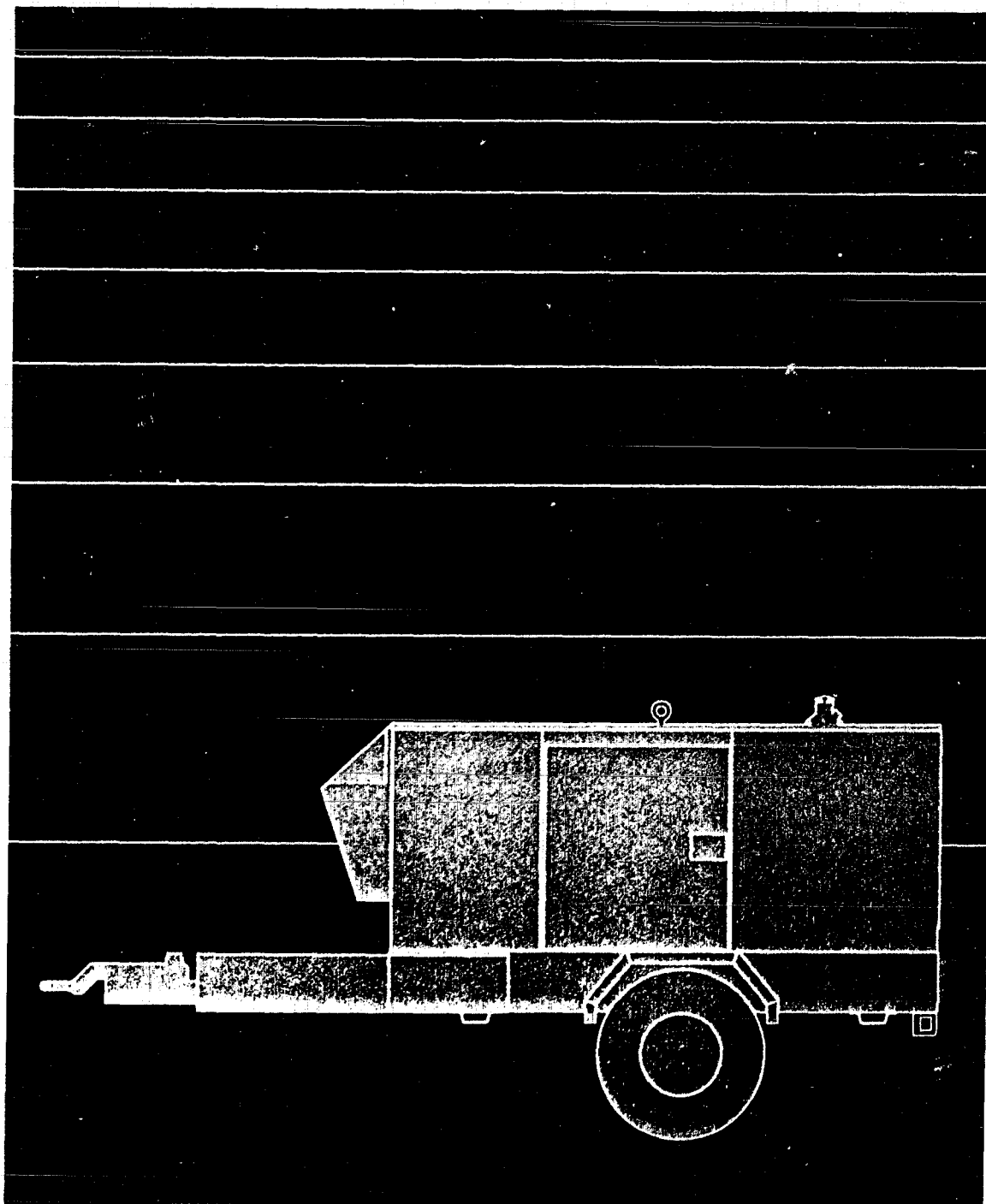


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Parts Catalog

QSGBA
QSGCA
QSGCB
GENERATOR SETS



Printed U.S.A.

960-0257 (Spec A-E) 4-93
Replaces (Spec A-D) 7-92

Introduction

This catalog applies to the standard QSG Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Unless otherwise mentioned in the description, parts are interchangeable between models. Throughout this catalog left and right sides are determined by facing the air inlet guard of the housing or engine end (front) of the set.

Some parts groups lists a second source for obtaining service replacement parts. A list of distributors and their addresses are located toward the rear of this catalog.

Engine parts that have been modified or added by Onan are identified in this catalog. All other engine replacement parts must be ordered from the engine manufacturer by referring to the engine manufacturer's nameplate and supplying all available information. Contact your nearest engine parts dealer for assistance in ordering replacement parts.

Replacement Engine

<u>Onan Model</u>	<u>Cummins Model</u>
36QSGB	4B3.9-G
40/50QSGC	4BT3.9-G1
60QSGC	4BT3.9-G2

Replacement engines cannot be ordered from Onan.
Order from your nearest Cummins distributor.

Generator Set Data Table

MODEL AND SPECIFICATION	ELECTRICAL DATA					BATTERY VOLTAGE
	WATTS	VOLTS	HERTZ	WIRE	PHASE	
36QSGB/*	36,000	#	60	12	1 or 3	24 VDC
40QSGC/*	40,000	#	50	12	1 or 3	24 VDC
50QSGC/*	50,000	#	60	12	1 or 3	24 VDC
60QSGC/*	60,000	#	60	12	1 or 3	24 VDC

- * - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard (36293A) model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.
- # - Broad range reconnectable.

Optional Trailer Service Parts

Service replacement parts can be ordered from the following company:

AL-KO KOBER CORP.
25784 BORG ROAD
ELKHART, INDIANA 46514
TELEPHONE: (219) 264-0631

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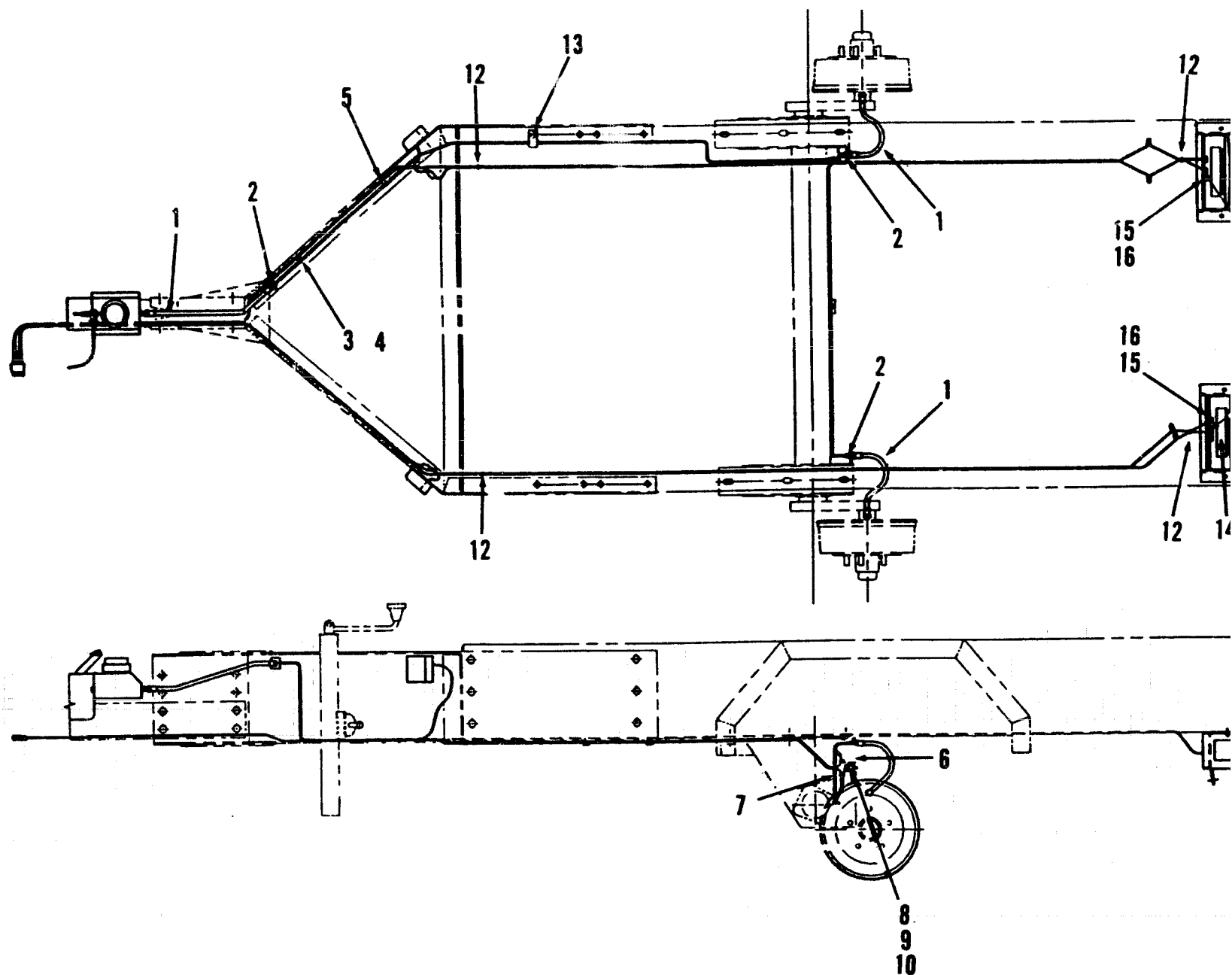
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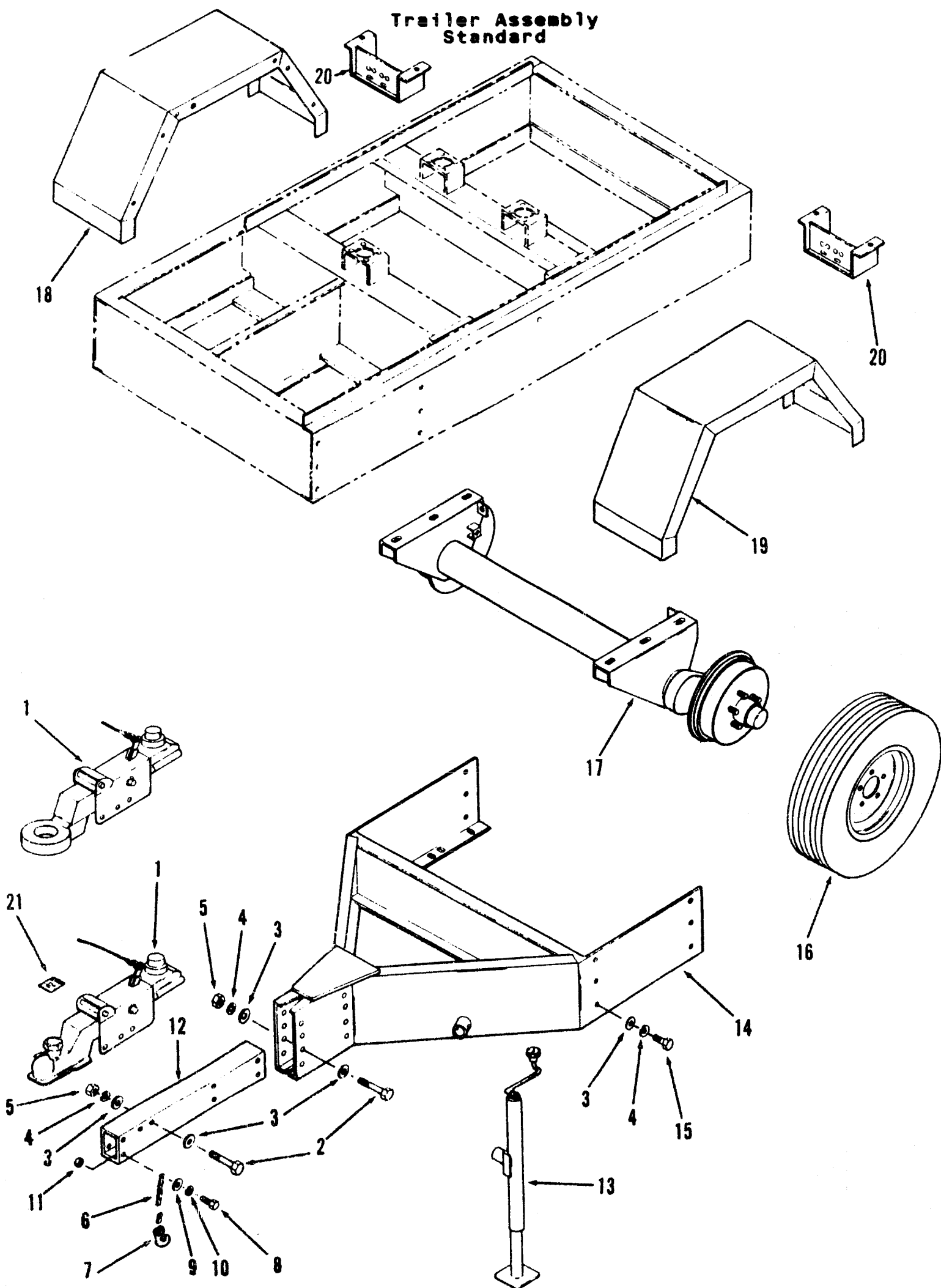
Trailer Brakes & Light



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	501-0564	3	Hose Assembly - Brake
2	410-1063	3	Clip, Brake Line
3	518-0599	5	Clamp, Tube
4	815-0261	5	Screw, Hex Washer Head Thread Form (1/4"-20 x 1/2")
5	121-0090	1	Line, Brake
6	121-0088	1	Line, Brake
7	121-0087	1	Line, Brake
8	410-1064	1	Tee, Brake Line
9	800-0024	1	Screw, Hex Head (5/16"-18 x 1/2")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	850-0045	1	Washer, Lock (5/16")
12	508-0298	4	Grommet 1/4"ID
13	518-0600	1	Clamp, Tube
14	322-0413	1	Kit, Tail Light (Includes Bolts, Nuts, Lockwasher, Clips, & Tap Connectors)
15	898-0016	1	Sleeving, 5'Lg
16	856-0006	3	Lockwasher

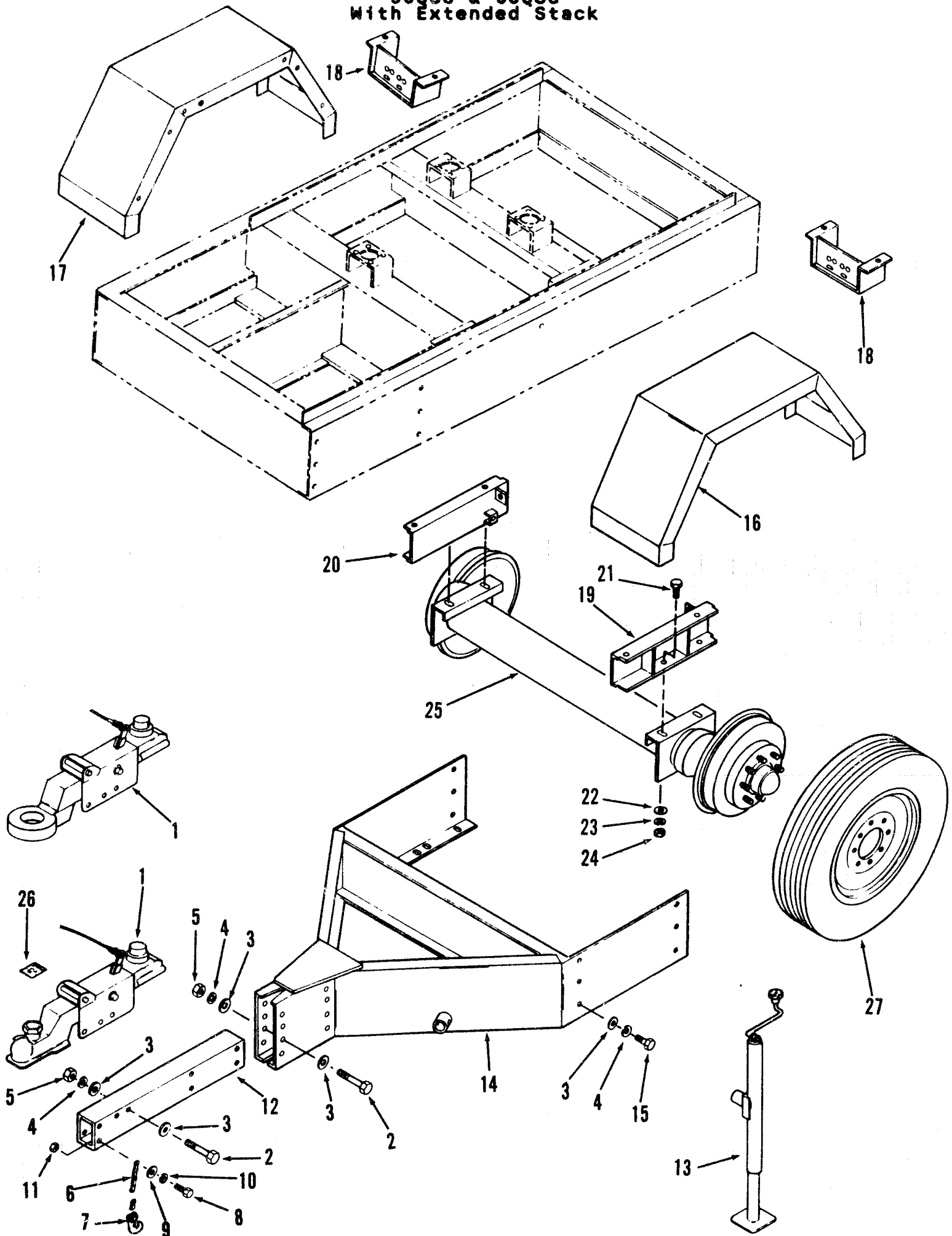
Trailer Assembly Standard



Trailer Assembly Standard

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Actuator - Surge Brake	11	862-0003	2	Nut, Hex (3/8"-16)
	410-1035	1	3" Lunette Eye	12	410-1052	1	Hitch, Tongue
	410-1036	1	Ball, 2" Dia	13	410-1033	1	Screw Jack
2	800-0103	7	Screw, Hex Head (1/2"-13 x 4-1/4")	14	410-1050	1	Hitch Assembly
3	526-0219	31	Washer, Flat (1/2")	15	800-0092	16	Screw, Hex Head (1/2"-13 x 1-1/2)
4	850-0060	27	Washer, Lock (1/2")	16	410-1110	2	Tire & Wheel Assembly
5	862-0016	7	Nut, Hex (1/2"-13)				(1) Tire - G78-14ST
6	880-0443	2	Chain, Safety				(1) Wheel 14 x 5.5, 5 Bolt
7	880-0444	2	Hook, Clevis Slip	17	410-1062-01	1	Axle Assembly
8	800-0052	2	Screw, Hex Head (3/8"-16 x 1-1/2)	18	410-1048	1	Fender, RH
9	526-0030	2	Washer, Flat (3/8")	19	410-1049	1	Fender, LH
10	850-0050	2	Washer, Lock (3/8")	20	410-1047	2	Housing, Light
				21	98-6409	1	Label, Warning

Trailer Assembly
50QSG & 60QSG
With Extended Stack



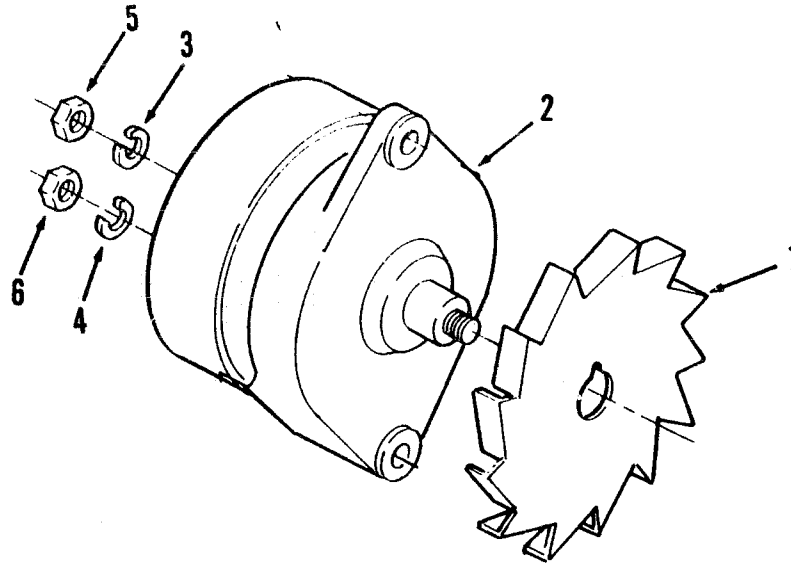
**Trailer Assembly
50QSG & 60QSG
With Extended Stack**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Actuator - Surge Brake	15	800-0092	16	Screw, Hex Head (1/2"-13 x 1-1/2)
	410-1035	1	3" Lunette Eye Hitch	16	410-1048	1	Fender, RH
	410-1036	1	Ball, 2" Ball Hitch	17	410-1049	1	Fender, LH
2	800-0103	7	Screw, Hex Head (1/2"-13 x 4-1/4")	18	410-1047	2	Housing, Light
3	526-0219	31	Washer, Flat (1/2")	19	410-1118	1	Bracket, Mounting - RH
4	850-0060	27	Washer, Lock (1/2")	20	410-1119	1	Bracket, Mounting - LH
5	862-0016	7	Nut, Hex (1/2"-13)	21	800-0092	4	Screw, Hex Head (1/2-13 x 1-1/2")
6	880-0443	2	Chain, Safety	22	526-0219	4	Washer, Flat (1/2)
7	880-0444	2	Hook, Clevis	23	850-0060	4	Washer, Lock (1/2)
8	800-0052	2	Screw, Hex Head (3/8"-16 x 1-1/2)	24	862-0016	4	Nut, Hex (1/2"-13)
9	526-0030	2	Washer, Flat (3/8")	25	410-1112	1	Axle, Trailer
10	850-0050	2	Washer, Lock (3/8")	26	98-6409		Label, Warning
11	862-0003	2	Nut, Hex (3/8"-16)	27	410-1113	2	Tire & Wheel Assembly
12	410-1052	1	Hitch, Tongue				Tire, H78-155T
13	410-1033	1	Screw Jack				Wheel, 15 x 6; 6 Bolt
14	410-1050	1	Hitch Assembly				

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Alternator (Spec B-D*)

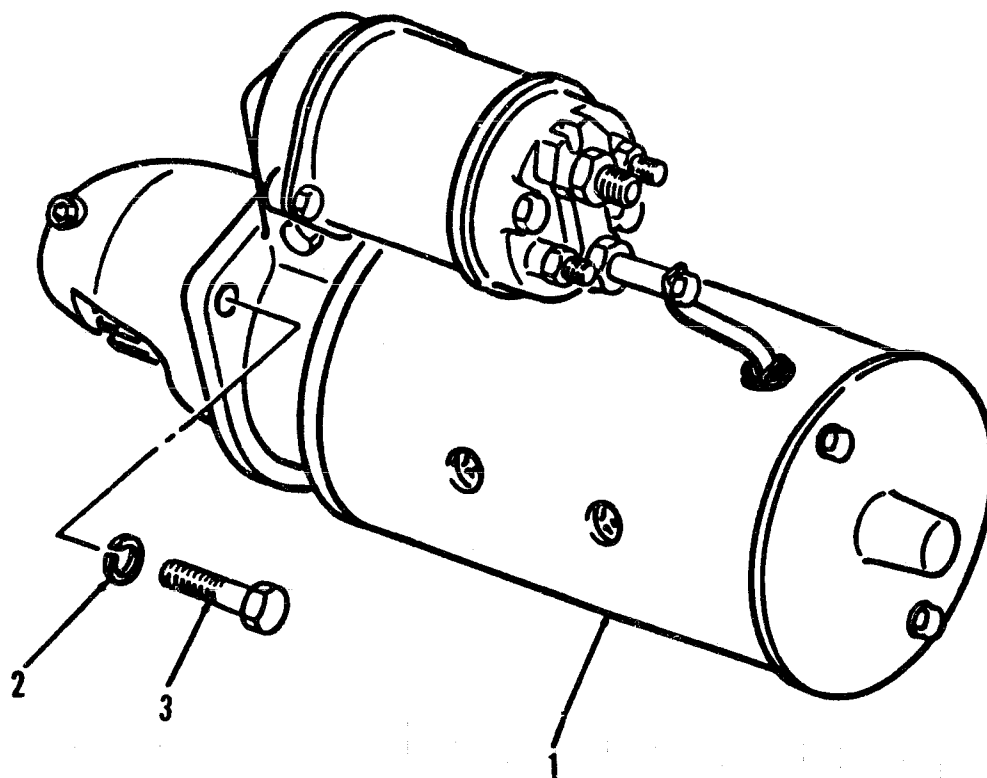


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1981	1	*Fan, Alternator
2	191-1983-02	1	*Alternator
3	850-2005	2	Washer, Lock (M5)
4	850-2008	1	Washer, Lock (M8)
5	860-2006	2	Nut, Hex (M5)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	860-2008	1	Nut, HMS (M8)

* Spec A - Alternator (P/N 3911462) and Fan (P/N 3904981) are furnished by Cummins.

**Starter
(Spec B-D*)**

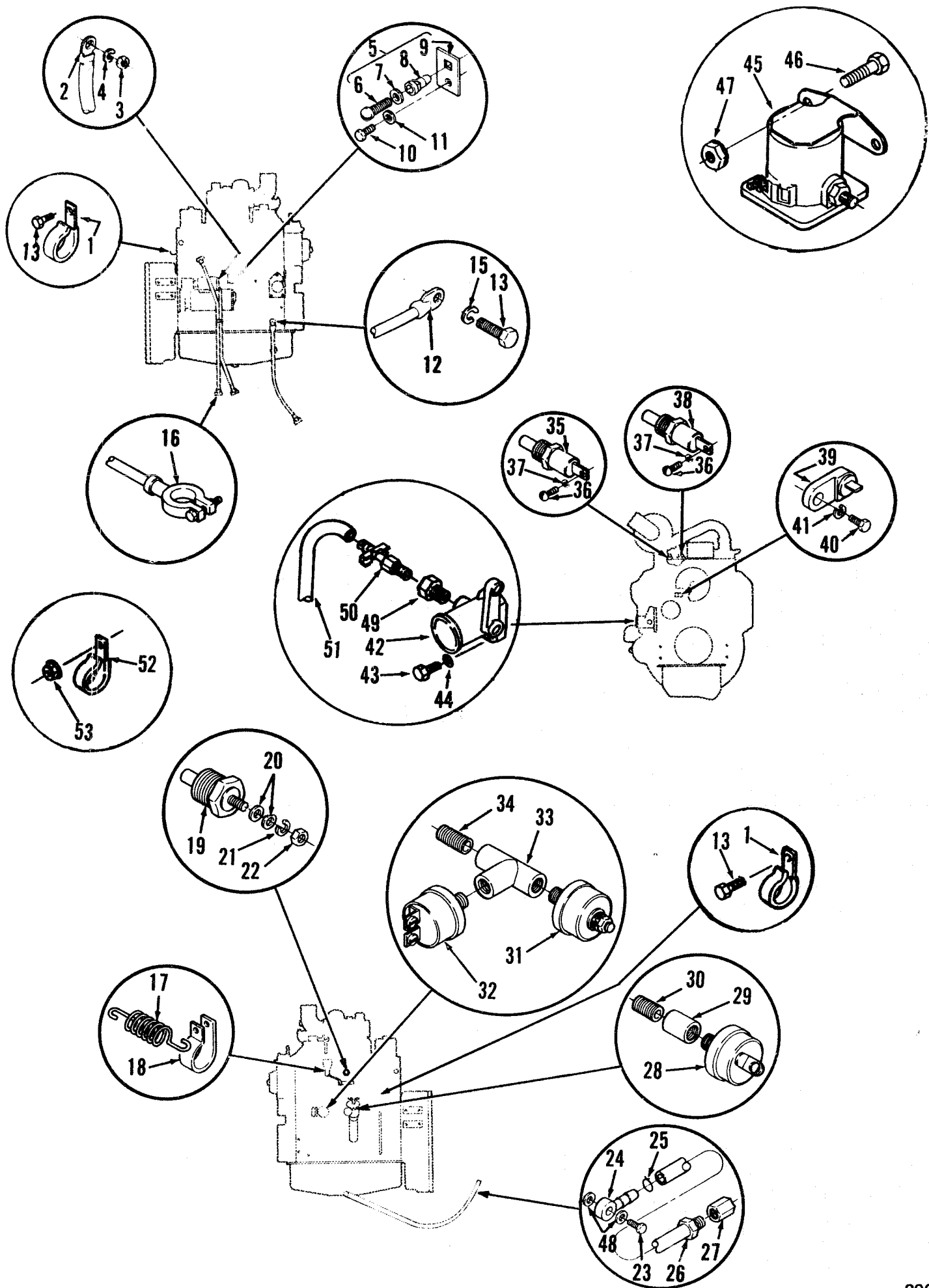


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			*Starter - 24 Volt
	191-1962-02	1	Negative Ground (Spec B)
	191-1963-02	1	Isolated Ground (Spec B)
	191-2103	1	Negative Ground (Spec C)
2	850-2010	3	Washer, Lock - Spring (M10)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	800-2088	3	Screw, Cap - Hex Head (M10 x 1.5 x 35)

* - Spec A Starter is furnished by Cummins, #3909914.

External Engine Parts

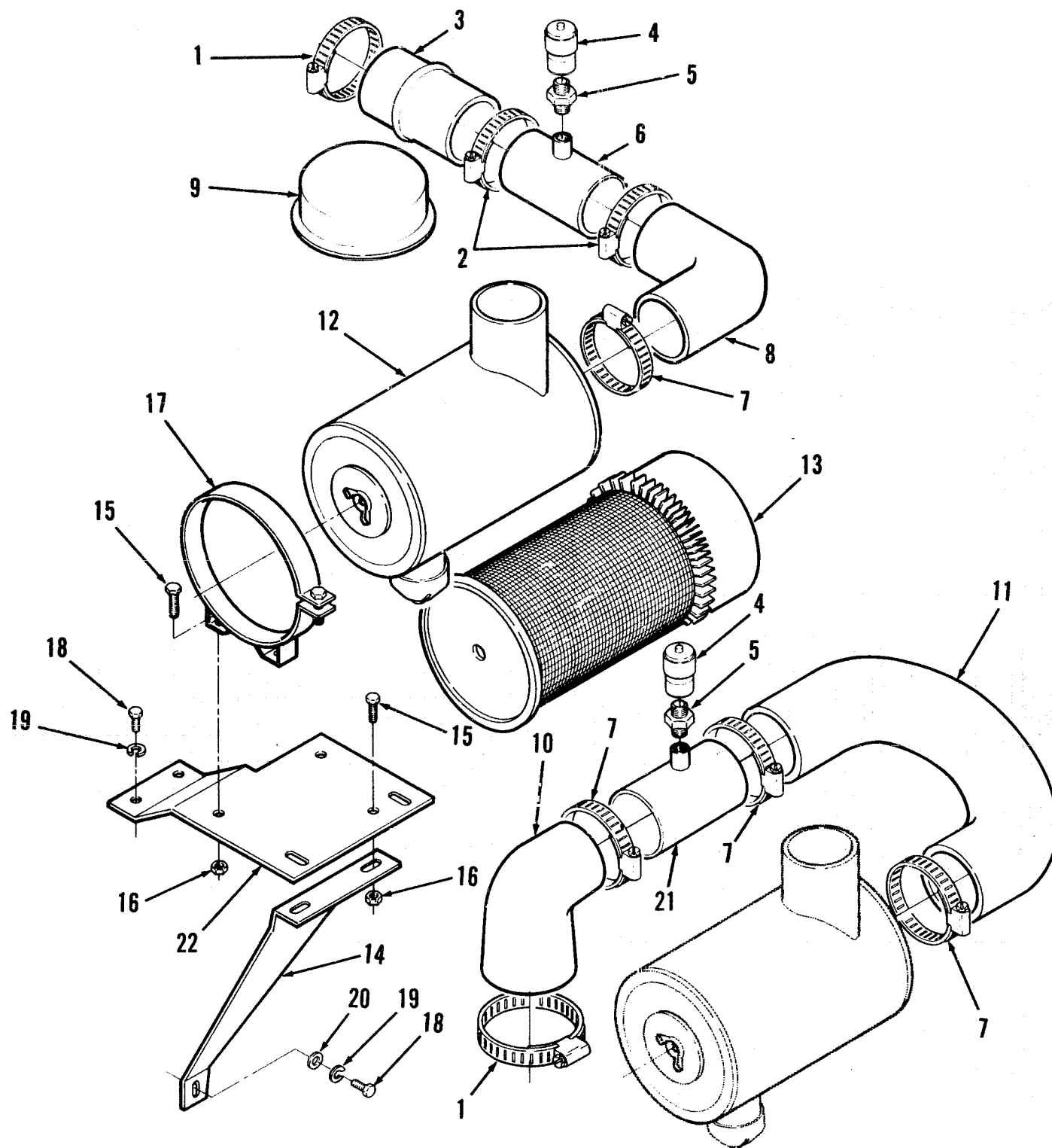


External Engine Parts

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2921	3	Clamp, "J"	32	309-0561	1	Switch, Oil Pressure (S1) Closes at 14 lbs. Descending
2	416-0921	1	Cable, Battery (18") To Starter	33	505-0059	1	Tee, Pipe (1/8")
3	871-0028	1	Nut, Hex - Brass (3/8-16)	34	505-0104	1	Nipple, Pipe (1/8" x 1-1/2")
4	850-0050	1	Washer, Lock - Spring (3/8")	35	309-0554	1	Switch, Thermostat - High Engine Coolant Temperature (Opens at 205°F. - Closes at 230°F.) (S2)
5	332-2739	1	Terminal Assembly (Includes Parts Marked *)	36	812-0075	2	Screw, Machine - Round Head (#8-32 x 1/4")
6	809-0036	1	*Screw, Sheet Metal - Round Head (#8 x 7/8")	37	850-0025	4	Washer, Lock - Spring (#8)
7	508-0015	1	*Washer, Fiber	38	309-0553	1	Switch, Thermostat - High Engine Coolant Temperature (Opens at 195°F. - Closes at 220°F.) (S6 - Pre-Alarm)
8	870-0196	1	*Nut, Insulation	39	309-0269	1	Switch, Low Engine Coolant Temperature (S4)
9	332-2738	1	*Bracket, Terminal	40	800-2058	1	Screw, Cap - Hex Head (M8 x 35MM)
10	800-2112	1	Screw, Cap - Hex Head (M12 x 30MM)	41	850-2008	1	Washer, Lock - Spring (M8)
11	856-0013	1	Washer, Lock - EIT (1/2")	42	130-3759	1	Inlet, Water
12	416-0893	1	Cable, Battery - Ground (10")	43	800-2086	3	Screw, Cap - Hex Head (M10 x 25MM)
13	800-2110	4	Screw, Cap - Hex Head (M12 x 20MM)	44	740-1008	3	Washer, Flat (M10)
15	850-2012	2	Washer, Lock - Spring (M12)	45	307-2167	1	Relay - Start Solenoid (Spec C)
16	416-0446	1	Cable, Battery - Jumper (12-1/2")	46	821-0018	1	Screw, Lock (Spec C)
17	145-0596	1	Spring, Throttle Extension	47	870-0212	1	Nut, Lock (Spec C)
18	332-0051	1	Clip, Wire	48	526-0403	2	Washer, Copper (Used with 502-1122) (Spec D)
19	193-0375	1	Sender, Water Temperature (E2)	49	502-0029-03	1	Bushing, Reducer (Spec C)
20	526-0008	2	Washer, Flat (#10)	50	502-1103	1	Drain Cock (Spec C)
21	850-0030	1	Washer, Lock - Spring (#10)	51	503-0276	1	Hose, Drain (Spec C)
22	871-0131	1	Nut, Hex (#10-32)	52	332-3167	2	Clamp, "J" (QSG40)
23	502-1122	1	Bolt, Banjo	53	870-2056	1	Nut, Lock (Flange) (QSG40)
24	502-1121	1	Union, Banjo				
25	503-0976	1	Clamp, Hose				
26	501-0563	1	Line, Oil Drain (60")				
27	502-0876	1	Cap, Pipe				
28	309-0272	1	Switch, Oil Pressure (S5 - Pre-Alarm) Closes at 20 lbs. Descending				
29	505-0026	1	Coupling, Pipe (1/8")				
30	505-0098	1	Nipple, Pipe (1/8" x 3/4")				
31	193-0244	1	Sender, Oil Pressure (E1)				

* - Parts Included in 332-2739 Terminal Assembly.

Air Cleaner

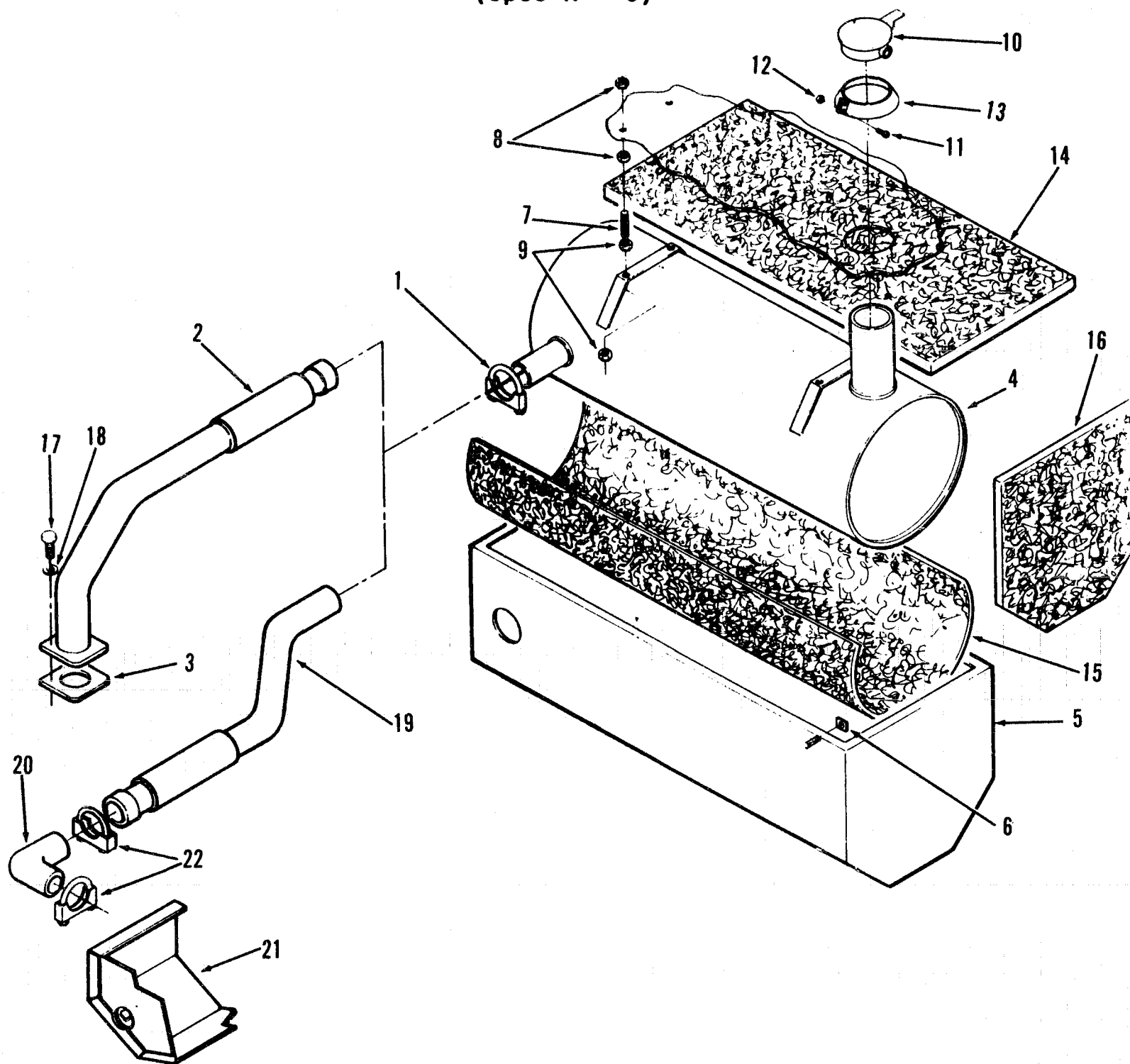


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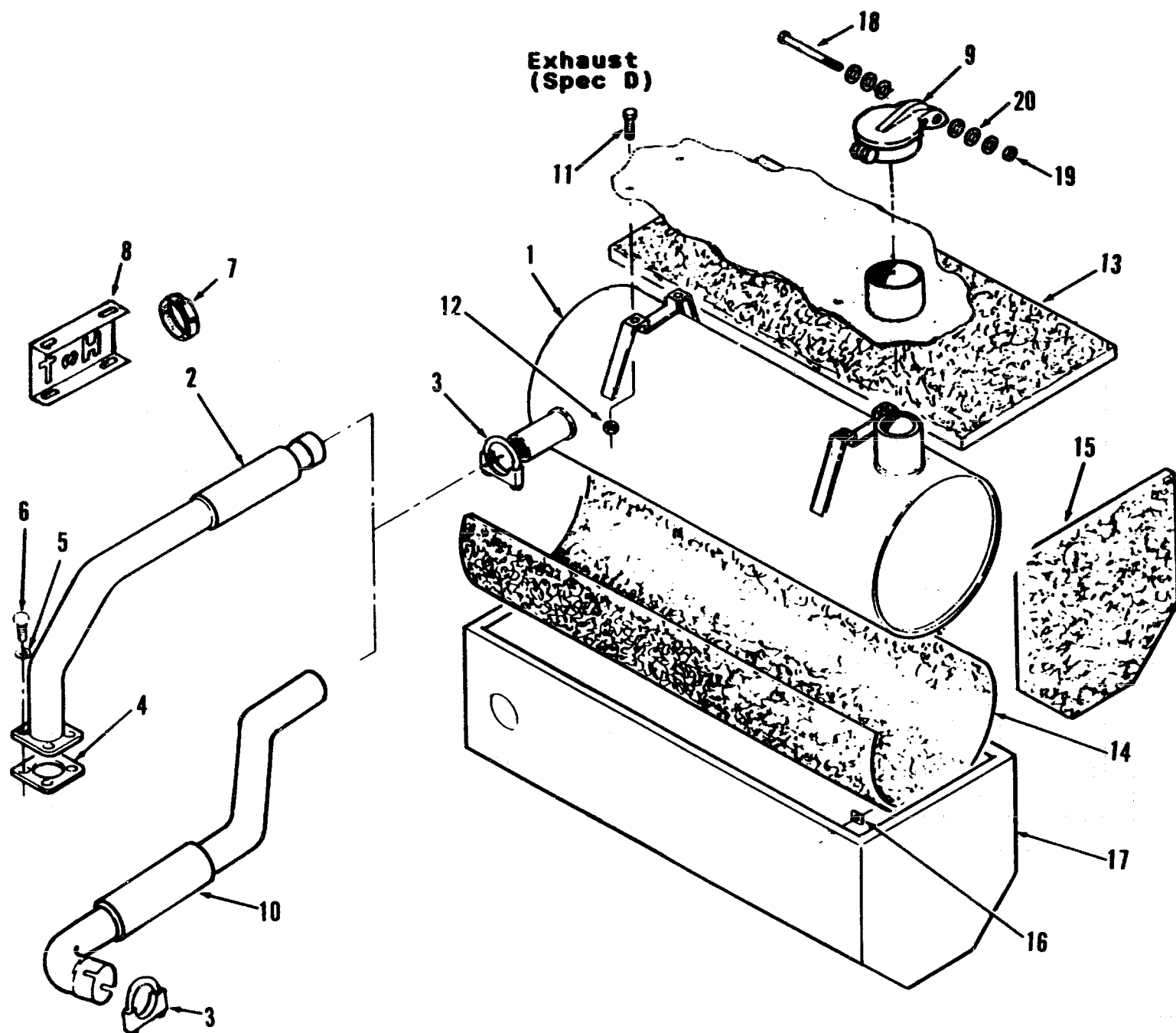
Air Cleaner

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0648	1	Clamp, Hose	12	140-2158	1	Cleaner, Air (Includes Element)
2	503-0998	2	Clamp, Hose - 50QSG, 60QSG	13	140-2159	1	Element, Air Cleaner
3	503-1543	1	Hose, Reducer (3" ID to 2-3/4" ID) 50QSG, 60QSG	14	140-2163	1	Bracket, Air Cleaner
4	140-1548	1	Indicator, Service	15	821-0016	5	Screw, Locking - Hex Washer Head (5/16-18 x 3/4")
5	140-1260	1	Fitting, Service Indicator	16	870-0257	5	Nut, Hex - Locking (5/16-18)
6	140-2166	1	Tube, Air Inlet - 50QSG, 60QSG	17	140-2227	2	Band, Mounting
7			Clamp, Hose	18	800-2110	3	Screw, Cap - Hex Head (M12 x 20MM)
	503-0465	3	36QSG	19	850-2012	3	Washer, Lock - Spring (M12)
	503-0999	1	50QSG, 60QSG	20	526-2140	1	Washer, Flat (M12) 50QSG, 60QSG
8	503-1542	1	Elbow, Reducing (2-3/4" ID to 2-1/4" ID) 50QSG, 60QSG	21	140-2177	1	Tube, Air Inlet - 36QSG
9	140-2157	1	Cap, Air Cleaner	22	140-2164	1	Bracket, Air Cleaner
10	503-1520	1	Elbow, Reducing - 90° (3" ID to 2-1/4" ID) 36QSG				
11	503-0151	-	Hose, Flexible - Bulk (2-1/4" ID) (Order by the foot - 2' required) 36QSG				

Exhaust (Spec A - C)

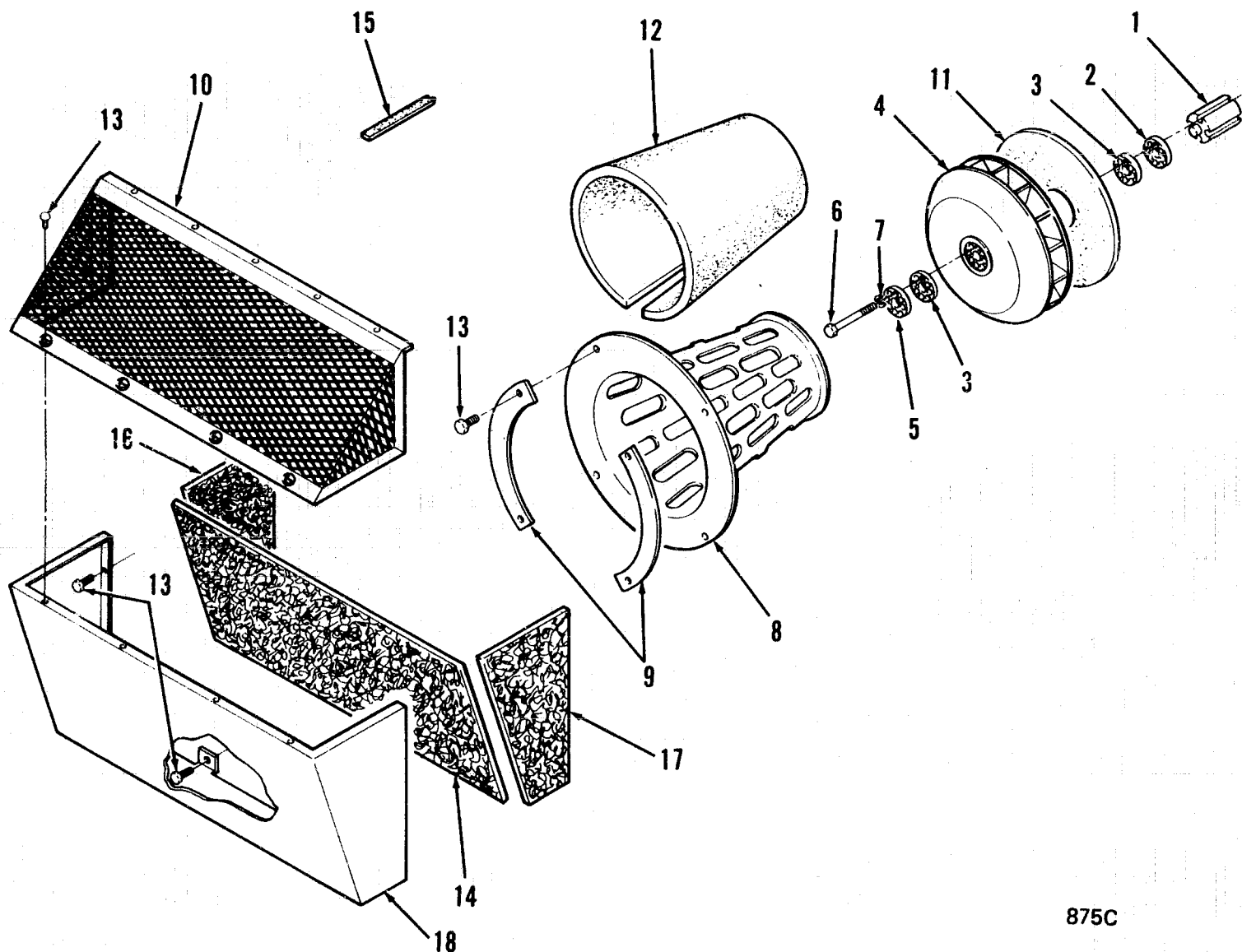


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2175	1	Clamp, Muffler	13	155-1421	1	Shield, Rain
2	155-2498	1	Pipe, Exhaust - 36QSG	14	155-2459	1	Insulation - Top
3	154-2708	1	Gasket - 36QSG	15	155-2460	1	Insulation - Bottom
4	155-2376-02	1	Muffler	16	155-2461	2	Insulation - End
5	405-4268	1	Box, Muffler	17	800-2085	4	Screw, Cap - Hex Head (M10 x 20MM) 36QSG
6	870-0462	37	Nut, Push On	18	850-2060	4	Washer, Lock - Spring (M10) 36QSG
7	520-0993	4	Stud (1/4-20 x 3")	19	155-2479	1	Pipe, Exhaust - 50QSG, 60QSG
8	870-0212	8	Nut, Self-Locking - Hex Flange Head (1/4-20)	20	155-2478	1	Pipe, Exhaust - 50QSG, 60QSG
9	870-0065	8	Nut, Self-Locking - Hex Head (1/4-20)	21	155-2483	1	Shield, Exhaust - 50QSG, 60QSG
10	155-2279	1	Cap, Rain - Thermo	22	155-2175	2	Clamp, Muffler - 50QSG, 60QSG
11	813-0105	2	Screw, Machine - Round Head (#10-32 x 1")				
12	870-0188	2	Nut, Locking (#10-32)				



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2376-02		Muffler	11	821-0021	4	Screw, Locking Hex Head (Flange)(5/16"-18 x 1)
2	155-2498	1	Pipe, Exhaust 36QSG	12	870-0048	4	Nut, Lock (5/16-18)
3	155-2175	1	Clamp, Muffler	13	155-2459	1	Insulation, Muffler - Top
4	154-2708	1	Gasket, Exhaust	14	155-2460	1	Insulation, Muffler - Bottom
5	850-2060	4	Washer, lock (M10)	15	155-2461	2	Insulation, Muffler - End
6	800-2085	4	Screw, Hex Head (M10 x 1.5 x 20)	16	870-0462	37	Nut, Push-On
7	503-1180	2	Clamp, Hose	17	405-4268	1	Muffler Box
8	155-2609	1	Shield, Exhaust	18	800-0010	1	Screw, Hex Head (1/2-13 x 3.5)
9	155-2062-07	1	Cap, Rain	19	862-0016	1	Nut, Hex (1/2-13)
10	155-2479	1	Pipe, Exhaust 50QSG, 60QSG	20	526-0219	6	Washer, Flat (1/2)

Fan



875C

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3617	1	Spacer, Fan
2	130-3618	1	Spacer, Fan Backing
3	130-3620	2	Isolator, Fan (Rubber)
4	130-3416	1	Fan
5	130-3619	1	Cap, Fan Retainer
6	718-1815	4	Screw, Cap - Hex Head (M8 x 150MM)
7	850-2008	4	Washer, Lock - Spring (M8)
8	405-4195	1	Cone, Air Inlet
9	405-4261	2	Retainer, Cone
10	130-3752	1	Guard, Air Inlet

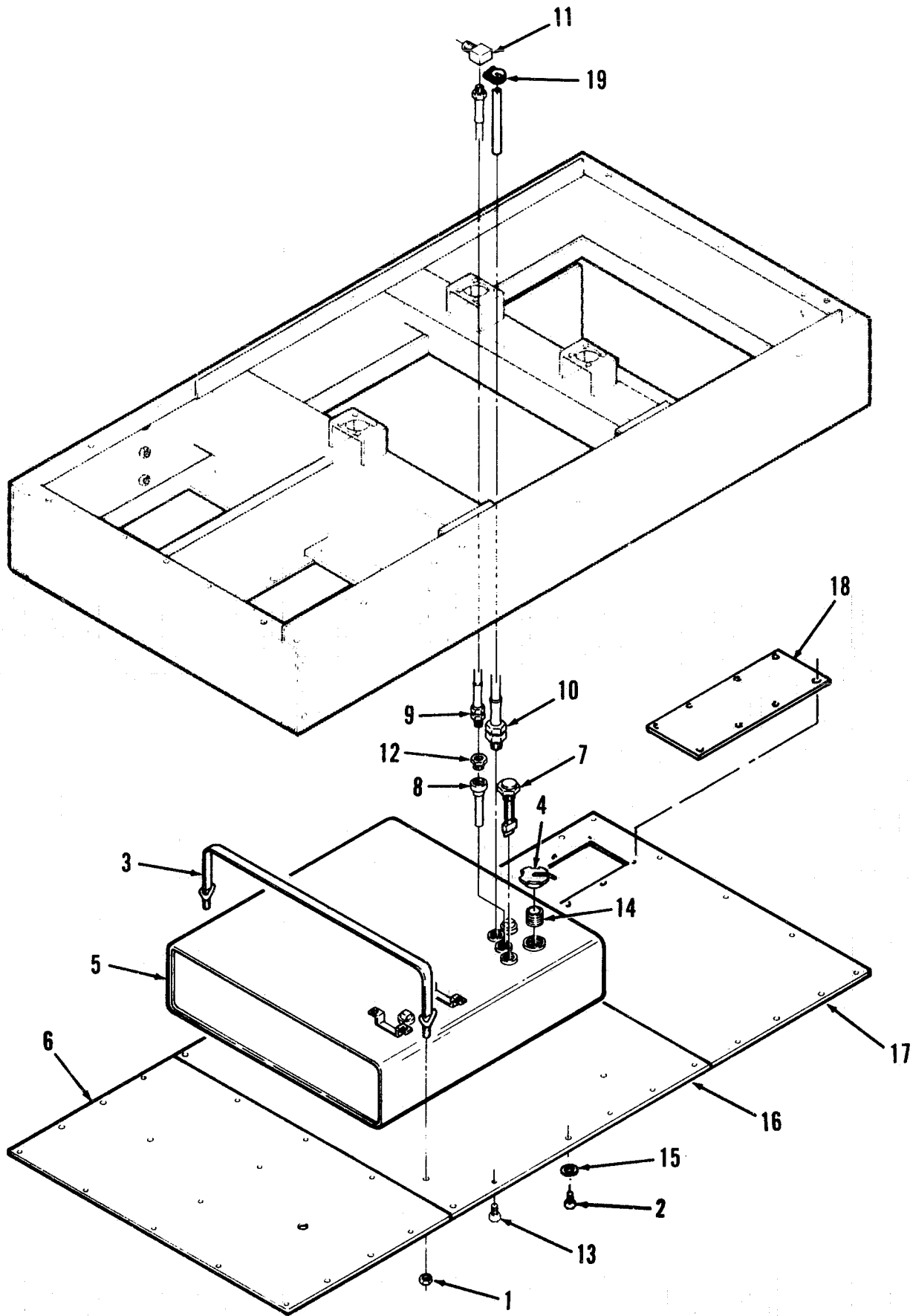
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	130-3638	1	Seal, Fan (Foam)
12	128-0123	1	Foam, Cone Wrap
13	821-0018	16	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")
14	128-0126	1	Foam, Box - Front
15	895-0308	-	Tape, Sealing - Bulk (1/8" Thk x 1" Wide) (Order by the foot - 6' Required)
16	128-0125	1	Foam, Box - Left Side
17	128-0124	1	Foam, Box - Right Side
18	405-4291	1	Box, Air

This diagram illustrates the assembly of an Electronic Governor. The components are numbered as follows:

- 1**: Main control unit housing.
- 2**: Fuel line fitting.
- 3**: Mounting bracket for the fuel line.
- 4**: Small cylindrical component, possibly a fuse or sensor.
- 5**: Compression spring.
- 6**: Rear panel or cover plate.
- 7**: Mounting screw for the rear panel.
- 8**: Mounting bracket for the rear panel.
- 9**: Large compression spring.
- 10**: Nut for the governor linkage.
- 11**: Washer for the governor linkage.
- 12**: Nut for the governor linkage (top).
- 13**: Washer for the governor linkage (middle).
- 14**: Washer for the governor linkage (bottom).
- 15**: Governor linkage rod.
- 16**: Governor linkage rod (longer section).
- 17**: Nut for the governor linkage (middle).
- 18**: Nut for the governor linkage (top).
- 19**: Small cylindrical component, possibly a fuse or sensor.
- 20**: Small cylindrical component, possibly a fuse or sensor.
- 21**: Mounting bracket for the governor.
- 22**: Governor motor assembly.
- 23**: Nut for the governor linkage (top).
- 24**: Washer for the governor linkage (top).
- 25**: Washer for the governor linkage (top).
- 26**: Mounting bracket for the governor.
- 27**: Compression spring.
- 28**: Fuel filter housing.

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-2111	1	Screw, Cap - Hex Head (M12 x 25MM)	16	150-2218-01	1	Rod, Governor
2	150-2201	1	Sensor, Speed - Magnetic	17	150-2251	2	End, Rod
3	526-0219	2	Washer, Flat (1/2")	18	150-2203	1	Lever, Actuator
4	821-0005	4	Screw, Whitlock (#10-32 x 3/4")	19	800-0013	4	Screw, Cap - Hex Head (1/4-20 x 2-1/2")
5	150-2232	1	Spring, Governor (2" Long)	20	526-0018	4	Washer, Flat (1/4")
6	151-0611	1	Control, Governor (24 Volt DC)	21	870-0212	4	Nut, Self-Locking (1/4-20)
7	800-2110	1	Screw, Cap - Hex Head (M12 x 20MM)	22	151-0632	1	Actuator (24 Volt DC) (AI)
8	850-2012	1	Washer, Lock - Spring (M12)	23	800-2060	3	Screw, Cap - Hex Head (M8 x 35MM)
9	150-2007	1	Bracket, Controller	24	850-2008	3	Washer, Lock - Spring (M8)
10	815-0172	2	Screw, Machine - Hex Head (#10-32 x 1")	25	526-0115	3	Washer, Flat (5/16")
11	526-0327	2	Washer, Flat - Special	26	150-2187	1	Bracket, Governor
12	870-0131	2	Nut, Hex - With ET (#10-32)	27	150-2231	1	Spring, Governor (5/8" Long)
13	526-0008	2	Washer, Flat (#10)	28	150-2381	1	Cover Package, Governor
14	526-0196	3	Washer, Flat - Aluminum (7/32" ID x 7/16" OD x 1/8" Thk)				(Includes Levers, Shafts, Seals, Adjusting Screws, O-Rings, Dust Cap, Spring and Miscellaneous Hardware) (Also available from Cummins as part number 3802200)
15	870-0053	2	Nut, Hex (#10-32)				

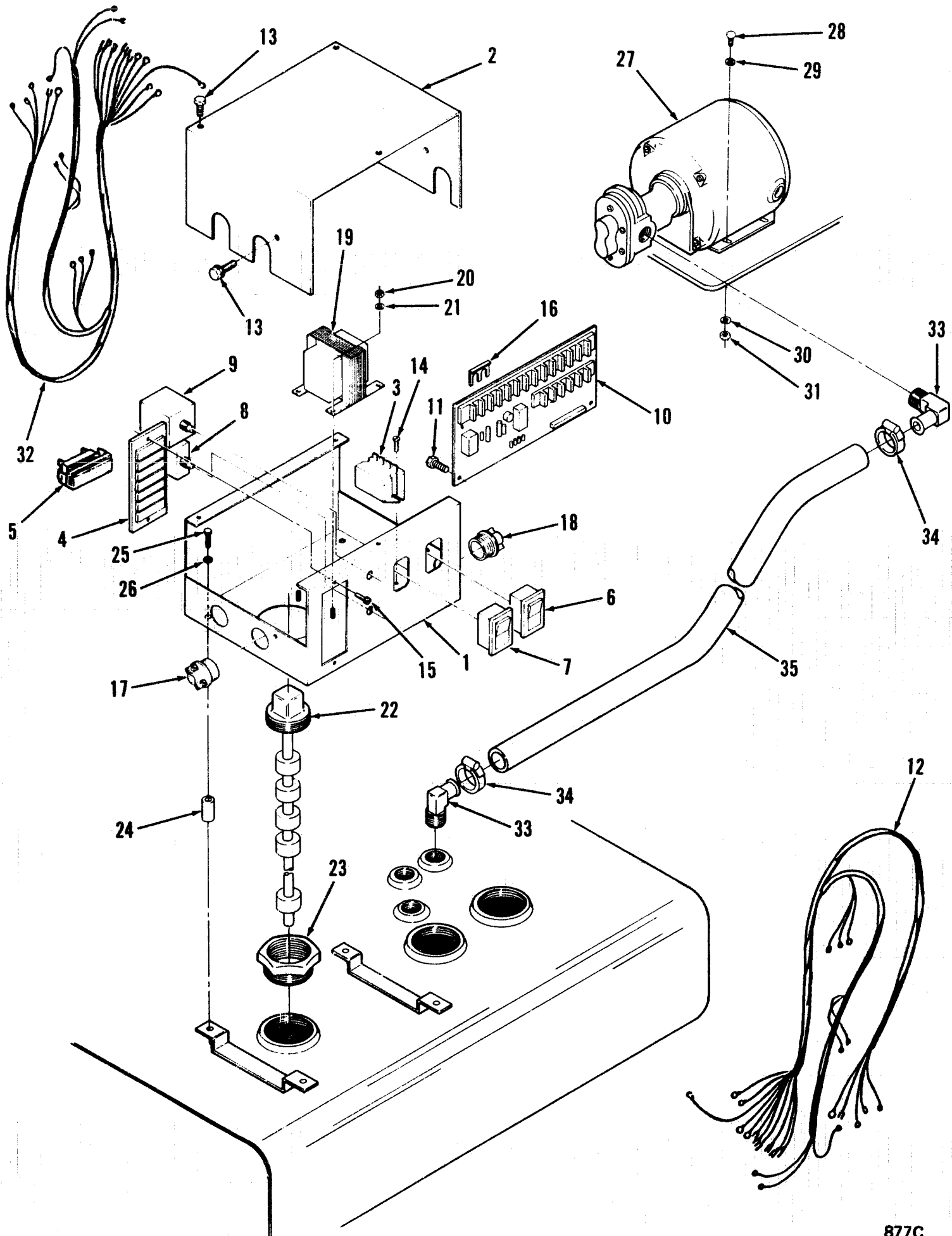
Fuel Tank



Fuel Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0257	4	Nut, Self-Locking - Hex Flange (5/16-18)	10	501-0502-02	1	Line, Fuel - Flexible (3/16" ID x 20") Nozzle Leak Off To Tank
2	800-0091	4	Screw, Cap - Hex Head (1/2-13 x 1-1/4")	11	502-0054	2	Elbow, Street - 90° (1/4")
3	159-1264	2	Strap, Fuel Tank	12	505-0018	1	Bushing, Reducer (1/2" to 1/4")
4	159-1208	1	Cap, Fuel Tank	13	821-0018	36	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")
5	159-1242	1	Tank, Fuel (40 Gallon)	14	505-0172	1	Nipple, Close (2")
6	403-3592-01	1	Pan, Skid (Bottom Front)	15	526-0219	4	Washer, Flat
7	415-0565-11	1	Gauge, Liquid Level	16	403-3593-01	1	Pan, Skid (Bottom Center)
8	415-0566-11	1	Pipe, Suction	17	403-3594-01	1	Pan, Skid (Bottom Rear)
9	501-0562	1	Line, Fuel - Flexible (1/4" ID x 21") Tank to Fuel Pump	18	403-3596-01	1	Cover, Access
				19	503-0685	1	Clamp, Hose

Day Tank



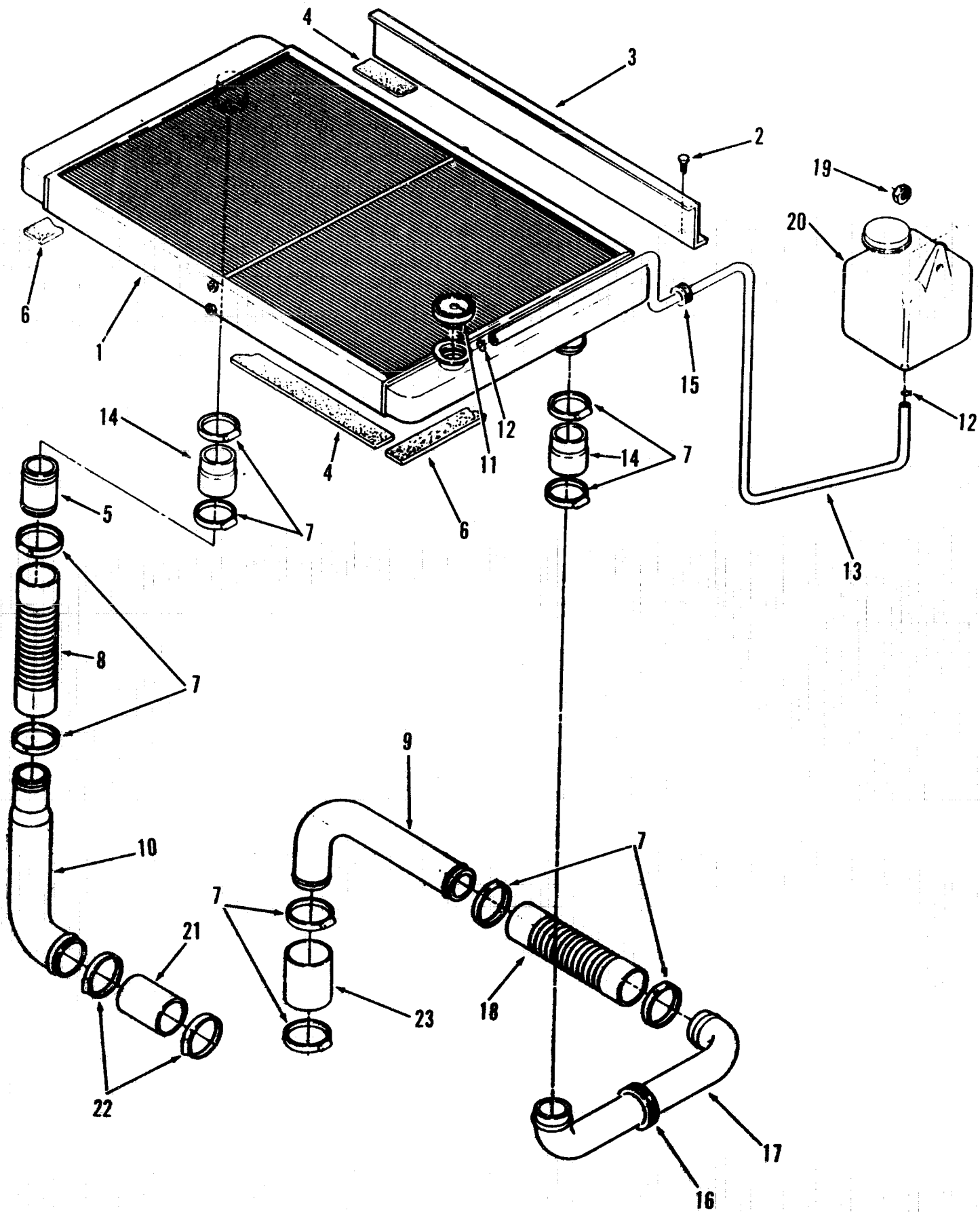
877C

Day Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-0486	1	Box, Control	20	870-0221	4	Nut, Hex - With ET (#8-32)
2	319-0485	1	Cover, Control Box	21	526-0003	4	Washer, Flat (#8)
3	307-2677-02	1	Relay - Pump (K130)	22	308-0913-04	1	Switch - 5 Float
4	322-0403-02	1	Light Assembly, Indicator - Seven Light (Includes Wiring Harness)	23	505-0025	1	Reducer, Pipe (1-1/2" to 1-1/4")
5	322-0369-02	1	Lamp, Indicator - Replacement	24	370-4066	4	Spacer, Control Mounting
6	308-0912	1	Switch, Rocker - On/Off/Emergency Run (S102)	25	800-0010	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
7	308-0739	1	Switch, Rocker - Test/Reset (S111)	26	850-0040	4	Washer, Lock - Spring (1/4")
8	320-1653	1	Breaker, Circuit - DC (CB107)	27	399-0117	1	Pump (P103)
9	320-1654	1	Breaker, Circuit - AC (CB101)		399-0122		Coupler, Pump
10	300-3464	1	Board, Printed Circuit		399-0121		Kit, Repair
11	870-0458	4	Spacer - Printed Circuit Board	28	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1")
12	338-2382	1	Harness, Wiring - Control Box	29	526-0022	4	Washer, Flat (5/16")
13	815-0350	5	Screw, Self-Tapping - Slotted Hex Washer Head (#10-32 x 3/8")	30	850-0045	4	Washer, Lock - Spring (5/16")
14	812-0075	2	Screw, Machine - Round Head (#8-32 x 1/4")	31	862-0015	4	Nut, Hex (5/16")
15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")	32	338-2567	1	Harness, Wiring (Pump to Control Box Printed Circuit Board TB1)
16	332-2605	2	Jumper, Terminal	33	502-0942	2	Elbow, Hose - Beaded - 90°
17	331-0027	2	Connector, Romex	34	503-0183	2	Clamp, Hose
18	331-0042	1	Connector, Knockout	35	503-1660-02	1	Hose, Fuel (5/8" ID x 20")
19	315-0686	1	Transformer (Does Not Include Primary and Secondary Harnesses) (T105)				
	338-2403	1	Harness, Wiring - Primary (10") T105H1, H4 to TB1-5, TB1-9)				
	338-2404	1	Harness, Wiring - Secondary (6") (T105X1, X2 to P4)				
	323-1302	2	Pin, Contact				
	323-1374-04	1	Housing, Connector (4 Place) (P4)				

C149

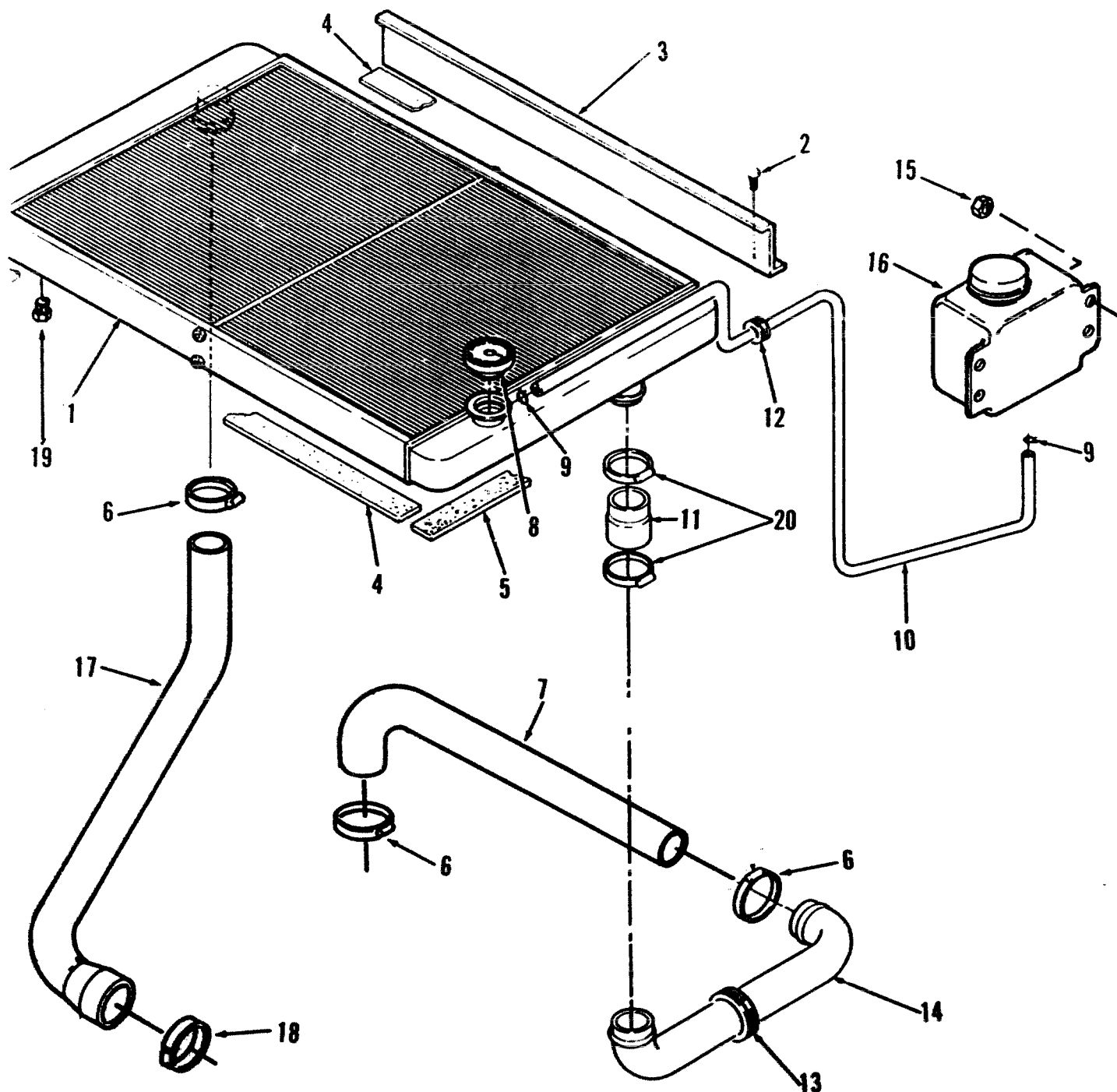
Radiator (Spec A - C)



Radiator (Spec A - C)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3415	1	Radiator	12	503-0731	2	Clamp, Hose
2	821-0018	10	Screw, Cap - Hex Locking Head (1/4-20 x 1")	13	503-0276	-	Hose, Overflow - Bulk (5/16" ID) (Order by the foot - 4' required)
3	130-3605	2	Hold-down, Radiator	14	503-1739	2	Hose, Reducer
4	895-0182	-	Tape, Sealing - Bulk (1/4" Thk x 3/4" Wide) (Order by the foot - 9' required)	15	508-0021	1	Grommet, Rubber (3/4" Hole)
5	130-3743	1	Tube, Radiator Outlet (3")	16	508-0313	1	Grommet, Rubber (2-1/8" Hole)
6	895-0170	-	Tape, Sealing - Bulk (3/8" Thk x 3/4" Wide) (Order by the foot - 4' required)	17	130-3665	1	Tube, Radiator Inlet
7	503-0365	10	Clamp, Hose	18	503-1733	1	Hose, Radiator - Flexible (8-1/2")
8	503-1732	1	Hose, Radiator - Flexible (11")	19	870-0212	1	Nut, Self-Locking (1/4-20)
9	130-3742	1	Tube, Radiator Inlet	20	130-3671	1	Tank, Overflow
10	130-3741	1	Tube, Radiator Outlet	21	503-1379-02	1	Hose, Radiator (3")
11	130-2003	1	Cap, Radiator	22	503-0354	2	Clamp, Hose
				23	503-0980	1	Hose, Radiator (3")

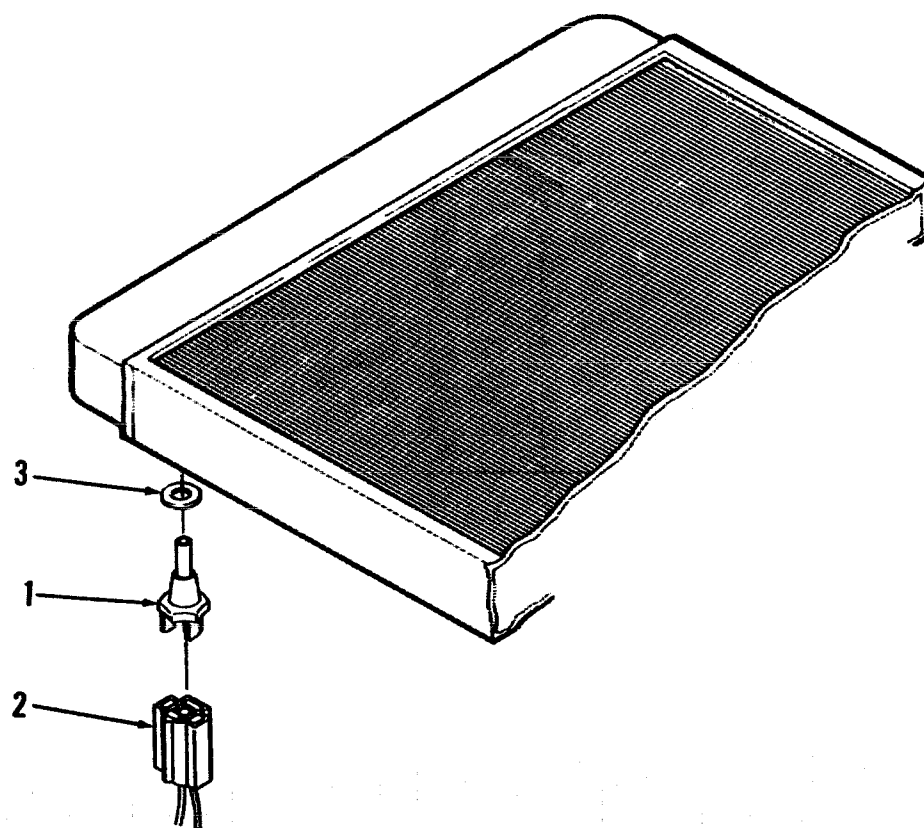
Radiator (Spec D)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3415	1	Radiator
2	821-0018	10	Screw, Cap - Hex Locking Head
3	130-3605	2	Hold-down, Radiator
4	895-0182	-	Tape, Weatherstripping (1/4 x 3/4 Wide) (Order by the foot - 9' required)
5	895-0170	-	Tape, Sealing - Bulk (3/8"Thk x 3/4" Wide) (Order by the foot - 4' required)
6	503-0365	3	Clamp, Hose
7	130-3915	1	Hose, Radiator
8	130-3929	1	Cap, Radiator
9	503-0731	2	Clamp, Hose

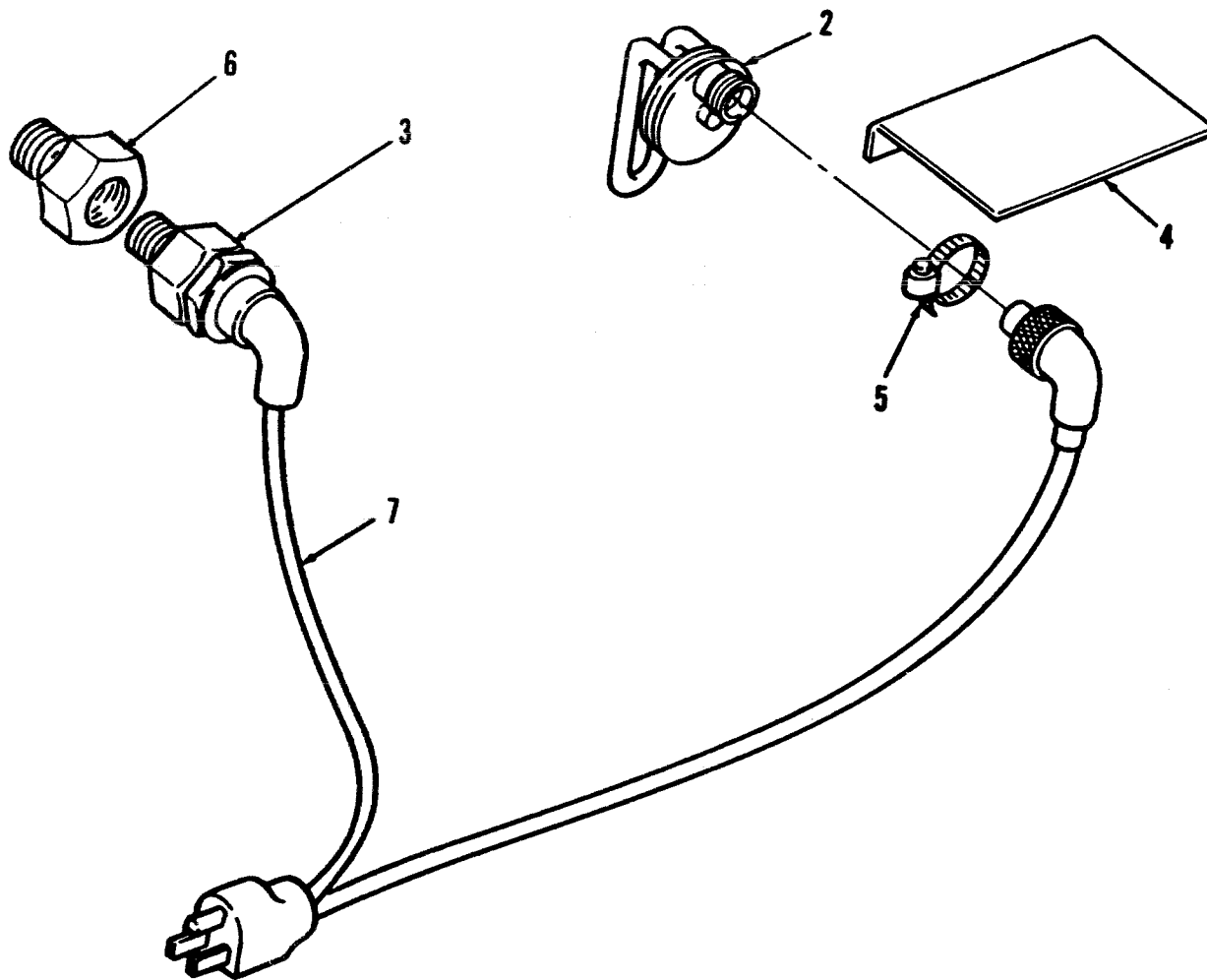
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	503-0276	-	Hose, Overflow - Bulk (5/16"ID) (Order by the foot - 4' required)
11	503-1739	1	Hose, Reducer
12	508-0021	1	Grommet, Rubber (3/4" Hole)
13	508-0051	1	Grommet, Rubber (2-1/8" Hole)
14	130-3665	1	Tube, Radiator Inlet
15	870-0257	4	Nut, Self-Locking (5/16-18)
16	130-3983	1	Tank, Overflow
17	130-3914	1	Hose, Radiator
18	503-0354	1	Clamp, Hose
19	502-0153	1	Plug, Pipe - Hex (1/4"NPT-M)
20	503-0429	2	Clamp, Hose

Low Coolant Level Sender



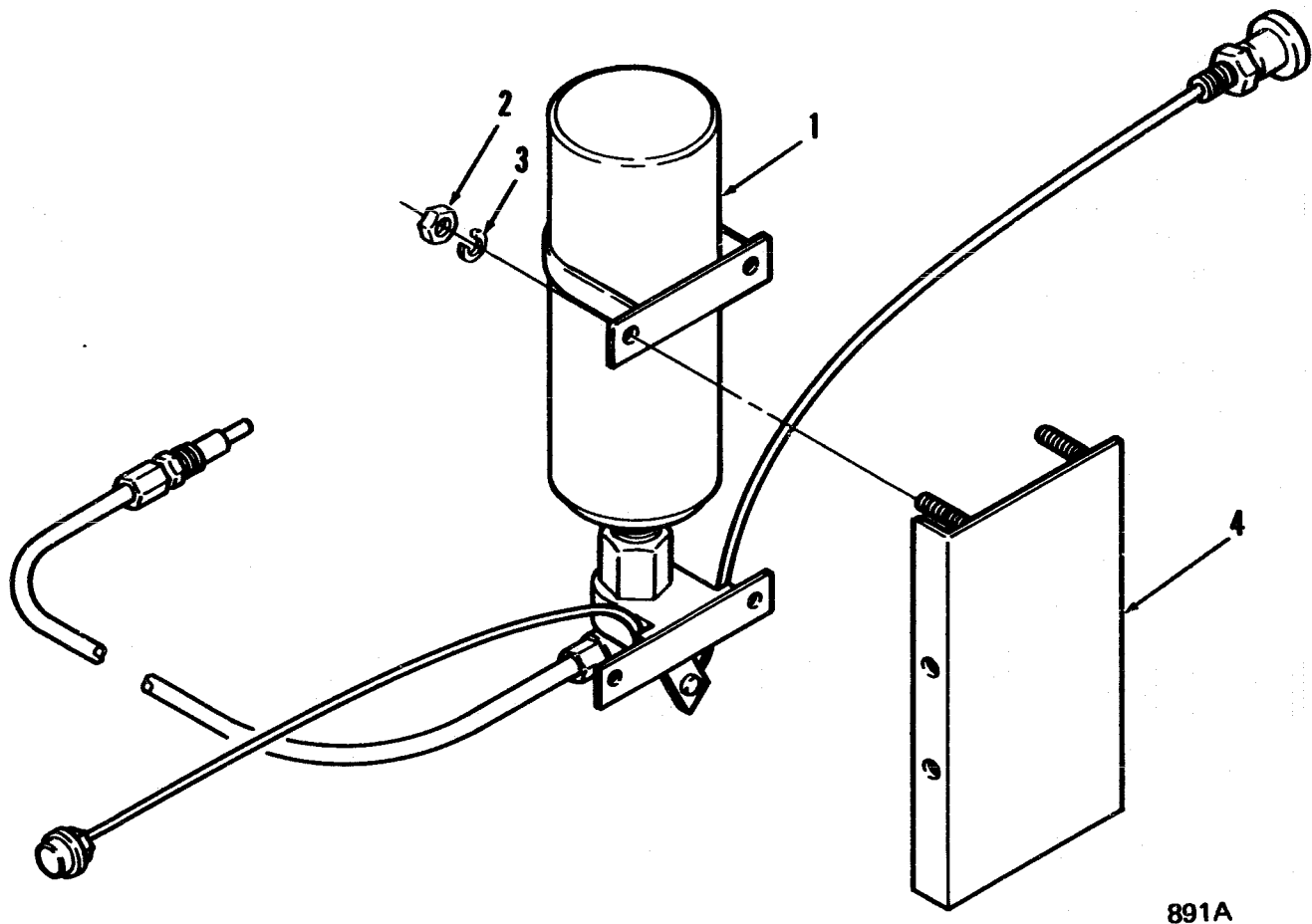
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0322	1	Sender, Low Coolant Level (S7)
2	338-2552	1	Harness, Wiring
3	526-0028	5	Shim

Engine Coolant Heater



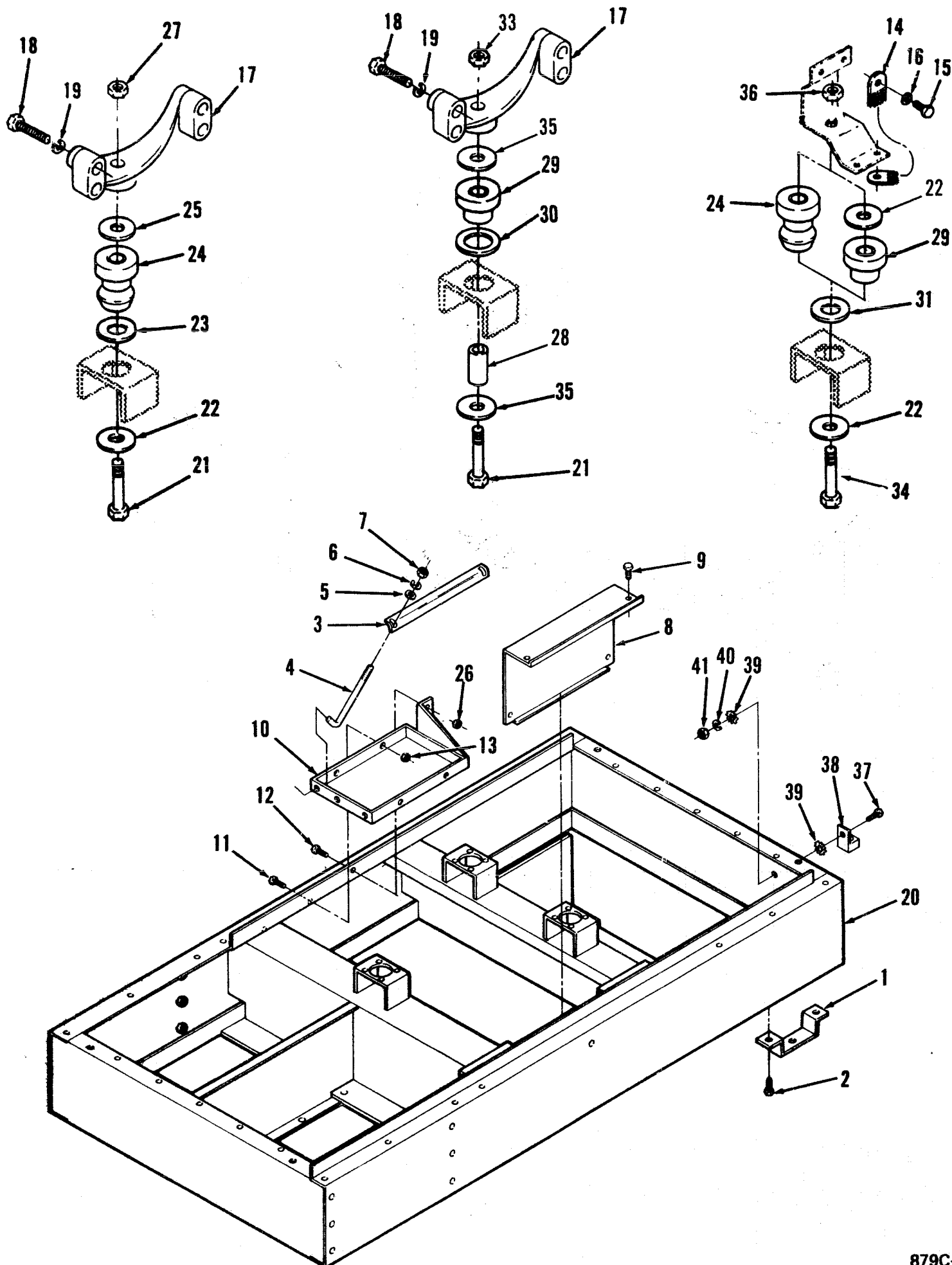
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Heater - Engine Coolant (750W) (Includes Parts Listed Below)	3			Thermostat
	333-0386	1	120 Volt AC		333-0292-01	1	120 Volt AC
	333-0387	1	240 Volt AC		333-0292-02	1	240 Volt AC
2			Heater, Engine Coolant (750W)	4	155-2353	1	Shield, Heat
	333-0291-01	1	120 Volt AC	5	503-0183	1	Clamp
	333-0291-02	1	240 Volt AC				

Ether Starting Aid



REF NO.	ONAN PART NO.	CUMMINS PART NO.	QTY. USED	PART DESCRIPTION
1	147-0815	3911610	1	Starting Aid, Ether
2	862-0001		4	Nut, Hex (1/4-20)
3	850-0040		4	Washer, Lock - Spring (1/4")
4	147-0816		1	Bracket, Mounting

Skid

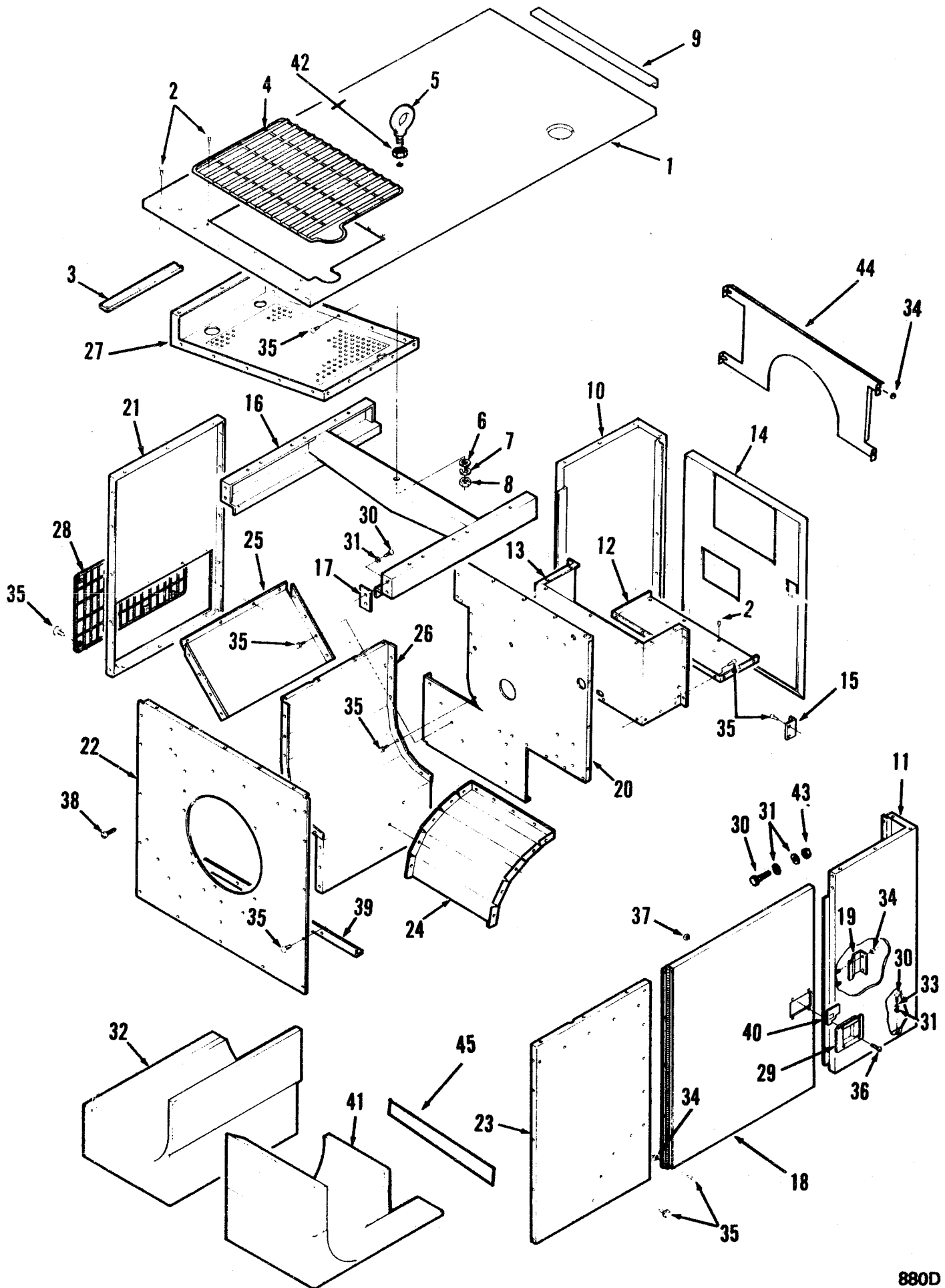


Skid

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3002	4	Foot, Skid	26	870-0257	1	*Nut, Locking (5/16-18)
2	800-0091	8	Screw, Cap - Hex Head (1/2-20 x 1-1/4")				Engine End - 36QSG, 50QSG
3	416-0963-02	1	Hold-down, Battery	27	870-0491	1	*Nut, Locking - Hex (5/8-11)
4	416-0896	2	Hold-down, Battery				Engine End - 36QSG, 50QSG
5	526-0015	2	Washer, Flat (1/4")	28	403-3041-01	1	#Spacer (3/4" Long) Engine End - 60QSG
6	850-0040	2	Washer, Lock - Spring (5/16")	29			#Isolator, Vibration - 60QSG
7	862-0001	2	Nut, Hex (1/4-20)		402-0639	1	Engine End
8	405-4273	1	Duct, Air		402-0638	2	Generator End
9	815-0290	4	Screw, Thread Forming - Hex Washer Head (1/4-20 x 5/8")	30	403-3004	1	#Spacer (1-1/4" ID x 2" OD x 1/8" Thk) Engine End - 60QSG
10	416-0962	1	Tray, Battery	31			Spacer - Generator End
11	821-0030	6	Screw, Cap - Hex Locking Head (3/8-16 x 1")		403-3005	2	* 36QSG, 50QSG (1-1/2" ID x 3" OD x 1/2" Thk)
12	816-0099	1	Bolt, Carriage (5/16-18 x 3/4")		403-3028	2	# 60QSG (1-3/8" ID x 3" OD x 3/8" Thk)
13	870-0281	4	Nut, Locking (3/8-16)	33	870-0490	1	#Nut, Locking - Hex (1/2-13)
14	337-1837	1	Strap, Ground				Engine End - 60QSG
15	815-0290	1	Screw, Thread Forming - Hex Washer Head (1/4-20 x 5/8")	34			Screw, Cap - Hex Head - Generator End
16	856-0010	1	Washer, Lock - EIT (3/8")		800-0140	2	* 36QSG, 50QSG (5/8-11 x 3-1/2")
17	403-2567-01	1	Support, Engine - Front		800-0138	2	# 60QSG (5/8-11 x 3")
18	800-2119	4	Screw, Cap - Hex Head (M12 x 65MM)	35	403-3042-01	2	*#Washer, Retainer (17/32" ID x 2-3/4" OD x 11/64" Thk) Engine End - 60QSG
19	850-2012	4	Washer, Lock - Spring (M12)				*#Nut, Locking (5/8-11) Generator End - 60QSG
20			Skid	36	870-0491	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
	403-3014	1	+ 36QSG, 50QSG - Standard Stack	37	800-0030	1	Lug, Solderless - Generator Set Grounding
	403-3097	1	+ 50QSG - Extended Stack	38	332-1473	1	Washer, Lock - EIT (5/16")
	403-3034	1	+ 60QSG - Standard Stack	39	856-0008	2	Washer, Lock - Spring (5/16")
	403-3097	1	+ 60QSG - Extended Stack	40	850-0045	1	Nut, Hex (5/16-18)
21			Screw, Cap - Hex Head - Engine End	41	862-0015	1	
	800-0142	1	* 36QSG, 50QSG (5/8-11 x 4")				
	800-0098	1	# 60QSG (1/2-13 x 3")				
22			*#Washer, Retainer				
	403-3042-02	4	36QSG, 50QSG, 60QSG (21/32" ID x 2-3/4" OD x 11/64" Thk) Generator End				
	403-3042-02	2	Generator End 50QSG, 60QSG with Extended Stack				
23	403-3005	1	*Spacer (1-1/2" ID x 3" OD x 1/2" Thk) Engine End - 36QSG, 50QSG				
24	402-0637	3	*Isolator, Vibration - Engine and Generator End - 36QSG, 50QSG				
25	403-3029	1	*Spacer (11/16" ID x 3" OD x 7/64" Thk) Engine End - 36QSG, 50QSG				

* - Mounting Hardware for 36QSG and 50QSG
- Mounting Hardware for 60QSG
+ - Determination of Service Replacement Parts where Standard Stack and Extended Stack are Listed can be Identified as Follows:
Standard Stack Generators - Mounted on 15" Width Centers
Extended Stack Generators - Mounted on 18-9/16" Width Centers

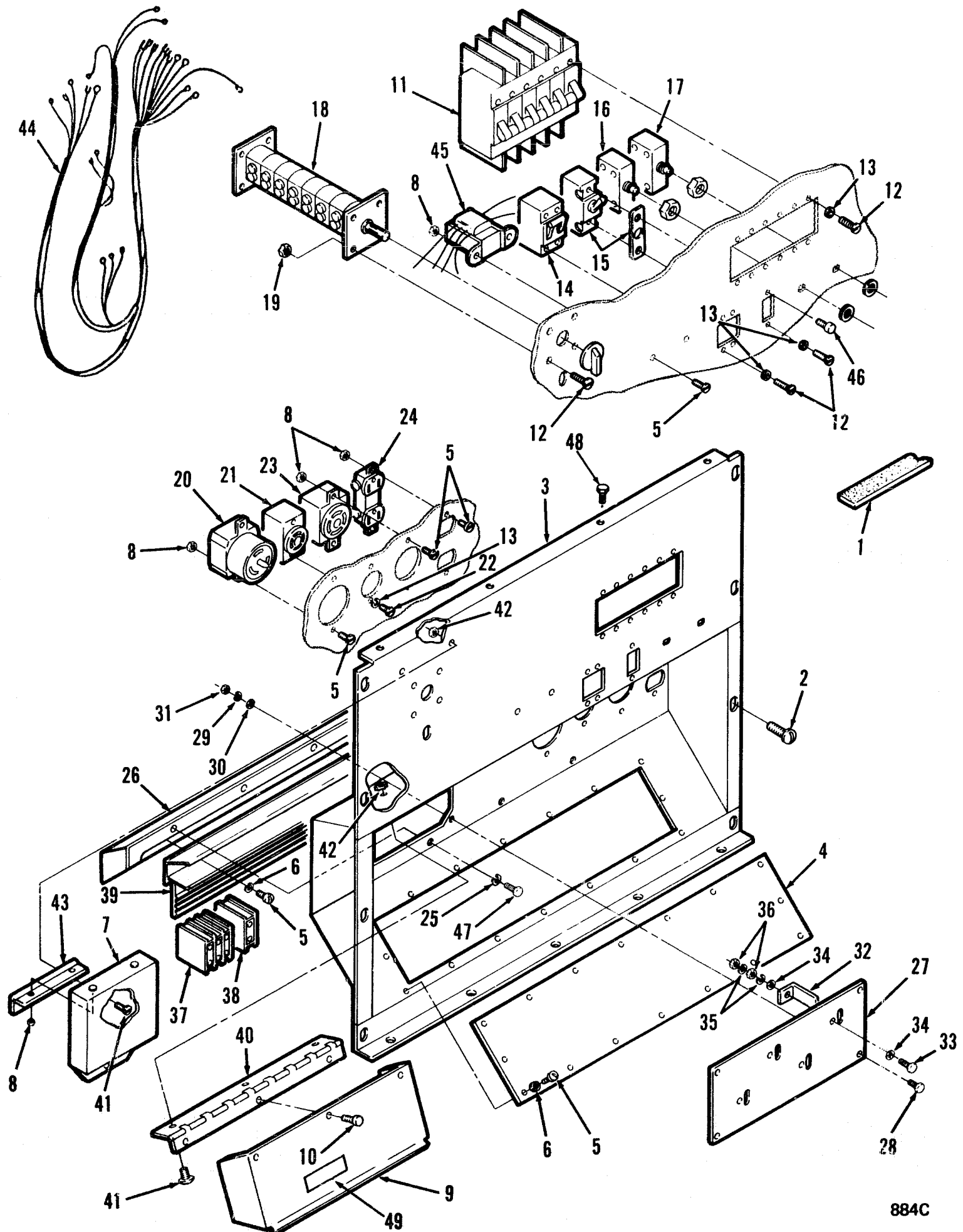
Housing



Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-4258	1	Panel, Top	19	405-4175	2	Catch, Access Door
2	821-0018	63	Screw, Locking - Hex Washer Head (1/4-20 x 5/8")	20	405-4240	1	Panel, Inner
3			Tape, Sealing - Bulk (Order by the foot)	21	405-4244	1	Panel, Front - Left
	895-0308	-	1/8" Thk x 1" Wide - 72' Required	22	405-4181	1	Panel, Front
	895-0172	-	11/16" Thk x 1-1/4" Wide - 3' Required	23	405-4247	1	Panel, Front - Right
	895-0170	-	3/8" Thk x 3/4" Wide - 12' Required	24	405-4172	1	Baffle - Air In
	895-0182	-	1/4" Thk x 3/4" Wide - 17' Required	25	405-4173	1	Baffle - Air Out
4	130-3607	1	Guard, Radiator	26	405-4174	1	Panel, Front - Center
5	232-3542	1	Eyebolt, Lifting	27	405-4250	1	Panel, Radiator Support
6	526-0081	1	Washer, Flat (1-1/64" ID x 1-5/8" OD x 1/8" Thk)	29	406-0700	3	Latch, Door
7	850-0109	1	Washer, Lock - Spring (1-3/64" ID)	30	800-0050	28	Screw, Cap - Hex Head (3/8-16 x 1/2")
8	862-0018	1	Nut, Hex (#1-8)	31	526-2120	36	Washer, Flat (3/8")
9	405-4263	1	Retainer, Top Panel Seal	32	128-0121	1	Foam - Air Out
10	405-4257	1	Panel, Rear - Left	33	850-0050	2	Washer, Lock - Spring (3/8")
11	405-4256	1	Panel, Rear - Right	34	870-0212	18	Nut, Self-Locking - Hex Flange Head (1/4-20)
12	319-0811	1	Panel, Control Housing	35	821-0018	103	Screw, Locking - Hex Washer Head (1/4-20 x 5/8")
13	319-0812	1	Panel, Control Housing	36	815-0607	12	Screw, Machine - Round Head (#10-32 x 1/2")
14	405-4285	1	Door, Control (Includes Windows)	37	870-0235	12	Nut, Hex - With ET (#10-32)
15	405-4264	1	Catch, Control Door	38	815-0771	4	Screw, Machine - Flat Head (1/4-20 x 1/2")
16	405-4283	1	Bar, Lifting	39	403-2965	1	Angle, Skid
17	405-4216	12	Shim	40	128-0119	2	Seal, Foam
18	405-4579-01	2	Door, Access	41	128-0120	1	Foam - Air In
				42	870-1063	1	Nut, Pal (1-8)
				43	862-0003	10	Nut, Hex (3/8-16)
				44	319-1321-01	1	Panel, Generator
				45	128-0130	1	Foam - Acoustical

Receptacle Panel

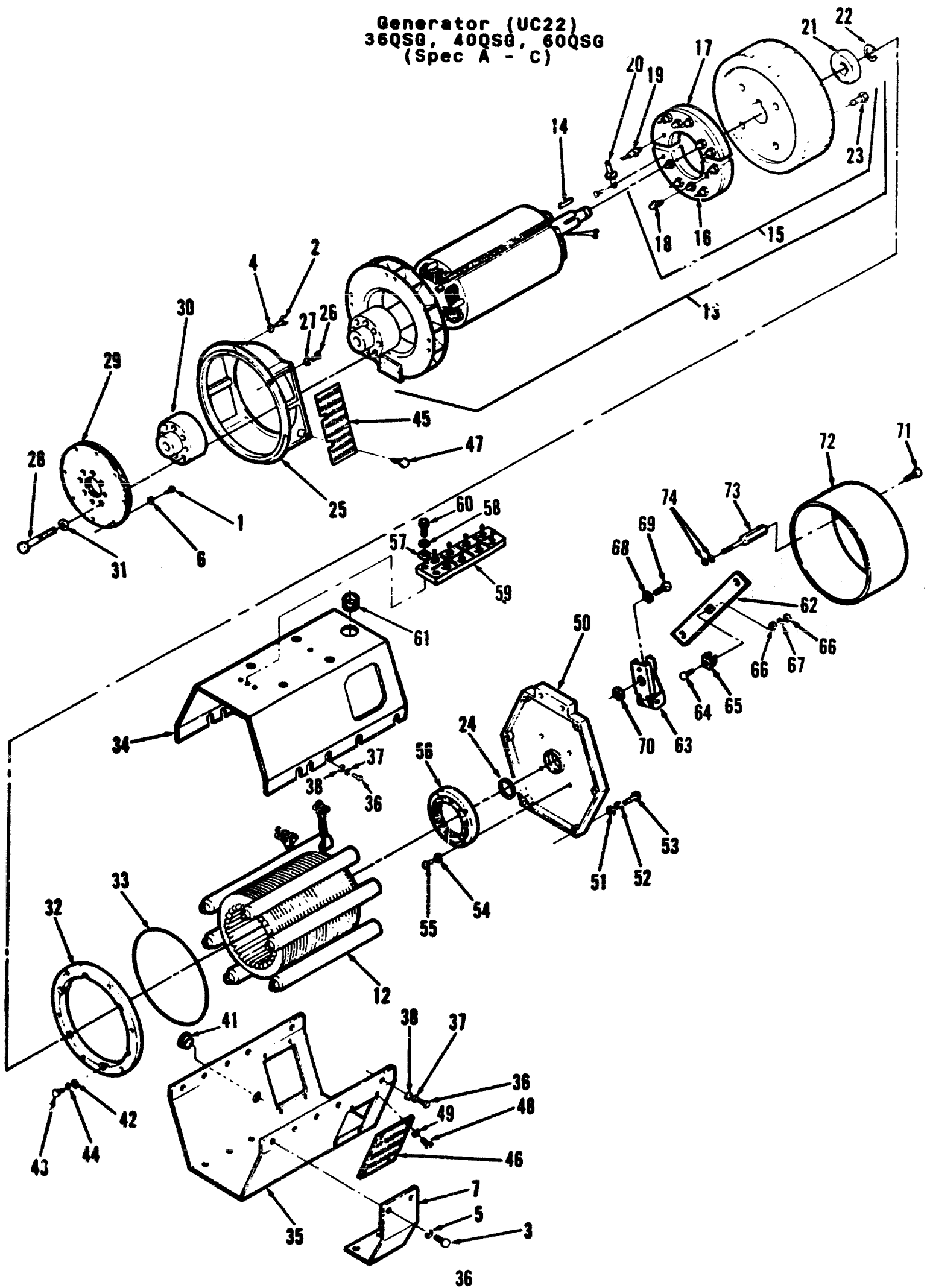


884C

Receptacle Panel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Tape, Sealing - Bulk (Order by the foot)	22	812-0066	2	Screw, Machine - Round Head (#6-32 x 3/4")
	895-0308	-	1/8" Thk x 1" Wide - 9' required	23	323-1109	1	Receptacle (20 Amp - 125 Volt) (J2)
	895-0170	-	3/8" Thk x 3/4" Wide - 3' required	24	323-1104	1	Receptacle, Duplex (20 Amp - 125 Volt) (J1)
2	821-0018	13	Screw, Cap - Hex Locking Head (1/4-20 x 5/8")	25	850-0040	3	Washer, Lock - Spring (1/4")
3	319-0936	1	Panel, Receptacle	26	319-0967	1	Bracket, Terminal
4	319-0938	1	Cover, Terminal Block	27	319-0939	1	Panel, Terminal (TB1)
5			Screw, Machine - Round Head (#8-32 x 3/4")	28	800-0028	4	Screw, Cap - Hex Head (5/16-18 x 1")
	812-0082	16	36QSG, 50QSG	29	850-0046	4	Washer, Lock - Spring (5/16")
	812-0082	16	60QSG	30	526-0022	4	Washer, Flat (5/16")
6			Washer, Lock - ET (#8)	31	862-0002	4	Nut, Hex (5/16-18)
	853-0005	16	36QSG, 50QSG	32	337-2463	4	Bar, Bus (TB1-L0,L1,L2,L3)
	853-0005	16	60QSG	33	800-0053	4	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
7	319-0937	1	Cover, Selector Switch	34	526-0026	8	Washer, Flat (3/8")
8	870-0221	10	Nut, Hex - With ET (#8-32)	35	850-0050	8	Washer, Lock - Spring (3/8")
9	319-0968	1	Cover, Load Terminal	36	862-0003	8	Nut, Hex (3/8-16)
10	815-0162	3	Screw, Machine - Fillister Head (#10-32 x 1/2")	37	332-3042	5	Block, Terminal (Triple Block) 60QSG (TB2-0 Thru 14)
11			Breaker, Circuit - 6 Pole (CB1,2,3,7,8,9)	38	332-3041	13	Block, Terminal (Single Block) 36QSG, 50QSG (TB2-1 Thru 13)
	320-1675-04	1	36QSG (75 Amp)	39			Rail, Mounting - Terminal Block
	320-1675-05	1	50QSG (95 Amp)		332-3043-02	1	36QSG, 50QSG (8-1/8")
	320-1675-06	1	60QSG (110 Amp)		332-3043-03	1	60QSG (15-5/8")
12	812-0061	22	Screw, Machine - Round Head (#6-32 x 3/8")	40	406-0709	1	Hinge, Terminal Cover
13	853-0003	20	Washer, Lock - ET (#6)	41	813-0103	5	Screw, Machine - Round Head (#10-32 x 3/4")
14	320-1676-02		Breaker, Circuit - 2 Pole, 50 Amp (CB13)	42	870-0131	5	Nut, Hex - With ET (#10-32)
15	320-1674	1	Breaker, Circuit (Includes Adapter Plate) - 1 Pole (CB15)	43	406-0710-02	1	Hinge, Switch Cover
16	320-0541	1	Breaker, Circuit (Includes Mounting Hardware) (CB14)	44			Harness, Wiring - Receptacle Panel
17	320-0541	1	Breaker, Circuit (Includes Mounting Hardware) (CB12)		338-2566-03	1	36QSG
18			Switch, Generator Reconnection (S1)		338-2566-04	1	50QSG
	308-0933-01	1	36QSG		338-2566-05	1	60QSG
	308-0932-02	1	50QSG	45	315-0431	1	Transformer, Voltage (TX1)
	308-0932-03	1	60QSG	46	815-0418	1	Screw, Machine - Fillister Head (#6-32 x 1/4")
19	870-0183	4	Nut, Hex - With ET (#6-32)	47	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4")
20	323-1471	1	Receptacle, Twist Lock (50 Amp - 120/250 Volt) (J4)	48	821-0008	4	Screw, Lock
21	323-1109	1	Receptacle (30 Amp - 125/250 Volt) (J3)	49	98-6361	1	Label, Danger

Generator (UC22)
36QSG, 40QSG, 60QSG
(Spec A - C)



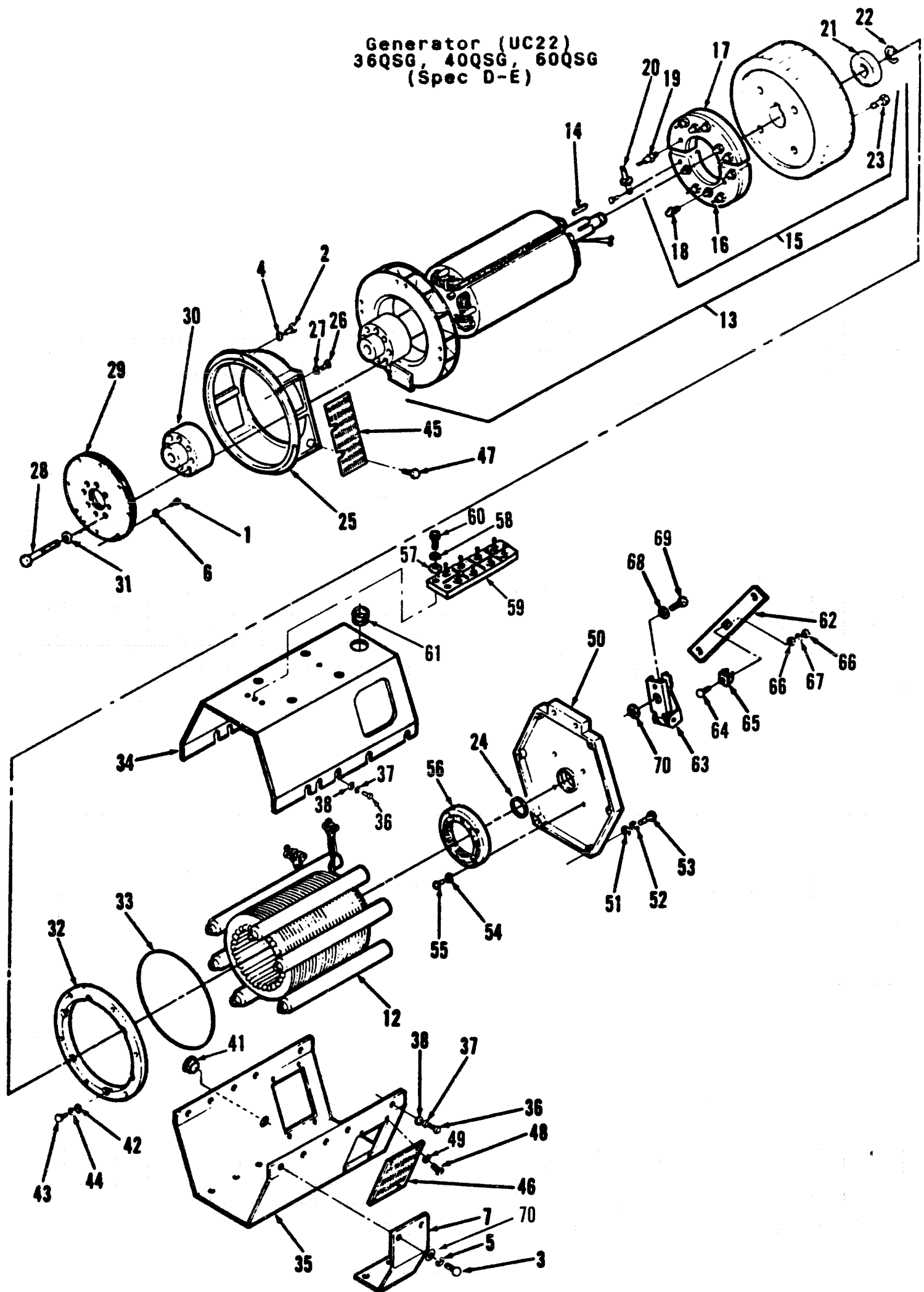
**Generator (UC22)
36QSG, 40QSG, 60QSG
(Spec A - C)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	36			Screw, Cap - Hex Head
2			Screw, Cap - Hex Head	800-2087	8		36QSG (M10 x 30mm)
	800-2088	8	M10 x 1.5 x 35	800-2086	10		40QSG, 60QSG (M10 x 25mm)
	800-2090	4	M10 x 1.5 x 45	37			Washer, Lock - Spring (M10)
3	800-2087	8	Screw, Cap - Hex Head	850-2010	8		36QSG
			(M10 x 1.5 x 30)	850-2010	10		40QSG, 60QSG
4	850-2010	12	Washer, Lock - Spring (M10)	38			Washer, Flat (M10)
5	850-2010	8	Washer, Lock - Spring (M10)	526-2120	8		36QSG
6	526-0174	8	Washer, Flat (3/8")	526-2120	10		40QSG, 60QSG
7	232-3550	2	Feet, Generator Mounting	41	517-0135	1	Plug
12			Stator	42	526-0213	6	Washer, Flat (M8)
	220-4296-01	1	36QSG (130 Stack Length)	43	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
	220-4296-02	1	40QSG (180 Stack Length)	44	850-2008	6	Washer, Lock - Spring (M8)
	220-4296-03	1	60QSG (240 Stack Length)	45	234-0863	2	Guard, Fan
13			Rotor Assembly (Includes Parts Marked *)	46	234-0878	2	Screen, Air Inlet
	201-3473-01	1	36QSG (130 Core Length)	47	821-2020	8	Screw, Locking - Flange (M5 x 10)
	201-3473-02	1	40QSG (180 Core Length)	48	815-0793-03	8	Screw, Hex - Flange (M5 x .8 x 12)
	201-3473-03	1	60QSG (240 Core Length)	49	850-2005	8	Washer, Lock - Spring (M5)
14			*Key	50	211-0422	1	Bell, End
	515-0298-01	1	36QSG (130 Core Length)	51	232-3441	6	Washer, Flat
	515-0298-02	1	40QSG, 60QSG (180, 240 Core Length)	52	850-2008	6	Washer, Lock - Spring (M8)
15			*Rotor Assembly, Exciter (Includes Parts Marked †)	53	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
	201-3434-01	1	36QSG (Newage part number 210-1036) (130 and 160 Core Length)	54	850-2006	4	Washer, Lock - Spring (M6)
	201-3434-02	1	40QSG, 60QSG (Newage part number 210-1037) (180, 240 and 300 Core Length)	55			Screw, Cap - Hex Head
16	357-0091	1	*†Rectifier Assembly, Forward (Includes Diodes)	800-2039	4		36QSG (M6 x 45mm)
17	357-0092	1	*†Rectifier Assembly, Reverse (Includes Diodes)	800-2042	4		40QSG, 60QSG (M6 x 60mm)
18	358-0135-01	3	*†Diode, Positive (Forward) Includes Lead	56	220-4293-04	1	Stator, Exciter
19	358-0135-02	3	*†Diode, Negative (Reverse) Includes Lead	220-4293-05	1		36QSG (Newage Part Number 230-1000) (30 Core Length)
20	304-0807	1	*Varistor				40QSG, 60QSG (Newage Part Number 230-1001) (40 Core Length)
21	510-0165	1	*Bearing, Ball	57	526-2100	3	Washer, Flat (M8)
22	518-0122	1	*Ring, Retaining	58	850-2008	3	Washer, Lock - Spring (M8)
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	59	232-3421	1	Block, Main Terminal
24	509-0266-01	1	Ring, "O"	60	800-2060	3	Screw, Cap - Hex Head (M8 x 1.25 x 35)
25	231-0316	1	Adapter, Generator (SAE 2)	61	508-1057	1	Grommet
26	800-2090	6	Screw, Cap - Hex Head (M10 x 45)	62	150-2309	1	Bracket, Overspeed Switch
27	850-2010	6	Washer, Lock - Spring (M10)	63	150-0956	1	Switch, Overspeed
28	800-2173	8	Screw, Cap - Hex Head (M16 x 40)	64	150-0723	1	Point, Overspeed
29	232-3443	2	Disc, Generator Drive (SAE 11.5)	65	870-0250	1	Nut, Insulated
31	526-0259	8	Washer, Flat (M16)	66	862-0001	2	Nut, Hex (1/4-20)
32	231-0318	1	Ring, Adapter	67	853-0013	1	Washer, Lock - ET (1/4")
33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)	68	856-0010	1	Washer, Lock - EIT (3/8")
34			Cover, Stator - Upper	69	800-2087	1	Screw, Cap - Hex Head (M10 x 30mm)
	234-0902-02	1	36QSG (130 Stack Length)	70	526-0240	1	Washer, Flat (13/32" ID x 1-1/2" OD x 1/8" Thk)
	234-0902-01	1	40QSG, 60QSG (180, 240 Stack Length)	71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)
35			Cover, Stator - Lower	72	234-0875-01	1	Cover, End Bell
	232-3430-01	1	36QSG (130 and 160 Stack Length)	73	232-3462-01	4	Spacer, Cover
	232-3430-02	1	40QSG, 60QSG (180 and 240 Stack Length)	74	526-2080	4	Washer, Flat (M6)

* - Parts Included in Rotor Assembly.

† - Parts Included in Exciter Rotor Assembly.

Generator (UC22)
36QSG, 40QSG, 60QSG
(Spec D-E)



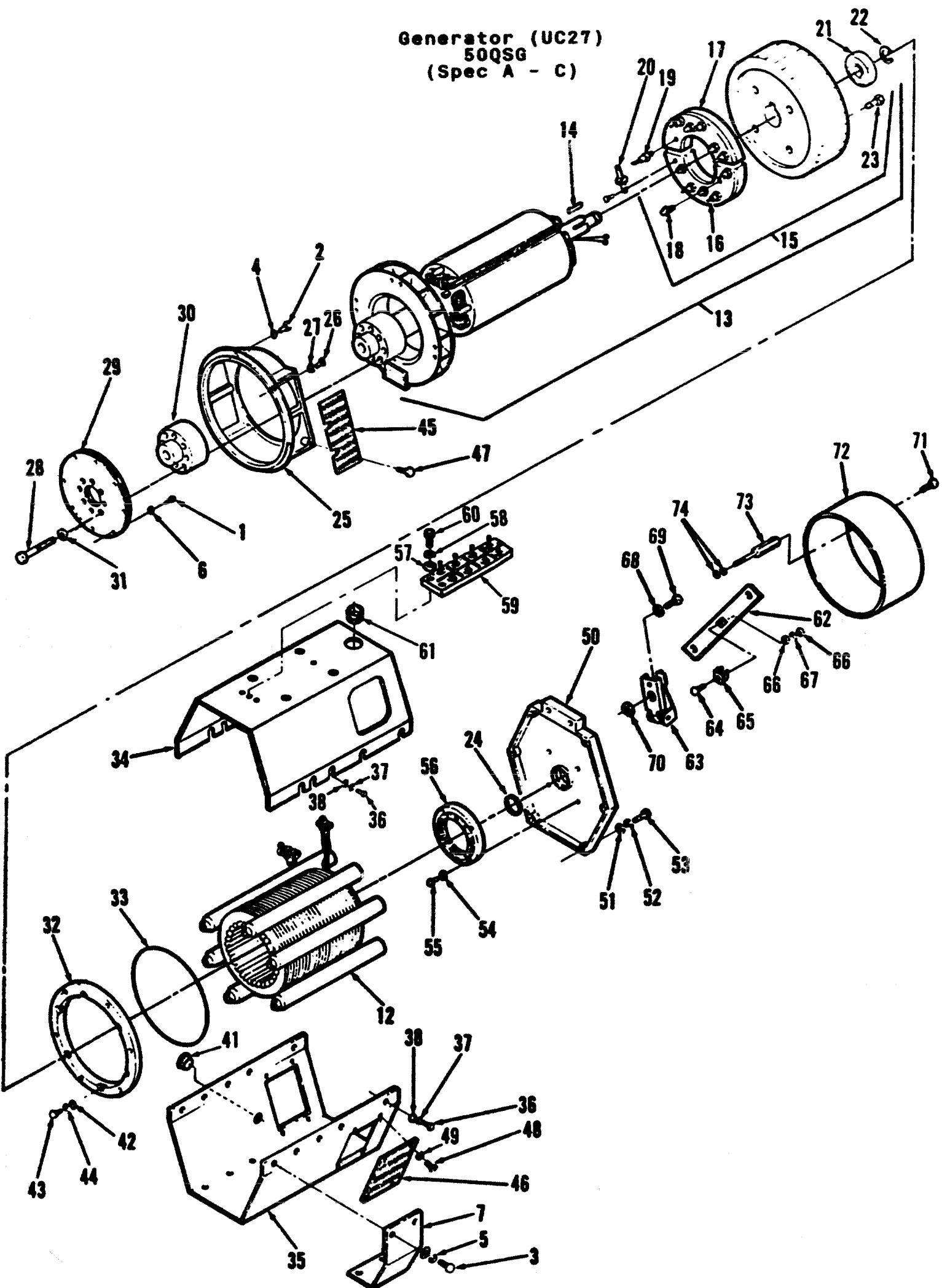
**Generator (UC22)
36QSG, 40QSG, 60QSG
(Spec D-E)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	35			Cover, Stator - Lower
2			Screw, Cap - Hex Head	232-3819-01	1		36 QSG (130 and 160 Stack Length)
	800-2088	8	M10 x 1.5 x 35	232-3819-02	1		40 QSG, 60 QSG (180 and 240 Stack Length)
	800-2090		M10 x 1.5 x 45	232-3819-03	1		QSGCA/B (300 Stack Length)
3	800-2087	8	Screw, Cap - Hex Head (M10 x 1.5 x 30)				Screw, Cap - Hex Head (10 x 25)
4	850-2010	12	Washer, Lock - Spring (M10)	36	800-2086	8	36QSG
5	850-2010	8	Washer, Lock - Spring (M10)		800-2086	10	40QSG, 60QSG
6	526-0174	8	Washer, Flat (3/8")	37	850-2010	8	Washer, Lock - Spring (M10)
7	232-3550	2	Feet, Generator Mounting		850-2010	10	40QSG, 60QSG
12			Stator	38	526-2120	8	Washer, Flat (M10)
	220-4296-01	1	36QSG (130 Stack Length)		526-2120	10	36QSG
	220-4296-02	1	40QSG (180 Stack Length)	41	517-0135	1	40QSG, 60QSG
	220-4296-03	1	60QSG (240 Stack Length)	42	526-0213	6	Washer, Flat (M8)
			QSGBA (160 Stack Length)	43	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
	220-4296-13	1	600 Volt	44	850-2008	6	Washer, Lock - Spring (M8)
	220-4296-15	1	Broad Range	45	234-0903	2	Guard, Fan
	220-4296-16	1	QSGCA (300 Stack Length)	46	234-0878	2	Screen, Air Inlet
			Broad Range	47	821-2020	8	Screw, Locking - Flange (M5 x 10)
			QSGCB (300 Stack Length)	48	815-0793-03	8	Screw, Hex - Flange (M5 x .8 x 12)
	220-4296-14	1	600 Volt	49	850-2005	8	Washer, Lock - Spring (M5)
	220-4296-16	1	Broad Range	50	211-0422	1	Bell, End
13			Rotor Assembly (Includes Parts Marked *)	51	232-3441	6	Washer, Flat
	201-3496-01	1	36QSG (130 Core Length)	52	850-2008	6	Washer, Lock - Spring (M8)
	201-3496-02	1	QSGBA (160 Core Length)	53	800-2058	6	Screw, Cap - Hex Head (M8 x 25)
	201-3496-03	1	40QSG (180 Core Length)	54	850-2006	4	Washer, Lock - Spring (M6)
	201-3496-04	1	60QSG (240 Core Length)	55			Screw, Cap - Hex Head
	201-3496-05	1	QSGCA/B (300 Core Length)		800-2039	4	36QSG
14			*Key		800-2042	4	40QSG, 60QSG
	515-0298-01	1	36QSG (130 Core Length)	56			Stator, Exciter
	515-0298-02	1	40QSG, 60QSG (180, 240 Core Length)		220-4293-04	1	36QSG (Newage Part Number 230-1000) (130-160 Core Length)
15			*Rotor Assembly, Exciter (Includes Parts Marked ¶)		220-4293-05	1	40QSG, 60QSG (Newage Part Number 230-1001) (180, 240, 300 Core Length)
	201-3434-01	1	36QSG (130 Core Length)	57	526-2100	3	Washer, Flat (M8)
	201-3434-02	1	40QSG, 60QSG (180, 240 Core Length)	58	850-2008	3	Washer, Lock - Spring (M8)
16	357-0091	1	*¶Rectifier Assembly, Forward (Includes Diodes)	59	232-3421	1	Block, Main Terminal
17	357-0092	1	*¶Rectifier Assembly, Reverse (Includes Diodes)	60	800-2060	3	Screw, Cap - Hex Head (M8 x 1.25 x 35)
18	358-0135-01	3	*¶Diode, Positive (Forward) Includes Lead	61	508-1057	1	Grommet
19	358-0135-02	3	*¶Diode, Negative (Reverse) Includes Lead	62	150-2309	1	Bracket, Overspeed Switch
20	304-0807	1	*Varistor	63	150-0956	1	Switch, Overspeed
21	510-0165	1	*Bearing, Ball	64	150-0723	1	Point, Overspeed
22	518-0122	1	*Ring, Retaining	65	870-0250	1	Nut, Insulated
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	66	862-0001	2	Nut, Hex (1/4-20)
24	509-0266-01	1	Ring, "O"	67	853-0013	1	Washer, Lock - ET (1/4")
25	231-0328	1	Adapter, Generator (SAE 3)	68	856-0010	1	Washer, Lock - EIT (3/8")
26	800-2090	6	Screw, Cap - Hex Head (M10 x 45)	69	508-0305-02	1	Edging, 1.5 Ft
27	850-2010	6	Washer, Lock - Spring (M10)	70	526-2120	8	Washer, Flat
28	720-1119	8	Screw, Cap - Hex Head (M16 x 40)				
29	232-3699	2	Disc, Generator Drive (SAE 11.5)				
31	526-0259	8	Washer, Flat (M16)				
32	231-0318	1	Ring, Adapter				
33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)				
34			Cover, Stator - Upper				
	234-0936-01	1	36QSG (130 Stack Length)				
	234-0936-02	1	40QSG, 60QSG (180, 240 Stack Length)				
	234-0936-03	1	QSGBA (160 Stack Length)				
	234-0936-04	1	QSGCA/B (300 Stack Length)				

* - Parts Included in the Rotor Assembly.

¶ - Parts Included in the Exciter Rotor Assembly.

Generator (UC27)
50QSG
(Spec A - C)



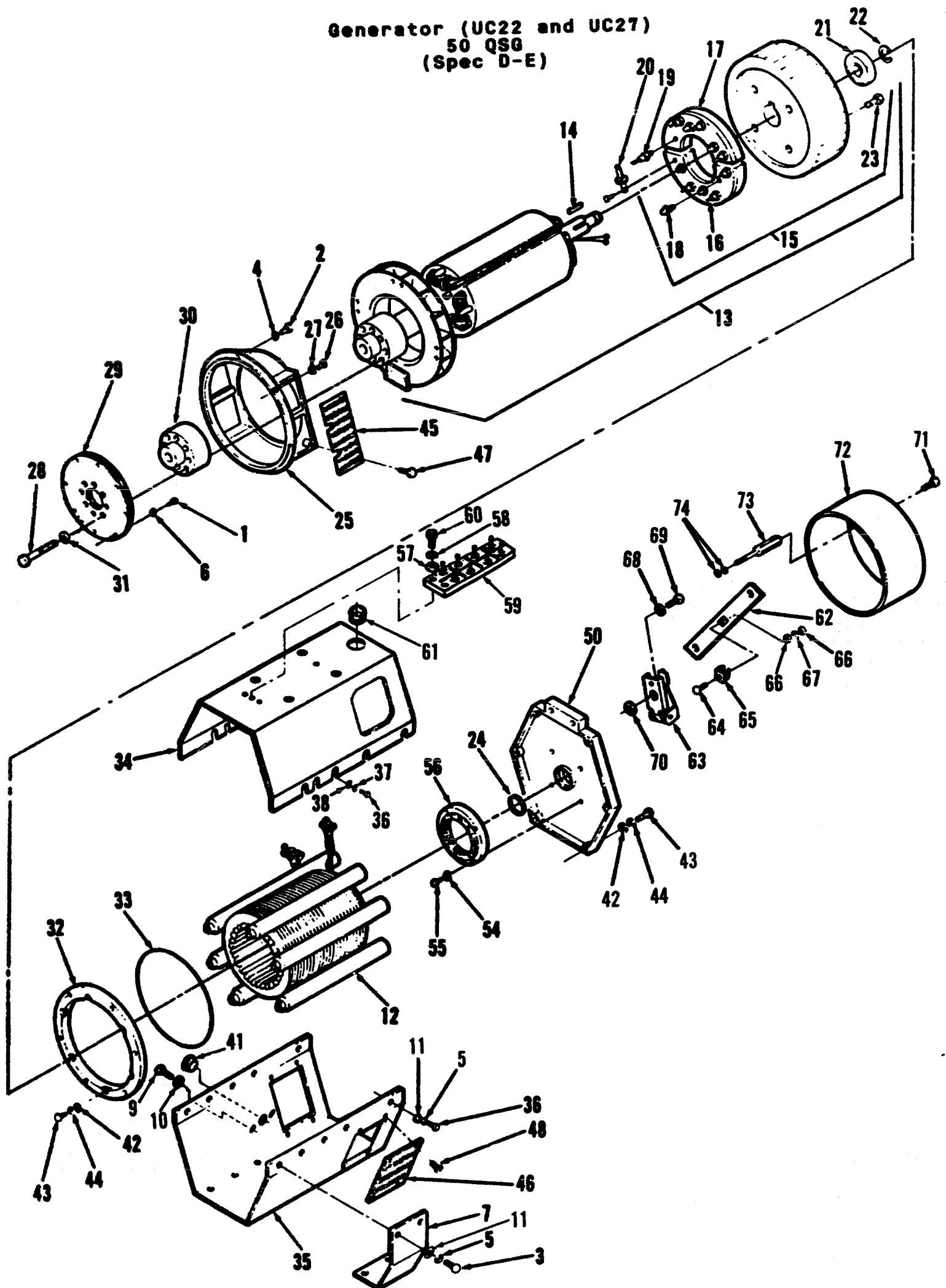
**Generator (UC27)
50QSB
(Spec A - C)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	35			Cover, Stator - Lower
2	800-2088	12	Screw, Cap - Hex Head (M10 x 1.5 x 35)	234-0853-01	1		165/190 Stack Length
3			Screw, Cap - Hex Head (M12 x 1.75 x 35)(165/190 Stack Length)	234-0853-02	1		230/285 Stack Length
	800-2113	8		234-0853-03	1		335 Stack Length
	800-2087	8	(M10 x 1.50 x 30)(230-375 Stack Length)	234-0853-04	1		375 Stack Length
4	850-2010	12	Washer, Lock - Spring (M10)	36	800-2112	10	Screw, Cap - Hex Head (M12 x 30)
5			Washer, Lock - Spring (M12)(165/190 Stack Length)	37	850-2012	10	Washer, Lock - Spring (M12)
	850-2010	8	(M10)(230-375 Stack Length)	38	526-2140	10	Washer, Flat (M12)
6	526-2140	8	Washer, Flat (M12)	41	517-0135	1	Plug
7			Bracket, Mounting - Generator	42	526-0077	6	Washer, Flat (M10)
	232-3550	2	UC22 Generator	43	800-2087	6	Screw, Cap - Hex Head (M10 x 30)
			UC27 Generator	44	850-2010	6	Washer, Lock - Spring (M10)
	232-3573	1	Left Side	45	234-0867	2	Guard, Fan
	232-3574	1	Right Side	46	234-0879	2	Screen, Air Inlet
9	526-2120	8	Washer, Flat (M10)	47	821-2020	8	Screw, Cap - Locking Head (M5 x 10)
12			Stator	48	815-0793-03	8	Screw, Cap - Locking Head (M5 x .8 x 12)
	220-4299-01	1	165 Stack Length	49	850-2005	8	Washer, Lock - Spring (M5)
	220-4299-02	1	190 Stack Length	50			Bell, End
	220-4299-05	1	230 Stack Length		211-0423	1	165/190 Stack Length
	220-4299-06	1	285 Stack Length		211-0422	1	230/285/335/375 Stack Length
	220-4299-07	1	335 Stack Length	51			Washer, Flat (M10) (165/190)
	220-4299-08	1	375 Stack Length		526-0077	6	(M10) 165/190 Stack Length
13			Rotor Assembly (Includes Parts Marked *)		232-3441	6	(M8) (230/285/335/375 Stack Length)
	201-3497-01	1	165 Core Length	52			Washer, Lock (M10) 165/190 Stack Length
	201-3497-02	1	190 Core Length		850-2008	6	(M8) 230/285/335/375 Stack Length
	201-3497-03	1	230 Core Length	53			Screw, Cap - Hex Head (M10 x 30) 165/190 Stack Length
	201-3497-04	1	285 Core Length		800-2087	6	(M8 x 25) 230/285/335/375 Stack Length
	201-3497-05	1	335 Core Length	54	850-2006	4	Washer, Lock - Spring (M6)
	201-3497-06	1	375 Core Length	55	800-2042	4	Screw, Cap - Hex Head (M6 x 1 x 60)
14	515-0298-02	1	*Key	56			Stator, Exciter
15	201-3434-02	1	*Rotor Assembly, Exciter (Includes Parts Marked †) Newage Part Number 210-1037		220-4293-05	1	165/190 Stack Length
16	357-0091	1	*Rectifier Assembly, Forward (Includes Diodes)		220-4293-06	1	230/275 Stack Length
17	357-0092	1	*Rectifier Assembly, Reverse (Includes Diodes)	57	526-2100	3	Washer, Flat (M8)
18	358-0135-01	3	*Diode, Positive (Forward) Includes Lead	58	850-2008	3	Washer, Lock - Spring (M8)
19	358-0135-02	3	*Diode, Negative (Reverse) Includes Lead	59	232-3421	1	Block, Main Terminal
20	304-0807	1	*Varistor	60	800-2080	3	Screw, Cap - Hex Head (M8 x 1.25 x 35)
21	510-0164	1	*Bearing, Ball	61	508-1057	1	Grommet
22	518-0083	1	*Ring, Retaining	62	150-2309	1	Bracket, Overspeed Switch
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	63	150-0956	1	Switch, Overspeed
24	509-0266-02	1	Ring, "O"	64	150-0723	1	Point, Overspeed
25	231-0325	1	Adapter, Generator (SAE 3)	65	870-0250	1	Nut, Insulated
26			Screw, Cap - Hex Head M10 x 56	66	862-0001	2	Nut, Hex (1/4-20)
	800-2091	5	M10 x 60	67	853-0013	1	Washer, Lock - ET (1/4")
	800-2093	1		68	856-0010	1	Washer, Lock - EIT (3/8")
27	850-2010	6	Washer, Lock - Spring (M10)	69	800-2087	1	Screw, Cap - Hex Head (M10 x 30mm)
28	720-1119	8	Screw, Cap - Hex Head (M16 x 40)	70	526-0240	1	Washer, Flat (13/32" ID x 1-1/2" OD x 1/8" Thk)
29	232-3699	3	Disc, Generator Drive (SAE 11.5)	71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)
31	526-0259	8	Washer, Flat (M16)	72	234-0875-01	1	Cover, End Bell
32	231-0319	1	Ring, Adapter	73	232-3462-01	4	Spacer, Cover
33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)	74	526-2080	4	Washer, Flat (M6)
34			Cover, Stator - Upper				
	234-0937-01	1	165/190 Stack Length				
	234-0937-02	1	230/280 Stack Length				
	234-0937-03	1	335 Stack Length				
	234-0937-04	1	375 Stack Length				

* - Parts Included in the Rotor Assembly.

† - Parts Included in the Exciter Rotor Assembly.

Generator (UC22 and UC27)
50 QSG
(Spec D-E)



Generator (UC22 and UC27)

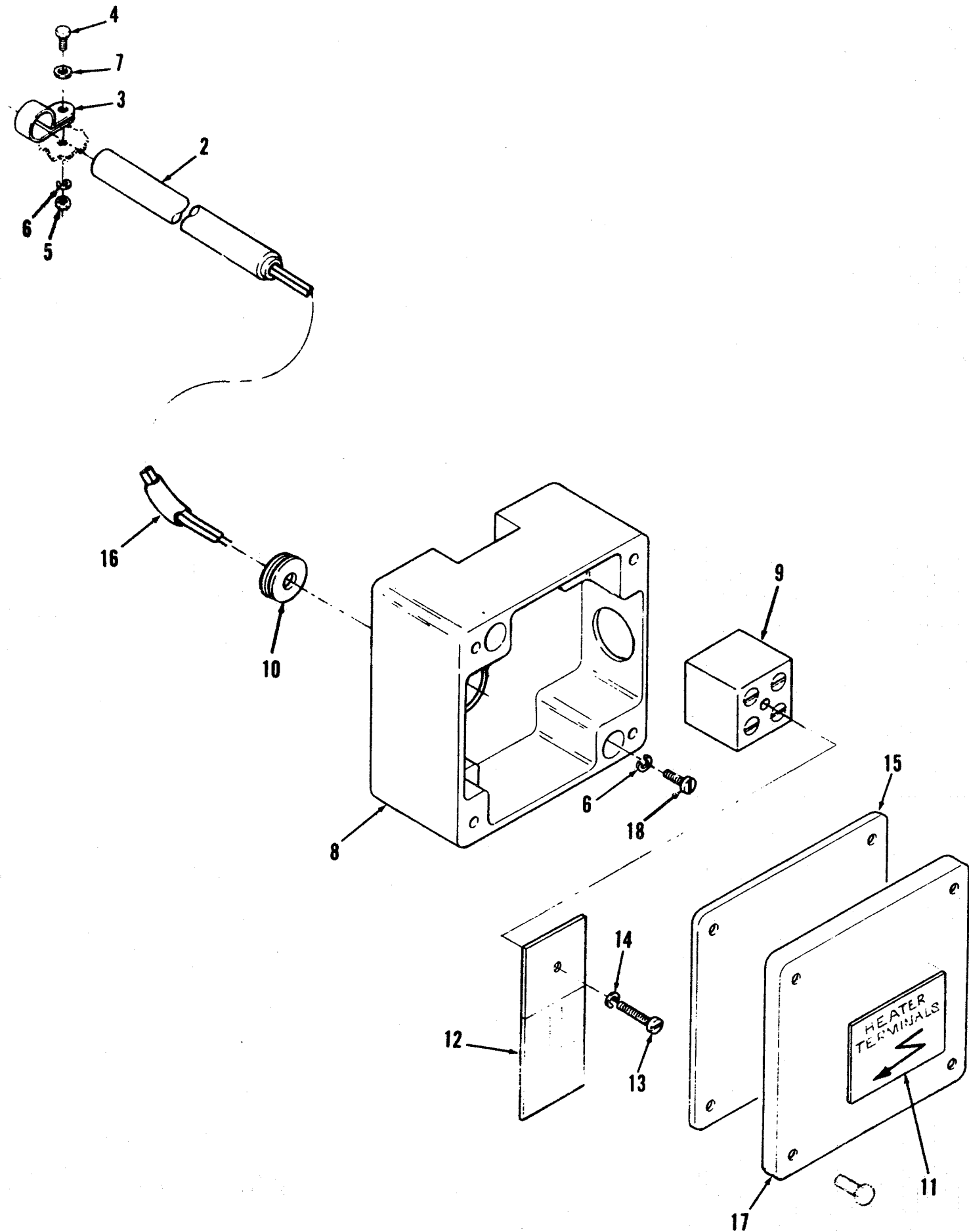
50 QSG
(Spec D-E)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	31	526-0259	8	Washer, Flat (M16)
2			Screw, Cap - Hex Head	32			Ring, Adapter
	800-2088	8	M10 x 35mm		231-0318	1	UC22 Generator
	800-2090	4	M10 x 45mm		231-0319	1	UC27 Generator
3			Screw, Cap - Hex Head	33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)
	800-2087	8	UC22 Generator (M10 x 30mm)				Cover, Stator - Upper
	800-2113	8	UC27 Generator (M12 x 35mm)	34			UC22 Generator
			(M12 x 35mm)		234-0860-02	1	UC27 Generator
4	850-2010	12	Washer, Lock - Spring (M10)		234-0855-01	1	Cover, Stator - Lower
5			Washer, Lock - Spring	35			UC22 Generator
	850-2010	16	UC22 Generator (M10)		232-3819-02	1	UC27 Generator
	850-2012	16	UC27 Generator (M12)		232-3820-01	1	Screw, Cap - Hex Head
6	526-0174	8	Washer, Flat (M12)	36			UC22 Generator (M10 x 25mm)
7			Bracket, Mounting - Generator		800-2086	8	(M10 x 25mm)
	232-3550	2	UC22 Generator		800-2112	8	UC27 Generator (M12 x 30mm)
			UC27 Generator				(M12 x 30mm)
	232-3573	1	Left Side	41	517-0135	1	Plug
	232-3574	1	Right Side	42			Washer, Flat
9	800-4073	2	Screw, Cap - Hex Head		232-3441	12	UC22 Generator (Special)
			(M4 x 10mm)		526-0077	12	UC27 Generator (3/8")
10	850-2004	2	Washer, Lock - Spring (M4)	43			Screw, Cap - Hex Head
11			Washer, Flat		800-2058	12	UC22 Generator (M8 x 25mm)
	526-2120	20	UC22 Generator (M10)		800-2087	12	UC27 Generator (M10 x 30mm)
	526-2140	20	UC27 Generator (M12)	44			Washer, Lock - Spring
12			Stator, Generator		850-2008	12	UC22 Generator (M8)
	220-4296-02	1	UC22 Generator -		850-2010	12	UC27 Generator (M10)
			180 Stack Length	45			Guard, Fan
			UC27 Generator		234-0863	2	UC22 Generator
	220-4299-01	1	165 Stack Length		234-0867	2	UC27 Generator
	220-4299-02	1	190 Stack Length	46			Screen, Air Inlet
13			Rotor Assembly, Generator		234-0878	2	UC22 Generator
			(Includes Parts Marked *)		234-0879	2	UC27 Generator
	201-3484-03	1	UC22 Generator -	47	821-2020	8	Screw, Cap - Locking Head
			180 Core Length				(M5 x 10mm)
			UC27 Generator	48	815-0793-03	8	Screw, Cap - Locking Head
	201-3485-01	1	165 Core Length				(M5 x 12mm)
	201-3485-02	1	190 Core Length	50			Bell, End
14	515-0298-02	1	*Key		211-0422	1	UC22 Generator
15	201-3434-02	1	*Rotor Assembly, Exciter		211-0423	1	UC27 Generator
			(Includes Parts Marked #)	54	850-2006	4	Washer, Lock - Spring (M6)
16	357-0091	1	*Rectifier Assembly - Forward	55	800-2042	4	Screw, Cap - Hex Head
			(Includes Diodes)				(M6 x 60mm)
17	357-0092	1	*Rectifier Assembly - Reverse	56	220-4293-05	1	Stator, Exciter
			(Includes Diodes)	57	526-2100	3	Washer, Flat (M8)
18	358-0135-01	3	*Diode, Positive (Forward)	58	850-2008	3	Washer, Lock - Spring (M8)
			Includes Lead	59	232-3421	1	Block, Main Terminal
19	358-0135-02	3	*Diode, Negative (Reverse)	60	800-2060	3	Screw, Cap - Hex Head
			Includes Lead				(M8 x 35mm)
20	304-0807	1	*Varistor	61	508-1057	1	Grommet
21			*Bearing, Ball	62	150-2309	1	Bracket, Overspeed Switch
	510-0165	1	UC22 Generator	63	150-0956	1	Switch, Overspeed
	510-0164	1	UC27 Generator	64	150-0723	1	Point, Overspeed
22			*Ring, Retaining	65	870-0250	1	Nut, Insulated
	518-0122	1	UC22 Generator	66	862-0001	2	Nut, Hex (1/4-20)
	518-0083	1	UC27 Generator	67	853-0013	1	Washer, Lock - ET (1/4")
23	821-2021	2	*Screw, Cap - Locking Head	68	856-0010	1	Washer, Lock - EIT (3/8")
			(M5 x 12mm)	69	800-2088	1	Screw, Cap - Hex Head
24			Ring, "O"				(M10 x 35mm)
	509-0266-01	1	UC22 Generator	70	526-0240	1	Washer, Flat (13/32" ID x
	509-0266-02	1	UC27 Generator				1-1/2" OD x 1/8" Thk)
25			Adapter, Generator (SAE 2)	71	821-2020	4	Screw, Self-Locking - Hex
	231-0316	1	UC22 Generator				Washer Head (M5 x 10mm)
	231-0317	1	UC27 Generator	72	234-0875-01	1	Cover, End Bell
26			Screw, Cap - Hex Head	73	232-3462-01	4	Spacer, Cover
	800-2091	5	M10 x 50mm	74	526-2080	4	Washer, Flat (M6)
	800-2093	1	M10 x 60mm				
27	850-2010	6	Washer, Lock - Spring (M10)				
28	720-1119	8	Screw, Cap - Hex Head				
			(M16 x 40mm)				
29	232-3443	3	Disc, Drive (SAE 11.5)				
30			Hub, Drive				
	232-3592	1	UC22 Generator				
	232-3593	1	UC27 Generator				

* - Parts Included in Generator Rotor Assembly

- Parts Included in Exciter Rotor Assembly

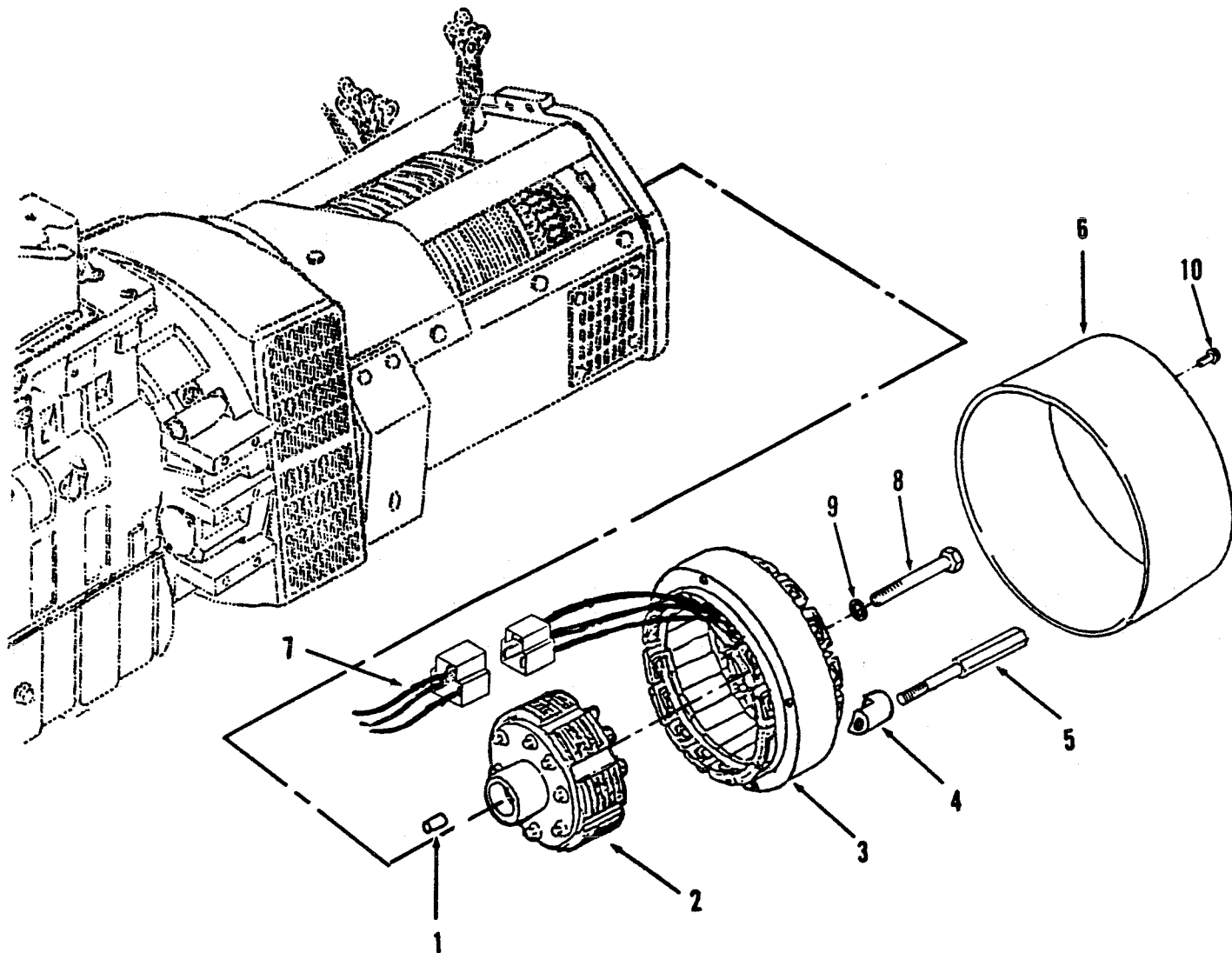
Generator Heater



Generator Heater

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Heater-Generator Includes Parts Marked *)	9	332-3023	1	*Block, Terminal (Newage Part Number 003-14010)
	333-0445	1	120 Volt (Newage Part Number 330-AH02)	10	508-0228	1	*Grommet
	333-0446	1	240 Volt (Newage Part Number 330-AH01)	11	98-6142	1	*Label, Heater ADJ
2			*Cartridge, Heater	12	98-6143	1	*Label, Volts/Watts 120 Volts/280 Watts (Newage Part Number 450-13650)
	333-0438-07	1	120 Volt (Newage Part Number 071-31057)		98-6233	1	240 Volts/210 Watts (Newage Part Number 450-13640)
	333-0438-08	1	240 Volt (Newage Part Number 071-31058)	13	822-3047	1	*Screw, Head-Pan (M3 x 20)
3	332-3024-11	2	*Clamp, Loop (Newage Part Number 052-46058)	14	850-2003	1	*Washer, Lock-Spring (M3)
4	815-0766	4	*Screw, Head-Pan (M4 x 16)	15	330-0141-04	1	*Gasket, Box-Terminal
5	860-2005	2	*Nut, Hex (M4)	16	898-1254-19	1	*Sleeving, CL200 Insulation
6	850-2004	4	*Washer, Lock-Spring (M4)	17	330-0141-03	1	*Cover, Box-Terminal
7	526-2050	2	*Washer, Flat (M4)	18	815-0446	2	Screw, RH x Rec W/IT
8	330-0142	1	*Terminal, Box-Heater (Newage Part Number 450-10060)	* - Parts Included in 333-0445 and 333-0446 Generator Heater Kit.			

Permanent Magnet Exciter



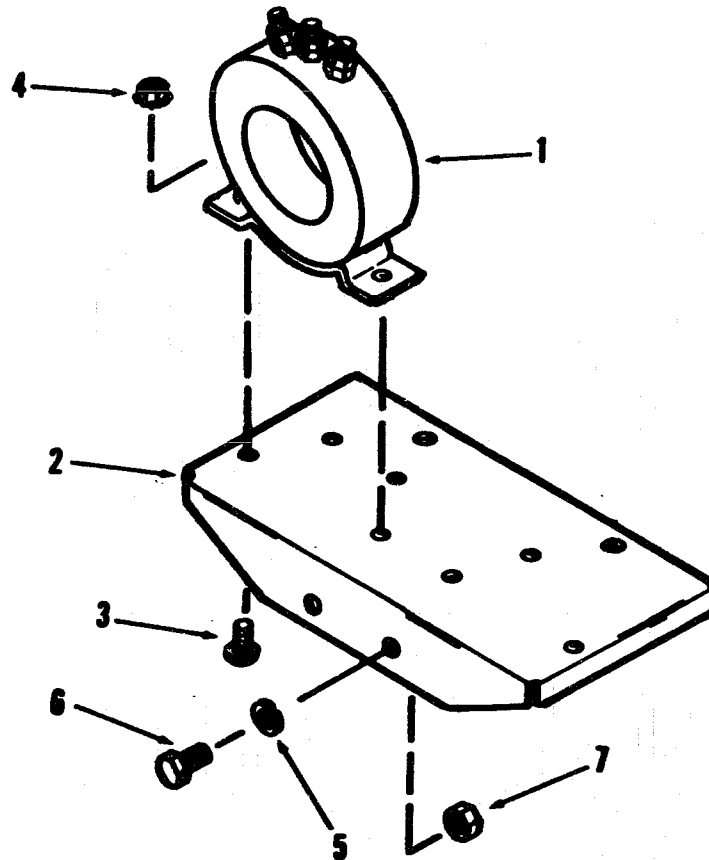
REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
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1	775-0049	054-20505	1	Pin, Dowel
2	201-3446	130-20136	1	Rotor, Exciter
3	220-4233	420-17200	1	Stator, Exciter
4	232-3511	130-20101	4	Clamp, Stator
5	232-3462-02	450-14370	4	Spacer, Mounting - Corner

REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
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6	234-0875-02	450-14360	1	Cover, Bell - End
7	249-0462	450-22000	1	Harness, Wiring
8	815-0761-01	350-14950	1	Bolt (M10 x 1.5 x 110)
9	850-2010	028-31509	1	Washer, Lock - Spring (M10)
10	821-2020		4	Screw, Locking - Hex Head Flange (M5 x 0.8 x 10)

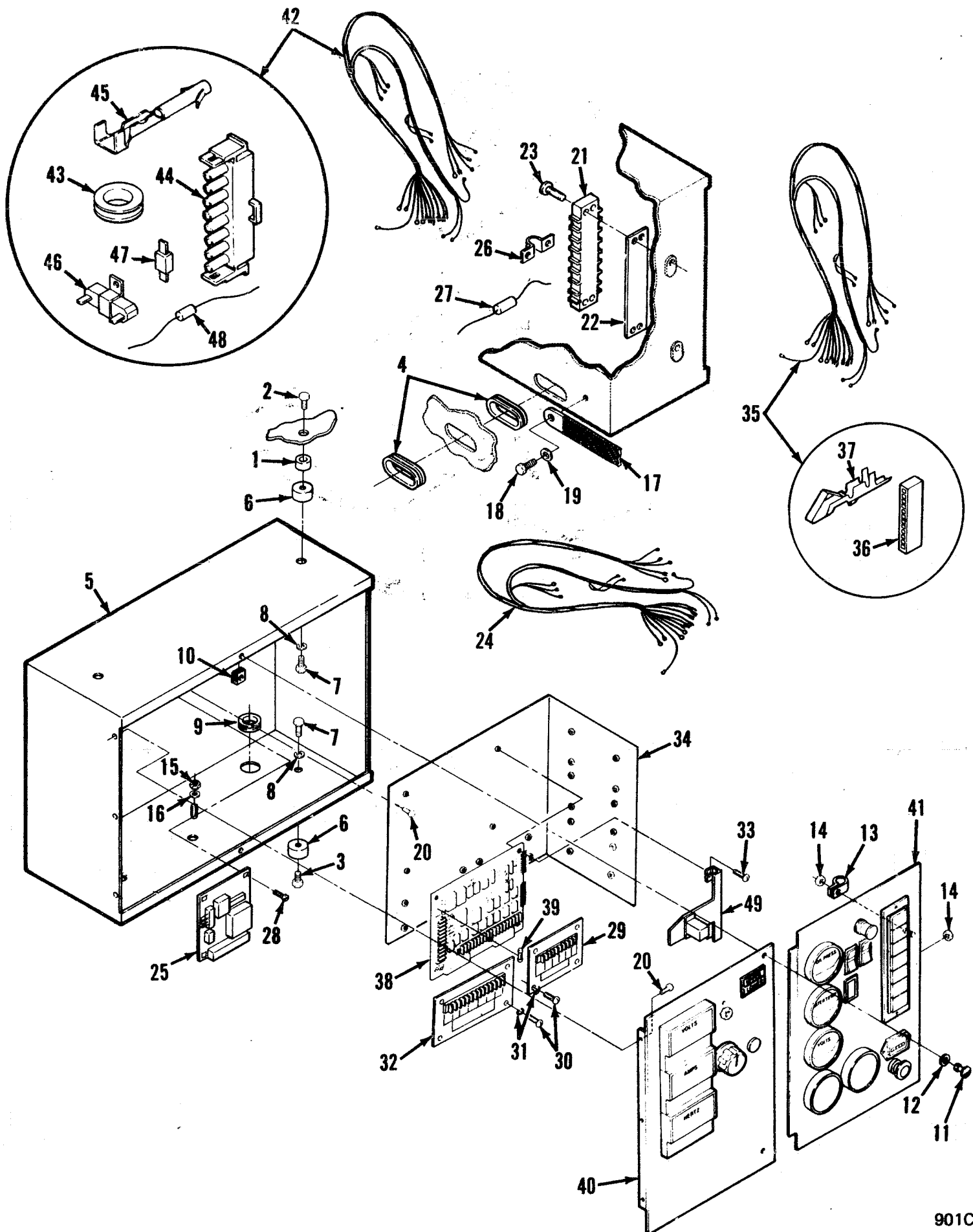
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current
	302-1868-02	3	Ratio 100/5
	302-1868-04	3	Ratio 200/5
2	302-1937	1	Bracket, Mounting
3	821-0005	6	Screw, Round Head, Machine (#10-32 x .50)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	870-0131	6	Nut, Hex W/ET (#10-32)
5	850-2010	2	Washer, Lock (M10)
6	800-2085	2	Screw, Hex Head (M10 x 1.5 x 20)
7	860-2009	2	Nut, Hex (M10 x 1.5)

Control

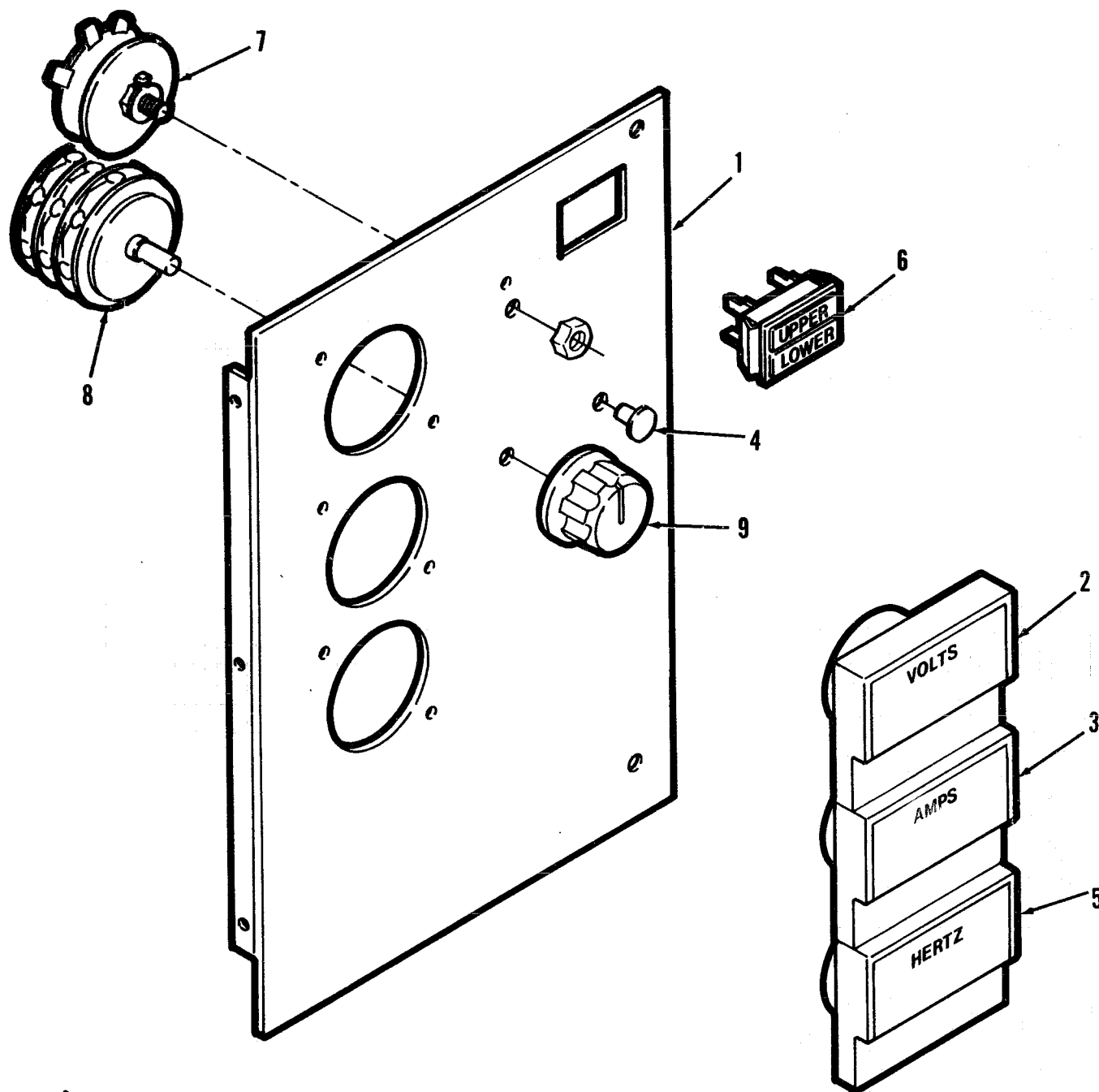


901C

Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1541	2	Spacer	30	812-0063	8	Screw, Machine - Round Head (#6-32 x 1/2")
2	821-0021	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	31	853-0003	8	Washer, Lock - ET (#6)
3	821-0014	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1")	32	300-2863	1	Board, Printed Circuit - Alarm Relay (A13)
4	508-1078	1	Grommet (2" Hole)	33	815-0544	4	Screw, Machine - Round Head - Cross Recessed With IT (#6-32 x 1/2")
5	301-8065	1	Box, Control	34	301-8851	1	Bracket, Mounting
6	402-0527	4	Isolator, Vibration	35	338-2277	1	Harness, Wiring - DC (Includes Connector Housing and Contact Pins) (DC Door Assembly to Engine Monitor)
7	800-0045	4	Screw, Cap - Hex Head (5/16-18 x 3/8")	36	323-1308	1	Housing, Connector - 12 Place (J4)
8	850-0045	4	Washer, Lock - Spring (5/16")	37	323-1302	12	Pin, Contact
9	508-0001	1	Grommet (1-1/16" Hole)	38			Monitor, Engine (Includes Fuses) (A11)
10	406-0332	2	Receptacle, Fastener		300-2810	1	7 Light Control
11	406-0333	2	Stud, Fastener		300-2812	1	12 Light Control
12	406-0334	2	Washer, Stud Retainer	39			Fuse
13	332-0052	2	Clip, Wire		321-0270	2	20 Amp (F1, F2)
14	870-0131	3	Nut, Hex - With ET (#10-32)		321-0231	1	15 Amp (F3)
15	871-0015	1	Nut, Hex (1/4-20) Grounding Stud		321-0094	2	5 Amp (F4, F5)
16	853-0013	1	Washer, Lock - ET (1/4") Grounding Stud	40	-	1	Door Assembly, Control - AC (See Separate Page for Components)
17	337-1837	1	Strap, Ground	41	-	1	Door Assembly, Control - DC (See Separate Page for Components)
18	800-0024	1	Screw, Cap - Hex Head (5/16-18 x 1/2")	42			Harness, Wiring - Engine to Control (Includes Grommet, Resistor, Rectifier, Diode, Connector Housing and Sockets)
19	856-0008	1	Washer, Lock - EIT (5/16")		338-2546	1	Spec A
20	821-0004	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")		338-2678	1	Spec B
21	332-0607	1	Block, Terminal - 12 Place (TB21)		338-2818	1	Spec C & D
22	332-2723	1	Strip, Marker - 12 Place	43	508-0258	1	Grommet (1-1/2" Hole)
23	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8")	44			Housing, Connector
24			Harness, Wiring		323-1304	1	6 Place (J2)
	338-2278	1	AC Door Assembly to TB21 Terminal Block (Includes TB21 Terminal Block)		323-1306	1	8 Place (J1)
	338-1835	1	Alarm Relay (8 Wire) (A13 to A11TB1 and TB2)	45	323-1200	11	Socket, Female
	338-1836	1	Alarm Relay (5 Wire) (A14 to A11TB2)	46	353-0094-01	1	Resistor (R1)
25	305-0824	1	Board, Voltage Regulator (VR21) (Also available from Newage as part number E000-24030)	47	357-0030	1	Rectifier (CR1)
26	332-1043	1	Jumper, Terminal (TB21-22 to 21)	48	359-0051	1	Diode (CR2)
27	350-1222	1	Resistor (TB21-32 to 26)	49	-	1	Relay, Run (See Separate Page for Components)
28	815-0540	4	Screw, Machine - Round Head - Cross Recessed With IT (#8-32 x 1")	50	332-1571	1	Terminal, Tab Adapter - 60QSG (Not Illustrated)
29	300-2856	1	Board, Printed Circuit - Alarm Relay (A14)	51	350-1224	1	Resistor - 60 QSG (Not Illustrated)

AC Control Door Assembly

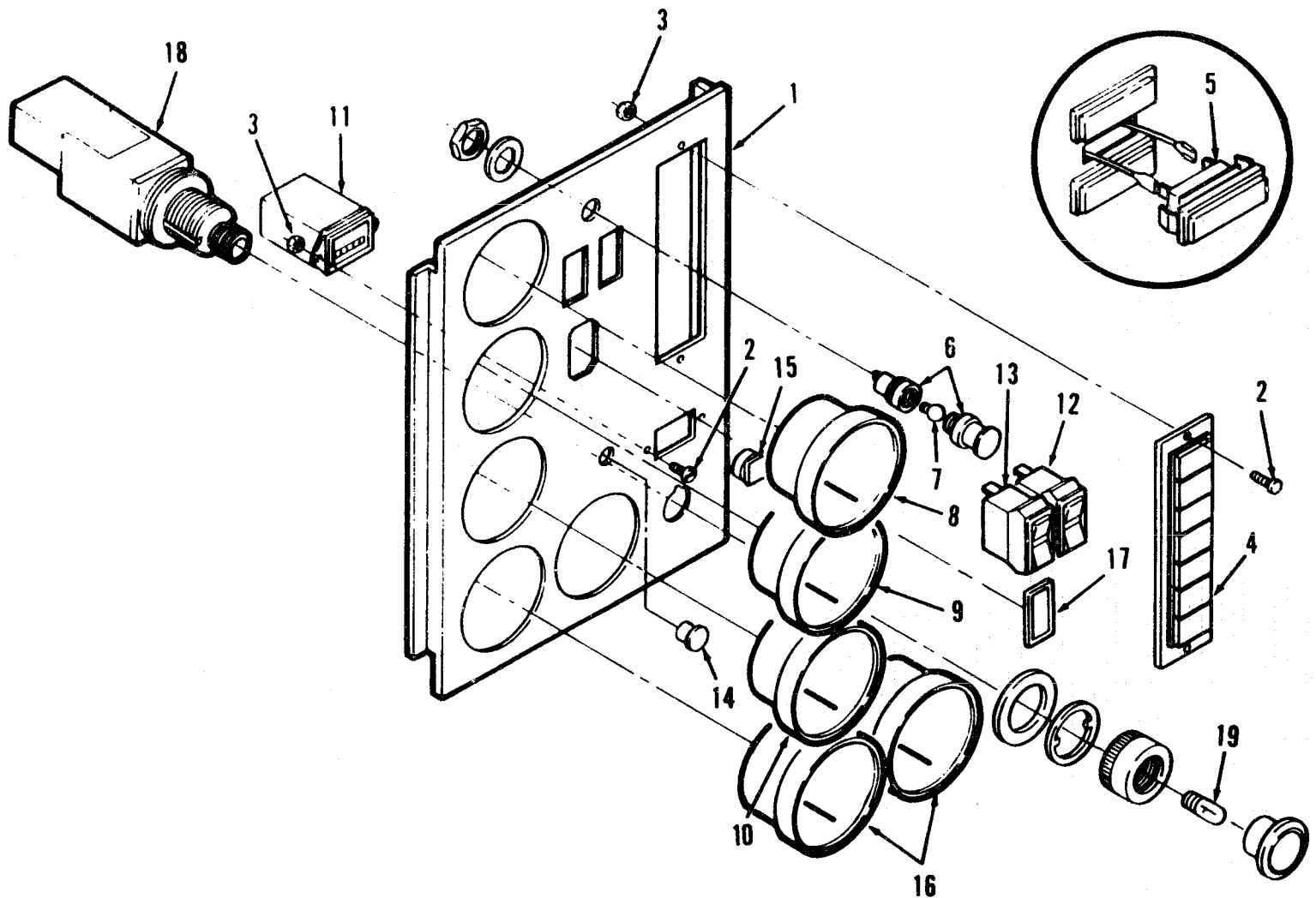


886B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9054-03	1	Door, Control - AC Without Meters
	301-9054-02	1	With Three Meters
2	302-1148	1	Voltmeter (M21) 0-300/600
	302-1753	1	0-750
3	302-1147	1	Ammeter (M22) 0-75/150
	302-1683	1	0-100/200
	302-1684	1	0-150/300
4	517-0131	1	Plug, Hole (3/8" Hole)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	302-1720	1	Meter, Frequency (M23) Spec A-C
	302-1968	1	Spec D
6	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21, DS22)
7	303-0261	1	Potentiometer (R21)
8	308-0882	1	Switch, Rotary - Voltmeter/Ammeter (Knob Not Included) (S21)
9	303-0032	1	Knob, Rotary Switch

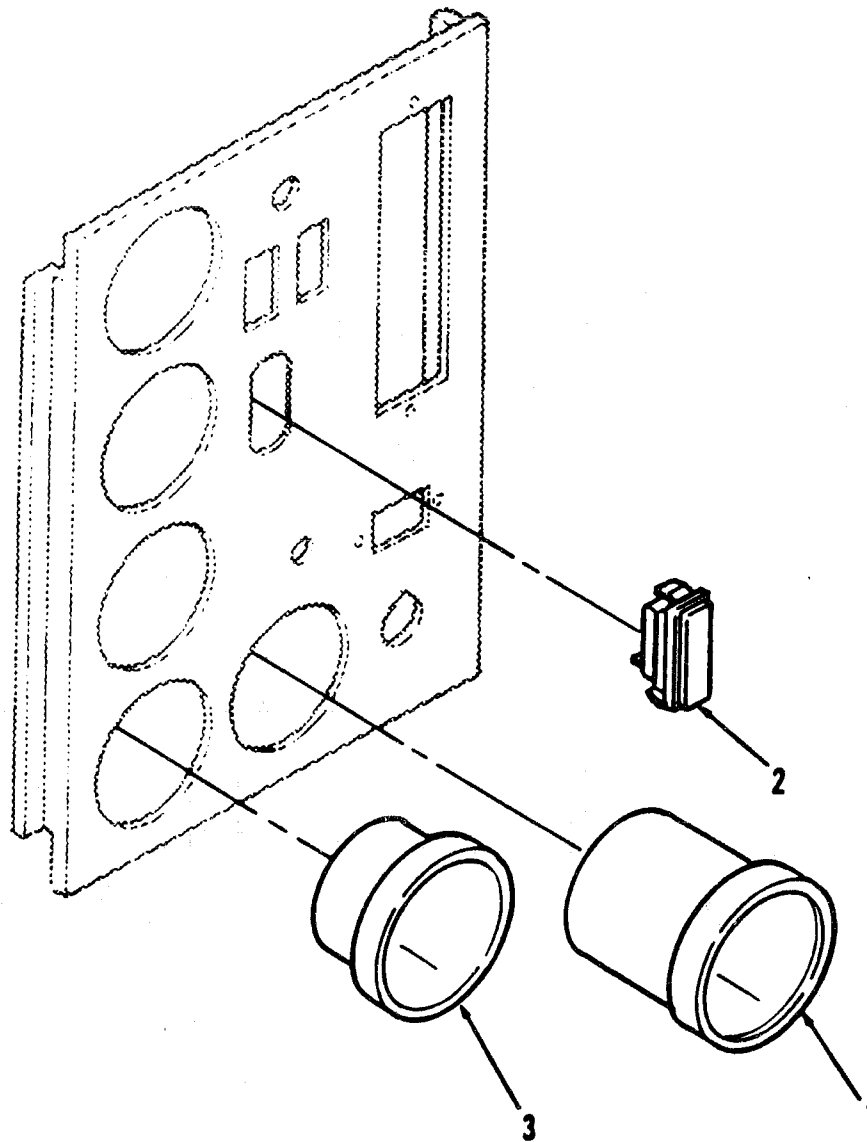
DC Control Door Assembly



900B

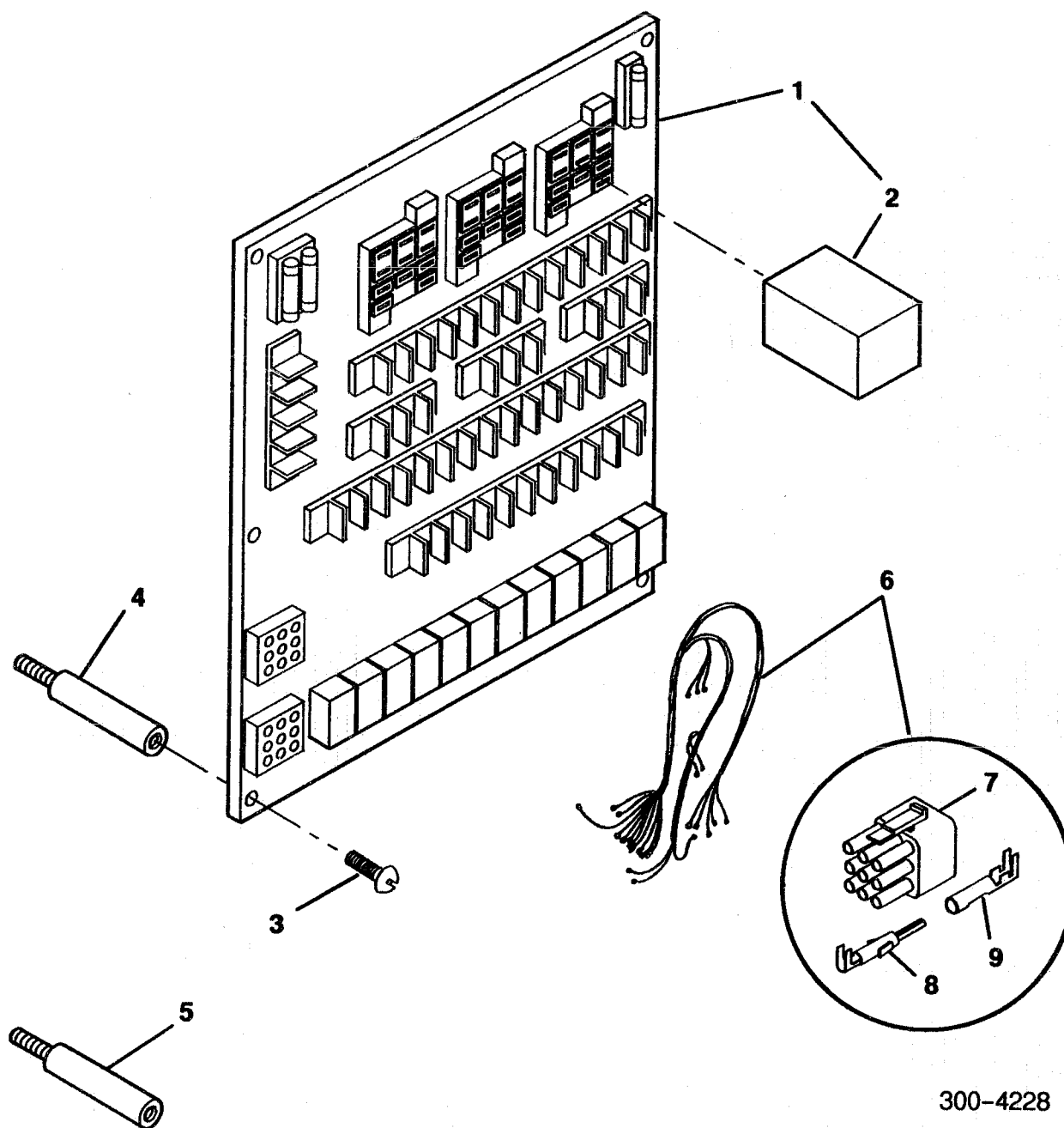
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9055-02	1	Door, Control - DC Doors With Three Round Gauge Holes	9	193-0351	1	Gauge, Water Temperature (M12)
	301-9055-01	1	Doors With Five Round Gauge Holes	10	302-1642	1	Voltmeter (M13)
2	815-0385	4	Screw, Machine - Round Head (#6-32 x 1/2")	11	302-0885	1	Meter, Time Totalizing (M14)
3	870-0183	4	Nut, Hex - With ET (#6-32)	12	308-0892	1	Switch, Rocker - Restart/Preheat/Panel Light (S11)
4			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	13	308-0784	1	Switch, Rocker - Run/Stop/Remote (S12)
	322-0359-02	1	7 Light Assembly	14	517-0131	1	Plug, Hole (3/8" Hole)
	322-0360-02	1	12 Light Assembly	15	193-0250	2	Resistor (Mounted on Oil Pressure and Water Temperature Gauges) (R11, R12)
5	322-0369-02	1	Light, Indicator - Replacement	16	302-1723	2	Ammeter - Blank Scale
6	322-0361	1	Light, Panel (DS11)	17	301-6257	1	Switch - Blank
7	322-0017	1	Bulb, Panel Light - Replacement	18	308-0853	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)
8	193-0352	1	Gauge, Oil Pressure (M11)	19	322-0223	1	Bulb, Pushbutton Switch - Replacement

Tachometer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1873-01	1	Tachometer (0-4000 RPM) (M16)
2	301-6257	1	Blank, Switch
3	302-1723	1	Ammeter, Blank Scale

Alarm Relay Board (Begin Spec E)



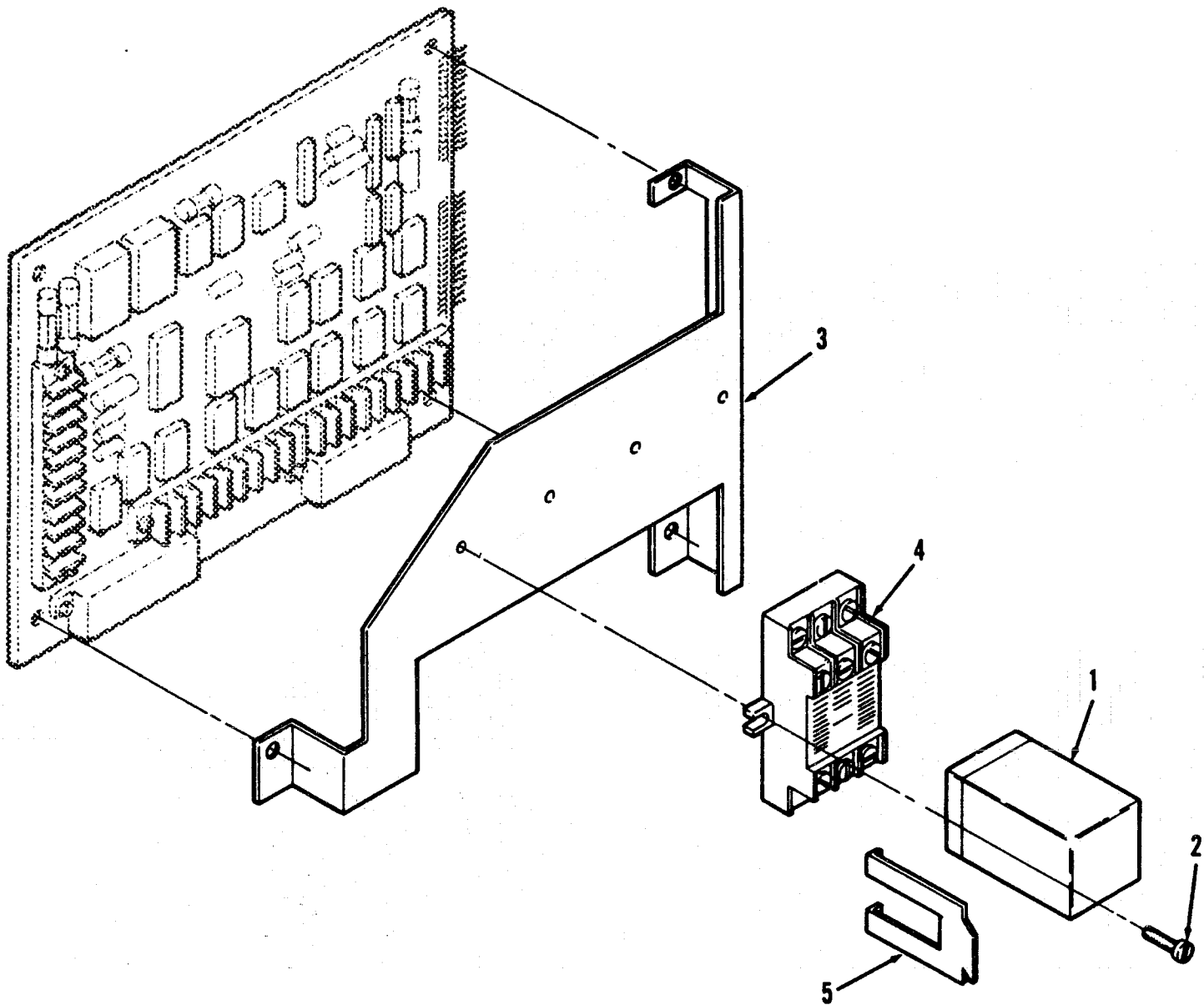
300-4228

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Board, Relay - Alarm (Includes Relay)
	300-4111-02	1	Without Form C Relays
	300-4111-04	1	With Form C Relays
2	307-1056	1	Relay (Quantity Used as Required) (K1,K2,K3)
3	815-0544	6	Screw, Machine - Round Head - Cross-Recessed With Internal Tooth (#6-32 x 1/2")
4	870-0517-01	4	Standoff (Clear) (1-7/8")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	870-0517-02	2	Standoff (Yellow) (2")
6	338-2875	1	Harness, Wiring (Includes Parts Marked *) (All-TB1 and TB2 to Alarm Relay Board)
7	323-1291	2	*Plug - 9 Place (P1,P2)
8	323-1199	9	*Pin, Contact
9	323-1200	8	*Socket, Contact

* - Parts Included in 338-2875 Wiring Harness

Run Relay (Spec A-D)

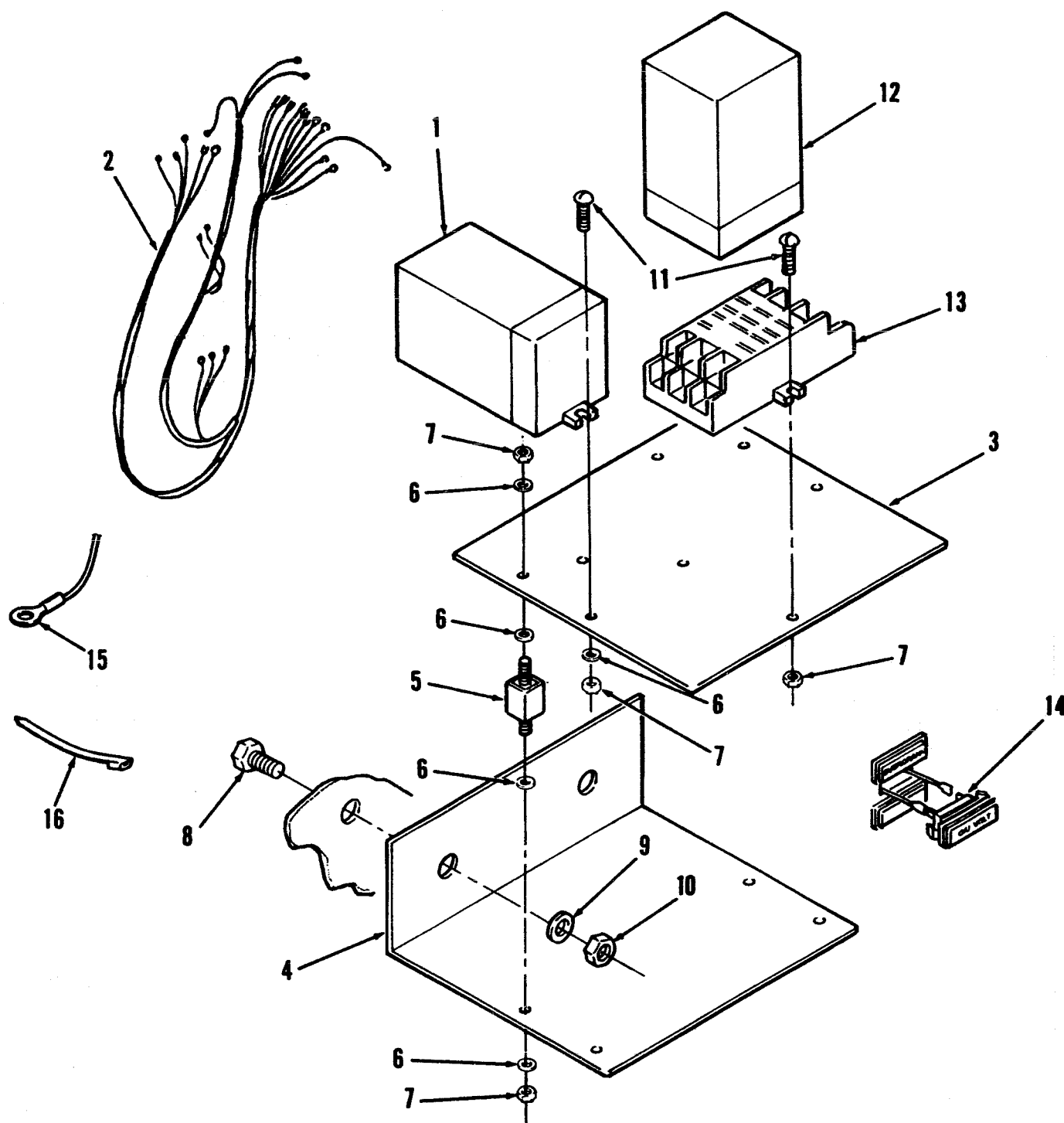


577B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-1056	3	Relay, Run (K11)
2	815-0388	4	Screw, Pan Head - Cross Recessed Thread (#6-32 x 1/2")

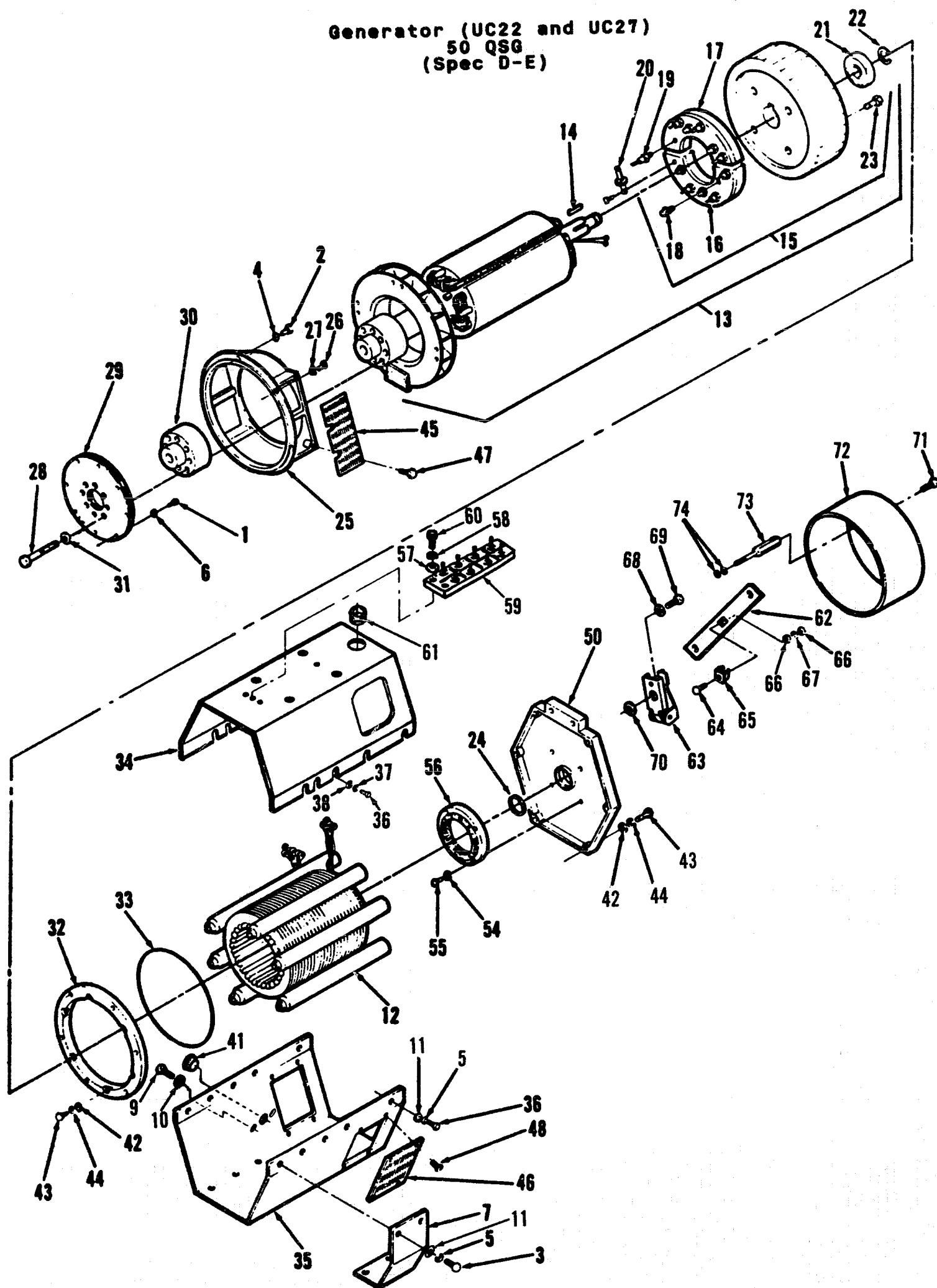
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	319-0447	1	Bracket, Mounting - Relay
4	323-0804	3	Socket, Relay
5	307-1987	6	Holddown, Relay

Over/Under Voltage Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2552	1	Relay, Voltage - Over/Under (120VAC) (A17)	9	850-0045	2	Washer, Lock - Spring (5/16")
2	338-2123	1	Harness, Wiring - Over/Under Voltage	10	862-0014	2	Nut, Hex (5/16-18)
3	301-9933	1	Plate, Mounting - Relay	11	812-0082	4	Screw, Machine - Round Head (#8-32 x 3/4")
4	301-6987	1	Bracket, Mounting - Relay	12	307-1911	1	Relay, Delay - Time (.1 to 10 Seconds) (K17)
5	402-0354	4	Mount, Shock	13	323-0804	1	Socket, Relay
6	856-0002	18	Washer, Lock - EIT (#8)	14	322-0384-09	1	Light, Indicator - "O/U Volt"
7	860-0008	12	Nut, Hex (#8-32)	15	332-0898	1	Terminal, Ring
8	821-0017	2	Screw, Cap - Self-Locking (5/16-18 x 1/2")	16	332-0942	3	Tie, Cable

Generator (UC22 and UC27)
50 QSG
(Spec D-E)

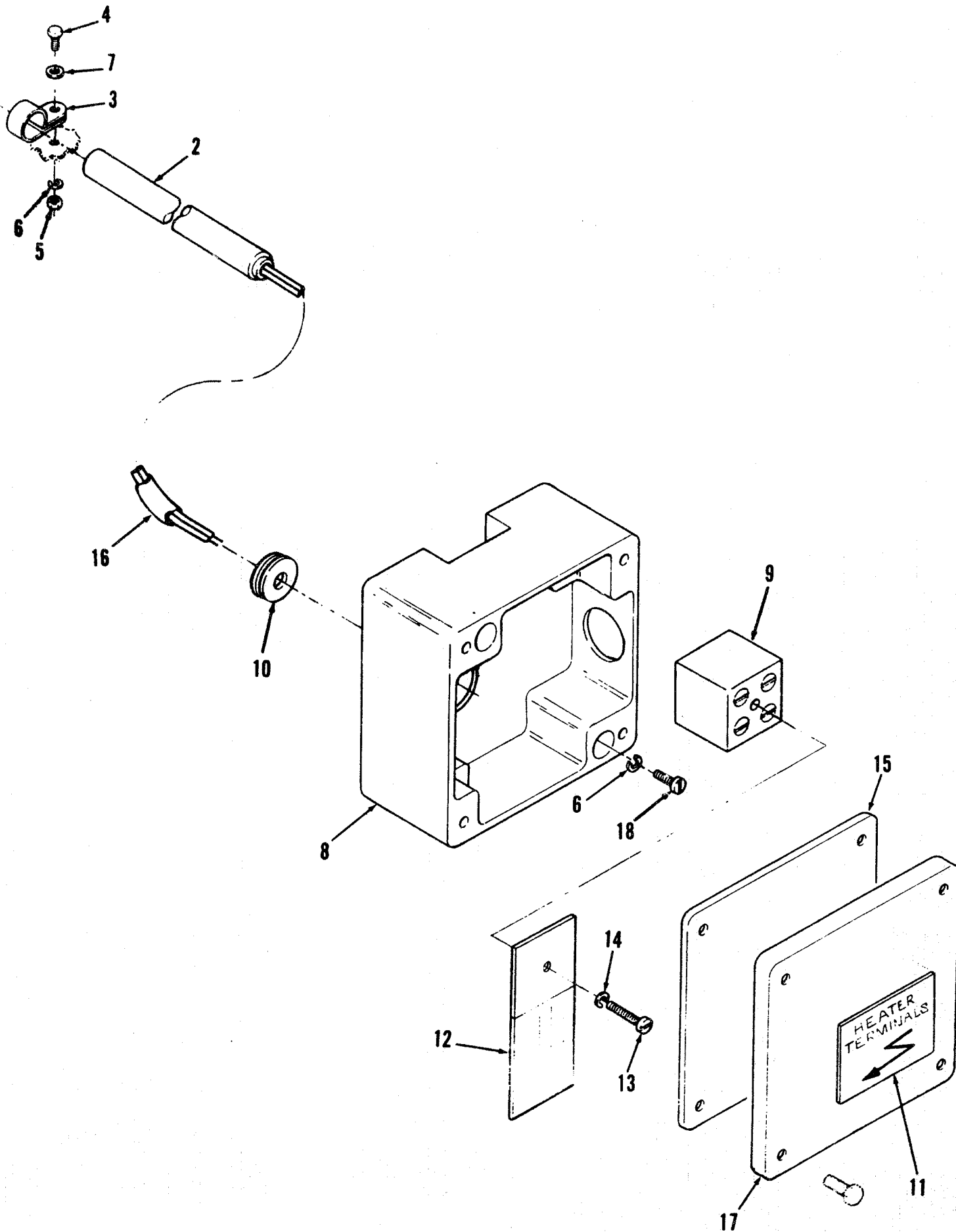


Generator (UC22 and UC27)
50 QSG
(Spec D-E)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")	31	526-0259	8	Washer, Flat (M16)
2			Screw, Cap - Hex Head	32			Ring, Adapter
	800-2088	8	M10 x 35mm		231-0318	1	UC22 Generator
	800-2090	4	M10 x 45mm		231-0319	1	UC27 Generator
3			Screw, Cap - Hex Head	33	508-0139	-	Seal, Edging (Order by the foot - 3 feet required)
	800-2087	8	UC22 Generator (M10 x 30mm)	34			Cover, Stator - Upper
	800-2113	8	UC27 Generator (M12 x 35mm)		234-0860-02	1	UC22 Generator
			(M12 x 35mm)		234-0855-01	1	UC27 Generator
4	850-2010	12	Washer, Lock - Spring (M10)	35			Cover, Stator - Lower
5			Washer, Lock - Spring		232-3819-02	1	UC22 Generator
	850-2010	16	UC22 Generator (M10)		232-3820-01	1	UC27 Generator
	850-2012	16	UC27 Generator (M12)	36			Screw, Cap - Hex Head
6	526-0174	8	Washer, Flat (M12)		800-2086	8	UC22 Generator (M10 x 25mm)
7			Bracket, Mounting - Generator				(M10 x 25mm)
	232-3550	2	UC22 Generator		800-2112	8	UC27 Generator (M12 x 30mm)
			UC27 Generator				(M12 x 30mm)
	232-3573	1	Left Side	41	517-0135	1	Plug
	232-3574	1	Right Side	42			Washer, Flat
9	800-4073	2	Screw, Cap - Hex Head		232-3441	12	UC22 Generator (Special)
			(M4 x 10mm)		526-0077	12	UC27 Generator (3/8")
10	850-2004	2	Washer, Lock - Spring (M4)	43			Screw, Cap - Hex Head
11			Washer, Flat		800-2058	12	UC22 Generator (M8 x 25mm)
	526-2120	20	UC22 Generator (M10)		800-2087	12	UC27 Generator (M10 x 30mm)
	526-2140	20	UC27 Generator (M12)	44			Washer, Lock - Spring
12			Stator, Generator		850-2008	12	UC22 Generator (M8)
	220-4296-02	1	UC22 Generator -		850-2010	12	UC27 Generator (M10)
			180 Stack Length	45			Guard, Fan
			UC27 Generator		234-0863	2	UC22 Generator
	220-4299-01	1	165 Stack Length		234-0867	2	UC27 Generator
	220-4299-02	1	190 Stack Length	46			Screen, Air Inlet
13			Rotor Assembly, Generator		234-0878	2	UC22 Generator
			(Includes Parts Marked *)		234-0879	2	UC27 Generator
	201-3484-03	1	UC22 Generator -	47	821-2020	8	Screw, Cap - Locking Head
			180 Core Length				(M5 x 10mm)
			UC27 Generator	48	815-0793-03	8	Screw, Cap - Locking Head
	201-3485-01	1	165 Core Length				(M5 x 12mm)
	201-3485-02	1	190 Core Length	50			Bell, End
14	515-0298-02	1	*Key		211-0422	1	UC22 Generator
15	201-3434-02	1	*Rotor Assembly, Exciter		211-0423	1	UC27 Generator
			(Includes Parts Marked #)	54	850-2006	4	Washer, Lock - Spring (M6)
16	357-0091	1	*Rectifier Assembly - Forward	55	800-2042	4	Screw, Cap - Hex Head
			(Includes Diodes)				(M6 x 60mm)
17	357-0092	1	*Rectifier Assembly - Reverse	56	220-4293-05	1	Stator, Exciter
			(Includes Diodes)	57	526-2100	3	Washer, Flat (M8)
18	358-0135-01	3	*Diode, Positive (Forward)	58	850-2008	3	Washer, Lock - Spring (M8)
			Includes Lead	59	232-3421	1	Block, Main Terminal
19	358-0135-02	3	*Diode, Negative (Reverse)	60	800-2060	3	Screw, Cap - Hex Head
			Includes Lead				(M8 x 35mm)
20	304-0807	1	*Varistor	61	508-1057	1	Grommet
21			*Bearing, Ball	62	150-2309	1	Bracket, Overspeed Switch
	510-0165	1	UC22 Generator	63	150-0956	1	Switch, Overspeed
	510-0164	1	UC27 Generator	64	150-0723	1	Point, Overspeed
22			*Ring, Retaining	65	870-0250	1	Nut, Insulated
	518-0122	1	UC22 Generator	66	862-0001	2	Nut, Hex (1/4-20)
	518-0083	1	UC27 Generator	67	853-0013	1	Washer, Lock - ET (1/4")
23	821-2021	2	*Screw, Cap - Locking Head	68	856-0010	1	Washer, Lock - EIT (3/8")
			(M5 x 12mm)	69	800-2088	1	Screw, Cap - Hex Head
24			Ring, "O"				(M10 x 35mm)
	509-0266-01	1	UC22 Generator	70	526-0240	1	Washer, Flat (13/32" ID x
	509-0266-02	1	UC27 Generator				1-1/2" OD x 1/8" Thk)
25			Adapter, Generator (SAE 2)	71	821-2020	4	Screw, Self-Locking - Hex
	231-0316	1	UC22 Generator				Washer Head (M5 x 10mm)
	231-0317	1	UC27 Generator	72	234-0875-01	1	Cover, End Bell
26			Screw, Cap - Hex Head	73	232-3462-01	4	Spacer, Cover
	800-2091	5	M10 x 50mm	74	526-2080	4	Washer, Flat (M6)
	800-2093	1	M10 x 60mm				
27	850-2010	6	Washer, Lock - Spring (M10)				
28	720-1119	8	Screw, Cap - Hex Head				
			(M16 x 40mm)				
29	232-3443	3	Disc, Drive (SAE 11.5)				
30			Hub, Drive				
	232-3592	1	UC22 Generator				
	232-3593	1	UC27 Generator				

* - Parts Included in Generator Rotor Assembly
- Parts Included in Exciter Rotor Assembly

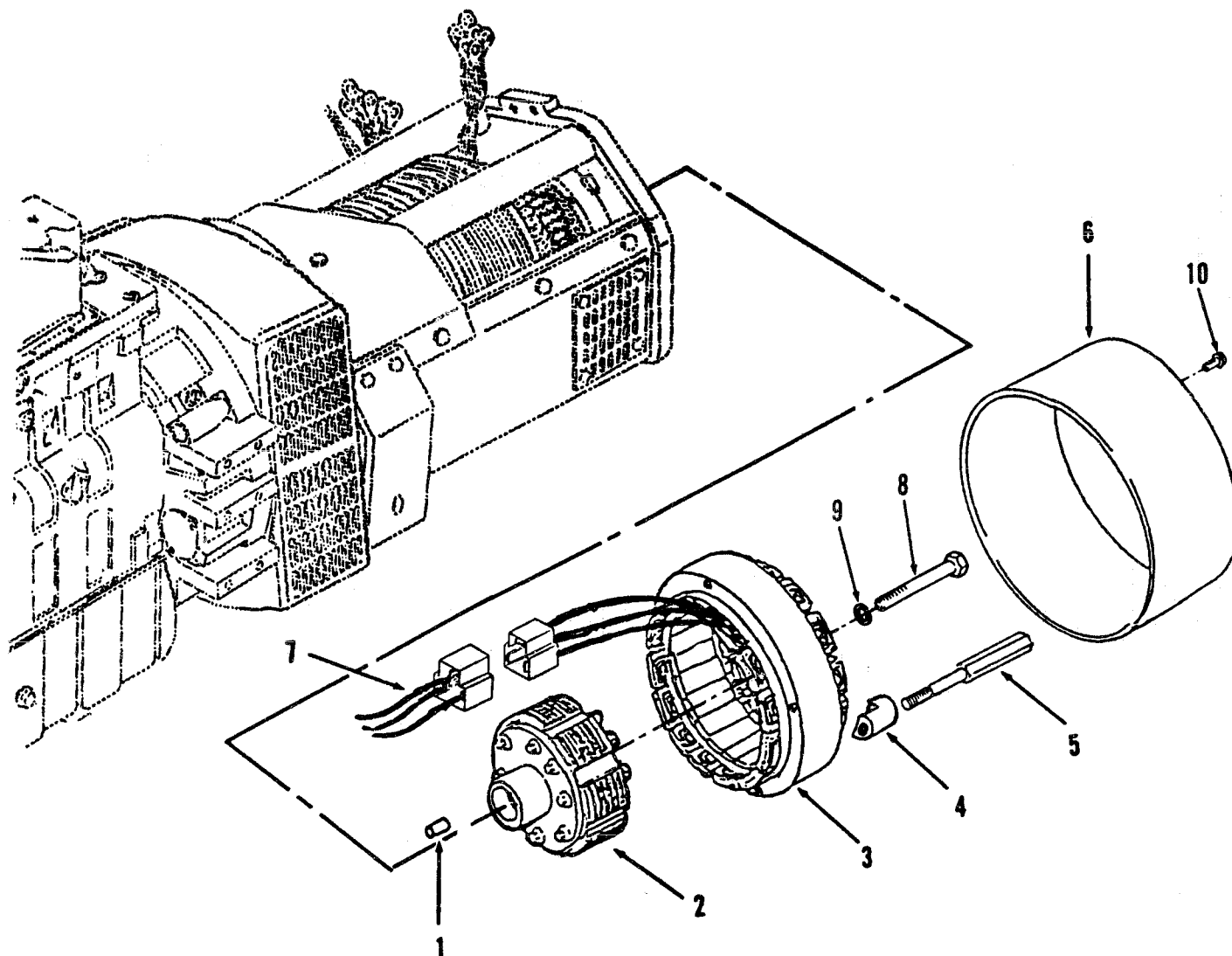
Generator Heater



Generator Heater

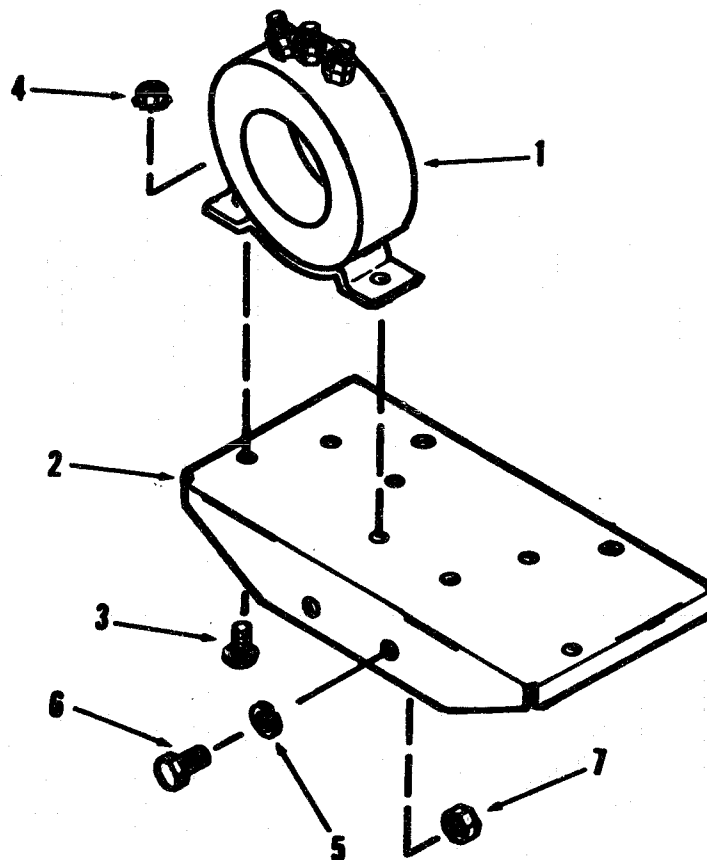
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Heater-Generator Includes Parts Marked *)	9	332-3023	1	*Block, Terminal (Newage Part Number 003-14010)
	333-0445	1	120 Volt (Newage Part Number 330-AH02)	10	508-0228	1	*Grommet
	333-0446	1	240 Volt (Newage Part Number 330-AH01)	11	98-6142	1	*Label, Heater ADJ
2			*Cartridge, Heater	12	98-6143	1	*Label, Volts/Watts 120 Volts/280 Watts (Newage Part Number 450-13650)
	333-0438-07	1	120 Volt (Newage Part Number 071-31057)		98-6233	1	240 Volts/210 Watts (Newage Part Number 450-13640)
	333-0438-08	1	240 Volt (Newage Part Number 071-31058)	13	822-3047	1	*Screw, Head-Pan (M3 x 20)
3	332-3024-11	2	*Clamp, Loop (Newage Part Number 052-46058)	14	850-2003	1	*Washer, Lock-Spring (M3)
4	815-0766	4	*Screw, Head-Pan (M4 x 16)	15	330-0141-04	1	*Gasket, Box-Terminal
5	860-2005	2	*Nut, Hex (M4)	16	898-1254-19	1	*Sleeving, CL200 Insulation
6	850-2004	4	*Washer, Lock-Spring (M4)	17	330-0141-03	1	*Cover, Box-Terminal
7	526-2050	2	*Washer, Flat (M4)	18	815-0446	2	Screw, RH x Rec W/IT
8	330-0142	1	*Terminal, Box-Heater (Newage Part Number 450-10060)	* - Parts Included in 333-0445 and 333-0446 Generator Heater Kit.			

Permanent Magnet Exciter



REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION	REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
1	775-0049	054-20505	1	Pin, Dowel	6	234-0875-02	450-14360	1	Cover, Bell - End
2	201-3446	130-20136	1	Rotor, Exciter	7	249-0462	450-22000	1	Harness, Wiring
3	220-4233	420-17200	1	Stator, Exciter	8	815-0761-01	350-14950	1	Bolt (M10 x 1.5 x 110)
4	232-3511	130-20101	4	Clamp, Stator	9	850-2010	028-31509	1	Washer, Lock - Spring (M10)
5	232-3462-02	450-14370	4	Spacer, Mounting - Corner	10	821-2020		4	Screw, Locking - Hex Head Flange (M5 x 0.8 x 10)

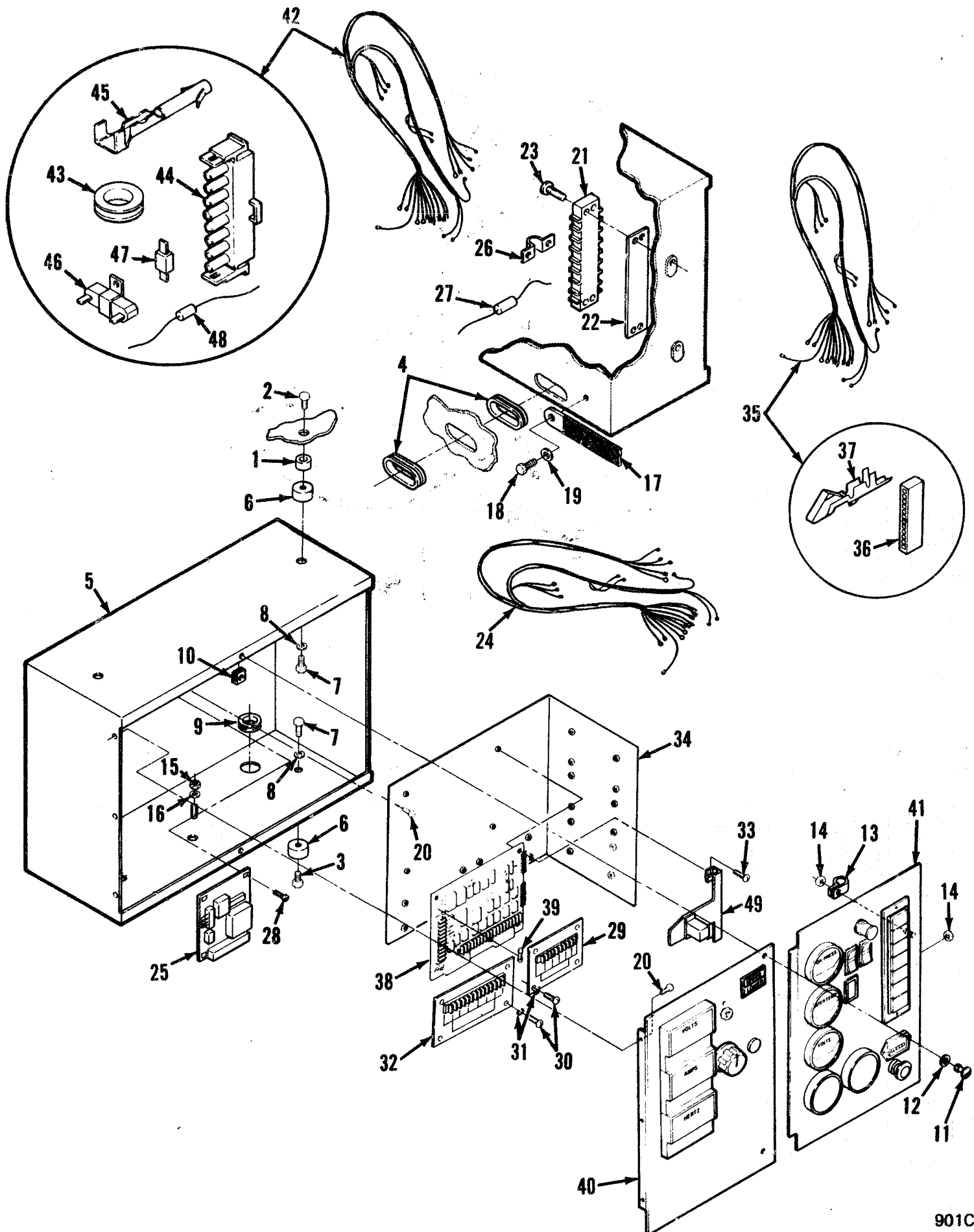
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current
	302-1868-02	3	Ratio 100/5
	302-1868-04	3	Ratio 200/5
2	302-1937	1	Bracket, Mounting
3	821-0005	6	Screw, Round Head, Machine (#10-32 x .50)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	870-0131	6	Nut, Hex W/ET (#10-32)
5	850-2010	2	Washer, Lock (M10)
6	800-2085	2	Screw, Hex Head (M10 x 1.5 x 20)
7	860-2009	2	Nut, Hex (M10 x 1.5)

Control

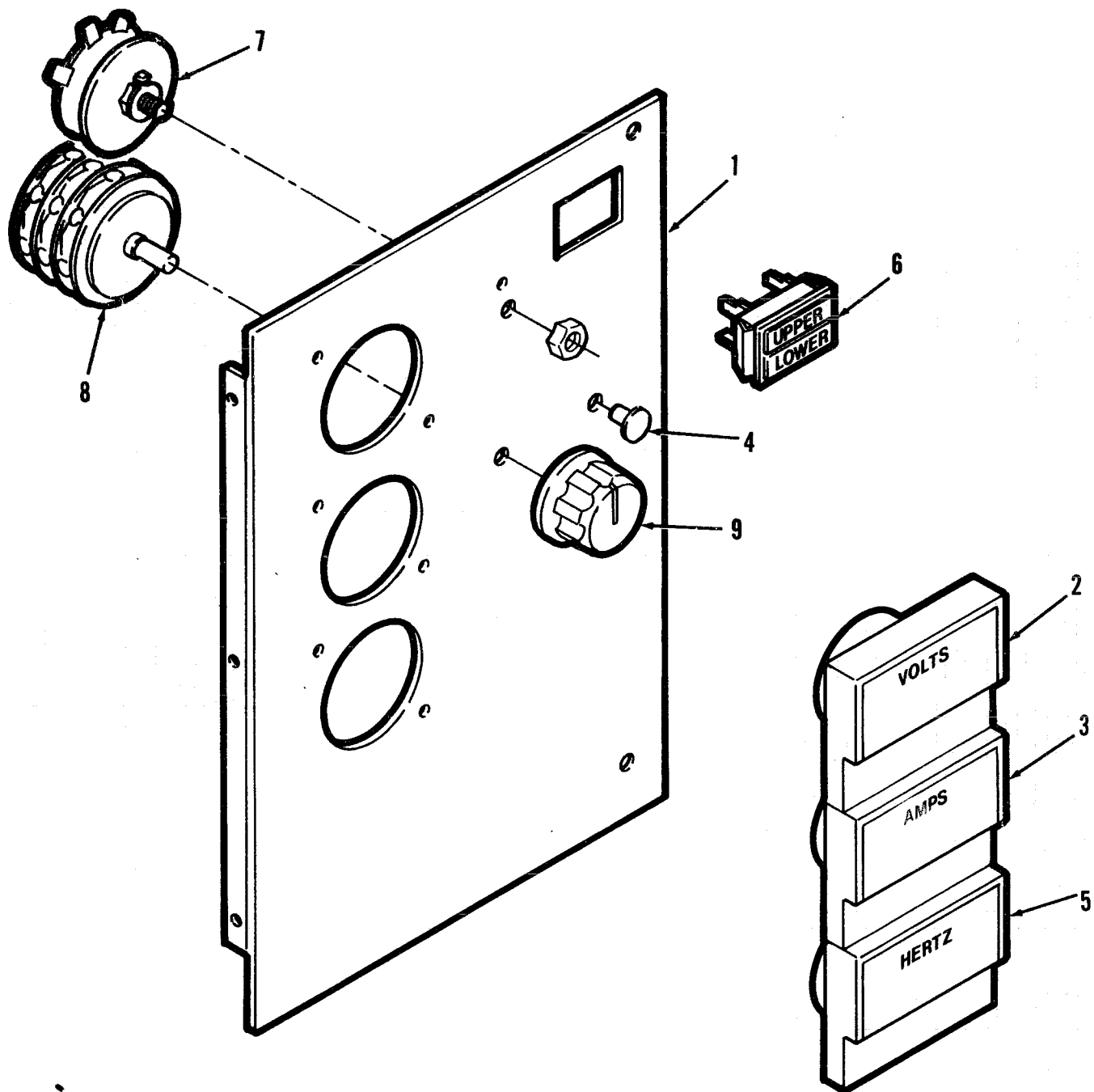


901C

Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1541	2	Spacer	30	812-0063	8	Screw, Machine - Round Head (#6-32 x 1/2")
2	821-0021	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	31	853-0003	8	Washer, Lock - ET (#6)
3	821-0014	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1")	32	300-2863	1	Board, Printed Circuit - Alarm Relay (A13)
4	508-1078	1	Grommet (2" Hole)	33	815-0544	4	Screw, Machine - Round Head - Cross Recessed With IT (#6-32 x 1/2")
5	301-8065	1	Box, Control	34	301-8851	1	Bracket, Mounting
6	402-0527	4	Isolator, Vibration	35	338-2277	1	Harness, Wiring - DC (Includes Connector Housing and Contact Pins) (DC Door Assembly to Engine Monitor) Housing, Connector - 12 Place (J4)
7	800-0045	4	Screw, Cap - Hex Head (5/16-18 x 3/8")	36	323-1308	1	Pin, Contact
8	850-0045	4	Washer, Lock - Spring (5/16")	37	323-1302	12	Monitor, Engine (Includes Fuses) (A11)
9	508-0001	1	Grommet (1-1/16" Hole)	38	300-2810	1	7 Light Control
10	406-0332	2	Receptacle, Fastener	39	300-2812	1	12 Light Control
11	406-0333	2	Stud, Fastener		321-0270	2	Fuse
12	406-0334	2	Washer, Stud Retainer		321-0231	1	20 Amp (F1, F2)
13	332-0052	2	Clip, Wire		321-0094	2	15 Amp (F3)
14	870-0131	3	Nut, Hex - With ET (#10-32)	40	-	1	5 Amp (F4, F5)
15	871-0015	1	Nut, Hex (1/4-20) Grounding Stud	41	-	1	Door Assembly, Control - AC (See Separate Page for Components)
16	853-0013	1	Washer, Lock - ET (1/4") Grounding Stud	42	-	1	Door Assembly, Control - DC (See Separate Page for Components)
17	337-1837	1	Strap, Ground		338-2546	1	Harness, Wiring - Engine to Control (Includes Grommet, Resistor, Rectifier, Diode, Connector Housing and Sockets)
18	800-0024	1	Screw, Cap - Hex Head (5/16-18 x 1/2")		338-2678	1	Spec A
19	856-0008	1	Washer, Lock - EIT (5/16")		338-2818	1	Spec B
20	821-0004	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	43	508-0258	1	Spec C & D
21	332-0607	1	Block, Terminal - 12 Place (TB21)	44	-	1	Grommet (1-1/2" Hole)
22	332-2723	1	Strip, Marker - 12 Place		323-1304	1	Housing, Connector
23	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8")		323-1306	1	6 Place (J2)
24	338-2278	1	Harness, Wiring AC Door Assembly to TB21 Terminal Block (Includes TB21 Terminal Block)	45	323-1200	11	8 Place (J1)
	338-1835	1	Alarm Relay (8 Wire) (A13 to A11TB1 and TB2)	46	353-0094-01	1	Socket, Female
	338-1836	1	Alarm Relay (5 Wire) (A14 to A11TB2)	47	357-0030	1	Resistor (R1)
25	305-0824	1	Board, Voltage Regulator (VR21) (Also available from Newage as part number E000-24030)	48	359-0051	1	Rectifier (CR1)
26	332-1043	1	Jumper, Terminal (TB21-22 to 21)	49	-	1	Diode (CR2)
27	350-1222	1	Resistor (TB21-32 to 26)	50	332-1571	1	Relay, Run (See Separate Page for Components)
28	815-0540	4	Screw, Machine - Round Head - Cross Recessed With IT (#8-32 x 1")	51	350-1224	1	Terminal, Tab Adapter - 60QSG (Not Illustrated)
29	300-2856	1	Board, Printed Circuit - Alarm Relay (A14)				Resistor - 60 QSG (Not Illustrated)

AC Control Door Assembly

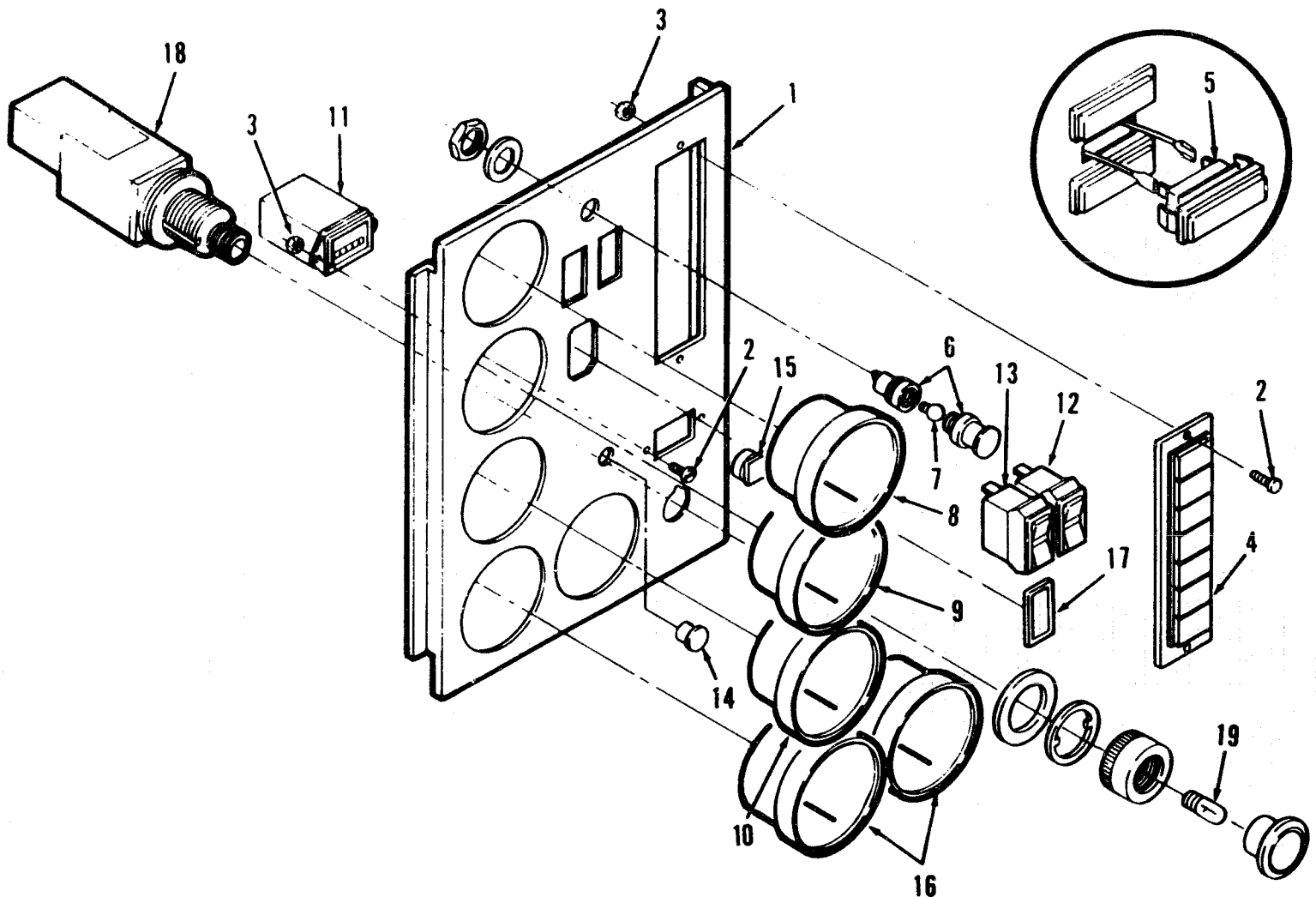


886B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9054-03	1	Door, Control - AC Without Meters
	301-9054-02	1	With Three Meters
2	302-1148	1	Voltmeter (M21) 0-300/600
	302-1753	1	0-750
3	302-1147	1	Ammeter (M22) 0-75/150
	302-1683	1	0-100/200
	302-1684	1	0-150/300
4	517-0131	1	Plug, Hole (3/8" Hole)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	302-1720	1	Meter, Frequency (M23) Spec A-C
	302-1968	1	Spec D
6	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21, DS22)
7	303-0261	1	Potentiometer (R21)
8	308-0882	1	Switch, Rotary - Voltmeter/Ammeter (Knob Not Included) (S21)
9	303-0032	1	Knob, Rotary Switch

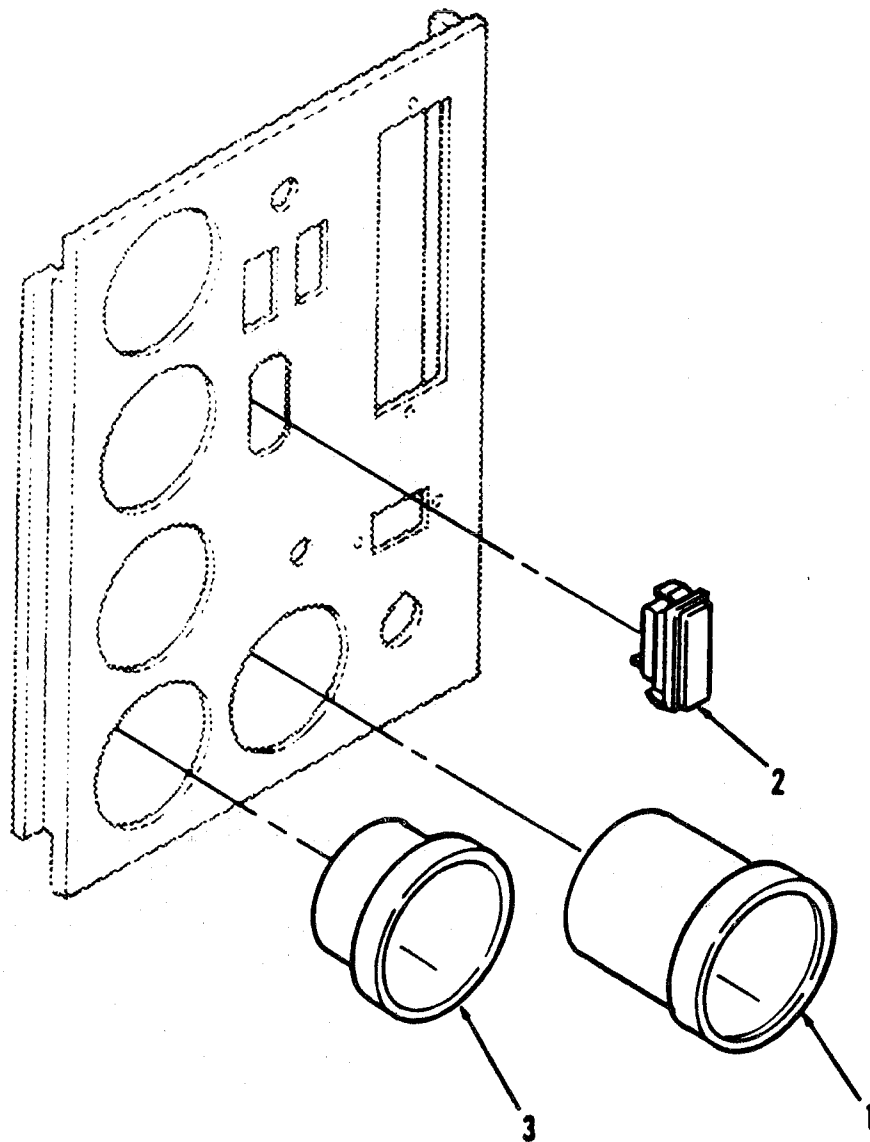
DC Control Door Assembly



900B

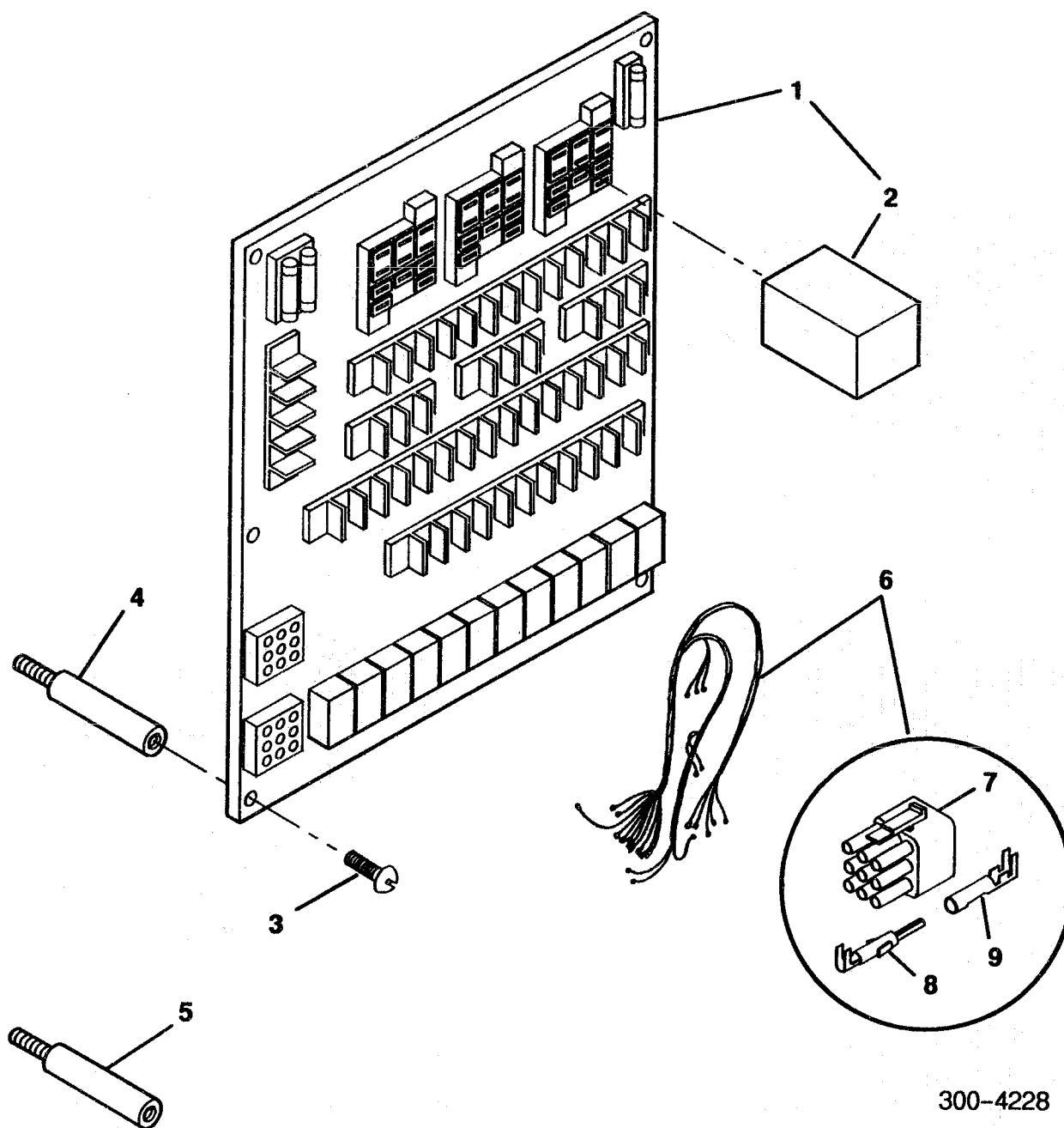
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Door, Control - DC	9	193-0351	1	Gauge, Water Temperature (M12)
	301-9055-02	1	Doors With Three Round Gauge Holes	10	302-1642	1	Voltmeter (M13)
	301-9055-01	1	Doors With Five Round Gauge Holes	11	302-0885	1	Meter, Time Totalizing (M14)
2	815-0385	4	Screw, Machine - Round Head (#6-32 x 1/2")	12	308-0892	1	Switch, Rocker - Restart/Preheat/Panel Light (S11)
3	870-0183	4	Nut, Hex - With ET (#6-32)	13	308-0784	1	Switch, Rocker - Run/Stop/Remote (S12)
4			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	14	517-0131	1	Plug, Hole (3/8" Hole)
	322-0359-02	1	7 Light Assembly	15	193-0250	2	Resistor (Mounted on Oil Pressure and Water Temperature Gauges) (R11, R12)
	322-0360-02	1	12 Light Assembly	16	302-1723	2	Ammeter - Blank Scale
5	322-0369-02	1	Light, Indicator - Replacement	17	301-6257	1	Switch - Blank
6	322-0361	1	Light, Panel (DS11)	18	308-0853	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)
7	322-0017	1	Bulb, Panel Light - Replacement	19	322-0223	1	Bulb, Pushbutton Switch - Replacement
8	193-0352	1	Gauge, Oil Pressure (M11)				

Tachometer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1873-01	1	Tachometer (0-4000 RPM) (M16)
2	301-6257	1	Blank, Switch
3	302-1723	1	Ammeter, Blank Scale

Alarm Relay Board (Begin Spec E)



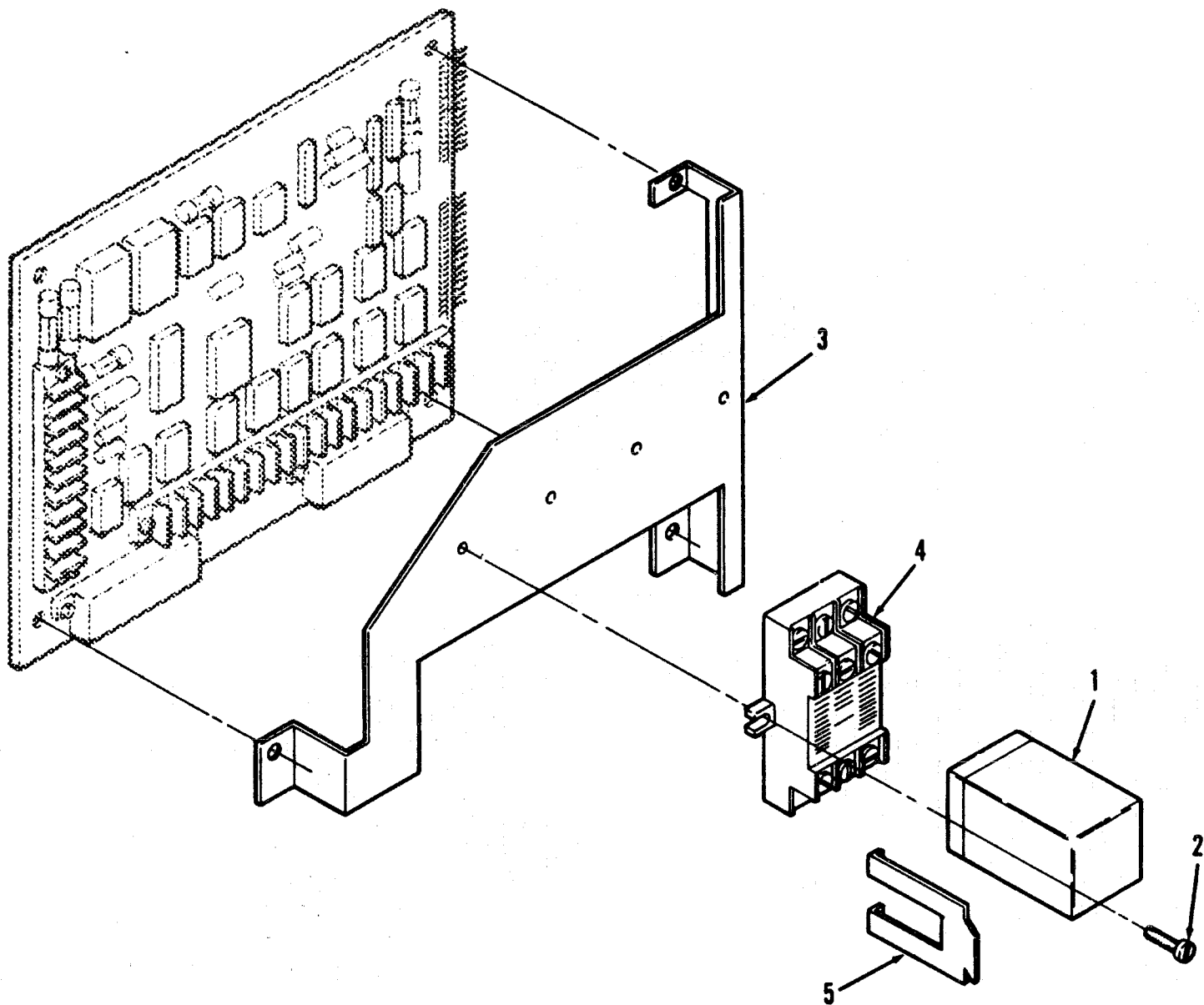
300-4228

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Board, Relay - Alarm (Includes Relay)
	300-4111-02	1	Without Form C Relays
	300-4111-04	1	With Form C Relays
2	307-1056	1	Relay (Quantity Used as Required) (K1,K2,K3)
3	815-0544	6	Screw, Machine - Round Head - Cross-Recessed With Internal Tooth (#6-32 x 1/2")
4	870-0517-01	4	Standoff (Clear) (1-7/8")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	870-0517-02	2	Standoff (Yellow) (2")
6	338-2875	1	Harness, Wiring (Includes Parts Marked *) (All-TB1 and TB2 to Alarm Relay Board)
7	323-1291	2	*Plug - 9 Place (P1,P2)
8	323-1199	9	*Pin, Contact
9	323-1200	8	*Socket, Contact

* - Parts Included in 338-2875 Wiring Harness

Run Relay (Spec A-D)

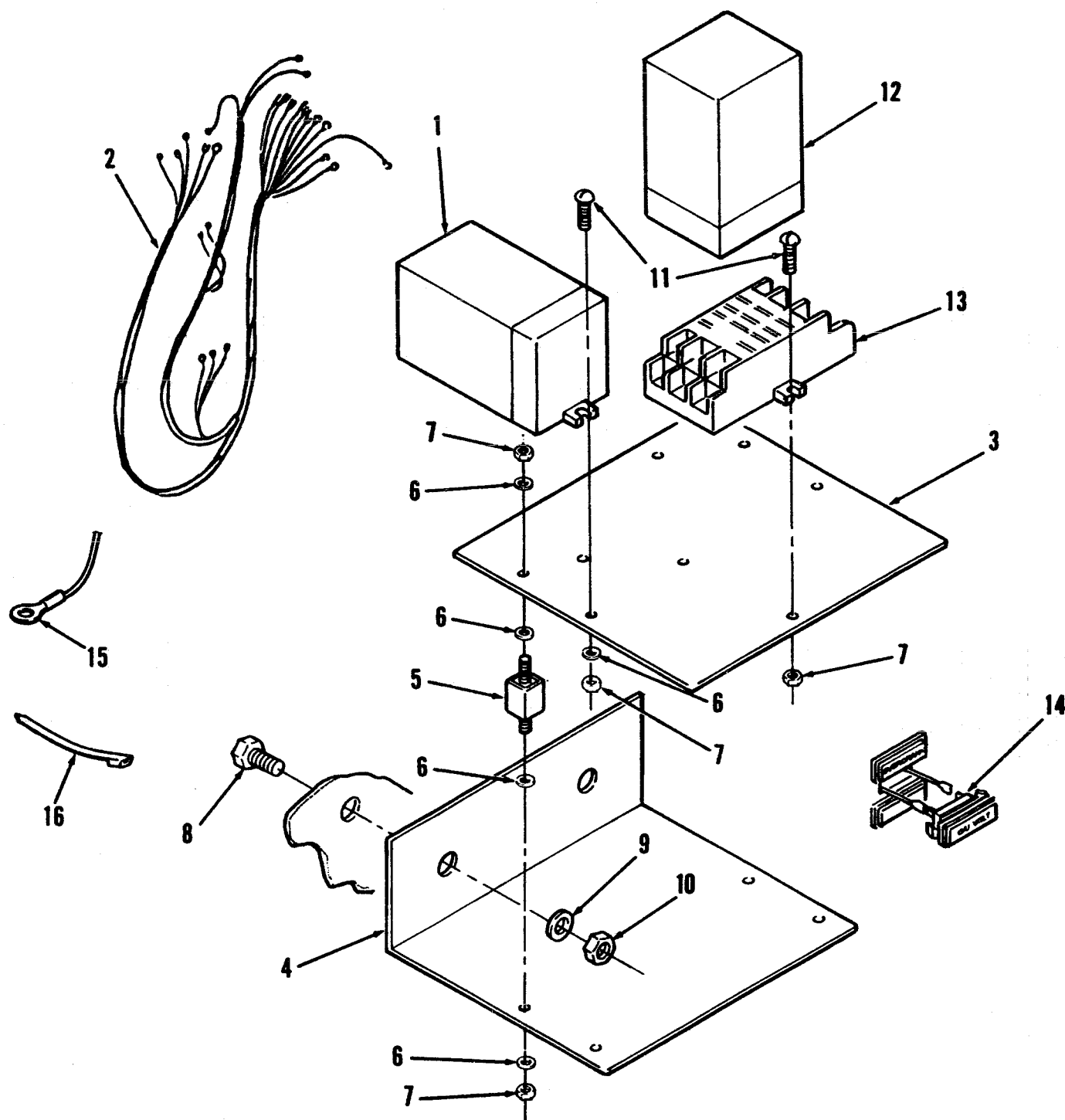


577B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-1056	3	Relay, Run (K11)
2	815-0388	4	Screw, Pan Head - Cross Recessed Thread (#6-32 x 1/2")

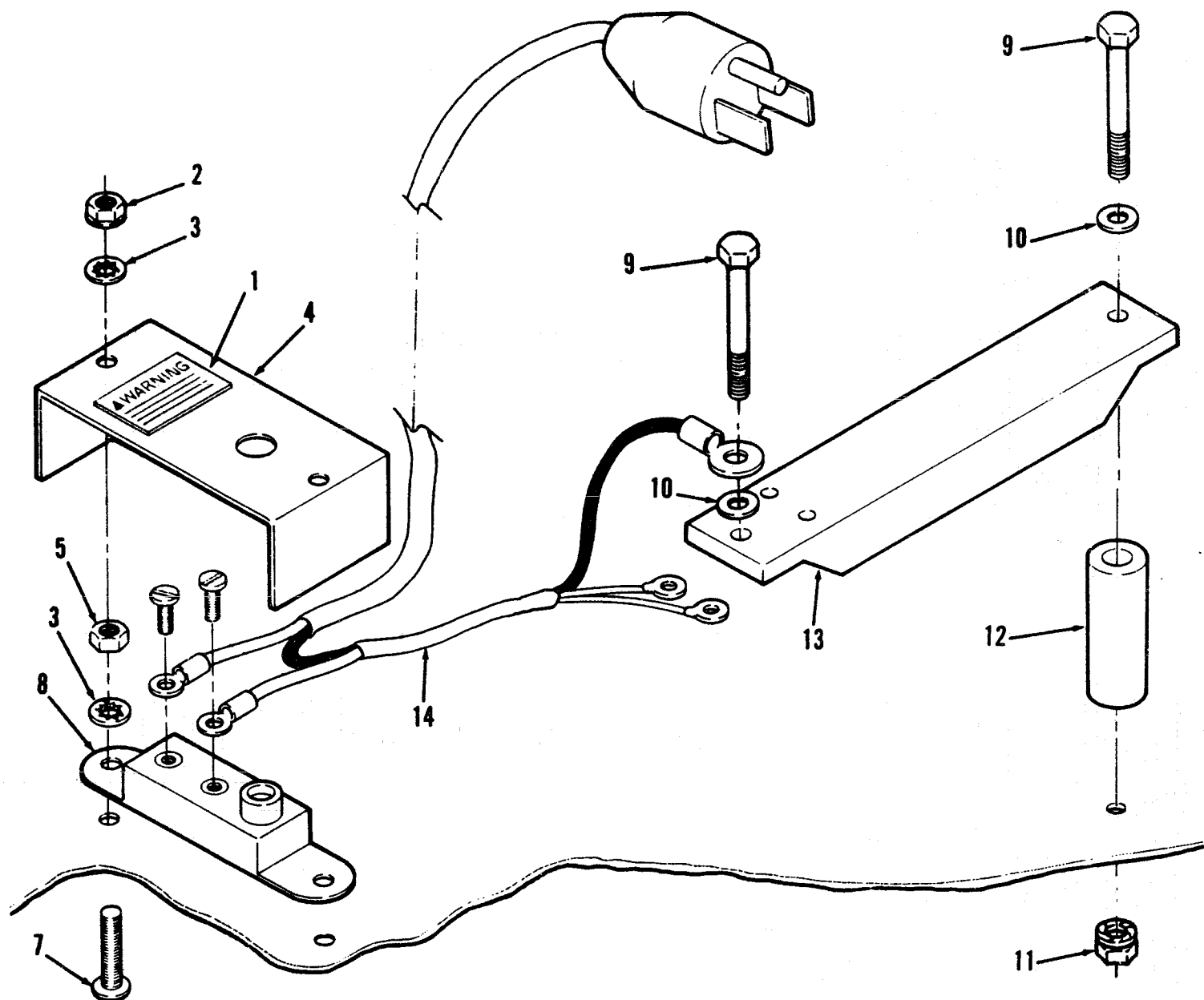
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	319-0447	1	Bracket, Mounting - Relay
4	323-0804	3	Socket, Relay
5	307-1987	6	Holddown, Relay

Over/Under Voltage Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2552	1	Relay, Voltage - Over/Under (120VAC) (A17)	9	850-0045	2	Washer, Lock - Spring (5/16")
2	338-2123	1	Harness, Wiring - Over/Under Voltage	10	862-0014	2	Nut, Hex (5/16-18)
3	301-9933	1	Plate, Mounting - Relay	11	812-0082	4	Screw, Machine - Round Head (#8-32 x 3/4")
4	301-6987	1	Bracket, Mounting - Relay	12	307-1911	1	Relay, Delay - Time (.1 to 10 Seconds) (K17)
5	402-0354	4	Mount, Shock	13	323-0804	1	Socket, Relay
6	856-0002	18	Washer, Lock - EIT (#8)	14	322-0384-09	1	Light, Indicator - "O/U Volt"
7	860-0008	12	Nut, Hex (#8-32)	15	332-0898	1	Terminal, Ring
8	821-0017	2	Screw, Cap - Self-Locking (5/16-18 x 1/2")	16	332-0942	3	Tie, Cable

Control Space Heater

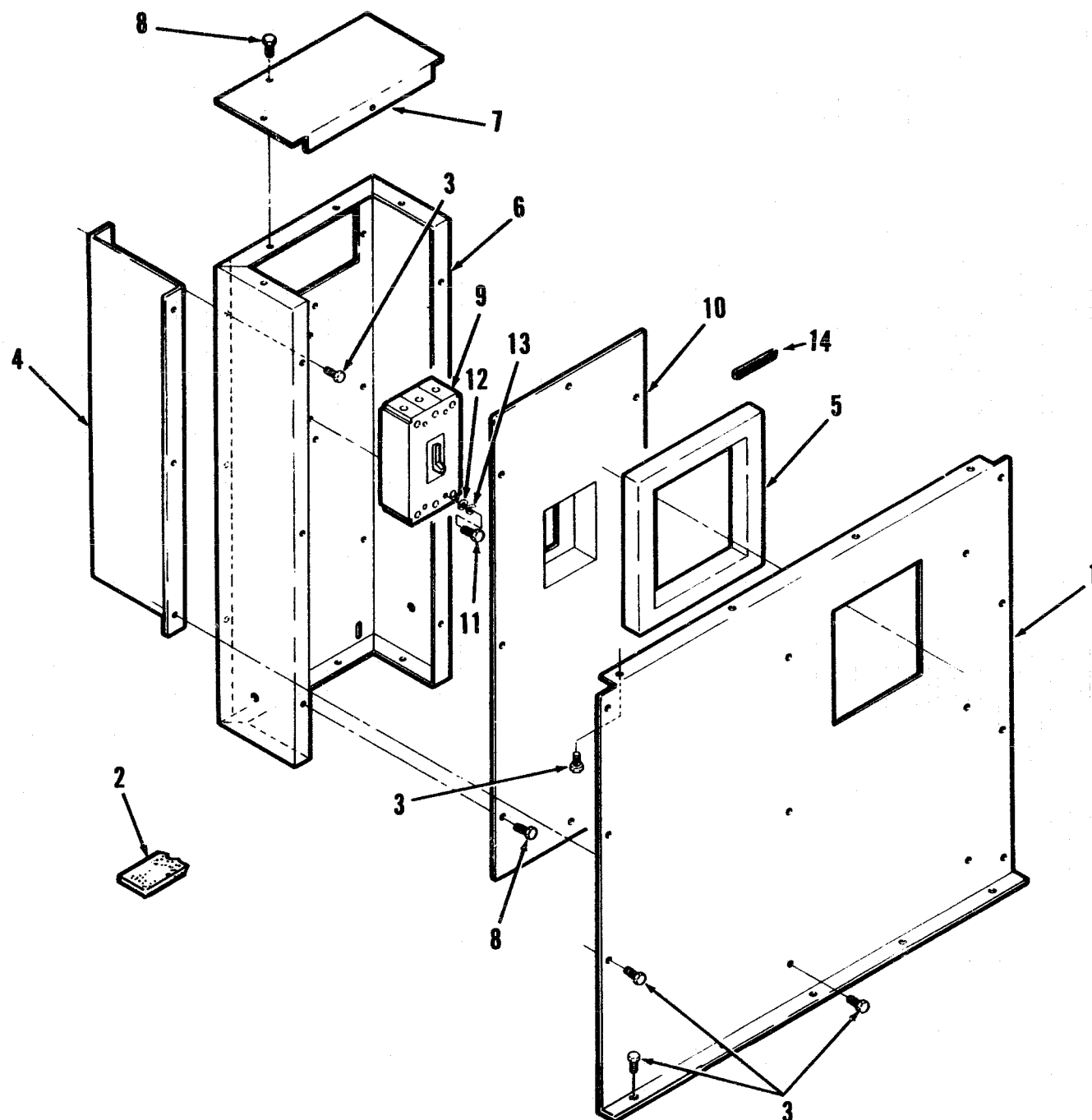


950B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-3232	1	Decal, Warning "Shock Hazard"
2	870-0183	2	Nut, Self-Locking - Hex (#6-32)
3	854-0006	4	Washer, Lock - IT (#6)
4	301-1886	1	Cover
5	860-0006	2	Nut, Hex (#6-32)
7	812-0070	2	Screw, Machine - Round Head (#6-32 x 1-1/4")
8	309-0128	1	Thermostat - Adjustable
9	800-0034	2	Screw, Cap - Hex Head (5/16-18 x 2-1/4")
10	526-0113	2	Washer, Flat (5/16")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	870-0257	2	Nut, Self-Locking - Hex (5/16-18)
12	130-1107	2	Spacer Heater, Electrical
13	333-0151	1	75 Watt, 120 VAC
	333-0378	1	300 Watt, 240 VAC
14	335-0161	1	Cable, Electrical 120 VAC
	338-2181	1	240 VAC (Wiring Harness with Diode 357-0013, Less Plug)

Rear Panel



883C

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-0868	1	Panel, Rear Without Circuit Breaker Opening	5	128-0129	1	Foam
	319-0930	1	With Circuit Breaker Opening	6	301-9668	1	Box, Circuit Breaker
2	895-0308	-	Tape, Sealing - Bulk (Order by the foot) 1/8" Thk x 1" Wide - 9' required	7	301-9669	2	Panel, Box
	895-0170	-	3/8" Thk x 3/4" Wide - 3' required	8	821-0010	16	Screw, Cap - Hex Locking Head (1/4-20 x 1/2")
3	821-0018	17	Screw, Cap - Hex Locking Head (1/4-20 x 5/8") Without Circuit Breaker Opening	9	320-1555-10	1	Breaker, Circuit - 3 Pole, 225 Amp, 240 Volt
	821-0018	29	With Circuit Breaker Opening	10	319-0285	1	Cover
4	319-0973	1	Bracket, Box Mounting Left Side	11	812-0157	4	Screw, Machine - Round Head (1/4-20 x 1-3/4")
	319-0974	1	Right Side	12	526-0108	4	Washer, Flat (1/4")
				13	850-0040	4	Washer, Lock - Spring (1/4")
				14	508-0305-02	1	Edging

Paint

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metalic)				Cummins Beige Enamel
525-0305	-		13 Oz. Pressureized Spray Can	525-0551-02	-		13 Oz. Pressurized Spray Can
525-0306	-		Quart Can	525-0551-03	-		Quart Can
525-0304	-		Gallon Can	525-0551-04	-		Gallon Can
			Onan Black Enamel				
525-0308-02	-		13 Oz. Pressureized Spray Can				

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