

150502

C INDICATES CHANGE

5N18 GENERATOR ASSEMBLY—3 Phase—End View
 Generator Serial No. 135BH300 to 135BH499 inclusive. 240-480 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M. 3N7748 Regulator parts are shown on Page 262

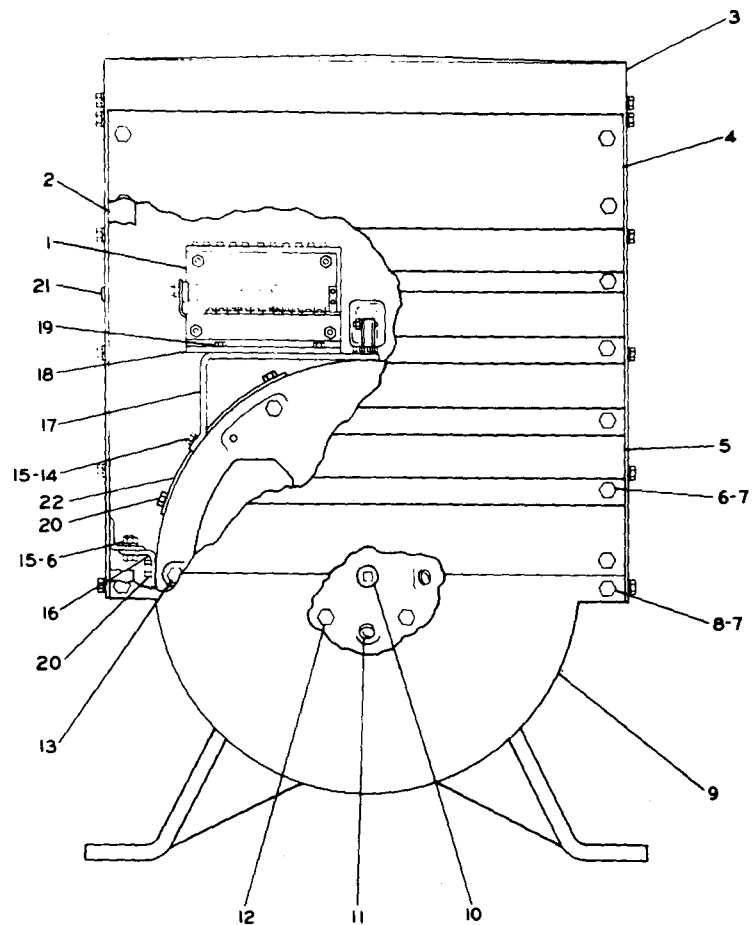


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B4330	NUT-----	12
2	1H3244	LOCKWASHER-----	8
3	3N1968	SHOCKMOUNT-----	4
4	3N4406	PANEL----- (R. H.)-----	1
5	3N4407	PANEL----- (L. H.)-----	1
6	3N1964	TRANSFORMER ASSEM.-----	1
7	7S4346	SCREW-----	4
8	9F5599	LOCKWASHER-----	4
9	1N7221	PANEL-----	1
10	1N7219	CHANNEL-----	1
11	5H4871	PLUG-----	1
12	2L5816	COVER-----	1
13	4B1259	SCREW-----	4
14	4B4276	LOCKWASHER-----	4
15	6L3498	WASHER-----	10
16	2L5815	FAN-----	1
17	2A762	SCREEN-----	1
18	7F9223	BOLT-----	6
19	8L8419	LOCKWASHER-----	6
20	3N8778	DEFLECTOR-----	1
21	6L6648	STATOR ASSEM.-----	1
22	3N6015	CHANNEL-----	1
23	3N6024	ROTOR ASSEM.-----	1
24	3N1963	(Separate Illustration)	1
		BRACKET ASSEM.-----	1
		RETAINER-----	2
		FRAME ASSEM.----- (R. H.)-----	1
		CLAMP-----	2
		SCREW-----	1
		NUT-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	3N8779	KIT----- (Stator Rewind)-----	1
	6L6669	KIT----- (Rotor Balance Weight)-----	1

C INDICATES CHANGE

155220

5N18 GENERATOR —3 Phase—Side View
 Generator Serial No. 45BH500 to 45BH599 inclusive
 240-480 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M.
 3N6015 Rotor parts are shown on Page 266

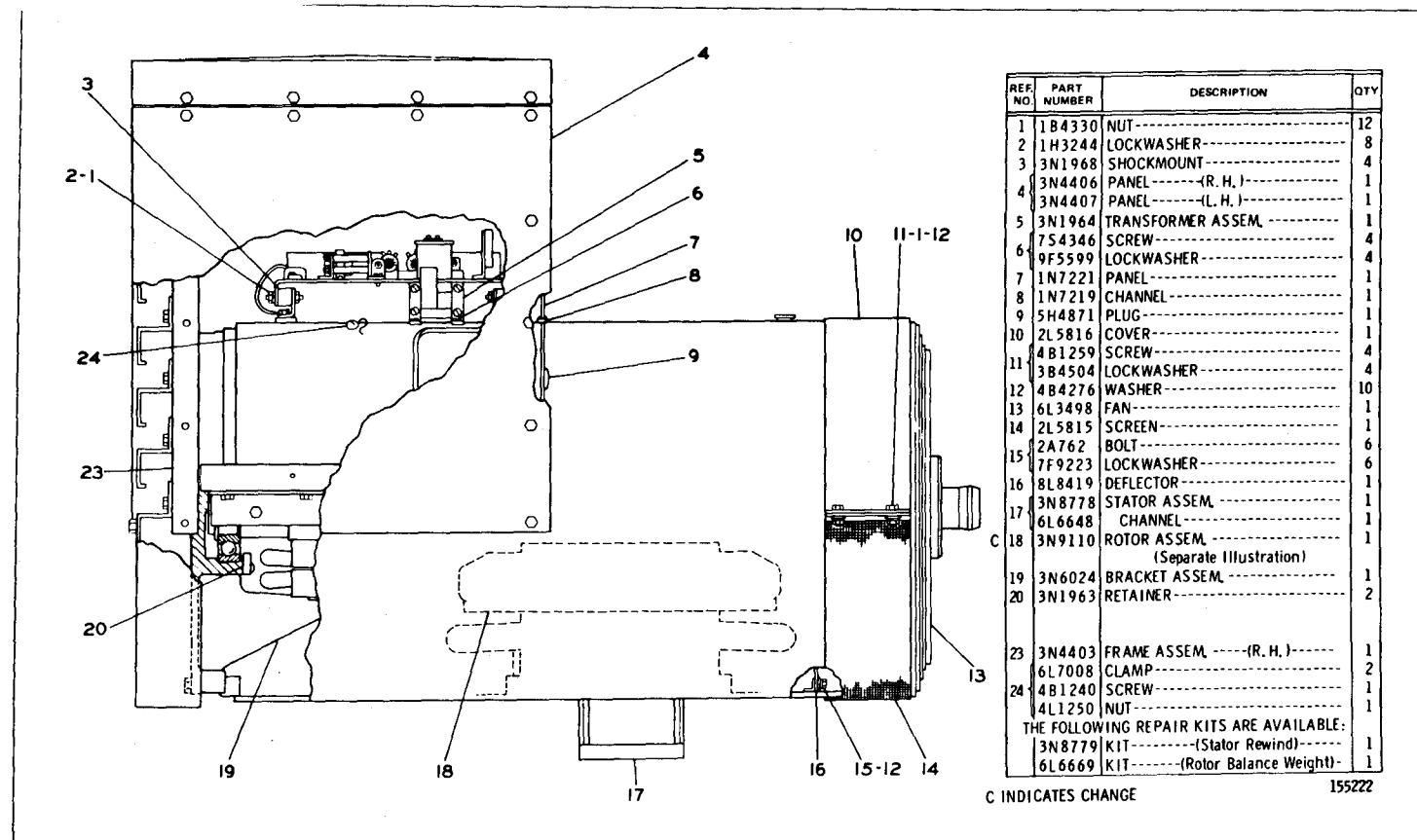


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. ----- (Separate Illustration)	1
2	3N4404	FRAME ASSEM. -----(L. H.)-----	1
3	3N4405	COVER -----	1
4	1N7225	PANEL -----	1
5	1N7224	LOUVER -----	4
6	1C569	BOLT -----	66
7	3F9556	LOCKWASHER -----	60
8	1D4539	BOLT -----	2
9	1N7222	COVER ASSEM.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

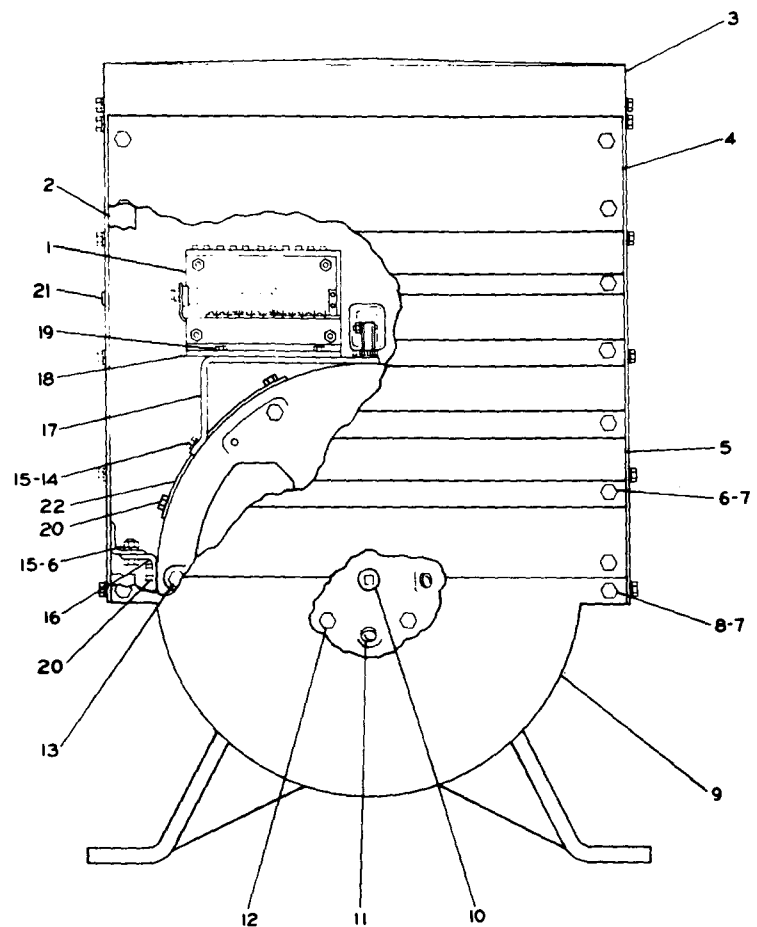
12	T65	BOLT -----	4
13	3B4506	LOCKWASHER -----	4
14	1A5822	BOLT -----	6
15	3B4508	LOCKWASHER -----	6
16	S1617	BOLT -----	4
17	1H7186	LOCKWASHER -----	12
18	3N4408	BRACKET -----(L. H.)-----	1
19	3N4409	BRACKET -----(R. H.)-----	1
20	3N1966	BRACKET -----	2
21	3N1967	BRACKET -----	2
22	2A762	BOLT -----	4
	7F9223	LOCKWASHER -----	4
	3N1645	SCREW -----	10
	3N4809	PLUG -----	4
	3N7753	COVER -----	1
	3N7754	WIRING DIAGRAM -----	1
	6L6523	LABEL -----(Instructions)-----	1

155221

5N18 GENERATOR ASSEMBLY—3 Phase—End View
Generator Serial No. 45BH500 to 45BH599 inclusive. 240-480 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M. 3N7748 Regulator parts are shown on Page 262



5N18 GENERATOR —3 Phase—Side View
 Generator Serial No. 45BH600—Up
 240-480 Volt, 60 hertz at 1800 R.P.M. or 200-400 Volt, 50 hertz at 1500 R.P.M.
 3N9110 Rotor parts are shown on Page 266A

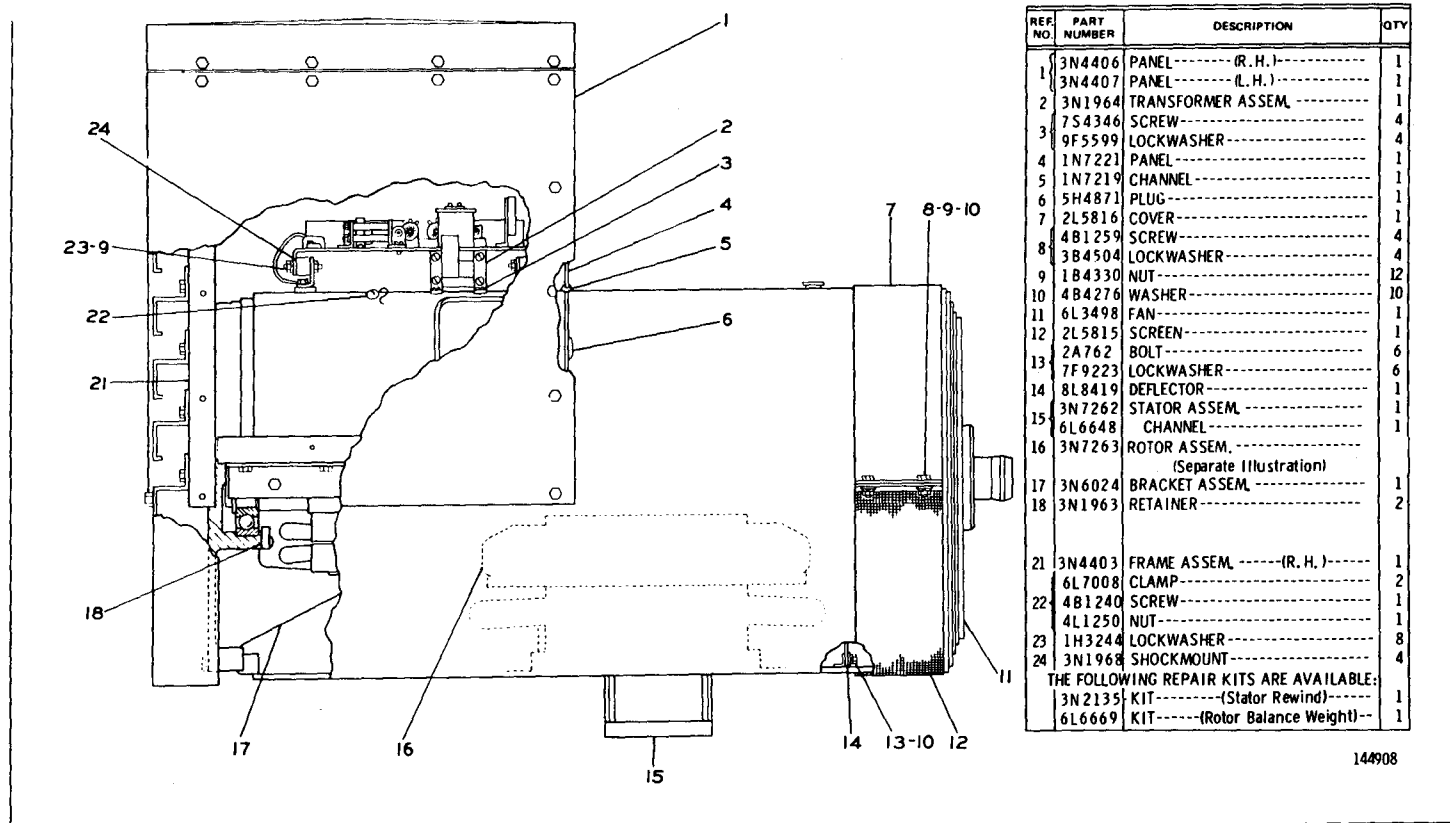


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N7748	REGULATOR ASSEM. (Separate Illustration)	1
2	3N4404	FRAME ASSEM.(L. H.)....	1
3	3N4405	COVER.....	1
4	1N7225	PANEL.....	1
5	1N7224	LOUVER.....	4
6	1C569	BOLT.....	66
7	3F9556	LOCKWASHER.....	60
8	1D4539	BOLT.....	2
9	1N7222	COVER ASSEM.	1
10	1B5174	PLUG.....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

12	T65	BOLT.....	4
12	3B4506	LOCKWASHER.....	4
13	1A5822	BOLT.....	6
13	3B4508	LOCKWASHER.....	6
14	S1617	BOLT.....	4
15	1H7186	LOCKWASHER.....	12
16	3N4408	BRACKET.....(L. H.)....	1
16	3N4409	BRACKET.....(R. H.)....	1
17	3N1966	BRACKET.....	2
18	3N1967	BRACKET.....	2
19	2A762	BOLT.....	4
19	7F9223	LOCKWASHER.....	4
20	3N1645	SCREW.....	10
21	3N4809	PLUG.....	4
22	3N7753	COVER.....	1
	3N7754	WIRING DIAGRAM.....	1
	6L6523	LABEL.....(instructions)	1

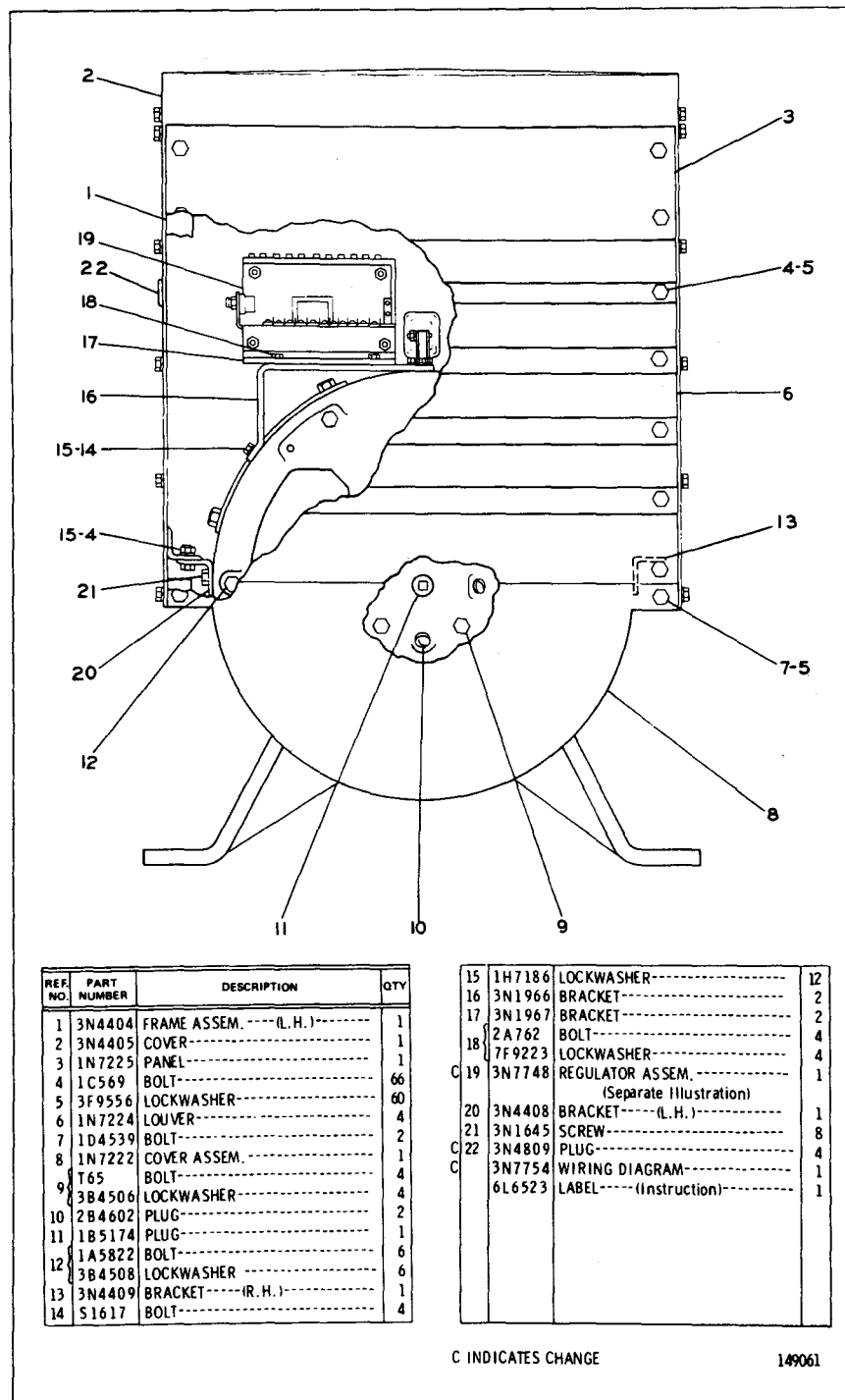
155221

5N18 GENERATOR — 3 Phase—End View
 Generator Serial No. 45BH600—Up. 240-480 Volt, 60 hertz at 1800 R.P.M. or
 200-400 Volt, 50 hertz at 1500 R.P.M. 3N7748 Regulator parts are shown on Page 262

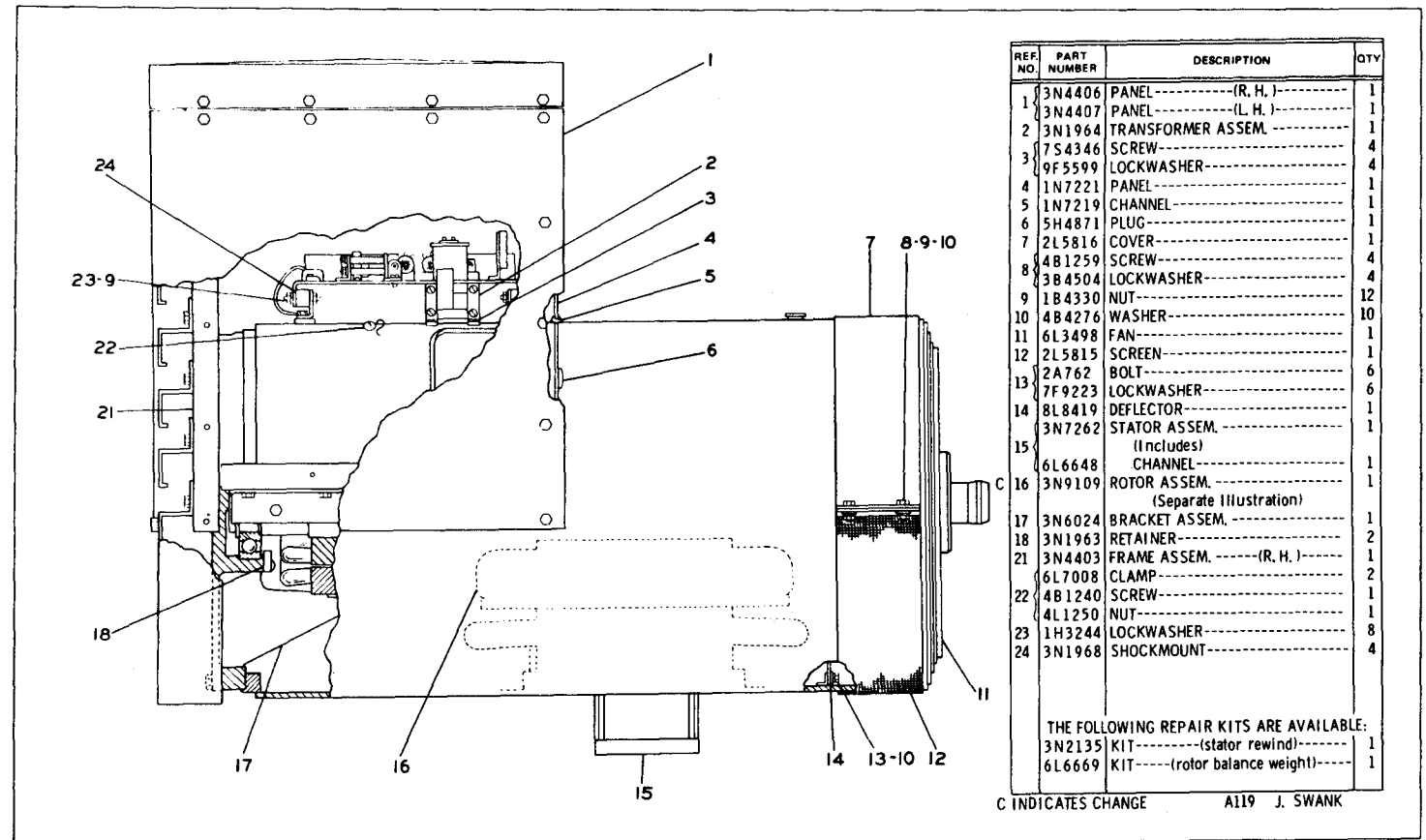


144908

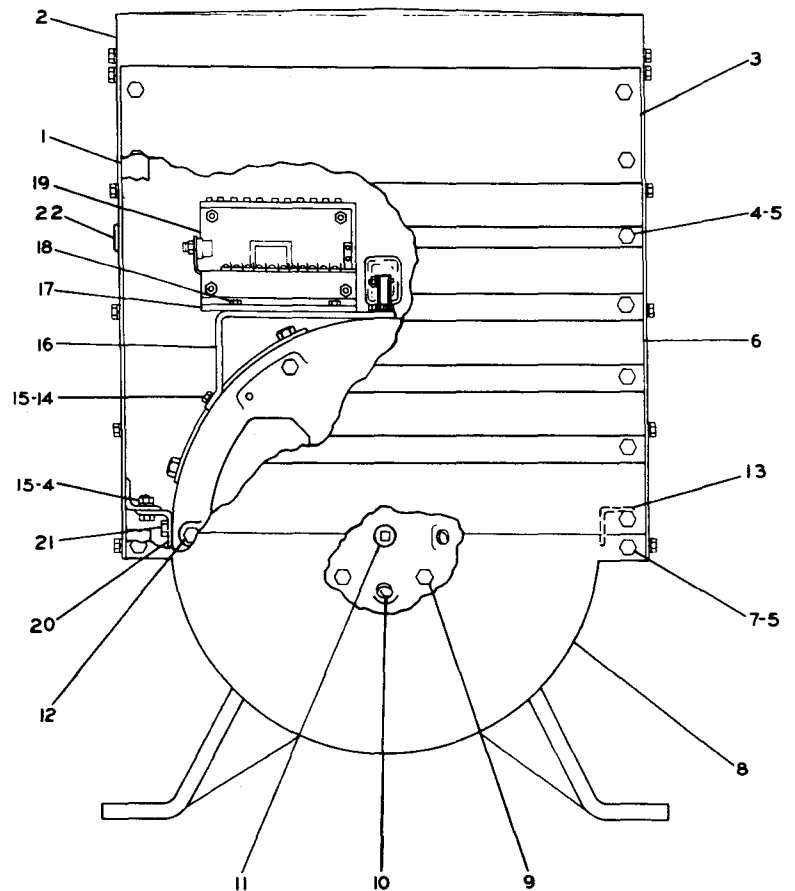
5N16 GENERATOR—3 Phase—Side View
Generator Serial No. 44BG300 to 44BG599 inclusive. 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M. 3N7263 Rotor parts are shown on Page 264



5N16 GENERATOR—3 Phase—End View
 Generator Serial No. 44BG300 to 44BG599 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



5N16 GENERATOR—3 Phase—Side View
 Generator Serial No. 44BG600—Up
 240-480 Volt, 50 hertz at 1500 R.P.M. or 300-600 Volt, 60 hertz at 1800 R.P.M.
 3N9109 Rotor parts are shown on Page 264A



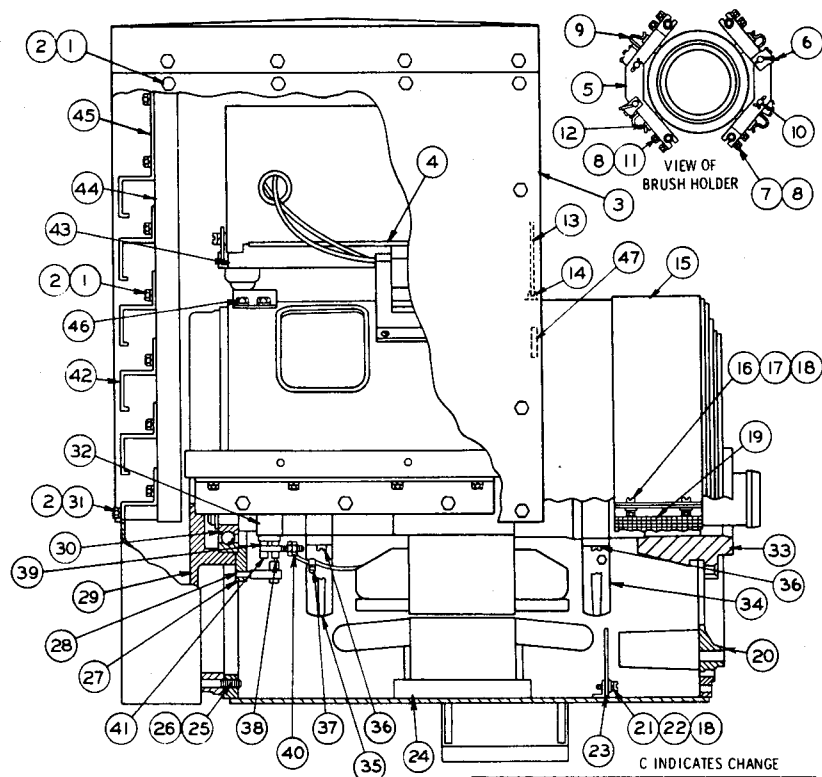
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N4404	FRAME ASSEM. --- (L. H.) ---	1
2	3N4405	COVER	1
3	1N7225	PANEL	1
4	1C569	BOLT	66
5	3F9556	LOCKWASHER	60
6	1N7224	LOUVER	4
7	1D4539	BOLT	2
8	1N7222	COVER ASSEM.	1
9	T65	BOLT	4
10	3B4506	LOCKWASHER	4
11	2B4602	PLUG	2
12	1B5174	PLUG	1
13	1A5822	BOLT	6
14	3B4508	LOCKWASHER	6
15	3N4409	BRACKET --- (R. H.) ---	1
16	S1617	BOLT	4

15	1H7186	LOCKWASHER	12
16	3N1966	BRACKET	2
17	3N1967	BRACKET	2
18	2A762	BOLT	4
19	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

A120 J. SWANK

5N16 GENERATOR—3 Phase—End View
 Generator Serial No. 44BG600—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



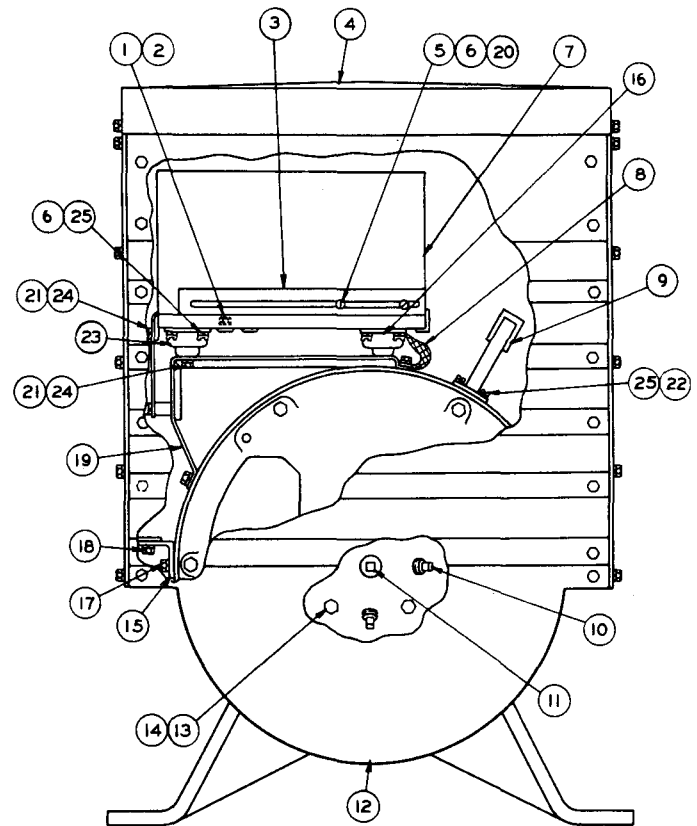
C INDICATES CHANGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1C569	BOLT-----	58
2	3F9556	LOCKWASHER-----	60
3	1N7223	PANEL----- (Side)-----	2
4	8L8602	CHANNEL-----	1
5	2L5593	HOLDER ASSEM-----	2
5	2L5594	HOLDER-----	1
6	2L4853	ARM-----	2
7	51615	BOLT----- (.75" long)-----	2
8	3B4504	LOCKWASHER-----	4
9	2L2074	SPRING-----	2
9	2L2076	PIN-----	2
10	3B4604	COTTER PIN-----	2
10	2L2073	WASHER-----	4
11	51614	BOLT----- (.50" long)-----	2
12	5L7056	BRUSH-----	4
13	1N7221	PANEL----- (Front)-----	1
14	1N7219	CHANNEL-----	1
15	2L5816	COVER-----	1
16	4B1259	SCREW-----	4
17	1B4330	NUT-----	4
17	3B4504	LOCKWASHER-----	4
18	4B4276	WASHER-----	10
19	2L5815	SCREEN-----	1
20	6L3498	FAN-----	1
21	2A762	BOLT-----	6
22	7F9223	LOCKWASHER-----	6
23	8L8419	DEFLECTOR-----	1
C 24	3N6121	STATOR ASSEM.-----	1
24	6L6648	CHANNEL-----	1
25	1A5822	BOLT-----	6
26	3B4508	LOCKWASHER-----	6

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27	2L5590	RETAINER AND YOKE ASSEM-----	1
28	2L4849	TUBE----- (Long)-----	2
28	2L5592	TUBE----- (Short)-----	2
29	6L8308	BRACKET-----	1
30	2L5567	BEARING-----	1
30	6S1753	RING-----	1
31	1D4539	BOLT-----	2
C 32	3N6112	ROTOR ASSEM-----	1
33	3L9963	HUB-----	1
34	2N7620	FAN ASSEM-----	1
35	2N7607	FAN ASSEM-----	1
36	2N7285	SCREW-----	2
		(1 in each 2N7620 & 2N7607 Assem.)	
	6L7008	CLAMP-----	2
37	3H3627	SCREW-----	2
	9B7233	LOCKWASHER-----	2
38	2L5820	RING ASSEM.----- (Inner)-----	1
39	2L5821	RING ASSEM.----- (Outer)-----	1
40	2L4845	NUT-----	4
		(2 in 2L5820 & 2L5821 Assem.)	
41	2L4844	TUBE-----	1
		(Part of 2L5821 Assem.)	
42	1N7224	LOUVER-----	4
43	8L9821	SUPPORT ASSEM-----	1
44	1N7217	FRAME ASSEM.----- (R. H.)-----	1
44	1N7218	FRAME ASSEM.----- (L. H.)-----	1
45	1N7225	PANEL----- (Meter)-----	1
	1617	BOLT-----	8
46	H7186	LOCKWASHER-----	8
C 47	5H4871	PLUG-----	1
	FM055243	FORM-----	1
		(Installation Instructions For Fan Assem.)	

8L58 GENERATOR—3 Phase—Side View
Generator Serial No. 155TG2500—Up. 230-460 Volt, 50 hertz at 1500 R.P.M. or 287-575 Volt, 60 hertz at 1800 R.P.M.



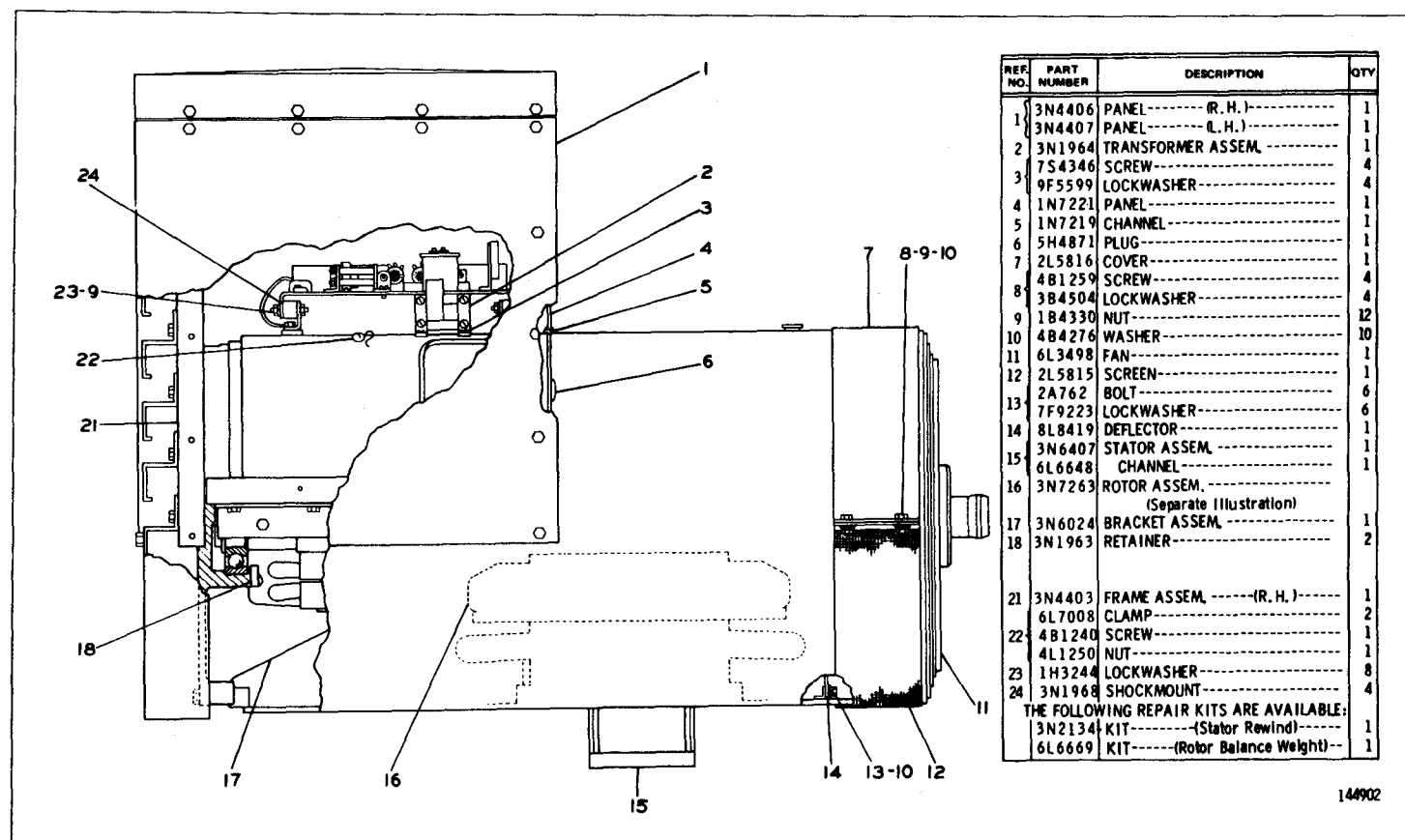
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8F5758	BOLT-----	4
2	1H3244	LOCKWASHER-----	4
3	8L9823	GUIDE-----	2
4	1N7220	COVER-----	1
5	9F9327	SCREW-----	4
6	8F1434	LOCKWASHER-----	20
7	2N7052	EXCITER & REGULATOR ASSEM. --- (See Separate Illustration)	1
8	8L5476	STRAP-----	1
9	6L7009	DROOP TRANSFORMER ASSEM.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

16	7L893	SHOCKMOUNT-----	1
C 17	3N1645	SCREW-----	6
C 18	1C569	BOLT-----	8
	1H7186	LOCKWASHER-----	8
19	1N7230	BRACKET-----	2
20	4B4274	WASHER-----	4
21	7F9223	LOCKWASHER-----	6
22	9F5599	LOCKWASHER-----	4
23	8L5477	SHOCKMOUNT-----	3
24	51614	BOLT-----	6
C 25	7S4346	SCREW-----	20
	2N6049	WIRING DIAGRAM-----	1
	6L6523	LABEL----- (instruction)-----	1
▲	7L8140	KIT----- (stator rewind)-----	1
	6L6669	KIT----- (rotor balance weight)-----	1

C INDICATES CHANGE
▲ NOT SHOWN

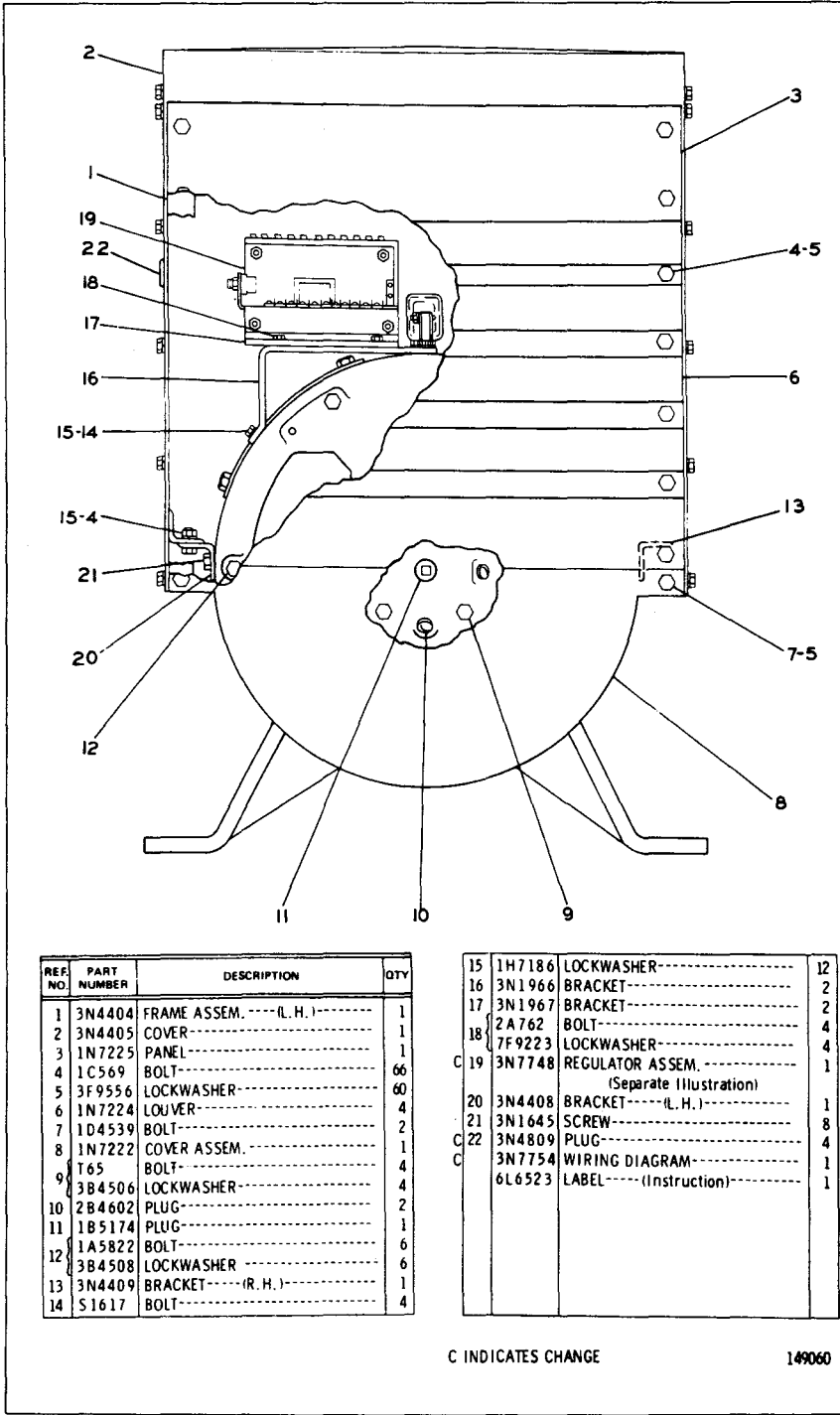
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8L58 GENERATOR—3 Phase—End View
Generator Serial No. 155TG2500—Up. 230-460 Volt, 50 hertz at 1500 R.P.M.
or 287-575 Volt, 60 hertz at 1800 R.P.M. 2N7052 Exciter and Regulator
parts are shown on Pages 260 and 261



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5N15 GENERATOR—3 Phase—Side View
Generator Serial No. 44BH300 to 44BH599 inclusive. 200-400 Volt, 50 hertz at 1500 R.P.M. or 240-480 Volt, 60 hertz at 1800 R.P.M. 3N7263 Rotor parts are shown on Page 264



5N15 GENERATOR—3 Phase—End View
Generator Serial No. 44BH300 to 44BH599 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