



PARTS CATALOG

Onan Model

DGEA

DGFA

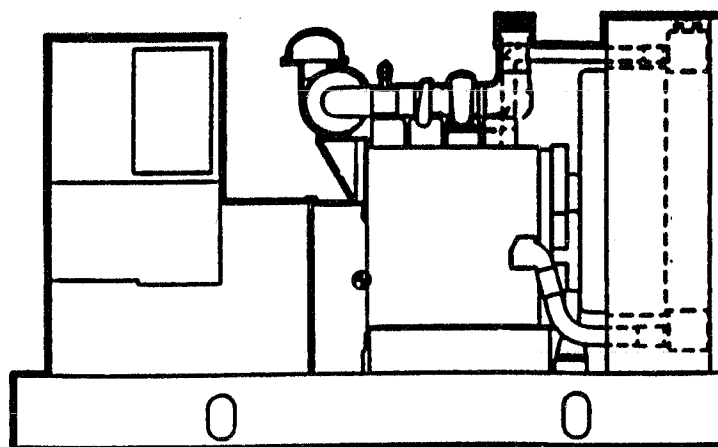
DGFB

Cummins Model

CT61

CTA

Generating Set



960-0233

2-93 (Spec B-H)

Replaces 1-92 (Spec B-G)

Printed in U.S.A.

Note: This parts catalog issue replaces:
960-0234 (11-89) Spec B and Up.

Introduction

This Parts Manual applies to the Standard Sets Listed below. The illustrations are arranged in groups of related items, and each part or assembly is identified by a Reference Number. All parts illustrated are typical, and unless otherwise mentioned in the description column the parts are interchangeable between models.

These typical illustrations are subject to change and reflect only the latest replacement parts arrangement. The Right and Left sides of the Set are determined by FACING the FRONT (Engine end) of the Set.

MODEL IDENTIFICATION TABLE

ENGINE MODEL	GENERATOR SET IDENTIFICATION		NEWAGE GENERATOR	HERTZ	RPM	BATTERY VOLTAGE
	CUMMINS POWER SYSTEM	ONAN POWER SYSTEM				
6CT8.3-G. SES1173	125 CT61/xxxxx C	125 DGEA/xxxxx B	UC274F	60	1800	24 VDC
6CTA8.3-G. SES1174	150 CTA	150 DGFA	UC274F	60	1800	24 VDC
		175 DGFB	UC274F	60	1800	24 VDC

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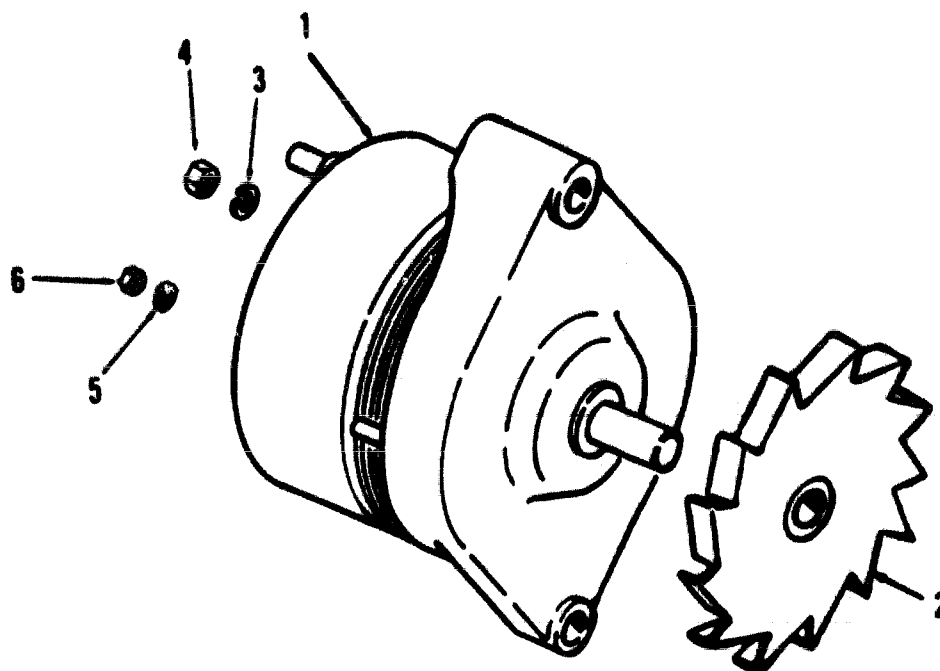
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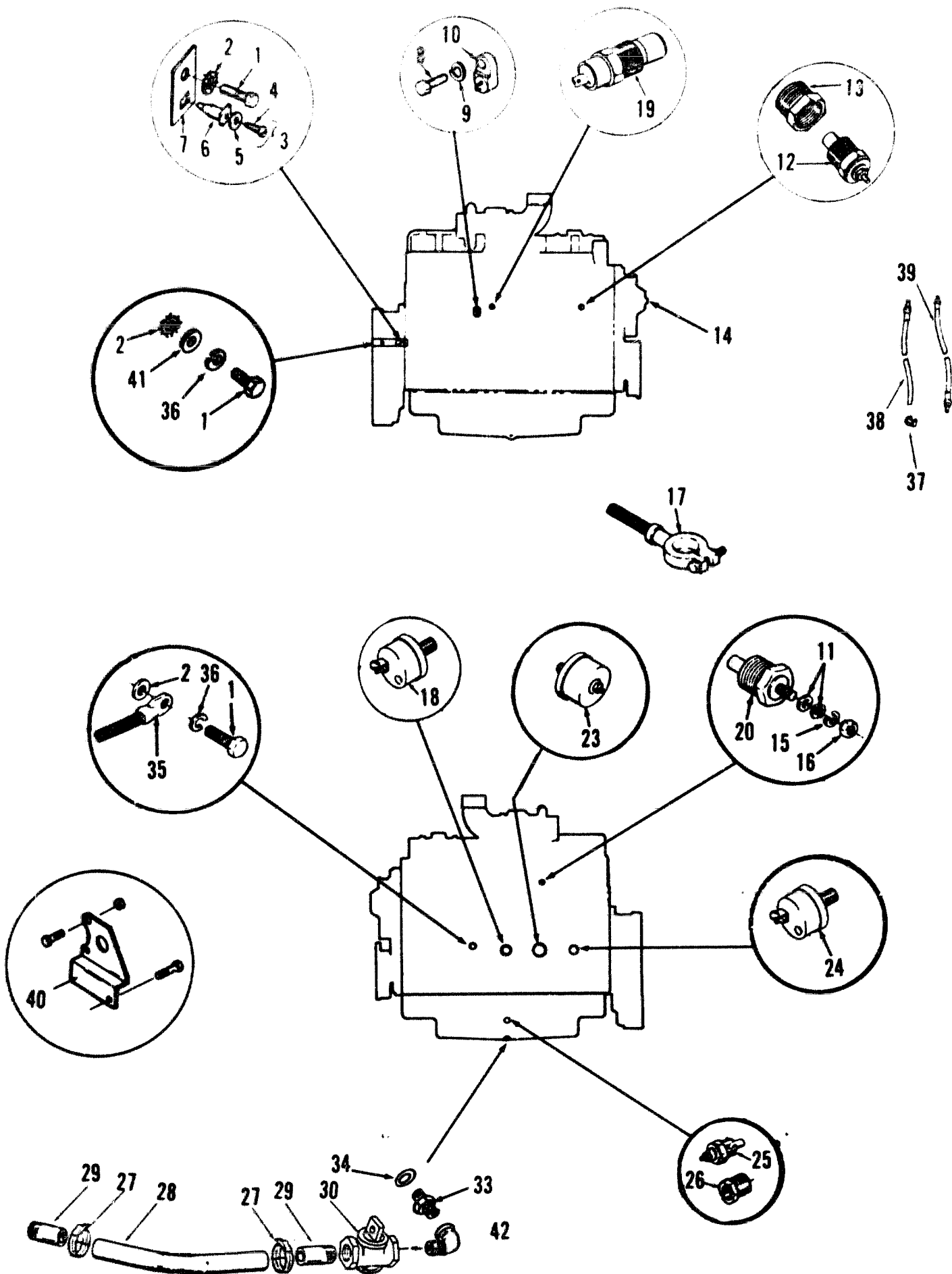
Alternator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1983-02	1	Alternator, 24 Volt
2	191-1981	1	Fan, Alternator
3	850-2008	1	Washer, Lock (M8)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	860-2008	1	Nut, Hex (M8)
5	850-2005	2	Washer, Lock (M5)
6	860-2006	2	Nut, Lock (M5)

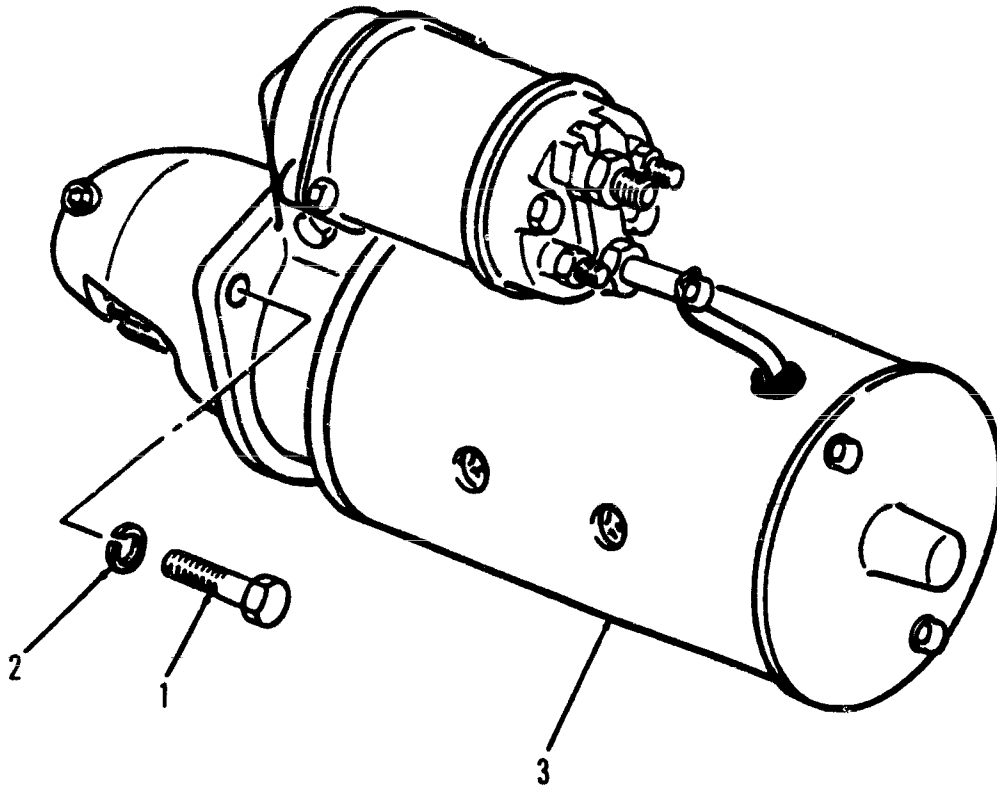
External Engine Components



External Engine Components

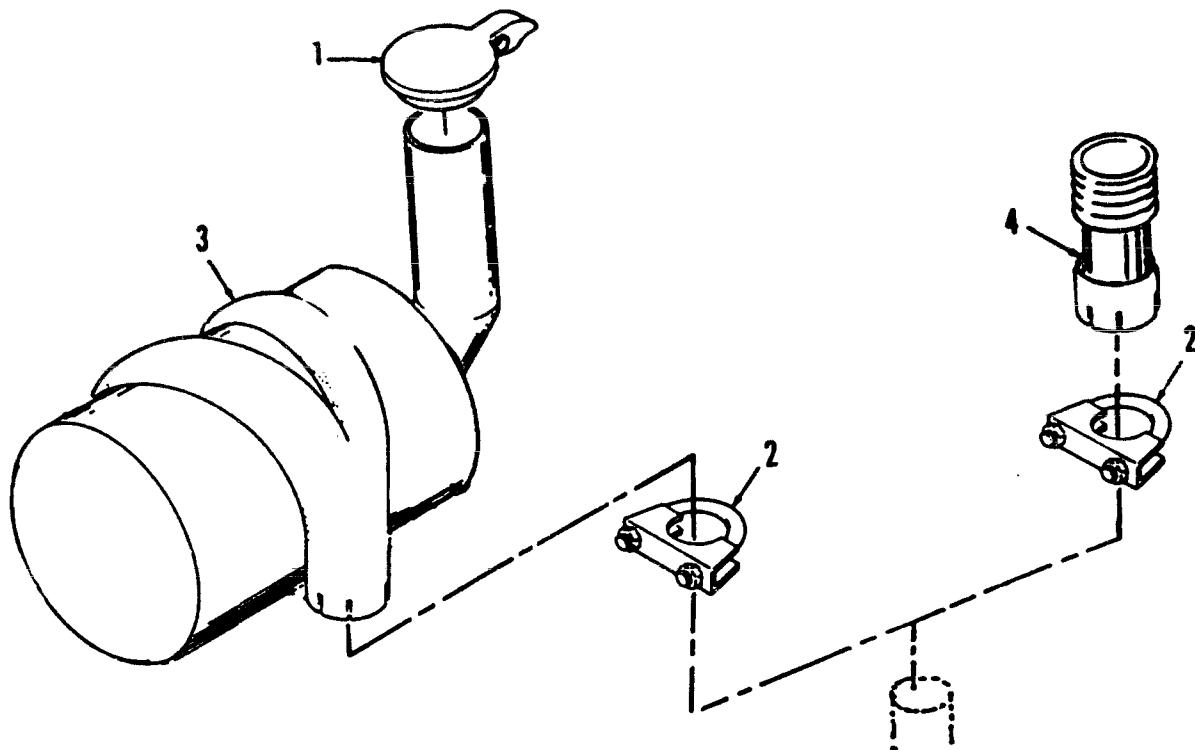
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-2110	2	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)	19	309-0553	1	Switch, Thermostatic - Engine Coolant Temp. Pre-Alarm (S6) Open 195°F, Close 220°F
2	856-0013	3	Washer, Lock - EIT (1/2")	20	193-0375	1	Sender, Temperature - Engine Coolant (E2)
3	332-2739	1	Terminal Assembly (Includes Item 3 thru 7)	23	193-0244	1	Sender, Pressure - Oil (E1)
4	809-0035	1	Screw, Tapping - Round Head (#8 x 3/4")	24	309-0561	1	Switch, Pressure - Oil - Shutdown (S1) (Dual Terminal) Close 14#PSI
5	508-0015	1	Washer, Insulating	25	193-0353	1	Sender, Temperature - Oil (E4)
6	870-0196	1	Nut, Insulated	26	505-1373	1	Bushing, Reducer (M22 x 1/8 NPTF)
7	332-2738	1	Board, Terminal	27	503-0197	2	Clamp, Hose
8	800-2058	1	Screw, Cap - Hex Head (M8 x 1.25 x 25mm)	28	503-0098	1	Hose (3/4" ID x 20" LG)
9	850-2008	1	Washer, Lock (M8)	29	505-0185	3	Nipple, Pipe - Half
10	309-0269	1	Switch, Thermostatic - Low Engine Temp (S4) Open 85°F, Close 65°F	30	504-0011	1	Valve, Shutoff
11	526-0008	1	Washer, Flat (#10)	33	102-1237	1	Adapter, Drain - Oil
12	309-0554	1	Switch, Thermostatic - Engine Coolant Temp (S2) Open 205°F, Close 230°F	34	102-1356	1	Gasket, Drain - Oil Pan
13	505-0021	1	Bushing, Reducer	35	416-0619	1	Cable, Battery (18" Lg)
14		1	Alternator Group Items	36	850-2012	1	Washer, Lock - Spring (M12)
	3904981	1	Fan, Alternator	37	503-0685	1	Clamp, Hose
	3908560	1	Pulley, Alternator	38	501-0480	1	Line, Fuel - Flex (Fuel Out)
	3908563	1	Retainer, Pulley	39	501-0441	1	Line, Fuel - Flex (Fuel In)
	3911462	1	Alternator - 24 VDC (Less Pulley)	40	150-2252	1	Bracket, Adjustment - Low Speed Stop
	3911560	1	Belt, Drive - Alternator		718-1021	2	Attaching Parts for Bracket Screw, Cap - Hex Head (M6 x 1.0 x 20mm)
	870-2161	1	Nut,		718-1026	1	Screw, Cap - Hex Head (M6 x 1.0 x 45mm)
15	850-0030	1	Washer, Lock (#10)		860-2007	2	Nut, Hex (M6 x 1")
16	871-0010	1	Nut, Hex (#10-32)	41	526-2140	1	Washer, Flat (M12)
17	416-0444	1	Cable, Battery	42	505-0050	1	Elbow, Street (1/2"-90°)
18	309-0272	1	Switch, Pressure - Pre-alarm Oil (S5) (One Terminal) Close 20#PSI				

Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-2088	3	Screw, Cap - Hex Head (M10 x 1.5 x 35)	2	850-2010	3	Washer, Lock - Spring (M10)
				3	191-2038	1	Starter - 24 Volt

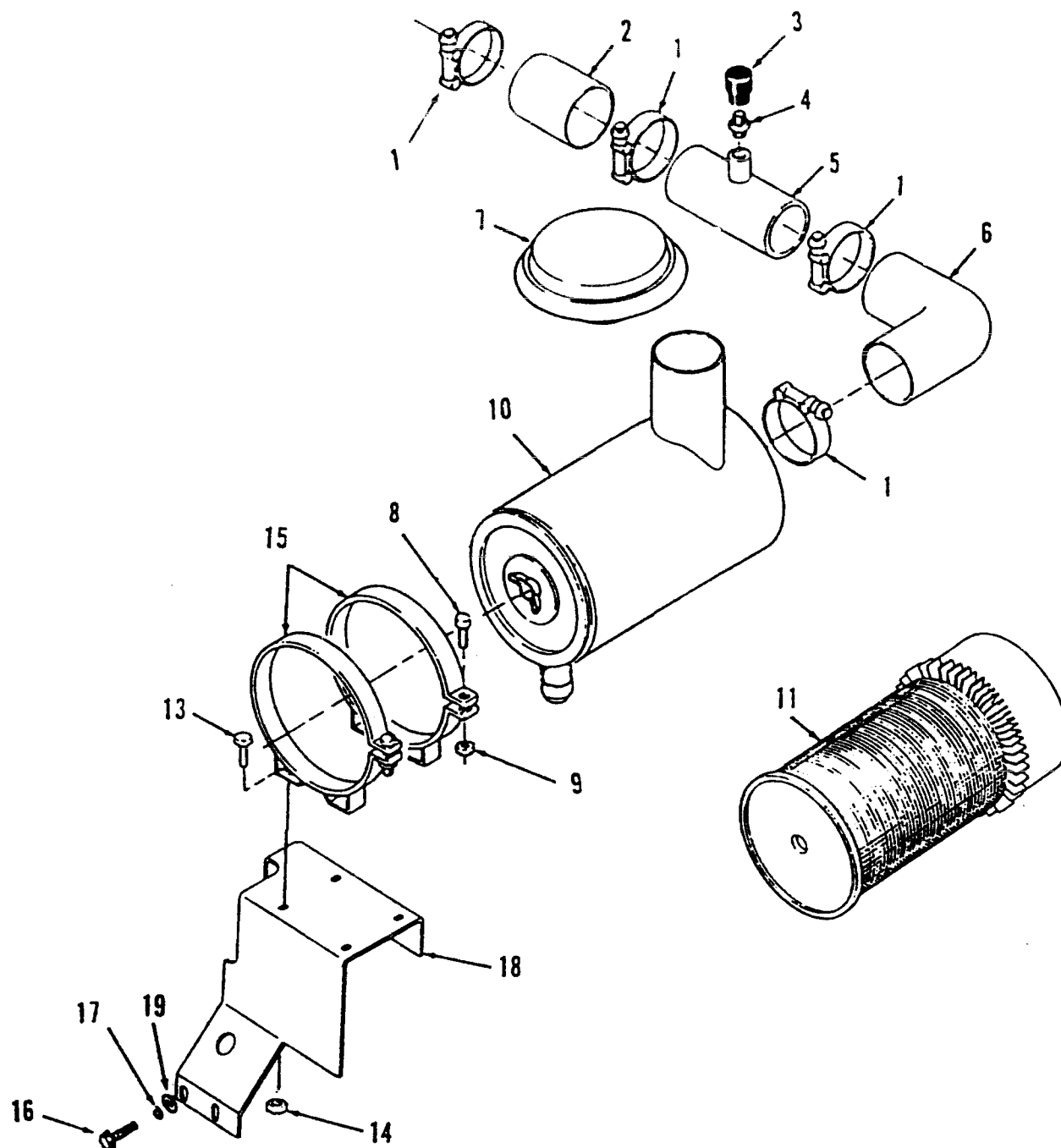
Exhaust System Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2062-07	1	Cap, Rain
2	155-2305	1	Clamp, Muffler

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	155-2307	1	Silencer
4	155-2304	1	Adapter, Exhaust

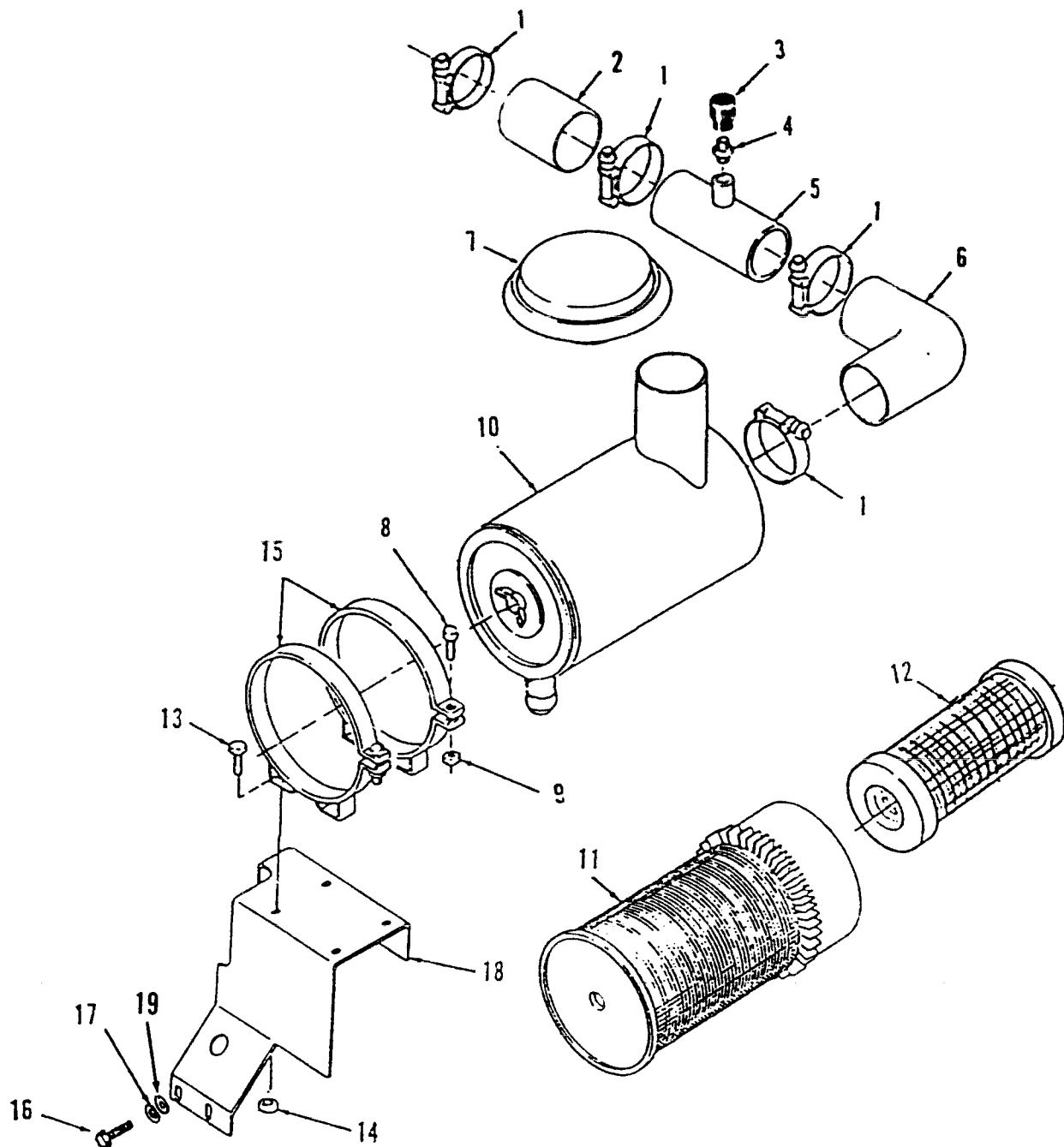
Air Cleaner (Standard)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-1870-07	4	Clamp, Hose
2	503-1595	1	Hose
3	140-1548	1	Indicator, Service
4	140-1260	1	Adapter, Filter - Indicator
5	140-2238	1	Tube, Inlet - Air
6	503-1354	1	Elbow, Rubber - Molded
7	140-1601	1	Hood, Inlet - Air
8	815-0115	2	Screw, Machine - Fillister Head (1/4-20 x 1")
9	863-0002	2	Nut, Square (1/4-20)
10	140-2240	1	Cleaner, Air (Incl Element)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	140-2241	1	Element, Air Cleaner
13	821-0029	4	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")
14	870-0281	4	Nut, Lock (3/8-16)
15	140-1973	2	Band, Mounting
16	800-2110	3	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)
17	850-2012	3	Washer, Lock (M12)
18	140-2239	1	Bracket, Mounting - Air Cleaner
19	526-2140	3	Washer, Flat (M12)

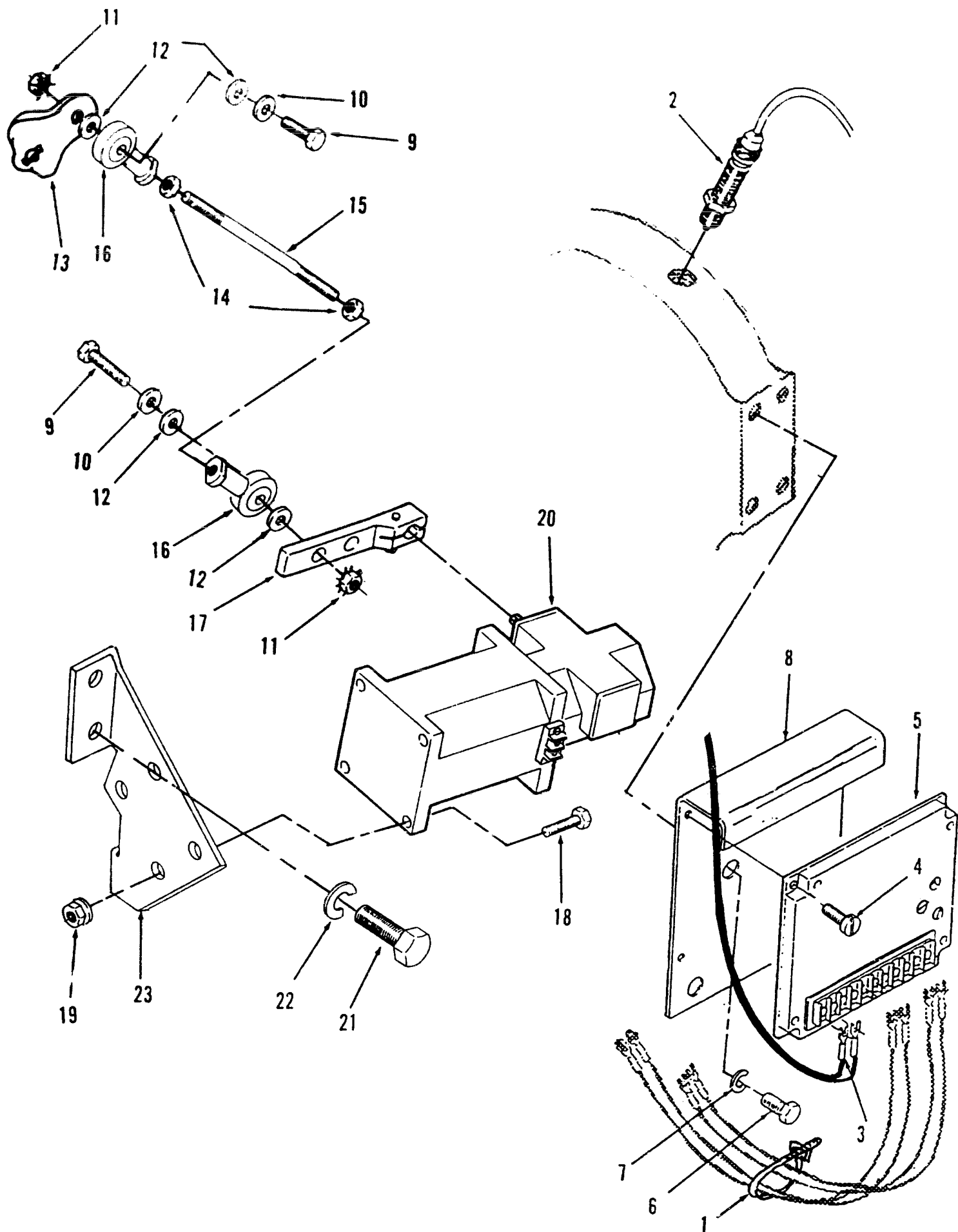
Air Cleaner (Heavy Duty)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-1870-07	4	Clamp, Hose
2	503-1595	1	Hose
3	140-1548	1	Indicator, Service
4	140-1260	1	Adapter, Filter - Indicator
5	140-2238	1	Tube, Inlet - Air
6	503-1354	1	Elbow, Rubber - Molded
7	140-1601	1	Hood, Inlet - Air
8	815-0115	2	Screw, Machine - Fillister Head (1/4-20 x 1")
9	863-0002	2	Nut, Square (1/4-20)
10	140-2251	1	Cleaner, Air (Includes Elements)
11	140-2241	1	Element, Air Cleaner - Primary (Outer)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	140-2252	1	Element, Air Cleaner - Secondary (Inner)
13	821-0029	4	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")
14	870-0281	4	Nut, Lock (3/8-16)
15	140-1973	2	Band, Mounting
16	800-2110	3	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)
17	850-2012	3	Washer, Lock (M12)
18	140-2239	1	Bracket, Mounting - Air Cleaner
19	526-2140	3	Washer, Flat (M12)

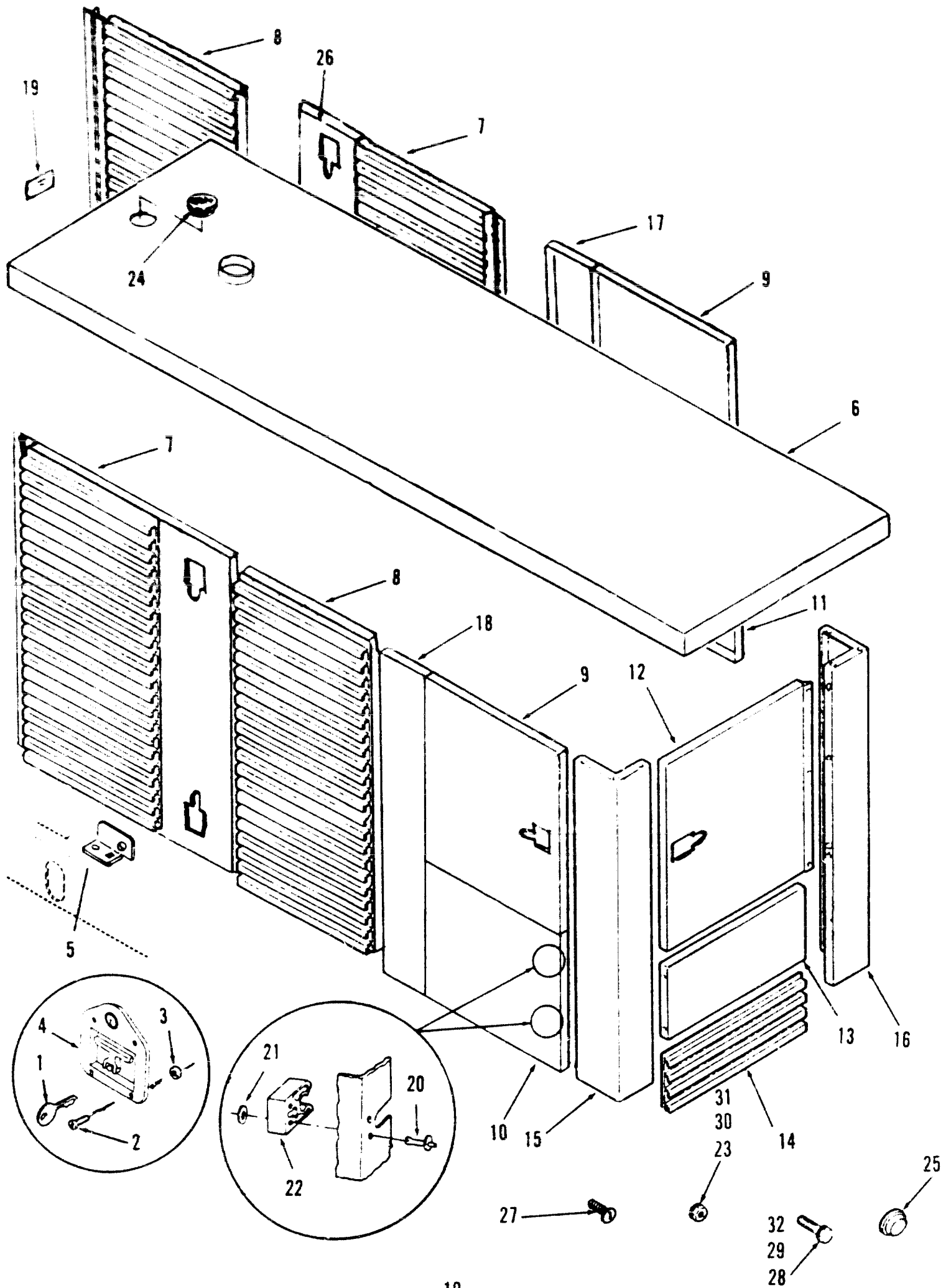
Electronic Governor



Electronic Governor

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-1445	5	Tie Cable	11	870-0131	2	Nut, Hex - W/ET (#10-32)
2	150-2201	1	Sensor, Speed (Includes Electrical Leads - Less Terminals)	12	526-0008	4	Washer, Flat (#10)
3	332-1279	2	Terminal (Use on Electrical Leads)	13	150-2237	1	Lever, Governor
4	813-0103	4	Screw, Machine - Round head (#10-32 x 3/4")	14	870-0053	2	Nut, Hex (#10-32)
5	151-0611	1	Control, Governor 24 VDC	15	150-2218-03	1	Rod, Governor
6	800-2110	2	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)	16	150-2251	2	End, Rod
7	850-2012	2	Washer, Lock (M12)	17	150-2203	1	Lever, Actuator - Governor
8	150-2007	1	Bracket, Controller	18	800-0008	4	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
9	815-0172	2	Screw, Machine - Hex head (#10-32 x 1")	19	870-0212	4	Nut, Lock (1/4-20)
10	526-0179	2	Washer, Flat (1/16")	20	151-0612	1	Actuator, Governor 24VDC
				21	800-2085	3	Screw, Cap - Hex head (M10 x 1.50 x 20mm)
				22	850-2010	3	Washer, Lock (M10)
				23	150-2238	1	Bracket, Governor Actuator

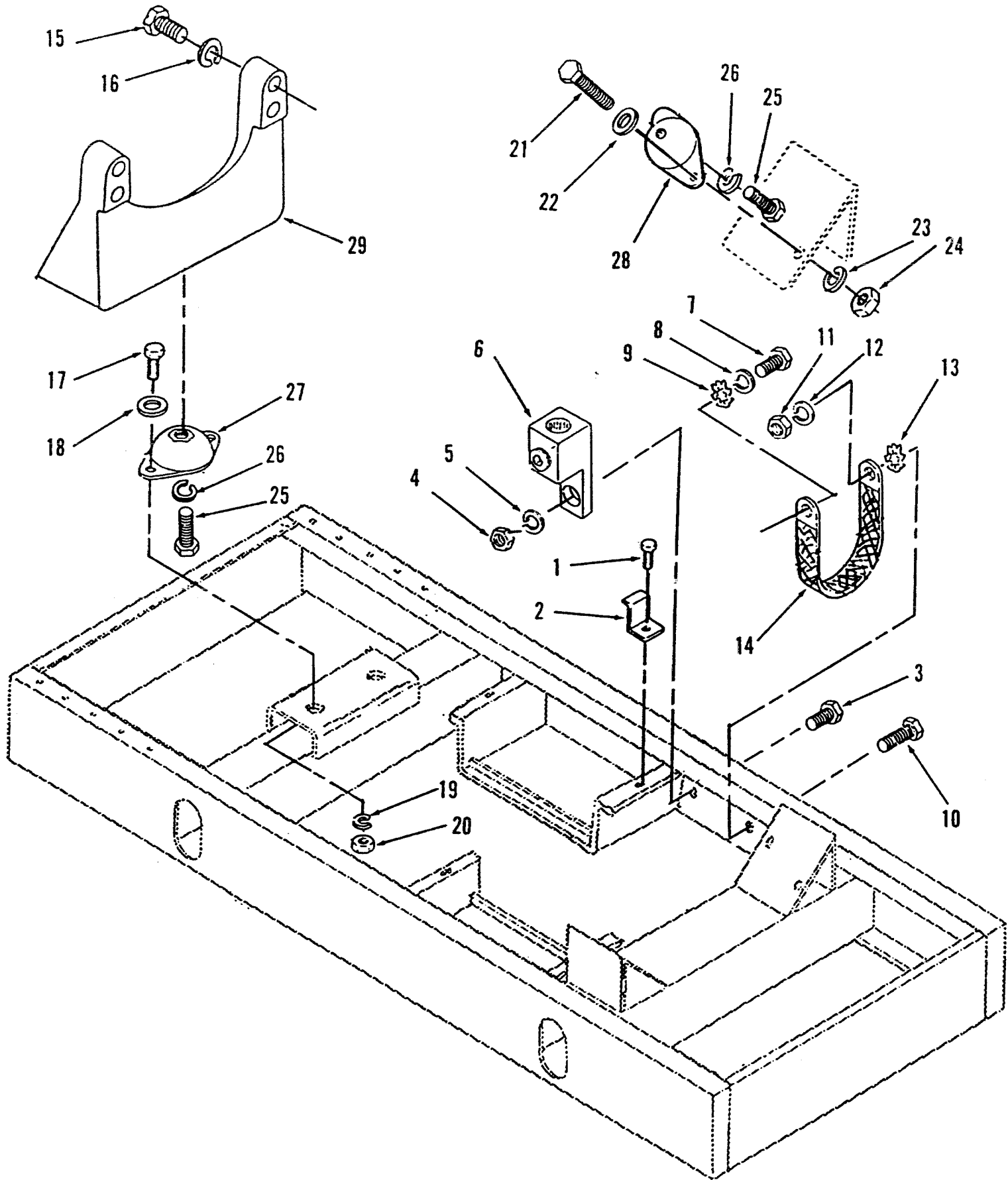
Set Housing Components



Set Housing Component

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	406-0639	1	Key, Handle - Door	19	98-5429	2	Decal "COOLANT FILL"
2	815-0607	28	Screw, Machine - Oval Head (#8-32 x 3/8")	20	818-0150	8	Rivet, Drive
3	870-0235	28	Nut, Self-Locking - Hex (#8-32)	21	526-0003	8	Washer, Flat
4	406-0626	1	Handle, Door (Includes Key)	22	405-1872	4	Clip, Door (Non-metallic)
5	405-3980	2	Stop, Door	23	870-0257	4	Nut, Self-Locking - Hex (5/16-18")
6	405-4133	1	Top, Housing	24	517-0138-09	1	Plug, Hole - 2.5 Dia.
7	405-3962	2	Door, Housing	25	508-0231	6	Bumper
8	405-3961	2	Door, Housing	26	128-0116	1	Insulation Foam
9	405-3950	2	Door, Housing - Side	27	819-1083	15	Screw, Pan Head (1/4-20 x 7/16")
10	405-3984	1	Door, Access - Right Side (Includes Door Clips)	28	821-0014	8	Screw, Self Locking - Hex (5/16-18 x 1/2")
11	405-3985	1	Door, Access - Left Side (Includes Door Clips)	29	821-0029	22	Screw, Self Locking - Hex (3/8-16 x 3/4")
12	405-3952	1	Door, Control	30	870-0281	18	Nut, Self Locking - Hex (3/8-16")
13	405-3828	1	Panel, Housing - Rear	31	870-0212	4	Nut, Self Locking - Hex (1/4-20")
14	405-3833	1	Grille	32	821-0018	4	Screw, Self Locking - Hex (1/4-20 x 5/8")
15	405-3859-01	1	Post, Housing - Rear (RH)				
16	405-3859-02	1	Post, Housing - Rear (LH)				
17	405-4131-02	1	Post, Housing - Center (LH)				
18	405-4131-01	1	Post, Housing - Center (RH)				

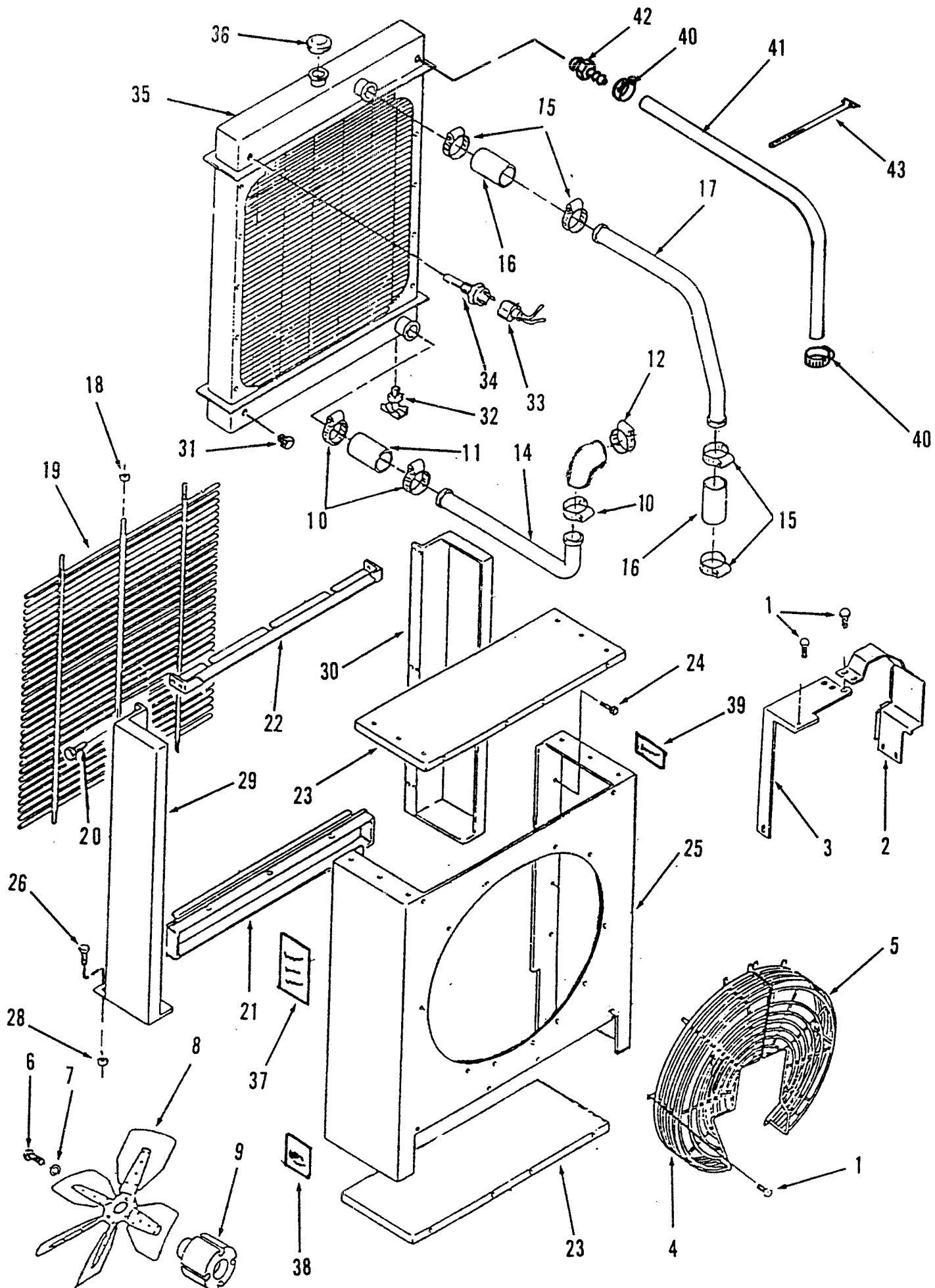
Skid



Skid

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0048	4	Screw, Cap - Hex Head (3/8-16 x 3/4")	15	800-2124	4	Screw, Cap - Hex Head (M12 x 1.75 x 90mm)
2	416-0850	4	Bracket, Retaining	16	850-2012	4	Washer, Lock (M12)
3	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")	17	800-0091	2	Screw, Cap - Hex Head (1/2-13 x 1-1/4")
4	856-0008	1	Washer, Lock - EIT (5/16)	18	526-0219	2	Washer, Flat (1/2")
5	870-0257	1	Nut, Lock (5/16-18)	19	850-0060	2	Washer, Lock - Spring (1/2")
6	332-1473	1	Lug, Solderless	20	862-0016	2	Nut, Hex (1/2-13)
7	800-2111	1	Screw, Cap - Hex Head (M12 x 1.75 x 25mm)	21	800-0071	4	Screw, Cap - Hex Head (7/16-14 x 1")
8	850-2012	1	Washer, Lock - Spring (M12)	22	526-0141	4	Washer, Flat (7/16")
9	856-0013	1	Washer, Lock - EIT (1/2")	23	850-0055	4	Washer, Lock - Spring (7/16")
10	800-0091	1	Screw, Cap - Hex Head (1/2-13 x 1-1/4")	24	862-0004	4	Nut, Hex (7/16-14)
11	862-0016	1	Nut, Hex (1/2-13)	25	800-0520	3	Screw, Cap - Hex Head (3/4-10 x 1")
12	850-0060	1	Washer, Lock - Spring (1/2")	26	850-0079	3	Washer, Lock - Spring (3/4")
13	856-0013	1	Washer, Lock - EIT (1/2")	27	402-0030	1	Mount, Vibration - Engine
14	337-0090	1	Strap, Electrical	28	402-0568	2	Mount, Vibration - Generator
				29	403-2690	1	Support, Engine

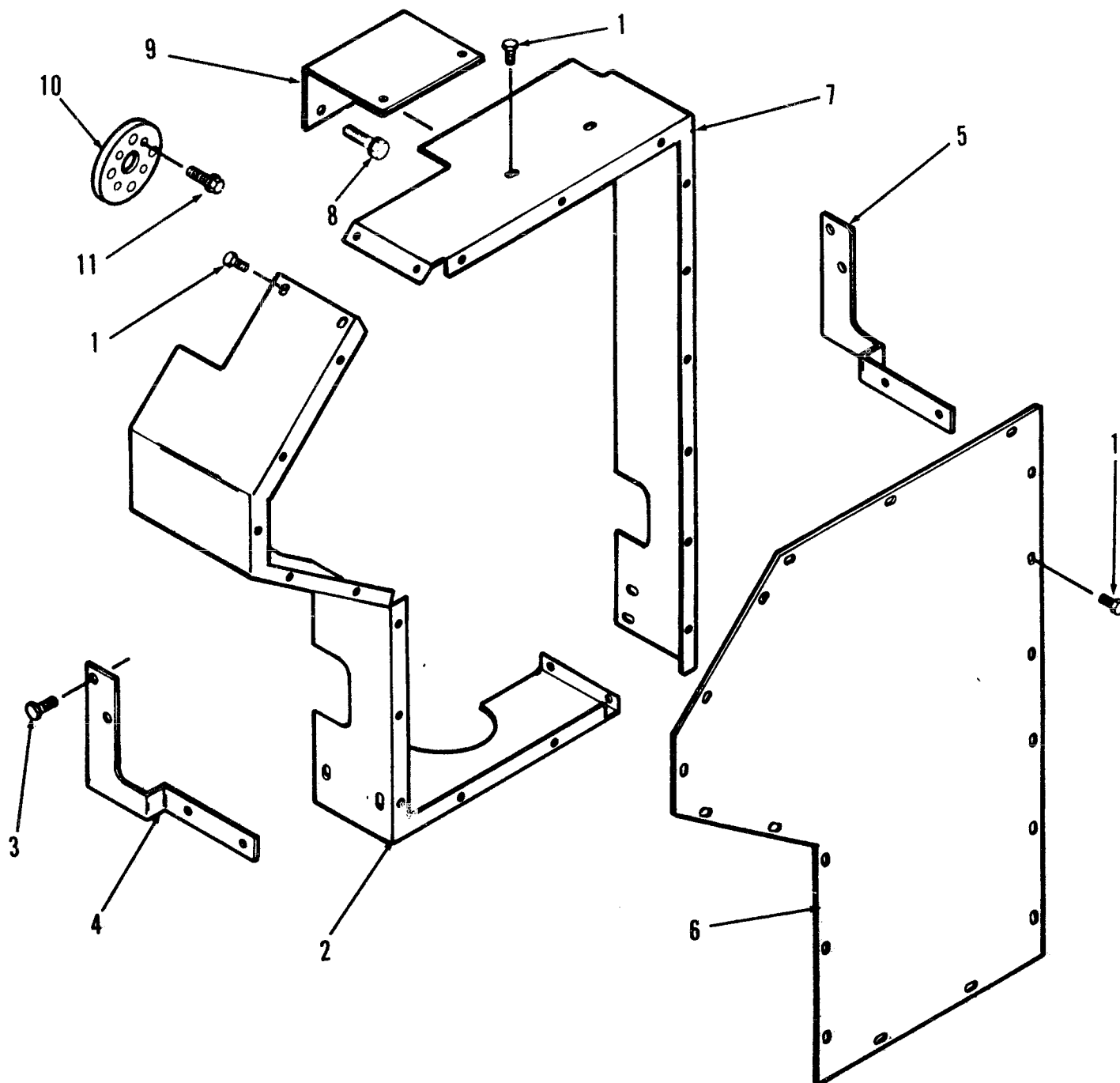
Radiator Cooling System



Radiator Cooling System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0018	36	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")	23	130-3206	2	Shroud, Top/Bottom
2	130-3218	1	Guard, Belt, LH	24	821-0028	24	Screw, Self-Locking - Hex Washer Head (3/8-16 x 1/2")
3	130-3217	1	Guard, Belt, RH	25	130-3205	1	Wrapper, Shroud - Fan
4	130-3209-01	1	Guard, Fan	26	821-0029	6	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")
5	130-3209-02	1	Guard, Fan	28	870-0281	14	Nut, Self-Locking - Hex (3/8-16)
6	800-2096	4	Screw, Cap - Hex Head (M10 x 1.5 x 75mm)	29	130-3202-01	1	Guard, Radiator
7	850-2010	4	Washer, Lock - Spring (M10)	30	130-3202-02	1	Guard, Radiator
8	130-3208	1	Fan, Radiator	31	502-0153	2	Plug, Pipe - Hex (1/4 NPT)
9	130-3216	1	Spacer, Fan	32	504-0003	1	Cock, Drain (1/4 NPT)
10	503-0365	3	Clamp, Hose	33			Harness, Wiring
11	503-1599	1	Hose, Radiator		338-2928	1	Shutdown
12	503-1586	1	Clamp, Hose		338-2929	1	Warning
14	130-3212	1	Tube, Outlet - Radiator	34	193-0322	1	Sender, Level - Coolant
15	503-0465	4	Clamp, Hose	35	130-3207	1	Radiator (Includes Cap)
16	503-1379-01	2	Hose, Radiator	36	130-1788	1	Cap, Radiator - 14 PSI
17	130-3211	1	Tube, Inlet - Radiator	37	98-5393	2	Decal - Warning (Rotating Fan)
18	870-0281	15	Nut, Self-Locking - Hex (3/8-16)	38	98-1003	2	Decal - Water Drain
19	130-3210	1	Grille, Radiator	39	98-0961	2	Decal - Water Level
20	821-0010	8	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")	40	503-0446	2	Clamp, Hose
21	130-3204	1	Support, Grille - Lower	41	503-1408-01	1	Hose (26-1/4")
22	130-3203	1	Support, Grille - Upper	42	502-1162	1	Connector, Hose
				43	332-1389	1	Tie, Cable

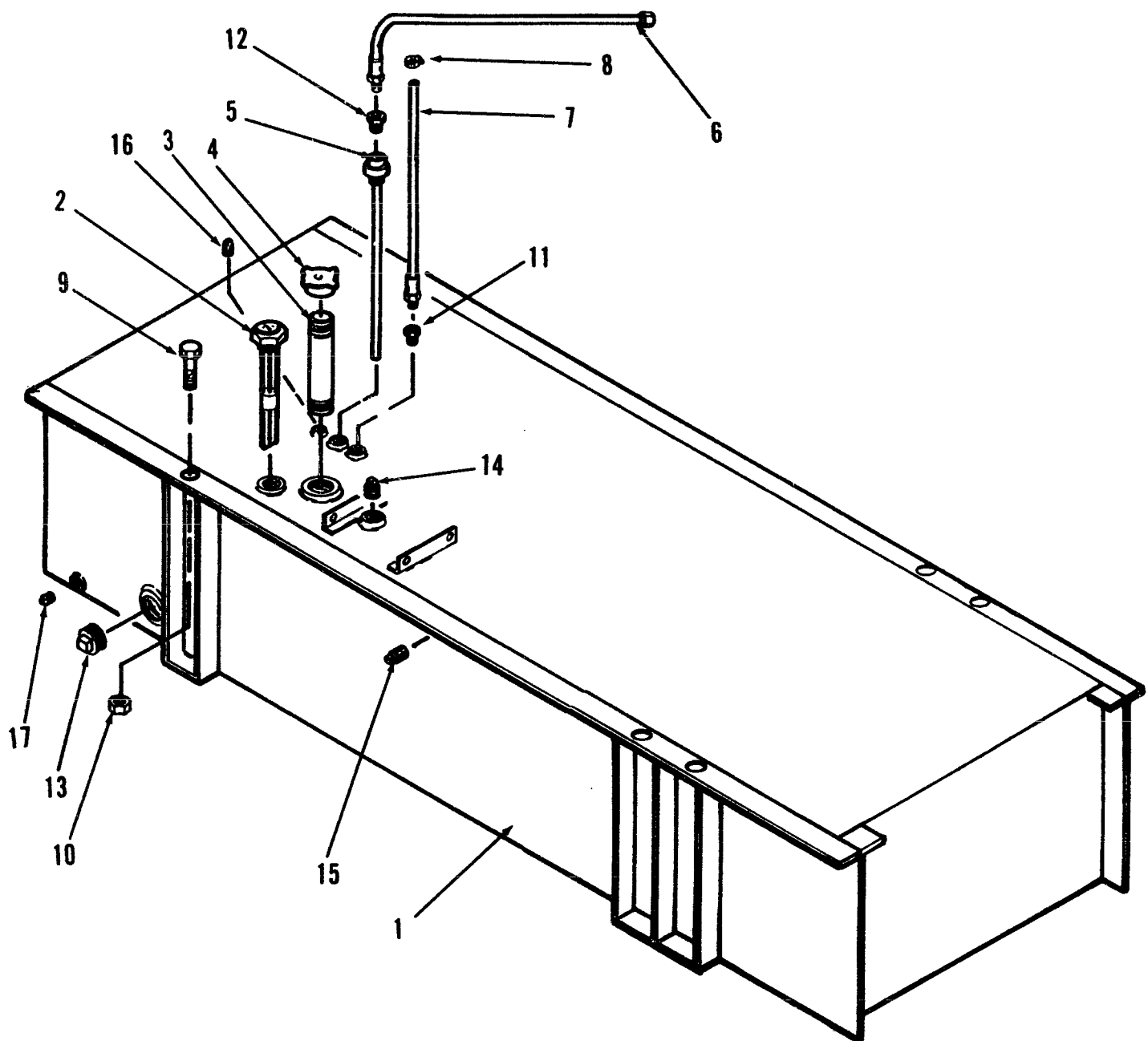
Remote Radiator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0018	29	Screw, Self-Locking - Hex Washer Head (1/4-20 x .62)
2	130-3244	1	Guard, Belt
3	800-2110	4	Screw, Cap - Hex Head (M12 x 1.75 x 20)
4	130-3246-01	1	Bracket, Guard - Belt (LH)
5	130-3246-02	1	Bracket, Guard - Belt (RH)
6	130-3243	1	Cover, Guard - Belt

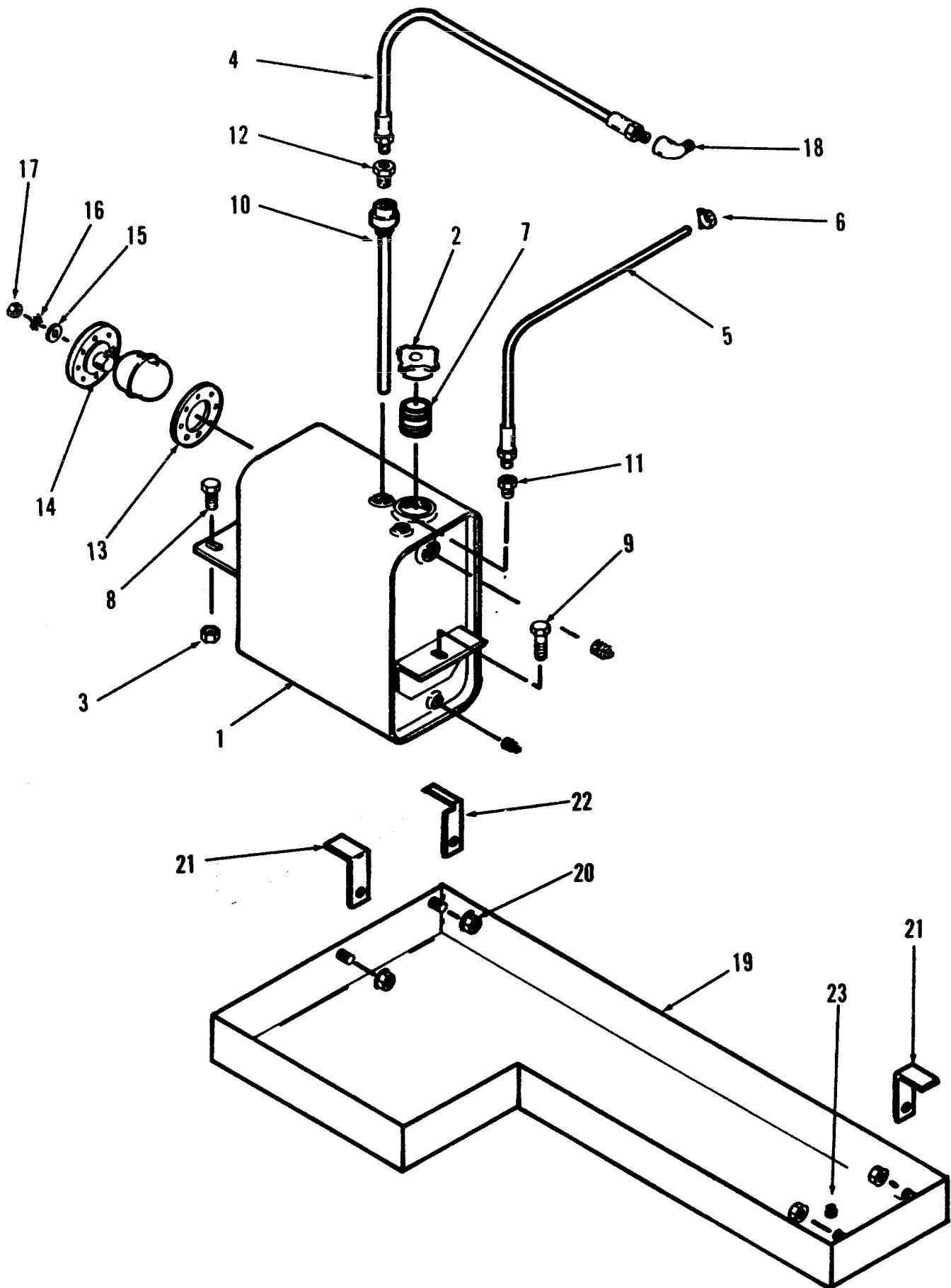
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	130-3245	1	Guard, Belt
8	718-1036	2	Screw, Cap - Hex Head (M8 x 1.25 x 20)
9	130-3247	1	Bracket, Guard - Belt
10	130-3582	1	Plate, Clamping
11	718-1813	4	Screw, Cap - Hex Flange Head (M10 x 1.50 x 25)

Fuel Tank



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1182	1	Tank, Fuel (195 Gal)	10	862-0008	4	Nut, Hex (3/4-10")
2	415-0565-03	1	Gauge, Liquid Level	11	505-1133	1	Bushing, Reducer (1/2 x 1/8")
3	505-0748	1	Nipple, Pipe (2 x 9")	12	505-0018	1	Bushing, Reducer (.25 x .50)
4	159-1208	1	Cap, Fuel	13		1	Plug, Pipe (2" NPT)
5	415-0566-03	1	Pipe, Fuel Tank Suction	14		1	Plug, Pipe (1-1/4" NPT)
6	501-0441	1	Line, Fuel - Flex	15		1	Plug, Pipe (1" NPT)
7	501-0480-01	1	Line, Fuel - Flex	16	505-0266	1	Plug, Pipe (3/8" NPT)
8	503-0170	1	Clamp, Hose	17		1	Plug, Pipe (1/2" NPT)
9	800-0155	4	Screw, Cap - Hex Head (3/4-10 x 2")				

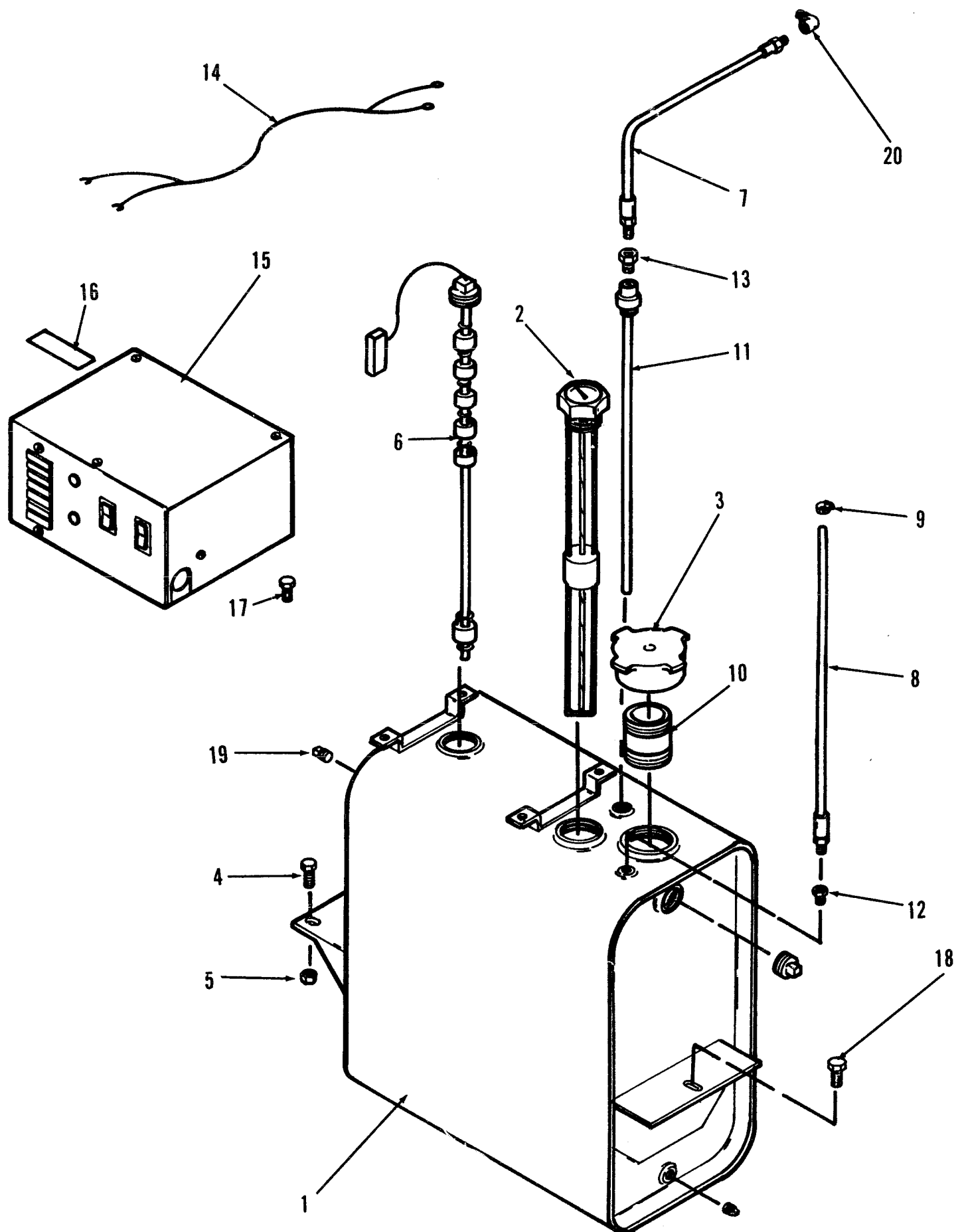
Day Tank



Day Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0661	1	Tank, Day (7.5 Gal)	10	415-0566-04	1	Pipe, Tank - Fuel
2	159-1208	1	Cap, Fuel	11	502-0143	1	Adapter-Reducing (1/4 x 1/8)
3	870-0212	2	Nut, Self-Locking - Hex Washer Head (1/4-20)	12	505-0018	1	Bushing, Reducer (1/4 x .50)
4	501-0496	1	Line, Fuel - Flex (Tank to Eng)	13	415-0660	1	Gasket
5	501-0570	1	Line, Fuel - Flex (Fuel to Tank)	14	415-0657	1	Valve Assembly, Float
6	503-0685	1	Clamp, Hose	15	526-0008	8	Washer-Flat
7	505-0172	1	Nipple, Close (2 x 2)	16	853-1008	8	Washer, Lock - EIT
8	821-0018	2	Screw, Self-Locking - Hex Washer Head (1/4-20 x .625)	17	867-0028	8	Nut, Hex
9	821-0031	1	Screw, Self-Locking - Hex Washer Head (3/8-16 x .750)	18	502-0054	1	Elbow - Street (1/4 x 90°)
				19	159-1292	1	Basin - Rupture
				20	870-0257	4	Nut, Whizlock (5/16-18)
				21	159-1272	3	Hanger - Rupture Basin
				22	159-1271	1	Hanger - Rupture Basin
				23	505-0055	1	Plug - Pipe (1/4)

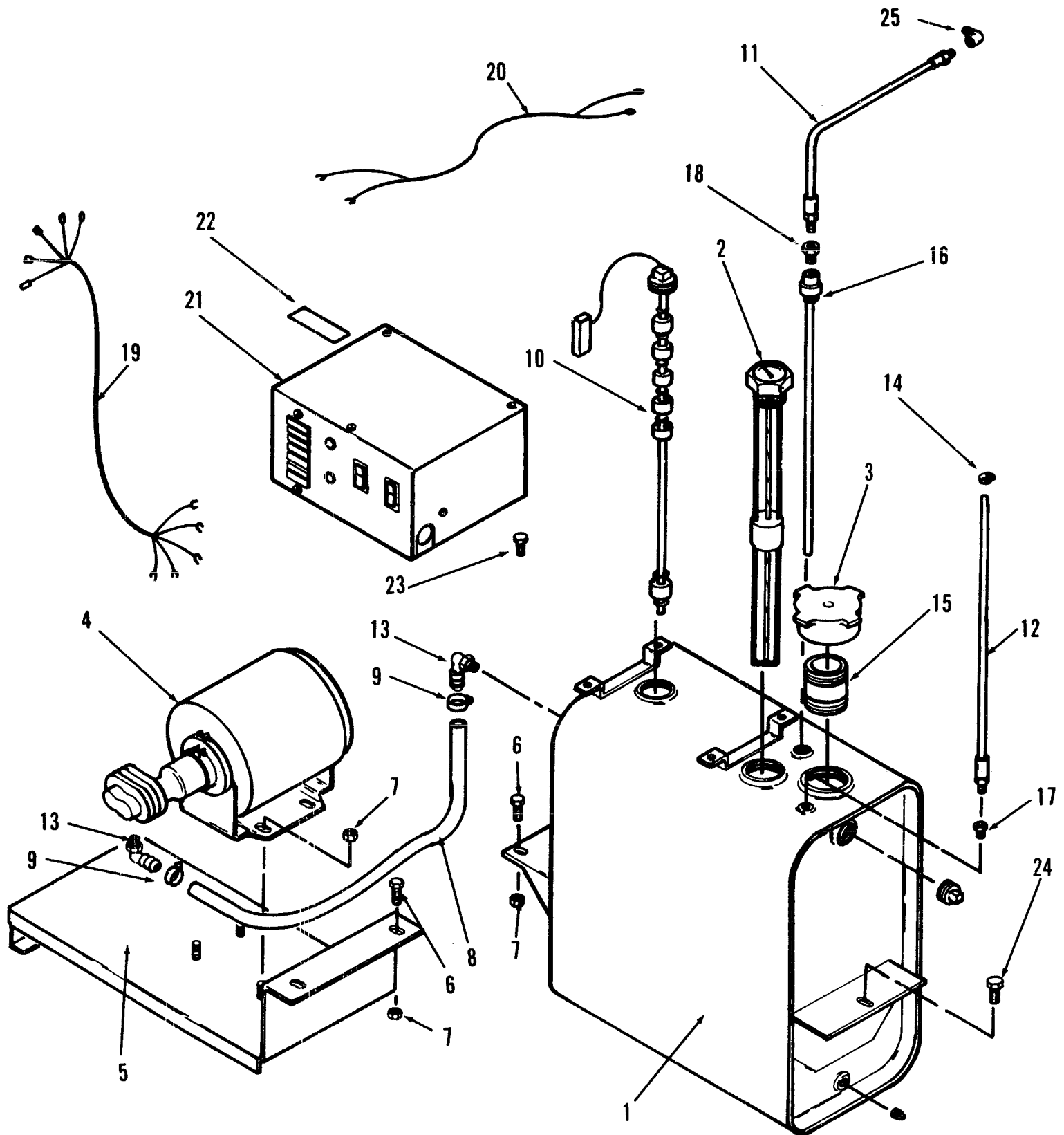
Day Tank With Control



Day Tank With Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0658	1	Day Tank (7.5 Gal)	11	415-0566-04	1	Pipe, Tank - Fuel
2	415-0565-04	1	Gauge, Fuel	12	502-0143	1	Adapter, Reducing (1/4 x 1/8)
3	159-1208	1	Cap, Fuel	13	505-0018	1	Bushing, Reducer (1/4 x .50)
4	821-0010	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x .50)	14	338-2398	1	Wiring Harness
5	870-0212	2	Nut, Self-Locking - Hex Washer Head (1/4-20)	15	625-2141-01	1	Control (See Separate Breakdown Page)
6	308-0913	1	Switch, 5 Float	16	98-5387	1	Label, Danger
7	501-0496	1	Line, Fuel - Flex (Tank to Engine)	17	821-0018	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x .625)
8	501-0570	1	Line, Fuel - Flex (Fuel to Tank)	18	821-0031	1	Screw, Self-Locking - Hex Washer Head (3/8-16 x .750)
9	503-0685	.	Clamp, Hose	19	505-0266	1	Plug, Pipe 3/8 NPT
10	505-0172	1	Nipple, Close (2 x 2)	20	502-0054	1	Elbow, Street (1/4 x 90°)

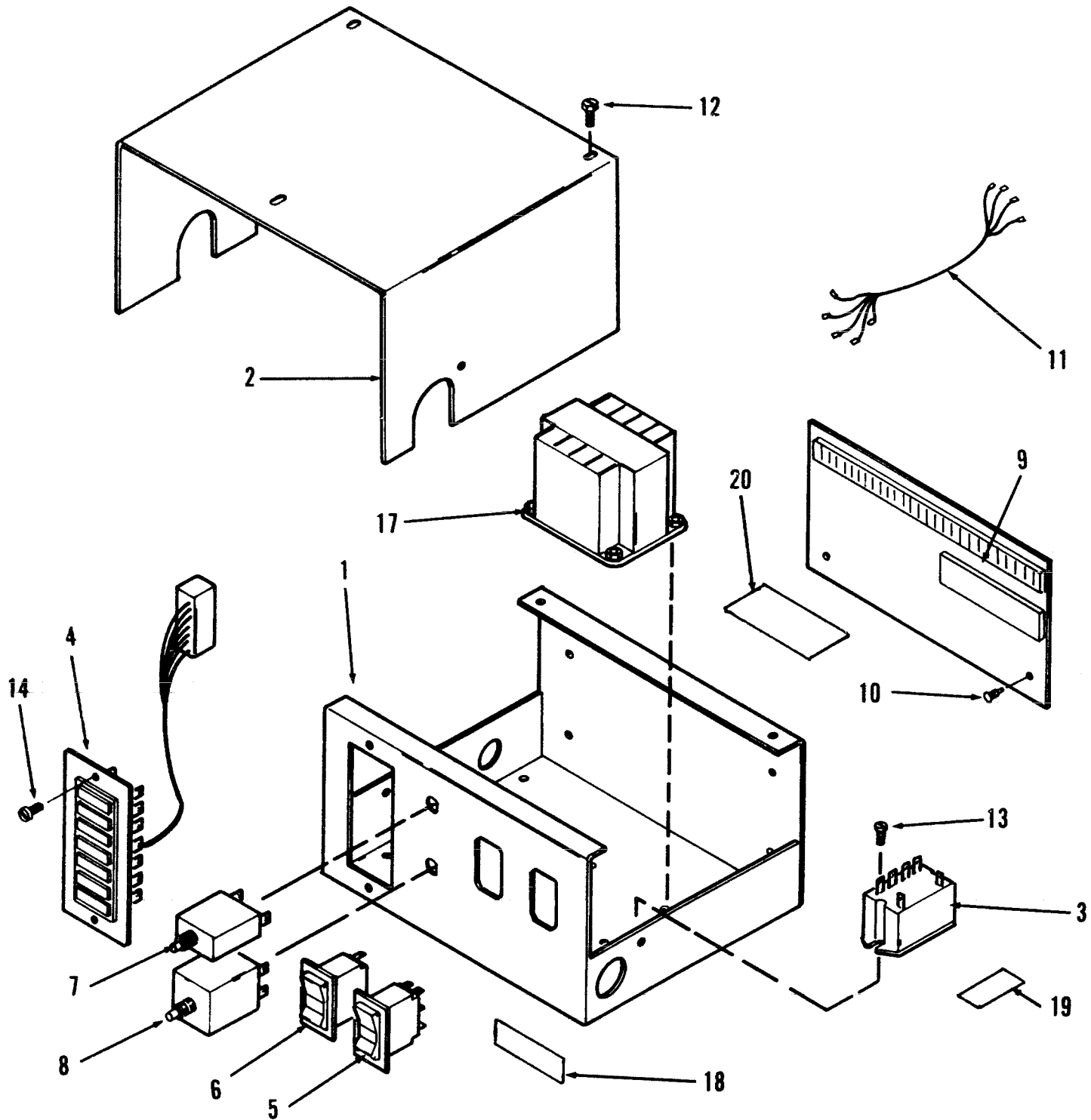
Day Tank With Pump And Control



Day Tank With Pump And Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0658	1	Tank, Dav (7.5 Gall)	14	503-0685	1	Clamp, Hose
2	415-0565-04	1	Gauge, Fuel	15	505-0172	1	Nipple, Close (2" x 2")
3	159-1208	1	Cap, Fuel	16	415-0566-04	1	Pipe, Fuel Tank
4	399-0117	1	Pump	17	502-0143	1	Adapter, Reducer (1/4" x 1/8")
5	159-1267	1	Bracket, Pump	18	505-0018	1	Bushing, Reducer (1/4" x 1/2")
6	821-0010	4	Screw, Head - Lock (1/4-20 x 1/2")	19	338-2397	1	Harness, Wiring
7	870-0212	8	Nut, Head - Lock (1/4-20)	20	338-2398	1	Harness, Wiring
8	503-1660-02	1	Hose, Fuel (Pump to Tank)	21	625-2141-01	1	Control (See Separate Page for Breakdown)
9	503-0183	2	Clamp, Hose	22	98-5387	1	Label, Danger
10	308-0913	1	Switch, 5 Float	23	821-0018	4	Screw, Head - Lock (1/4-20 x 5/8")
11	501-0496	1	Line, Fuel - Flex (Tank to Engine)	24	821-0031	1	Screw, Head - Lock (3/8-16 x 3/4")
12	501-0570	1	Line, Fuel - Flex (Fuel to Tank)	25	502-0054	1	Elbow, Street (1/4 x 90°)
13	502-0943	2	Connector, Hose				

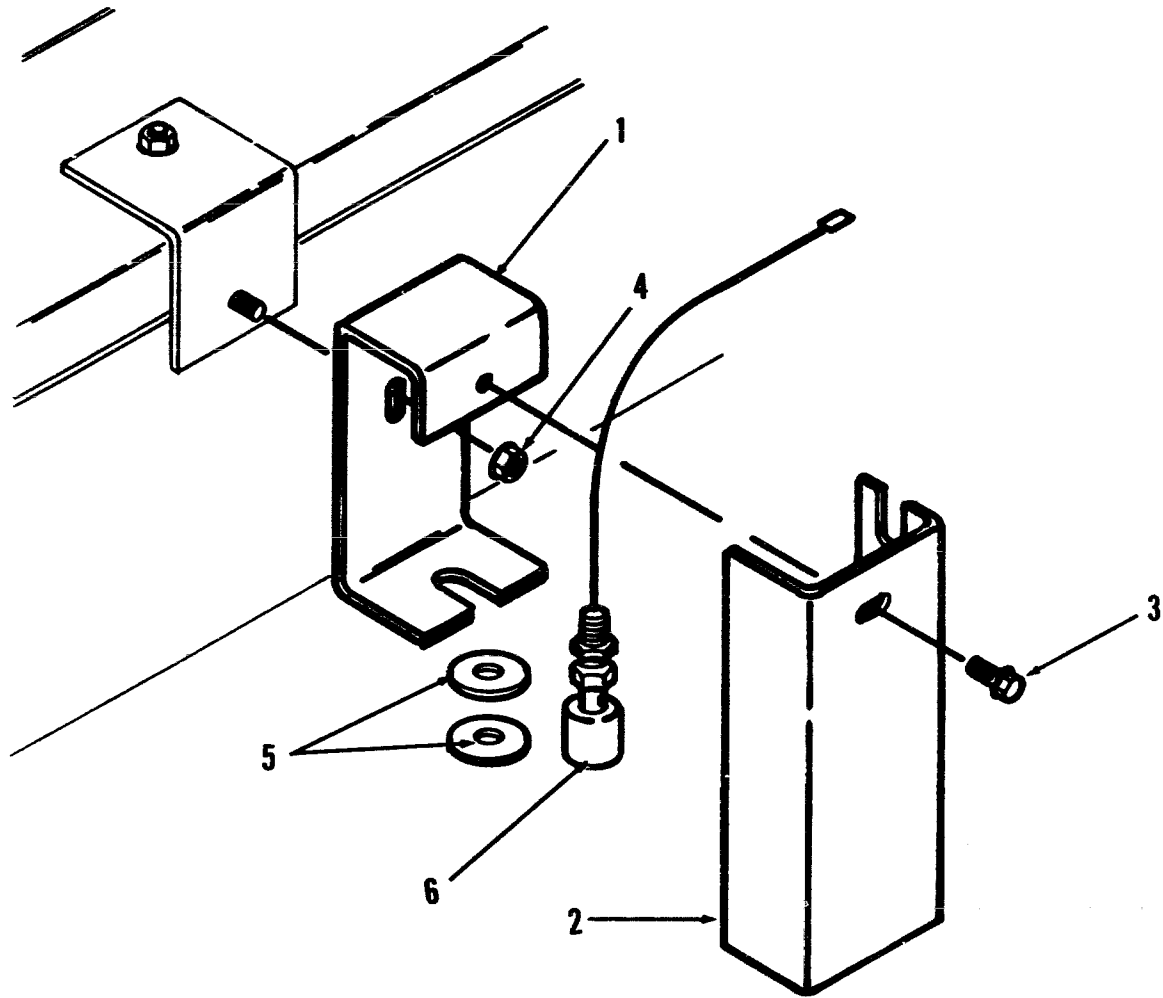
Control Box "Day Tank"



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-0486	1	Box, Control
2	319-0485	1	Cover, Control
3	307-2677-02	1	Relay, 2 PST
4	322-0403-02	1	Lamp Assembly, 7 Lite
5	308-0912	1	Switch, Rocker
6	308-0852	1	Switch, Rocker
7	320-1653	1	Breaker, Circuit - 1 Pole
8	320-1654	1	Breaker, Circuit - 2 Pole
9	300-3464	1	Circuit Board Assembly
10	870-0458	4	Spacer, PCB
11	338-2382	1	Harness, Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	815-0350	5	Screw, Head - Slotted Hex (10-32 x 3/8)
13	812-0075	2	Screw, Machine - Round Head (8-32 x 1/4)
14	815-0385	2	Screw, Machine - Round head (6-32 x 1/4)
17	315-0687	1	Transformer
18	98-5953	1	Label, Front Panel
19	98-5961	1	Label, PNL (Rear Front)
20	98-5955	1	Label, BOT Panel

Float Switch



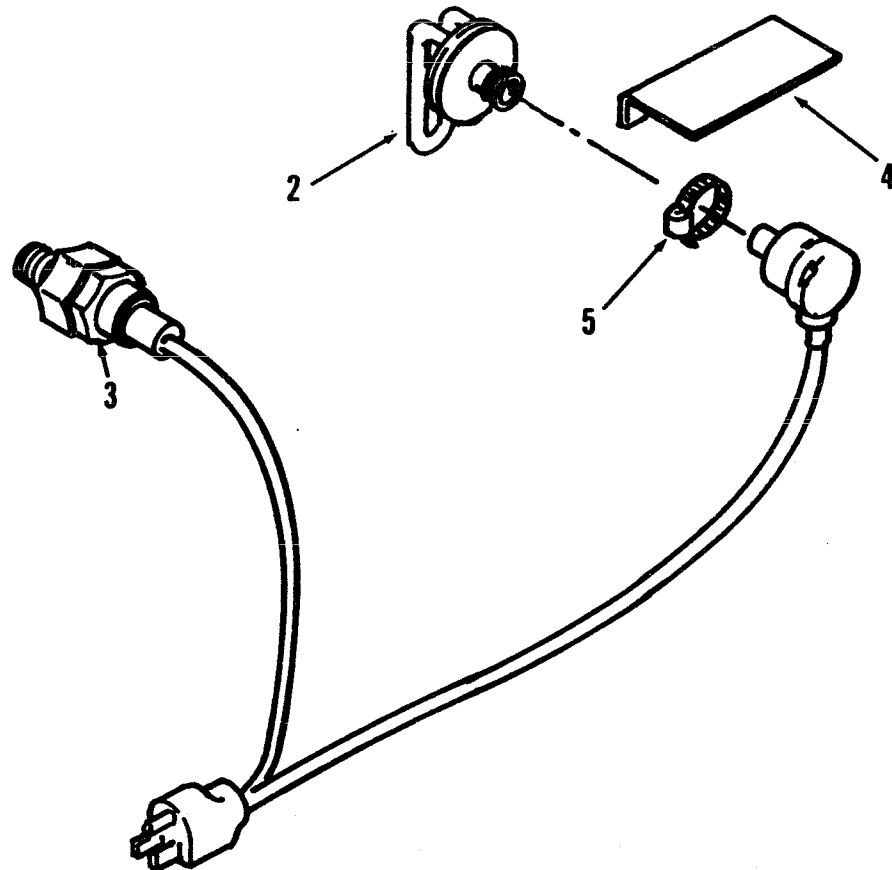
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-0490	1	Bracket, Switch	4	870-0212	1	Nut, Self-Locking (1/4-20 FLG)
2	319-0489	1	Cover, Switch	5	526-0029	1	Washer, Flat (3/8)
3	821-0010	1	Screw, Whizlock (1/4-20 x 1/2")	6	308-0916-01	1	Switch, Basin

C

C

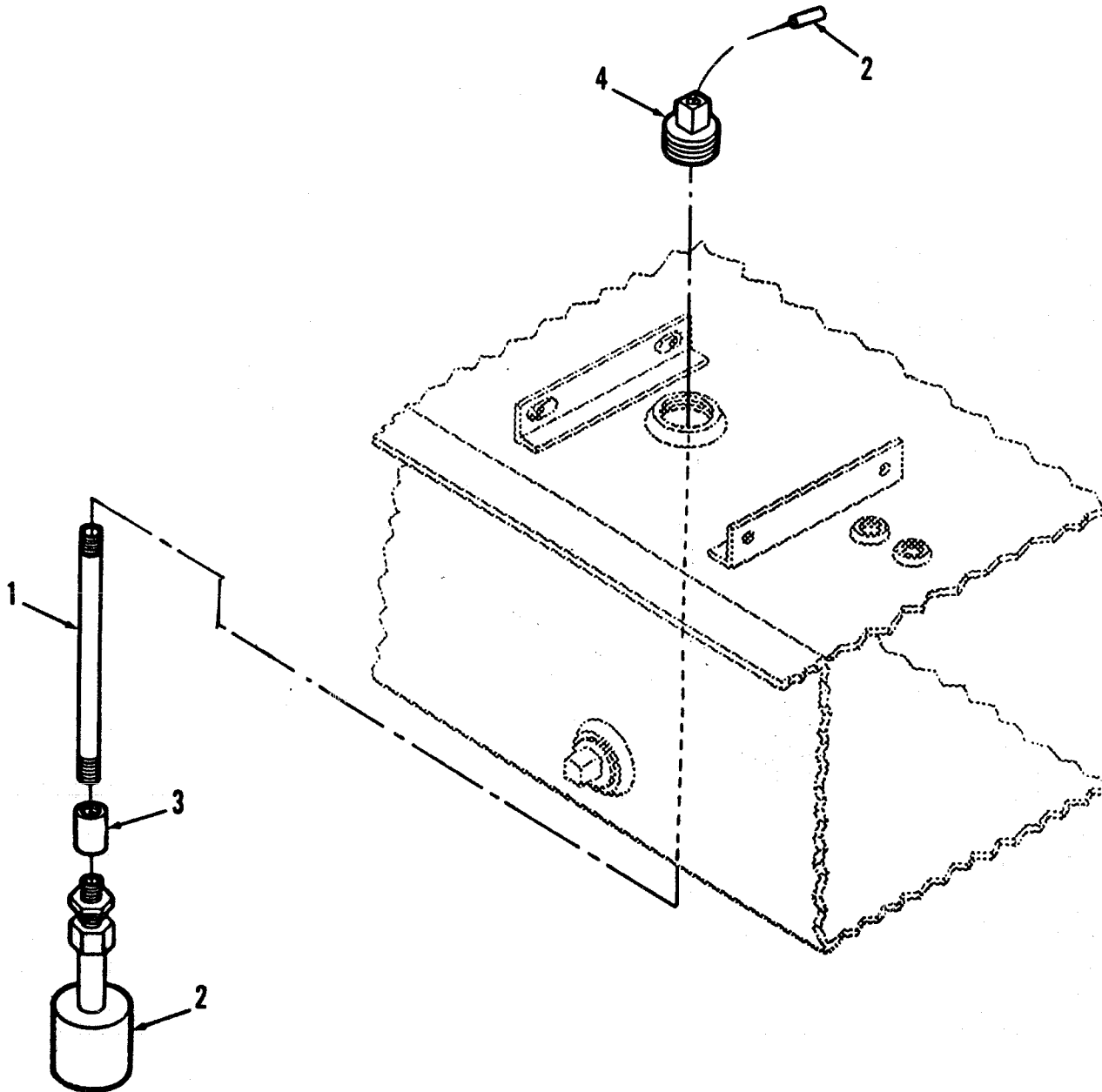
C

Engine Coolant Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Heater, Coolant - Engine (1500 Watt)	3	333-0478	1	Thermostat (1500W) 120 Volt AC, 240 Volt AC
	333-0506-01	1	120 Volt AC	4	154-2903	1	Shield, Heat
	333-0506-02	1	240 Volt AC	5	503-0189	1	Clamp

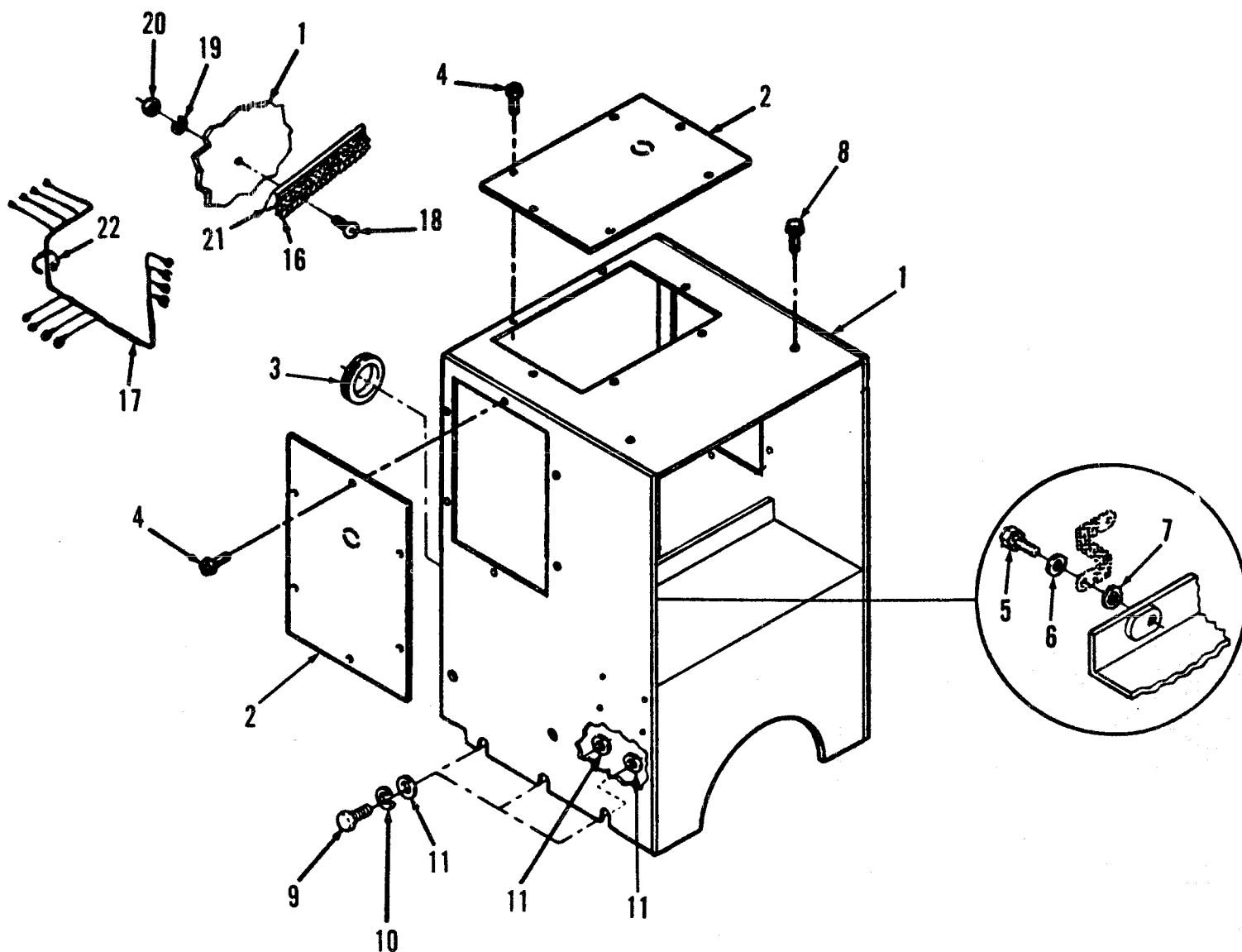
Low Fuel Alarm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	505-1458-03	1	Pipe. Nipple (1/8) Used on Fuel Tank (195 Gallons)

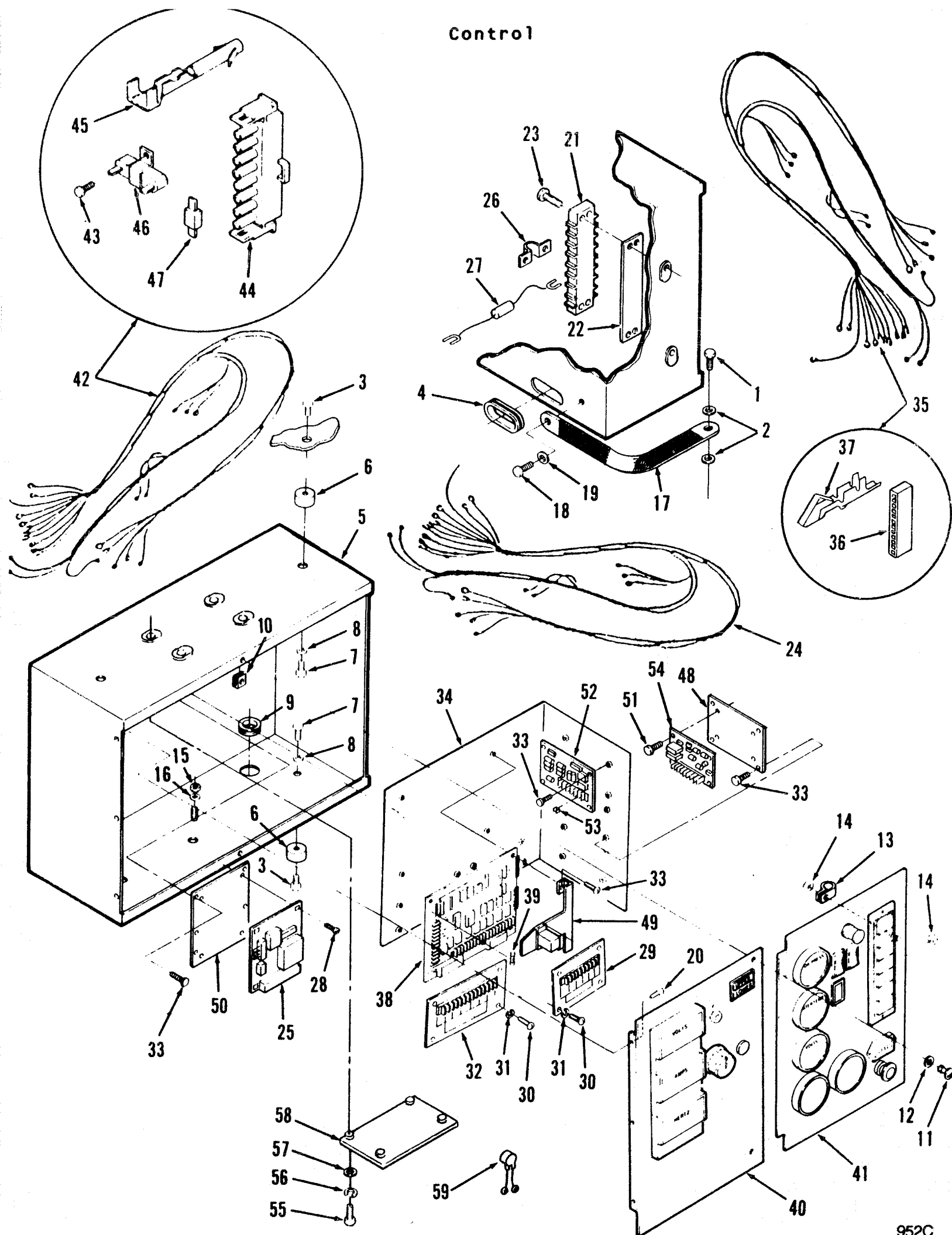
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	308-0963-01	1	Switch, Basin
3	505-0026	1	Coupling
4	505-1050	1	Plug, Pipe-Square Head

Control Housing



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1193	1	Box, Mounting - Control	10	850-2012	6	Washer, Lock-Spring (M12)
2	301-3156	3	Panel, Box - Control Mounting	11	526-2140	8	Washer, Flat (M12)
3	508-0051	1	Grommet	16	332-3107	1	Block, Terminal
4	815-0350	6	Screw, Machine - Hex Washer Head (Slotted) (#10-32 x .38")	17	338-2506	1	Harness, Wiring
5	821-0018	1	Screw, Cap - Locking Head (1/4-20 x .62")	18	812-0085	3	Screw, Machine - Round Head (#8-32 x 1-1/8")
6	526-0018	1	Washer, Flat (1/4)	19	850-0025	3	Washer, Lock - Spring (#8)
7	856-0006	1	Washer, Lock - EIT (1/4)	20	870-0221	3	Nut, Hex - Machine (#8-32)
8	821-0014	4	Screw, Cap - Locking Head (5/16-18 x 1/2")	21	232-3536	1	Base, Block - Terminal
9	800-2112	6	Screw, Cap - Hex Head (M12 x 1.75 x 30mm)	22	332-1445	4	Tie, Cable

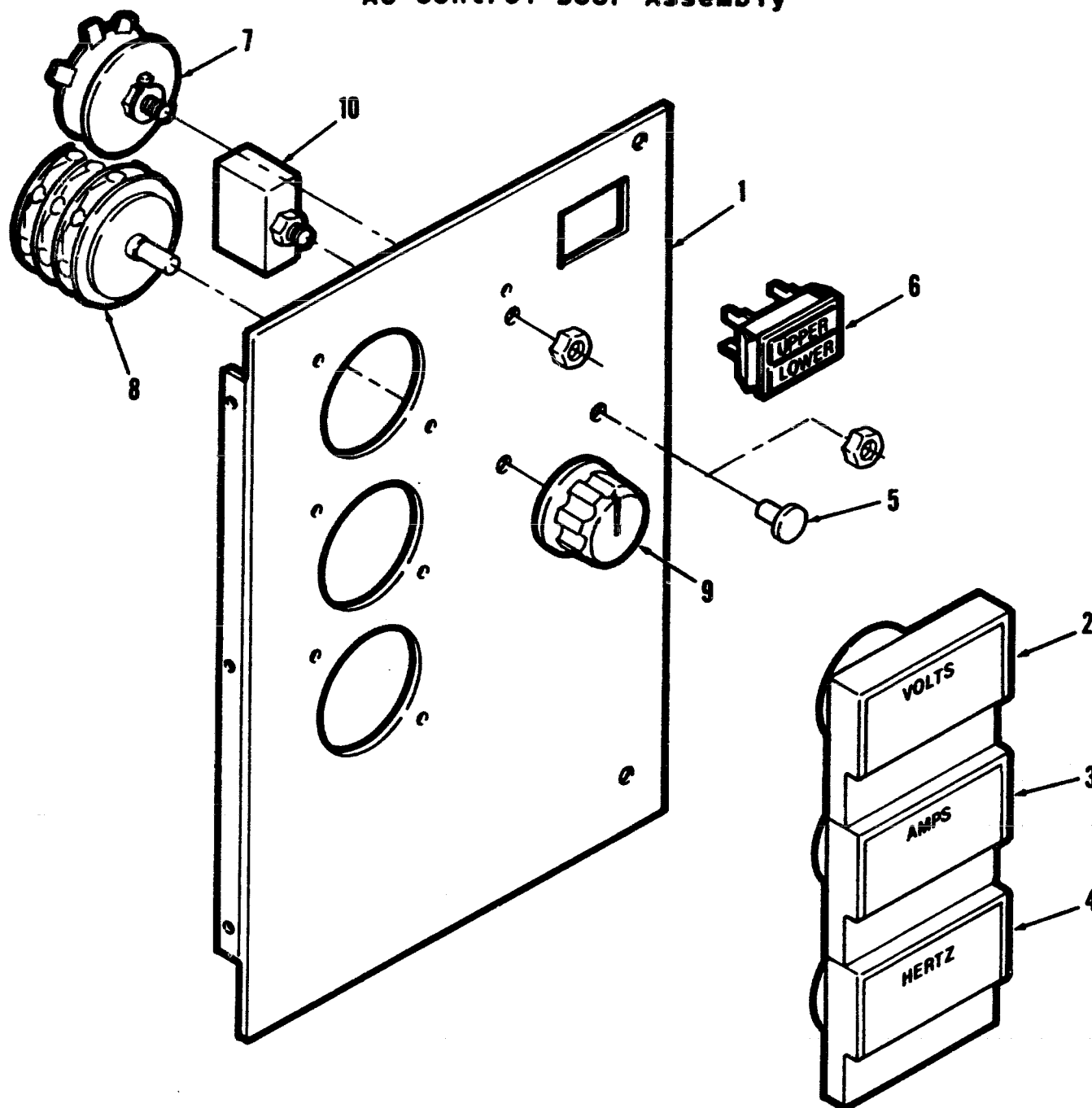
Control



Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0010	1	Screw, Locking - Hex Washer Head (1/4-20 x 1/2")	33	815-0544	16	Screw, Machine - Round Head - Cross Recessed With IT (#6-32 x 1/2")
2	856-0006	2	Washer, Lock - EIT (1/4")	34	301-8851	1	Bracket, Mounting
3	821-0014	4	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	35	338-2277	1	Harness, Wiring - DC (Includes Connector Housing and Contact Pins) (DC Door Assembly to Engine Monitor)
4	508-0051	1	Grommet (2" Hole)	36	323-1308	1	Housing, Connector - 12 Place (J4)
5	301-8065	1	Box, Control		323-1310	1	Housing, Connector - 13 Place (J3)
6	402-0527	4	Isolator, Vibration	37	323-1302	12	Pin, Contact
7	800-0045	4	Screw, Cap - Hex Head (5/16-18 x 3/8")	38			Monitor, Engine (Includes Fuses) (A11)
8	850-0045	4	Washer, Lock - Spring (5/16")		300-2810	1	7 Light Control
9	508-0001	1	Grommet (1-1/16" Hole)		300-2812	1	12 Light Control
10	406-0332	2	Receptacle, Fastener	39			Fuse
11	406-0333	2	Stud, Fastener		321-0270	2	20 Amp (F1, F2)
12	406-0334	2	Washer, Stud Retainer		321-0231	1	15 Amp (F3)
13	332-0052	2	Clip, Wire		321-0094	2	5 Amp (F4, F5)
14	870-0131	3	Nut, Hex - With ET (#10-32)	40	-	1	Door Assembly, Control - AC (See Separate Page for Components)
15	871-0015	1	Nut, Hex (1/4-20) Grounding Stud	41	-	1	Door Assembly, Control - DC (See Separate Page for Components)
16	853-0013	1	Washer, Lock - ET (1/4") Grounding Stud	42			Harness, Wiring - Engine to Control
17	337-0049	1	Strap, Ground		338-2626	1	Spec E-G (Includes Connector Housings and Sockets)
18	800-0024	1	Screw, Cap - Hex Head (5/16-18 x 1/2")		338-2935	1	Spec H (Includes Connector Housings, Sockets)
19	856-0008	1	Washer, Lock - EIT (5/16")	43	800-1003	1	Screw, Cap - Hex Head (1/4-20 x 1/2") Begin Spec F
20	821-0004	3	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	44			Housing, Connector
21	332-0607	1	Block, Terminal - 12 Place (TB21)		323-1304	1	6 Place (J2)
22	332-2723	1	Strip, Marker - 12 Place		323-1306	1	8 Place (J1)
23	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8")	45			Socket, Female
24			Harness, Wiring		323-1200	12	Spec E
	338-2278	1	AC Door Assembly to TB21 Terminal Block (Includes TB21 Terminal Block)	46	353-0094-01	11	Begin Spec F
	338-1835	1	Alarm Relay (8 Wire) (A13 to A11TB1 and TB2)	47	357-0030	1	Resistor (R1) Begin Spec F
	338-1836	1	Alarm Relay (5 Wire) (A14 to A11TB2)	48	319-0754	1	Rectifier (CR1) Begin Spec F
	338-1904	1	Time Delay Start/Stop (A15 to A11TB1)	49	-	1	Plate, Mounting
	338-2493	1	Electronic Overspeed (A16 to A11TB1-1, -5, -10 and AUX-P2,P3)				Relay, Run (See Separate Page for Components)
25			Regulator, Voltage (VR21)	50	319-0652	1	Plate, Mounting (Used With MX321 Voltage Regulator)
	305-0824	1	Used Without Permanent Magnet Exciter Generators (Model SX440) (Also available as Newage Part Number E000-24030)	51	812-0084	4	Screw, Machine - Round Head (#8-32 x 1")
	305-0823	1	Used With Permanent Magnet Exciter Generators (Model MX321)(Also Available as Newage Part Number E000-23210)	52			Board, Printed Circuit - Time Delay - Start/Stop/Preheat (A15)
					300-2899	1	Without Preheat
					300-2900	1	With Preheat
26	332-1043	1	Jumper, Terminal (TB21-22 to 21)	53	332-2957	1	Terminal, Tab (Double) (A15TB1-7)
27	350-1222	1	Resistor (TB21-32 to 26)	54	305-0818-02	1	Board, Printed Circuit - Electronic Overspeed (A16)
28	815-0540	4	Screw, Machine - Round Head - Cross Recessed with IT (#8-32 x 1")	55	813-0108	4	Screw, Machine - Round Head (#10-32 x 1-1/2")
29	300-2856	1	Board, Printed Circuit - Alarm Relay (12 Light Control) (A14)	56	850-0030	4	Washer, Lock - Spring (#10)
30	812-0063	8	Screw, Machine - Round Head (#6-32 x 1/2")	57	526-0008	4	Washer, Flat (#10)
31	853-0003	8	Washer, Lock - ET (#6)	58	305-0868	1	Transformer, Isolation (Also Available as Newage Part Number E000-22070) (T30)
32	300-2863	1	Board, Printed Circuit - Alarm Relay (7 and 12 Light Control) (A13)	59	355-0189	1	Capacitor

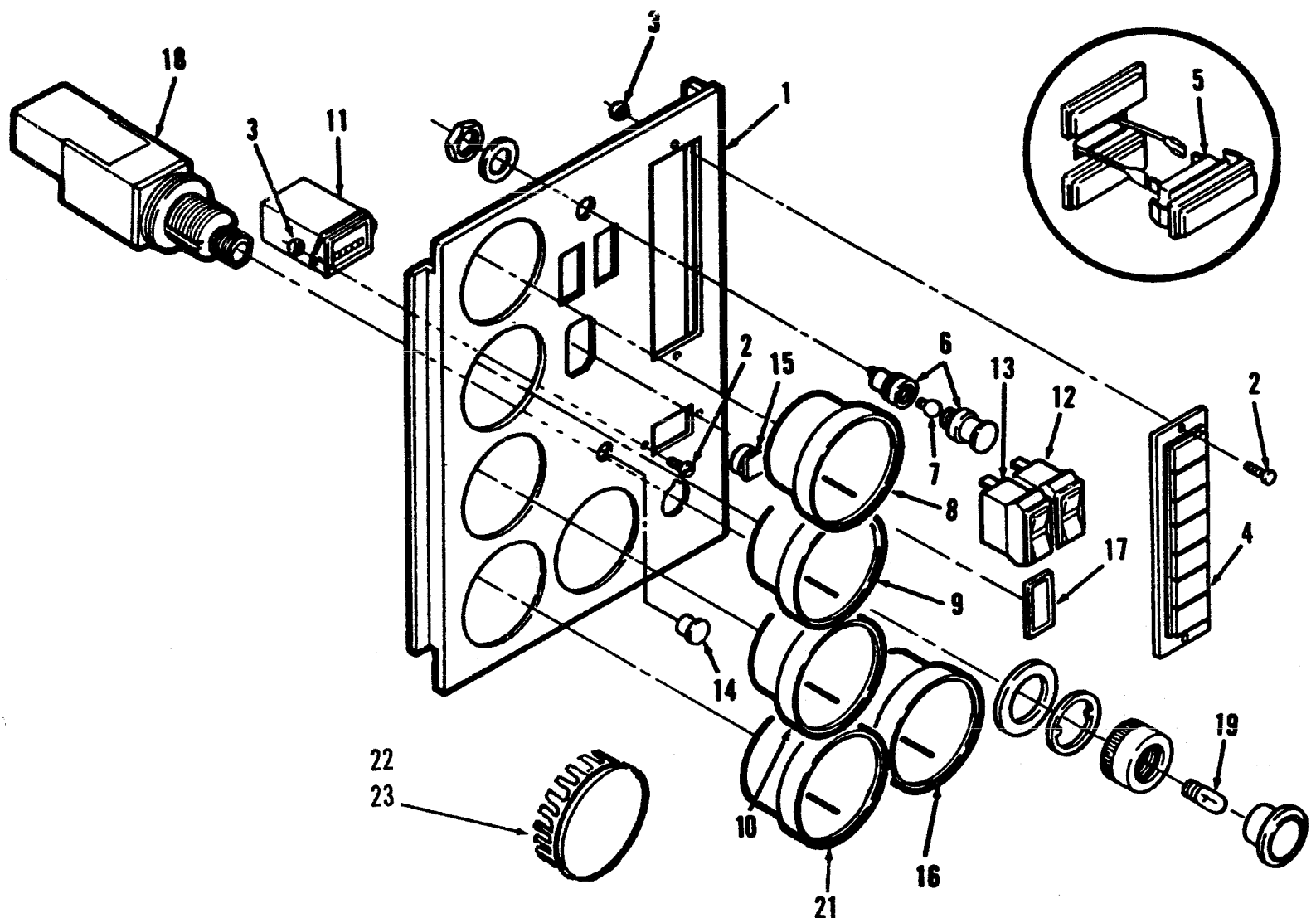
AC Control Door Assembly



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9054-03	1	Door, Control - AC Without Meter Holes
	301-9054-02	1	With Meter Holes
	301-9054-01	1	With Four Meter Holes
	301-9054-04	1	With Five Meter Holes
2	302-1148	1	Voltmeter (M21) 0-300/600
	302-1753	1	0-750
3	302-1685	1	Ammeter (M22) 0-200/400
	302-1724	1	0-250/500
	302-1725	1	0-375/750
4	302-1720	1	Meter, Frequency (M23)
5	517-0131	1	Plug. Hole (3/8" Hole)

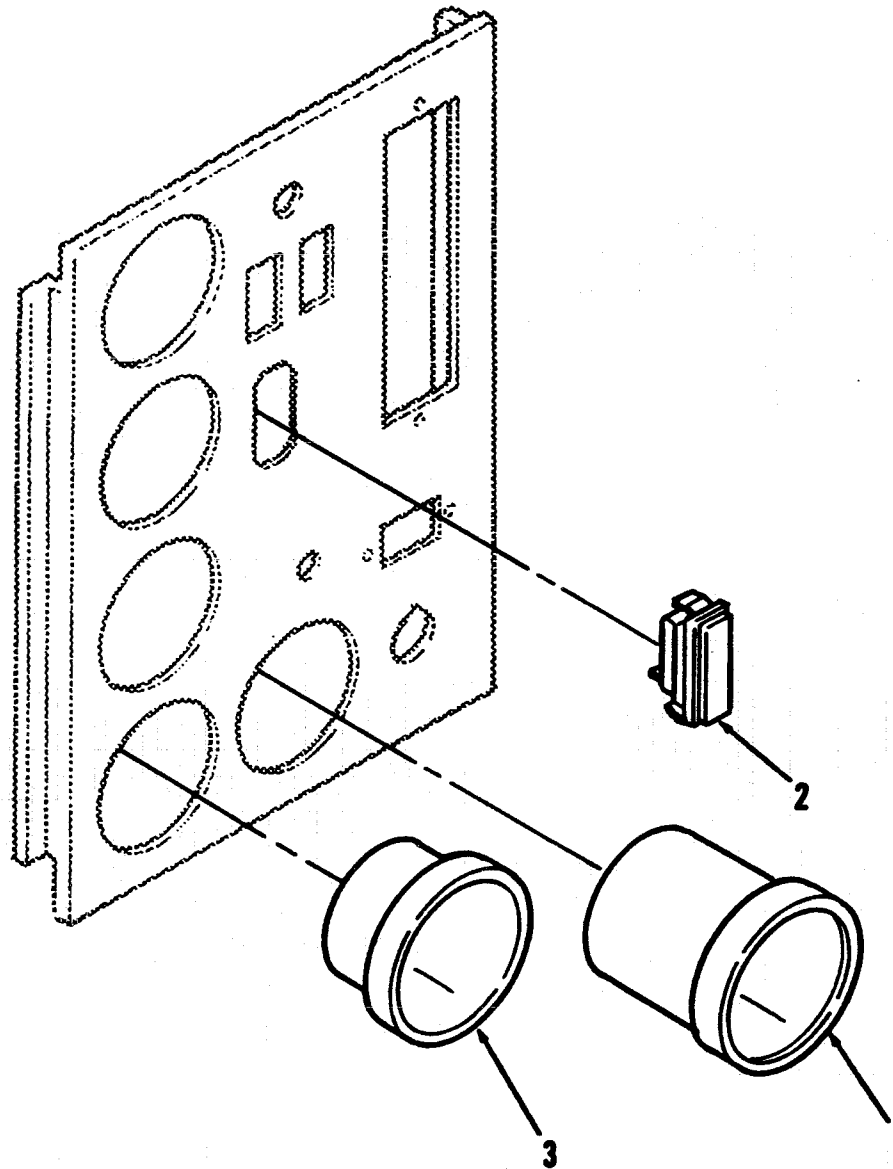
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21, DS22)
7	303-0261	1	Potentiometer, Adjust - Voltage (R21) 1.5K Ohms (Used with Model SX440 Voltage Regulator) (Non-PMG Generator)
8	308-0882	1	Switch, Rotary - Voltmeter/Ammeter (Knob Not Included) (S21)
9	303-0032	1	Knob, Switch - Rotary Breaker, Circuit (CB21)
10	320-1688-01	1	Without Auxiliary Contact
	320-1688-02	1	With Auxiliary Contact

DC Control Door Assembly



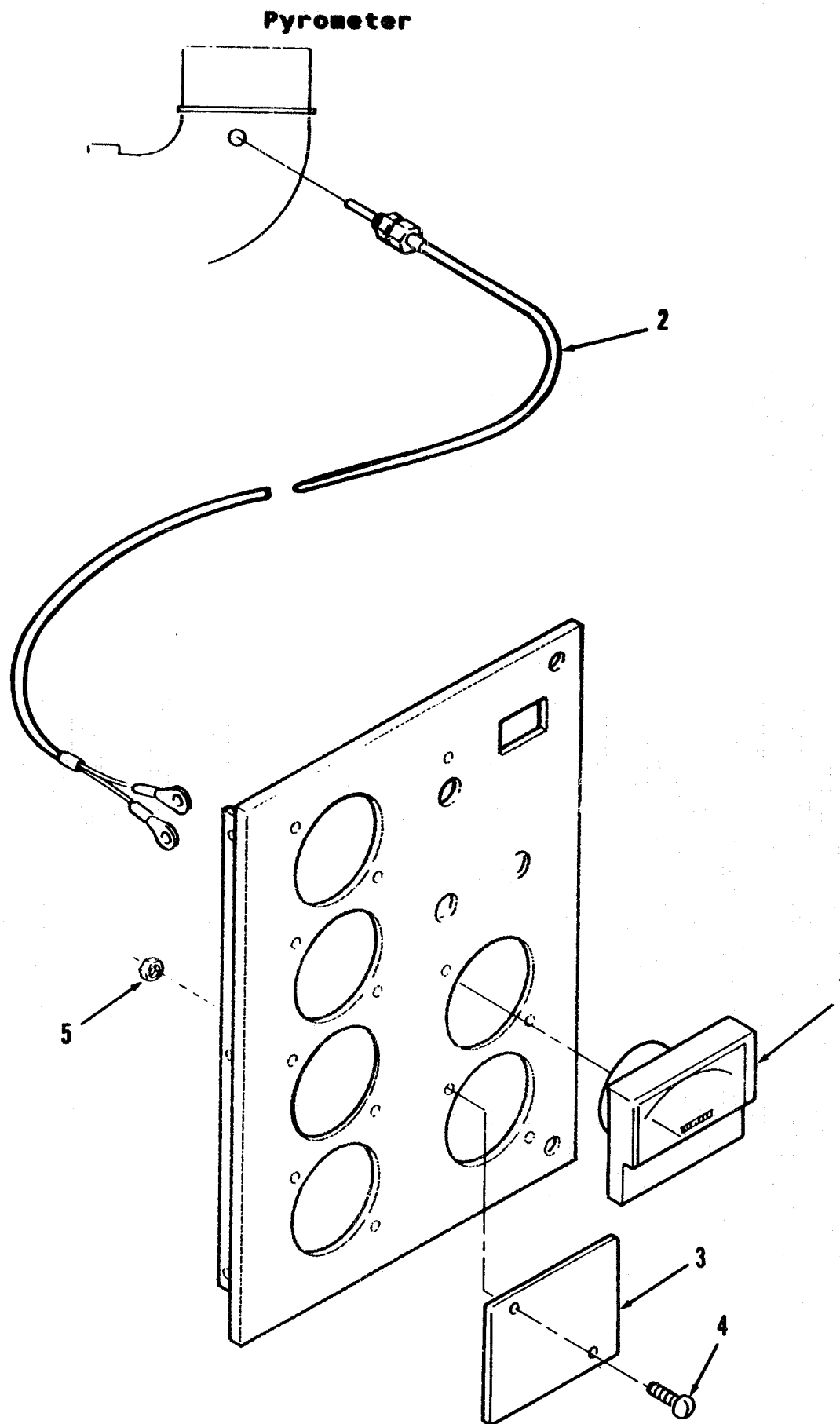
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9055-02	1	Door, Control - DC	11	302-0885	1	Meter, Time Totalizing (M14)
	301-9055-01	1	Doors With Three Gauge Holes	12	308-0785	1	Switch, Rocker - Restart/ Panel Light (S11)
2	815-0385	4	Doors With Five Gauge Holes	13	308-0784	1	Switch, Rocker - Run/Stop/ Remote (S12)
3	870-0183	4	Screw, Machine - Round Head (#6-32 x 1/2")	14	517-0131	1	Plug, Hole (3/8" Hole)
4			Nut, Hex - With ET (#6-32)	15	193-0250	3	Resistor (Mounted on Oil Pressure, Oil Temperature Gauges, and Water Temperature Gauges (R11,R12,R13)
	322-0358-02	1	Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	16	302-1723	1	Ammeter - Blank Scale
	322-0360-02	1	2 Light Assembly	17	301-6257	1	Switch - Blank
5	322-0369-02	1	12 Light Assembly	18	308-0853	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)
6	322-0361	1	Light, Indicator - Replacement	19	322-0223	1	Bulb, Pushbutton Switch - Replacement
7	322-0017	1	Light, Panel (DS11)	21	193-0435	1	Gauge, Oil Temperature
			Bulb, Panel Light - Replacement	22	517-0137	1	Plug, Dot Button (7/8" Hole)
8	193-0352	1	Replacement	23	517-0131	1	Plug, Dot Button (3/8" Hole)
9	193-0351	1	Gauge, Oil Pressure (M11)				
10	302-1642	1	Gauge, Water Temperature (M12)				
			Voltmeter (M13)				

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

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	302-1723	1	Ammeter. Blank Scale

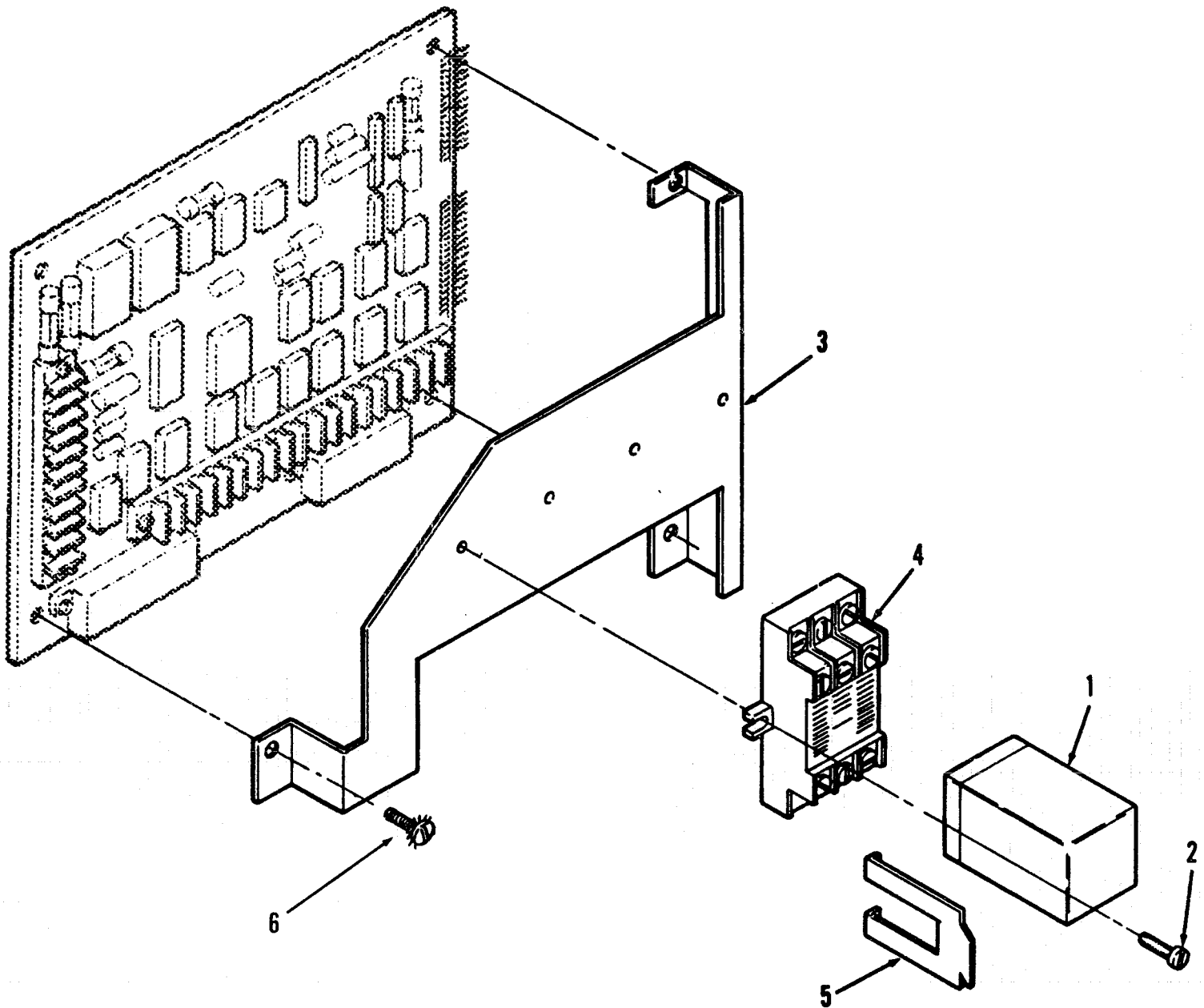


929A

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1874	1	Pyrometer (M26)
2	193-0299	1	Lead, Thermocouple
3	301-9993	2	Plate, Cover

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	815-0385	4	Screw, Machine - Round Head (#6-32 x 1/2")
5	870-0183	4	Nut, Hex - With ET (#6-32)

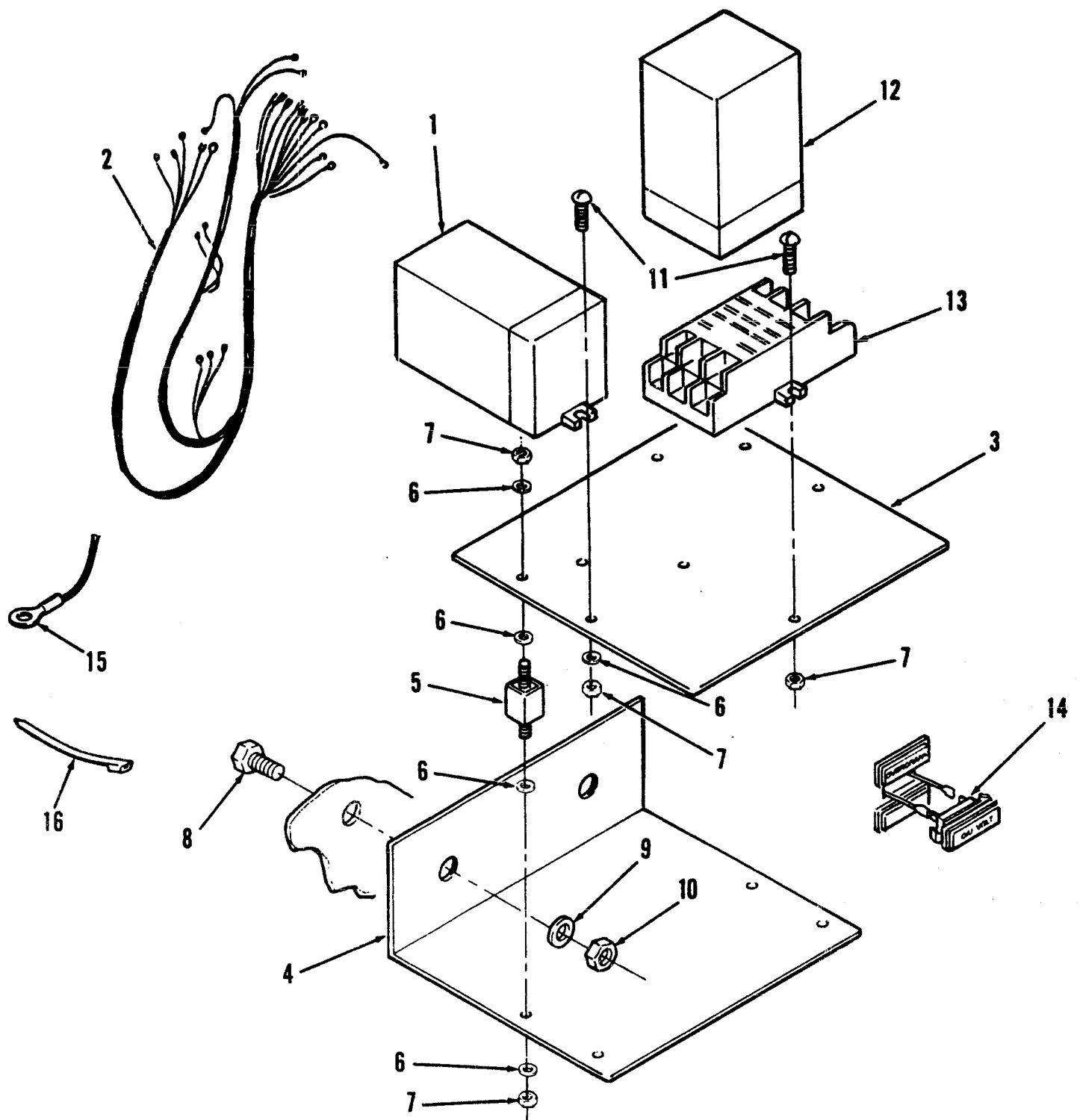
Run Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-1056	3	Relay, Run (K11)
2	815-0388	6	Screw, Pan Head - Cross Recessed Thread (#6-32 x 1/2")
3	319-0447	1	Bracket, Mounting - Relay

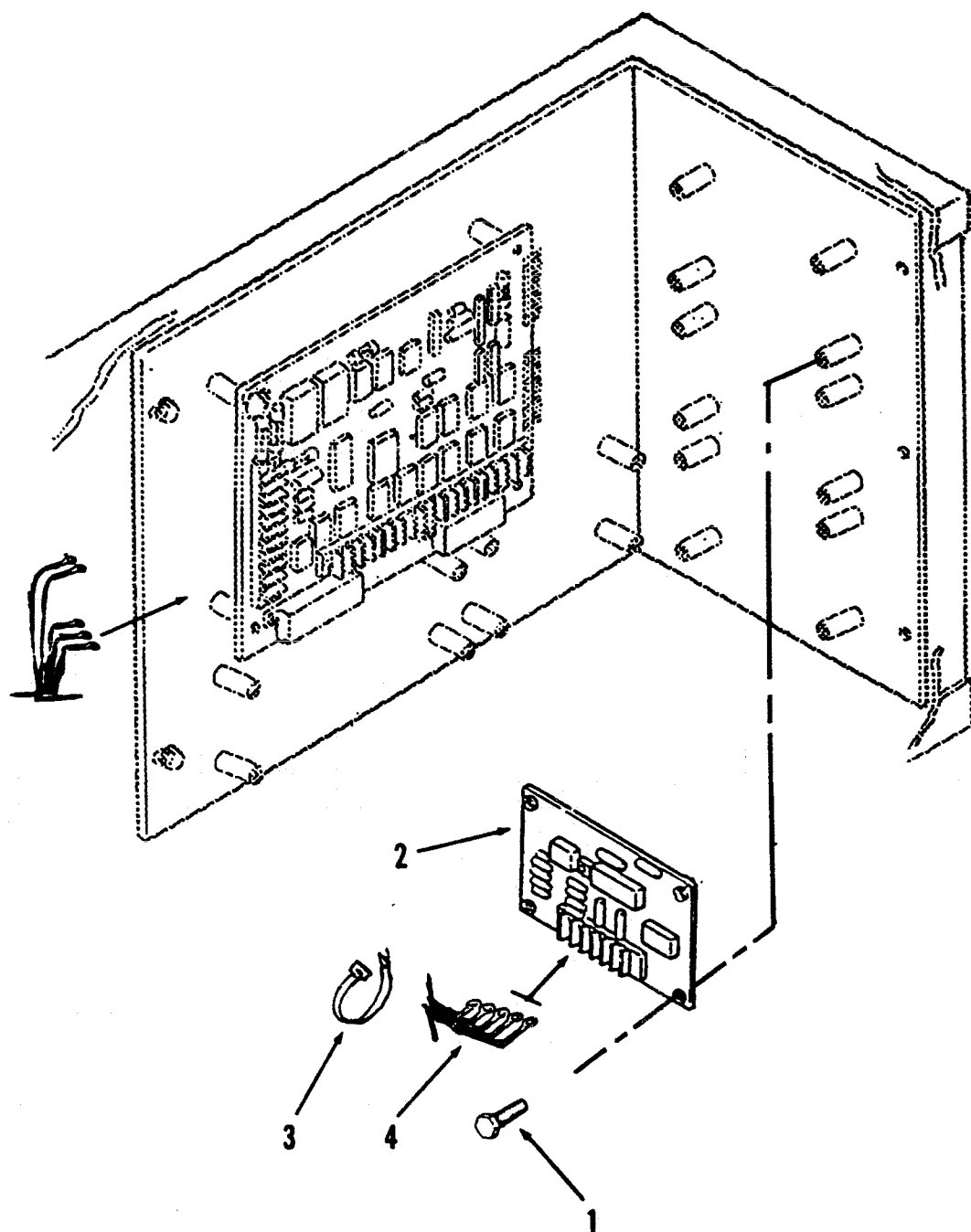
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	323-0804	3	Socket, Relay
5	307-1987	6	Holdown, Relay
6	815-0544	3	Screw, Machine - Round Head with II Lock Washer (#6-32 x 1/2")

Over/Under Voltage Relay



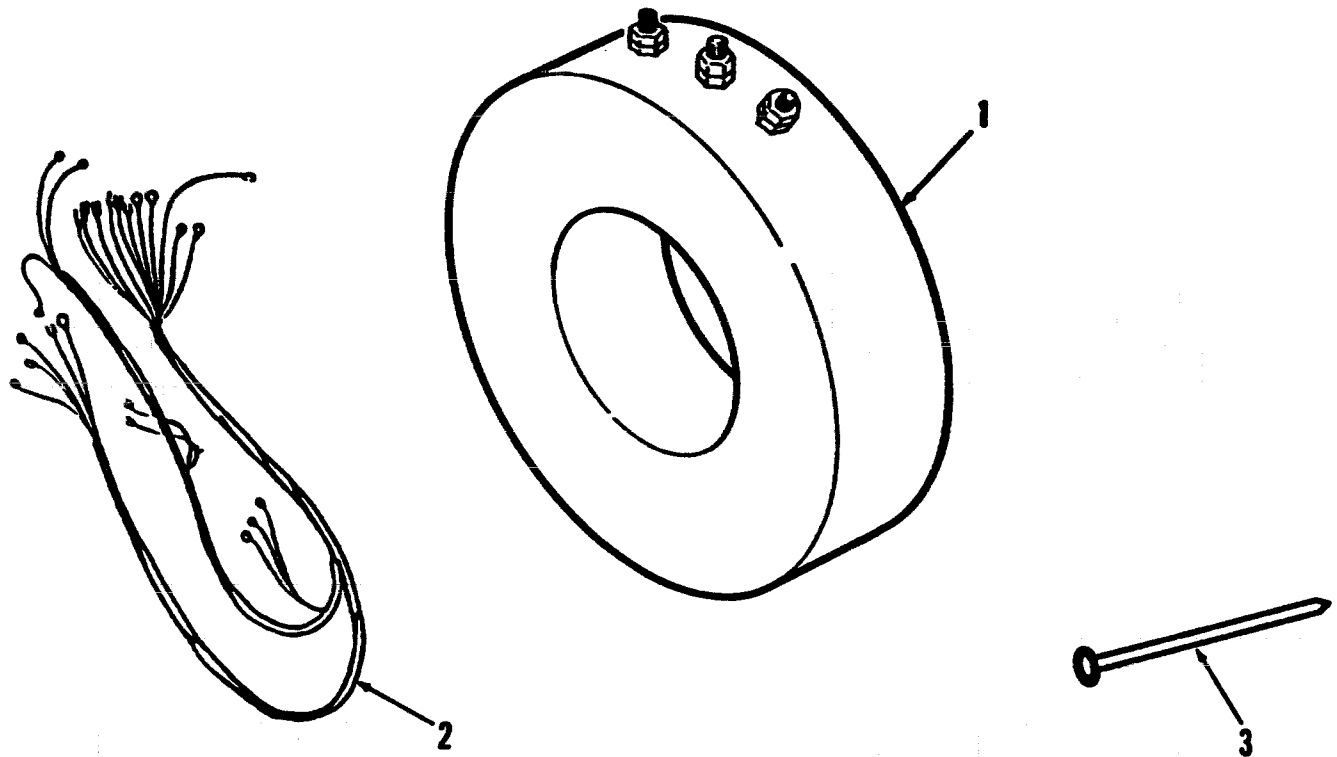
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2552	1	Relay, Voltage - Over/Under (120VAC) (A17)	9	850-0045	2	Washer, Lock - Spring (5/16")
2	338-2123	1	Harness, Wiring - Over/Under Voltage	10	862-0014	2	Nut, Hex (5/16-18)
3	301-9933	1	Plate, Mounting - Relay	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

Time Delay Start/Stop Module



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0544	4	Screw, Cap - Hex Head with ET Lockwasher (#6-32 x 1/2")	3	332-1445	3	Tie, Cable
2	300-2899	1	Module, Start/Stop - Time Delay - 24 VDC, A15 (5 Relays)	4	338-1904	1	Harness, Wiring (A15 to A11)

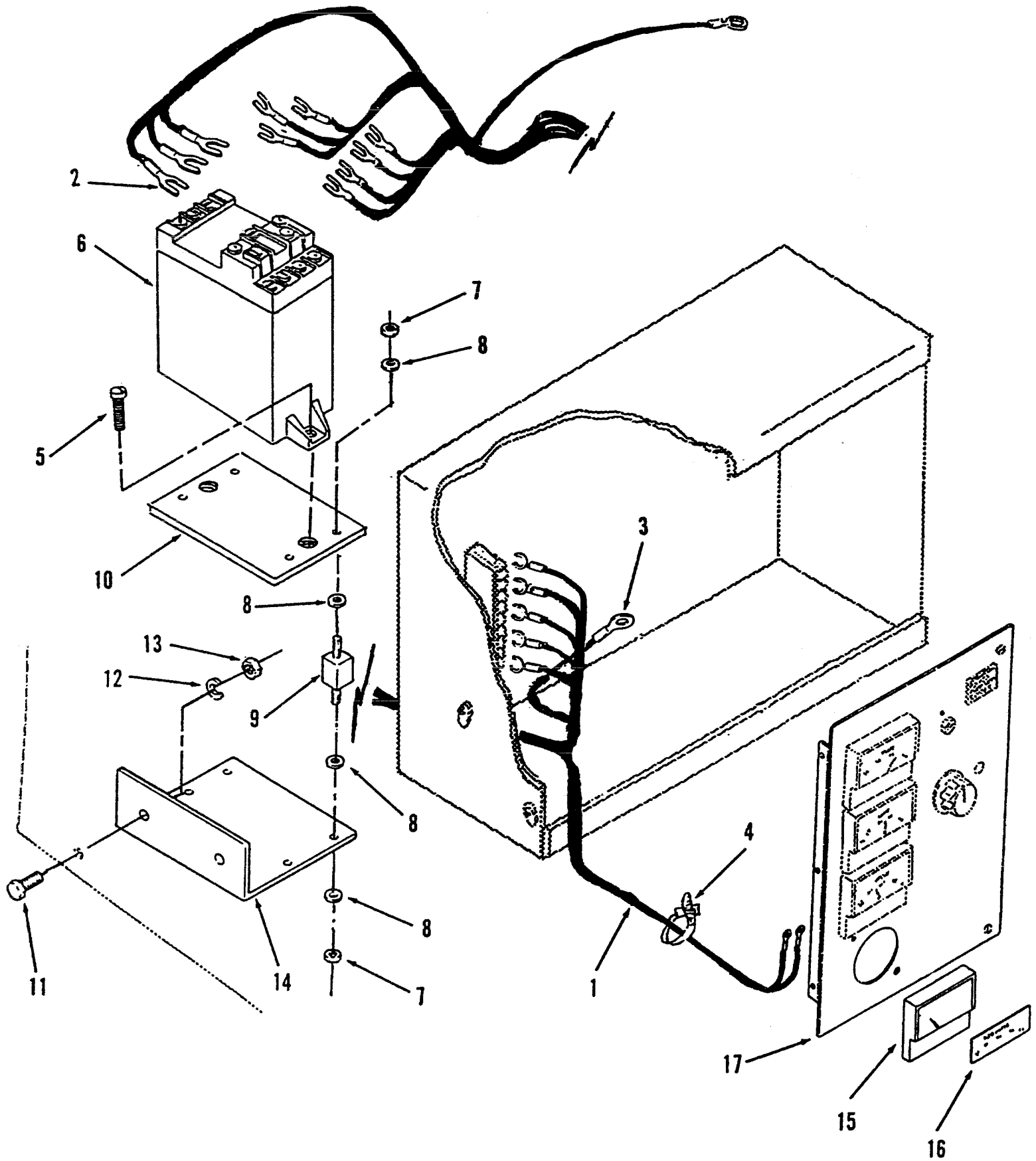
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current
	302-1845-06	3	Ratio 200/5: 400/5
	302-1845-07	3	Ratio 250/5: 500/5
	302-1845-08	3	Ratio 375/5: 750/5

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	338-2229	1	Harness, Wiring
3	332-1389	6	Tie, Wire

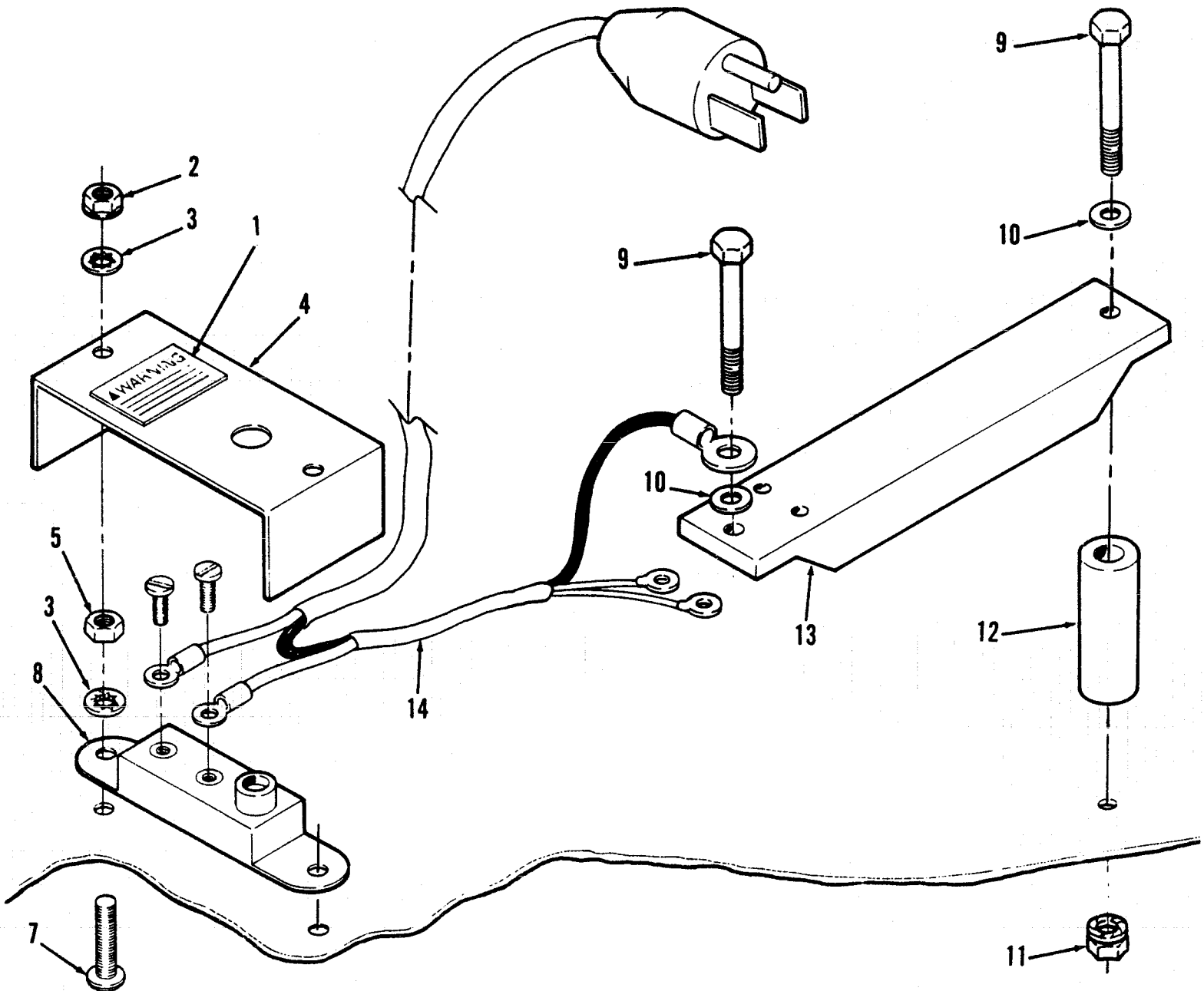
Wattmeter



Wattmeter

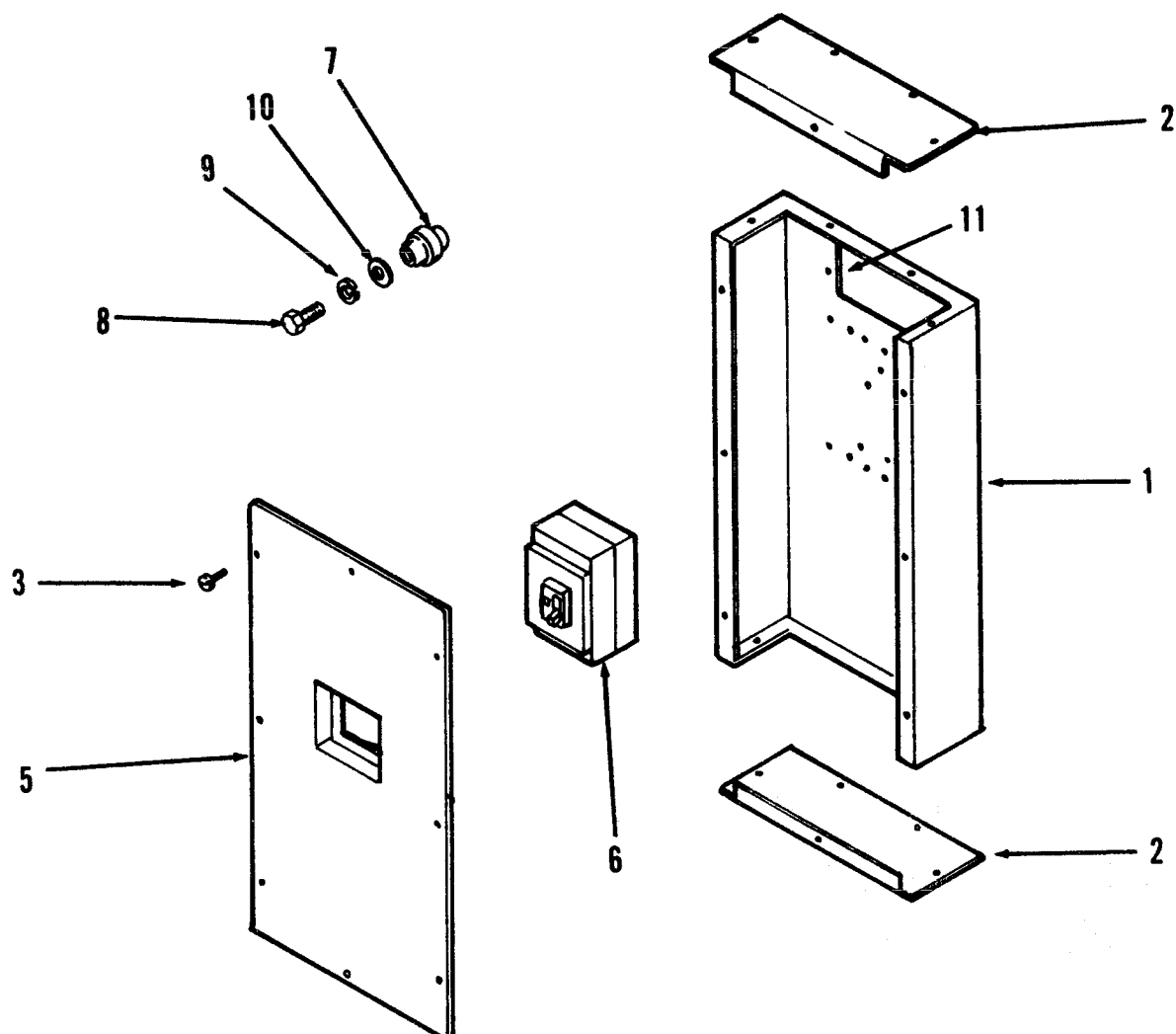
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness. Wiring	7	860-0008	8	Nut, Hex (#8-21)
	338-1936	1	Three Phase "WYE" Connected Generators	8	856-0002	16	Washer, Lock - EIT (#8)
	338-2479	1	Three Phase "DELTA" Connected Generators	9	402-0354	4	Mount, Shock
	338-2478	1	Single Phase Connected Generators 120/240 VAC	10	319-0030	1	Plate, Support - Transducer
2	332-1279	11	Terminal, Lug - Forked (For No. 6 Screw Mounting)	11	821-0017	2	Screw, Self-Locking - HWH (5/16-18 x 1/2")
3	332-0897	4	Terminal, Lug - Ring (1/4" Screw Mounting)	12	850-0045	2	Washer, Lock-Spring (5/16")
4	332-0942	14	Tie, Cable	13	862-0014	2	Nut, Hex (5/16-18)
5	813-0102	2	Screw, Machine - Round Head (#10-32 x 5/8")	14	301-6987	1	Bracket, Mounting
6			Transducer Watt	15	302-1722	1	Dial, Wattmeter (Less Dial)
	302-1833-01	1	Three Phase "WYE" Connected Generators	16			Dial, Wattmeter
	302-1833-05	1	Three Phase "DELTA" Connected Generators		302-1721-03	1	Scale 0-70 kW
	302-1833-04	1	Single Phase, Connected Generators 120/240 VAC		302-1721-04	1	Scale 0-90 kW
					302-1721-06	1	Scale 0-160 kW
					302-1721-08	1	Scale 0-200 kW
				17	301-9054-01	1	Panel, Control

Control Space Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-3232	1	Decal, Warning (Shock Hazard)	10	526-0113	2	Washer, Flat (5/16")
2	870-0183	2	Nut, Self-Locking - Hex (#6-32)	11	870-0257	2	Nut, Self-Locking - Hex (5/16-18)
3	854-0006	4	Washer, Lock - IT (#6)	12	130-1107	2	Spacer
4	301-1886	1	Cover	13	333-0151	1	Heater, Electrical 75 Watt, 120 VAC
5	860-0006	2	Nut, Hex (#6-32)		333-0378	1	300 Watt, 120 VAC
7	812-0070	2	Screw, Machine - Round Head (#6-32 x 1-1/4")	14	335-0161	1	Cable, Electrical, 120 VAC
8	309-0128	1	Thermostat - Adjustable				
9	800-0034	2	Screw, Cap - Hex Head (5/16-18 x 2-1/4")				

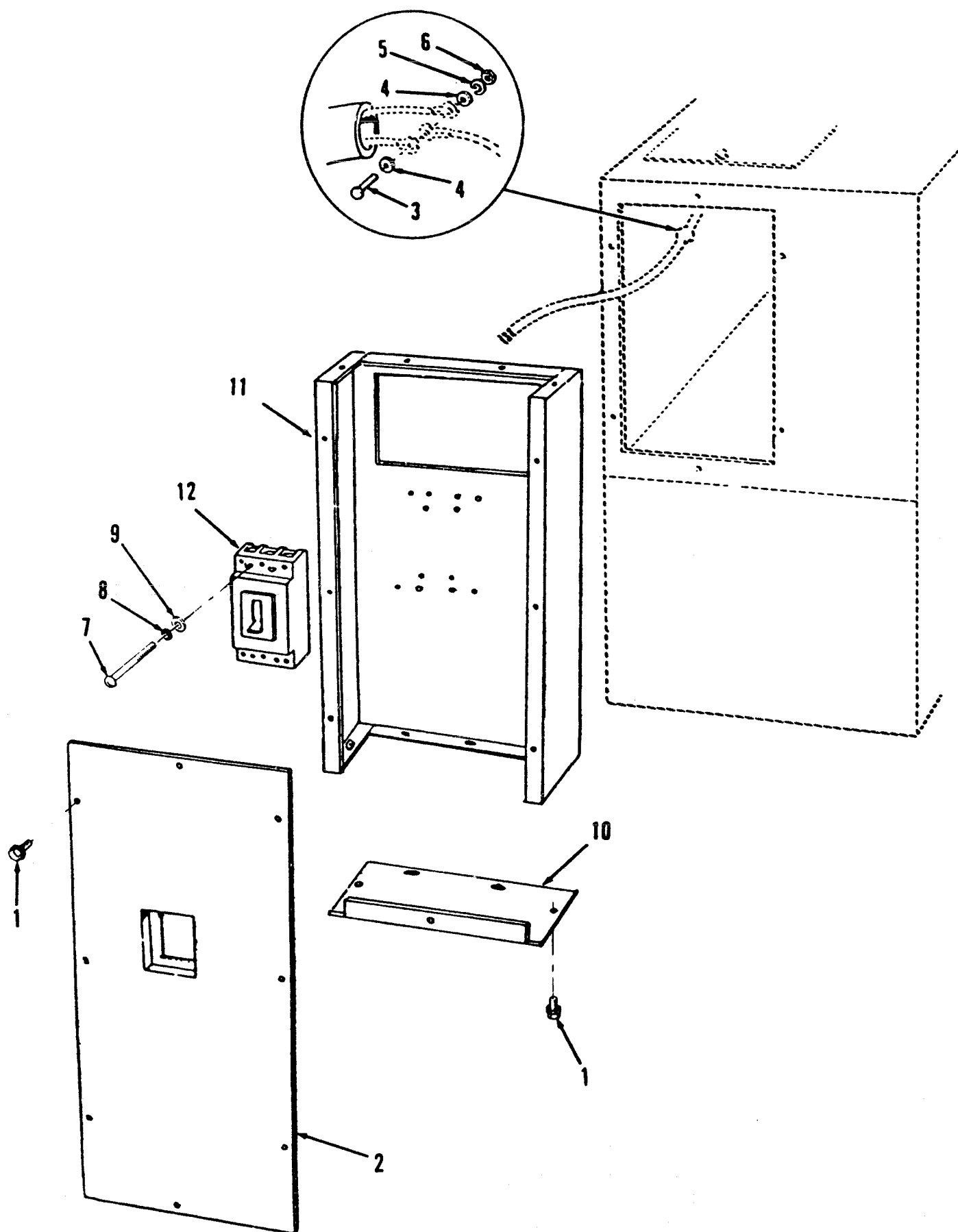
Circuit Breaker



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1332	1	Box, Circuit Breaker
2	319-1333	2	Panel, Circuit Breaker Box
3	821-0010	8	Screw (1/4-20 x 1/2")
5			Cover, Box
	319-1335	1	160, 200, 250 Amp
	319-1330	1	320 and 400 Amp
	319-1331	1	500 and 630 Amp
6			Circuit Breaker
	320-1725-06	1	660 Volt, 3 Pole, 160 Amp
	320-1726-06	1	660 Volt, 3 Pole, 200 Amp
	320-1726-07	1	750 Volt, 3 Pole, 250 Amp
	320-1727-02	1	750 Volt, 3 Pole, 320 Amp
	320-1727-03	1	750 Volt, 3 Pole, 400 Amp
	320-1728-02	1	750 Volt, 3 Pole, 500 Amp
	320-1728-03	1	750 Volt, 3 Pole, 630 Amp
	320-1725-12	1	660 Volt, 4 Pole, 160 Amp
	320-1726-13	1	660 Volt, 4 Pole, 200 Amp
	320-1726-14	1	750 Volt, 4 Pole, 250 Amp
	320-1727-05	1	750 Volt, 4 Pole, 320 Amp
	320-1727-06	1	750 Volt, 4 Pole, 400 Amp
	320-1728-04	1	750 Volt, 4 Pole, 500 Amp
	320-1728-05	1	750 Volt, 4 Pole, 630 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	332-2744-07	1	Standoff, Insulator
8	800-0050	2	Screw (3/8-16 x 1")
9	850-0050	2	Washer, Lock (3/8")
10	526-0029	2	Washer, Flat (3/8")
11	508-0239	1	Edging

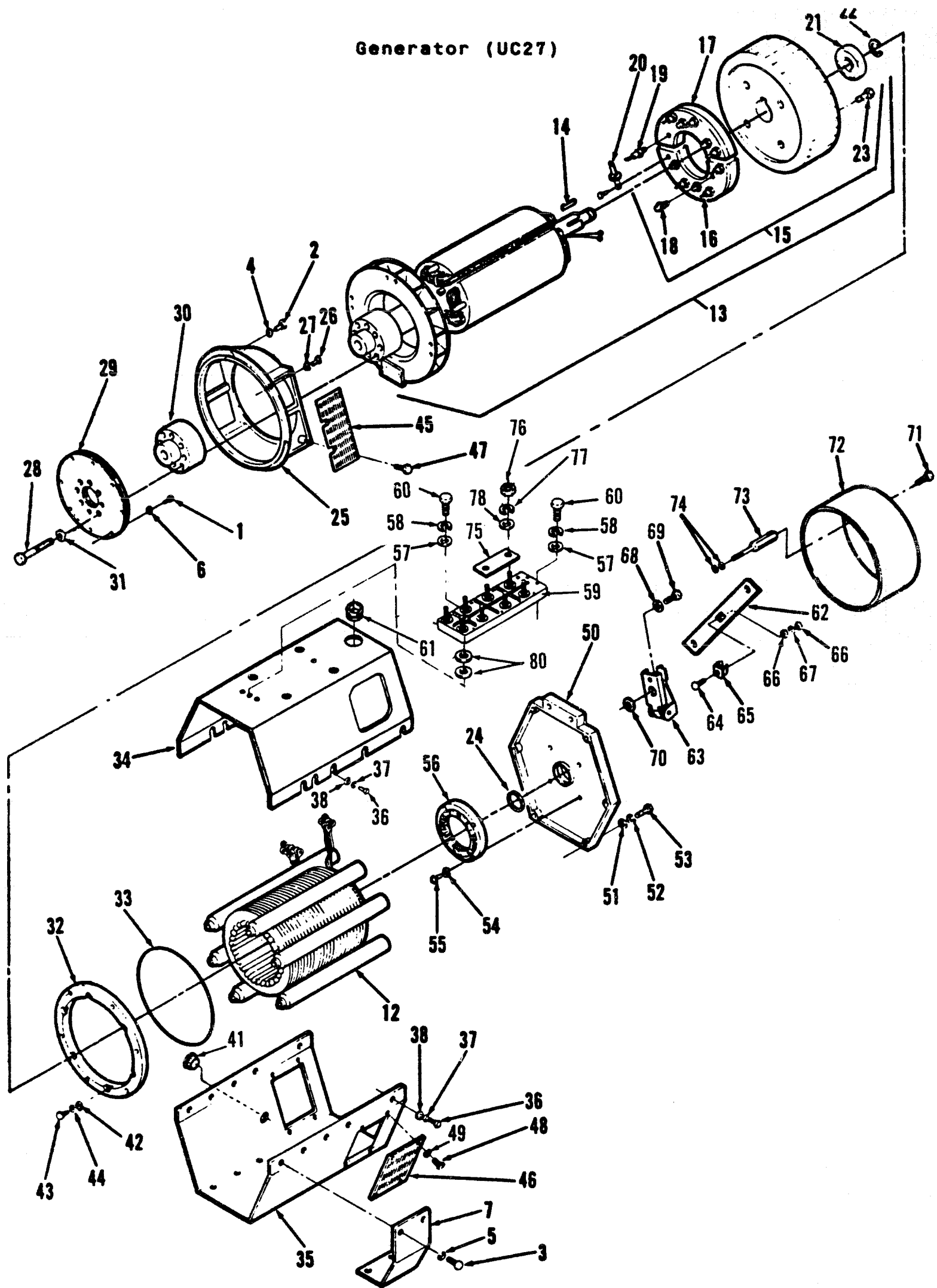
Circuit Breaker



Circuit Breaker

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0010	13	Screw, Cap - Self-Locking (1/4-20 x 1/2")				Shunt Trip
2	301-9892	1	Cover	320-1471-09	1	600 Volt, 3 Pole, 200 Amp	
3	800-0028	5	Screw, Cap - Hex Head (5/16-18 x 1")	320-1471-10	1	600 Volt, 3 Pole, 225 Amp	
4	526-0022	5	Washer, Flat (5/16")	320-1472-06	1	600 Volt, 3 Pole, 250 Amp	
5	850-0045	5	Washer, Lock - Spring (5/16")	320-1472-07	1	600 Volt, 3 Pole, 300 Amp	
6	862-0015	5	Nut, Hex (5/16-18)	320-1472-08	1	600 Volt, 3 Pole, 350 Amp	
7			Screw, Machine - Round Head	320-1472-09	1	600 Volt, 3 Pole, 400 Amp	
	812-0157	4	1/4-20 x 1-3/4" - 250 Amp and Above	320-1472-10	1	600 Volt, 3 Pole, 450 Amp	
	813-0118	4	#8 x 1-3/4" - 200 and 225 Amp	320-1472-11	1	600 Volt, 3 Pole, 500 Amp	
8			Washer, Lock - Spring	320-1472-12	1	600 Volt, 3 Pole, 600 Amp	
	850-0040	4	1/4" 250 Amp and Above	320-1557-66	1	240 Volt, 3 Pole, 400 Amp	
	850-0025	4	#8 - 200 and 225 Amp			Auxiliary Contact	
9	526-0108	4	Washer, Flat - 1/4"	320-1463-09	1	600 Volt, 3 Pole, 200 Amp	
10	301-9669	2	Panel, Box	320-1463-10	1	600 Volt, 3 Pole, 225 Amp	
11	301-9668	1	Box, Breaker	320-1464-06	1	600 Volt, 3 Pole, 250 Amp	
12			Breaker, Circuit	320-1464-07	1	600 Volt, 3 Pole, 300 Amp	
	320-1459-09	1	600 Volt, 3 Pole, 200 Amp	320-1464-08	1	600 Volt, 3 Pole, 350 Amp	
	320-1459-10	1	600 Volt, 3 Pole, 225 Amp	320-1464-09	1	600 Volt, 3 Pole, 400 Amp	
	320-1460-06	1	600 Volt, 3 Pole, 250 Amp	320-1464-10	1	600 Volt, 3 Pole, 450 Amp	
	320-1460-07	1	600 Volt, 3 Pole, 300 Amp	320-1464-11	1	600 Volt, 3 Pole, 500 Amp	
	320-1460-08	1	600 Volt, 3 Pole, 350 Amp	320-1464-12	1	600 Volt, 3 Pole, 600 Amp	
	320-1460-09	1	600 Volt, 3 Pole, 400 Amp	320-1556-18	1	240 Volt, 3 Pole, 400 Amp	
	320-1460-10	1	600 Volt, 3 Pole, 450 Amp			Shunt Trips and Auxiliary Contact	
	320-1460-11	1	600 Volt, 3 Pole, 500 Amp	320-1491-09	1	600 Volt, 3 Pole, 200 Amp	
	320-1460-12	1	600 Volt, 3 Pole, 600 Amp	320-1491-10	1	600 Volt, 3 Pole, 225 Amp	
	320-1513-12	1	240 Volt, 2 Pole, 500 Amp	320-1492-07	1	600 Volt, 3 Pole, 300 Amp	
	320-1555-18	1	240 Volt, 3 Pole, 400 Amp	320-1492-08	1	600 Volt, 3 Pole, 350 Amp	
				320-1492-09	1	600 Volt, 3 Pole, 400 Amp	
				320-1492-10	1	600 Volt, 3 Pole, 450 Amp	
				320-1492-12	1	600 Volt, 3 Pole, 600 Amp	
				320-1537-12	1	600 Volt, 2 Pole, 600 Amp	

Generator (UC27)



Generator (UC27)

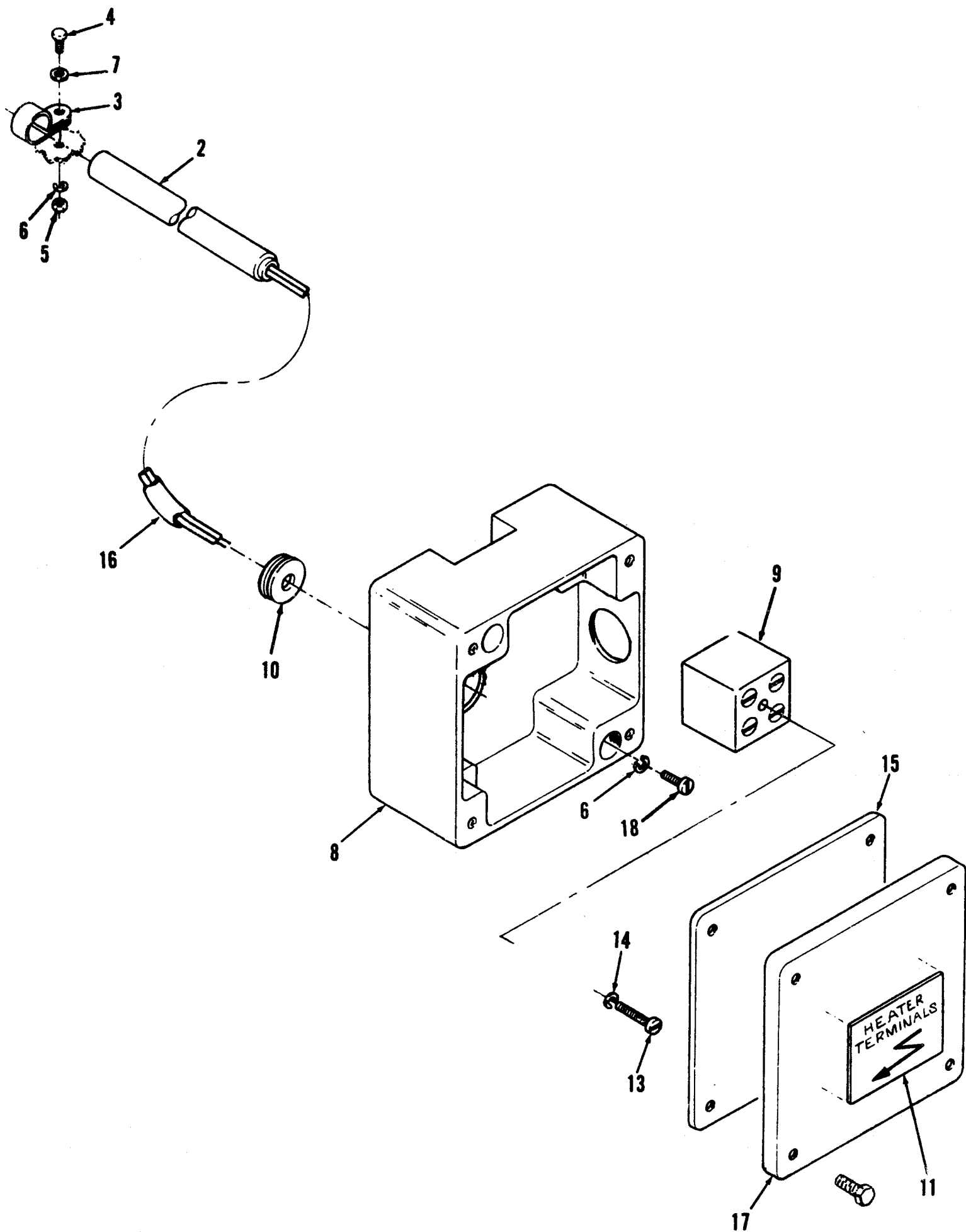
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	805-0015	8	Bolt, Place (3/8-16 x 3/4")		234-0917-04		150DGFA-80°C; 125DGEA-105°C (375 Stack Length)
2	800-2088	12	Screw, Cap - Hex Head (M10 x 1.5 x 35mm)	35			Cover, Stator - Lower
3	800-2113	8	Screw, Cap - Hex Head (M12 x 1.75 x 35mm)		234-0853-02		175DGFB-105°C; 125DGEA-80°C; 105°C; 150DGFA-105°C; 150DGFA-105°C; 125DGEA-105°C (230/285 Stack Length)
4	850-2010	12	Washer, Lock - Spring (M10)		234-0853-03		125DGEA-80°C (335 Stack Length)
5	850-2012	8	Washer, Lock - Spring (M12)		234-0853-04		150DGFA-80°C; 125DGEA-105°C (375 Stack Length)
6	526-0174	8	Washer, Flat (M12)	36	800-2112	10	Screw, Cap - Hex Head (M12 x 30)
7	232-3454	2	Feet, Mounting - Generator	37	850-2012	10	Washer, Lock - Spring (M12)
12			Stator Assembly, Generator	38	526-2140	10	Washer, Flat (M12)
	220-4298-33		125DGEA-105°C; 175DGFB-105°C	41	517-0135	1	Plug
	220-4298-34		125DGEA-80°C; 105°C	42	526-0077	6	Washer, Flat (M10)
	220-4298-35		125DGEA-80°C	43	800-2087	6	Screw, Cap - Hex Head (M10 x 30mm)
	220-4298-36		150DGFA-80°C; 150DGFA-105°C	44	850-2010	6	Washer, Lock - Spring (M10)
	220-4298-40		125DGEA-80°C; 150DGFA-105°C	45	234-0867	2	Guard, Fan
	220-4298-42		150DGFA-80°C; 175DGFB-105°C	46	234-0879	2	Screen, Inlet - Air
	220-4298-45		125DGEA-105°C	47	821-2020	8	Screw, Cap - Locking Head (M5 x 10mm)
	220-4298-46		150DGFA-105°C	48	815-0793-03	8	Screw, Cap - Locking Head (M5 x .8 x 12mm)
	220-4298-47		125DGEA-80°C	49	850-2005	8	Washer, Lock - Spring (M5)
	220-4298-48		150DGFA-80°C; 175DGFB-105°C	50	211-0423	1	Bell, End
	220-4298-54		125DGEA-105°C	51	526-0077	6	Washer, Flat (M10)
	220-4298-60		125DGEA-105°C	52	850-2010	6	Washer, Lock (M10)
13			Rotor Assembly, Generator (Includes Parts Marked *)	53	800-2087	6	Screw, Cap - Hex Head (M10 x 30)
	201-3485-03		125DGEA-105°C; 175DGFB-105°C	54	850-2006	4	Washer, Lock - Spring (M6)
	201-3485-04		125DGEA-105°C; 125DGEA-80°C; 150DGFA-105°C	55	800-2046	4	Screw, Cap - Hex Head (M6 x 1 x 60)
	201-3485-05		125DGEA-80°C	56	220-4293-06	1	Stator, Exciter (Newage Part Number 330-0100)
	201-3485-06		125DGEA-105°C; 150DGFA-105°C; 175DGFB-105°C; 150DGFA-80°C	57	526-2100	3	Washer, Flat (M8)
14	515-0298-03	1	*Key	58	850-2008	3	Washer, Lock - Spring (M8)
15	201-3434-03	1	*Rotor Assembly, Exciter (Includes Parts Marked †) Newage Part Number 310-1028	59	232-3421	1	Block, Terminal - Main
16	357-0091	1	*†Rectifier Assembly, Forward (Includes Diodes)	60	800-2060	3	Screw, Cap - Hex Head (M8 x 1.25 x 35mm)
17	357-0092	1	*†Rectifier Assembly, Reverse (Includes Diodes)	61	508-1057	1	Grommet
18	358-0135-01	3	*†Diode, Positive (Forward) Includes Lead	62	150-2309	1	Bracket, Switch - Overspeed
19	358-0135-02	3	*†Diode, Negative (Reverse) Includes Lead	63	150-0956	1	Switch, Overspeed
20	304-0807	1	*Varistor	64	150-0723	1	Point, Overspeed
21	510-0164	1	*Bearing, Ball	65	870-0250	1	Nut, Insulated
22	518-0083	1	*Ring, Retaining	66	862-0001	2	Nut, Hex (1/4-20)
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	67	853-0013	1	Washer, Lock - ET (1/4")
24	509-0266-02	1	Ring, "O"	68	856-0010	1	Washer, Lock - EIT (3/8")
25	231-0317	1	Adapter, Generator (SAE 2)	69	800-2088	1	Screw, Cap - Hex Head (M10 x 35mm)
26			Screw, Cap - Hex Head	70	526-0240	1	Washer, Flat (M10)
	800-2091	5	M10 x 56mm	71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)
	800-2093	1	M10 x 60mm	72	234-0875-01	1	Cover, End Bell
27	850-2010	6	Washer, Lock - Spring (M10)	73	232-3462-01	4	Spacer, Cover
28	720-1119	8	Screw, Cap - Hex Head (M16 x 40mm)	74	526-2080	4	Washer, Flat (M6)
29	232-3443	3	Disc, Generator Drive (SAE 11.5)	75	332-2987	4	Link, Terminal
30	232-3593	1	Hub, Drive - Generator	76	526-2120	8	Washer, Flat (M10)
31	526-0259	8	Washer, Flat (M16)	77	850-2010	8	Washer, Lock (M10)
32	231-0319	1	Ring, Adapter	78	860-2009	8	Nut, Hex (M10 x 1.5)
33	508-0139	-	Seal, Edging (Order by the Foot - 3 Feet Required)				
34			Cover, Stator - Upper				
	234-0917-02		175DGFB-105°C; 125DGEA-80°C; 105°C; 150DGFA-105°C; 150DGFA-105°C; 125DGEA-105°C (230/285 Stack Length)				
	234-0917-03		125DGEA-80°C (335 Stack Length)				

* - Parts Included in the Rotor Assembly.

† - Parts Included in the Exciter Rotor Assembly.

NOTE: When ordering rotor and stator parts, furnish complete model, spec and serial number of the generator set.

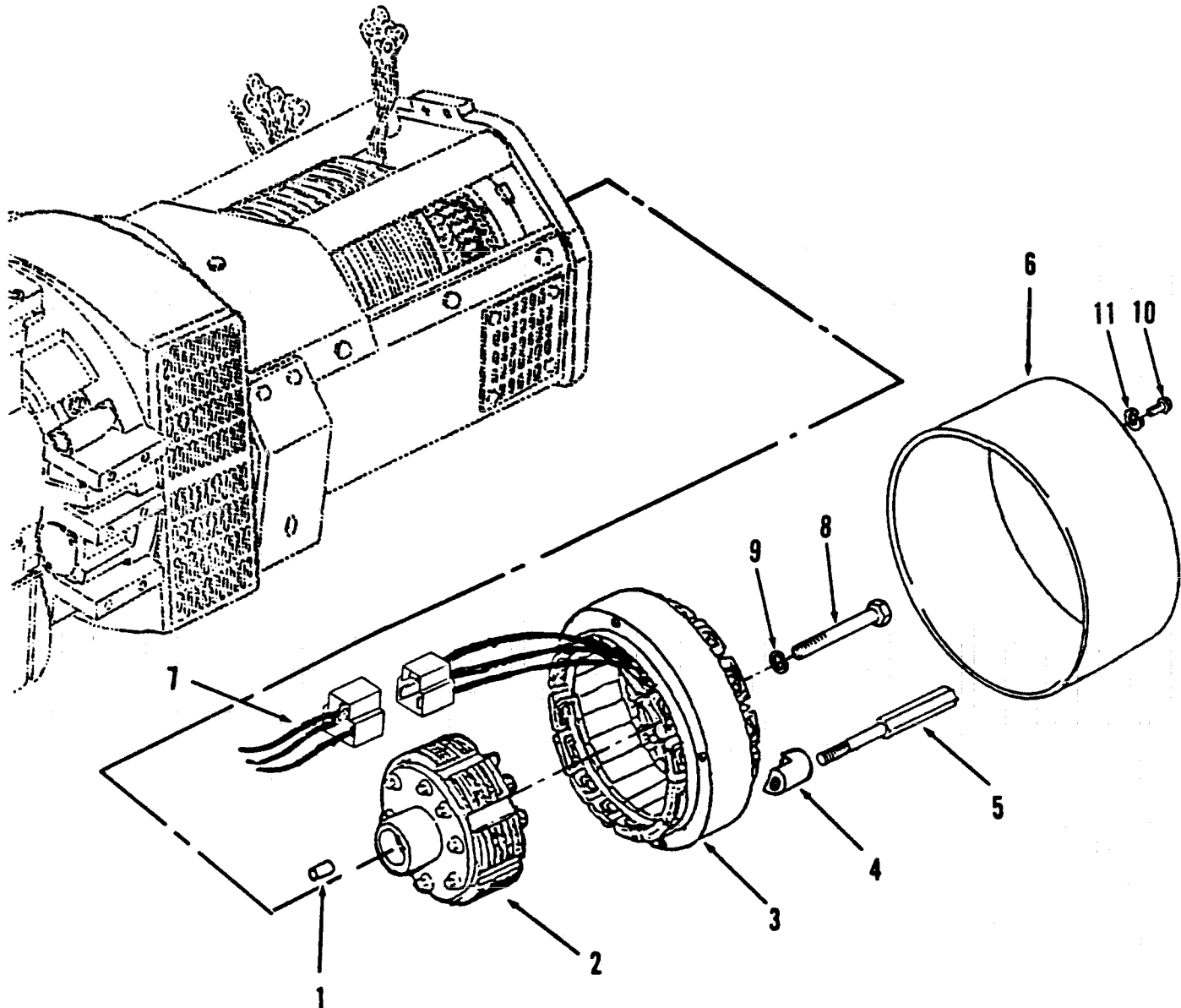
Generator Heater



Generator Heater

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Cartridge, Heater	10	508-0228	1	Grommet
	333-0438-07	1	120 Volt (Newage Part Number 071-31057)	11	98-6142	1	Label, Heater ADJ
	333-0438-08	1	240 Volt (Newage Part Number 071-31058)	12	98-6143	1	Label, Volts/Watts
3	332-3024-11	2	Clamp, Loop (Newage Part Number 052-46058)		98-6233	1	120 Volts/280 Watts (Newage Part Number 450-13650)
4	822-3075	6	Screw, Head - Pan (M4 x 16mm)				240 Volts/210 Watts (Newage Part Number 450-13640)
5	860-2005	2	Nut, Hex (M4)	13	822-3047	1	Screw, Head - Pan (M3 x 20mm)
6	850-2004	4	Washer, Lock - Spring (M4)	14	850-2003	1	Washer, Lock - Spring (M3)
7	526-2050	2	Washer, Flat (M4)	15	330-0141-04	1	Gasket, Terminal - Box
8	330-0142	1	Terminal, Heater - Box (Newage Part Number 450-10060)	16	898-1254-19	1	Sleeving, Insulation
9	332-3023	1	Block, Terminal (Newage Part Number 003-14010)	17	330-0141-03	1	Cover, Terminal - Box
				18	815-0446	2	Screw, RH x Rec W/IT

Permanent Magnet Exciter



REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
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
6	234-0875-02	450-14360	1	Cover, Bell - End

REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
7	249-0462	450-22000	1	Harness, Wiring
8	815-0761-01	350-14950	1	Bolt (M10 x 1.5 x 110mm)
9	850-2010	028-31509	1	Washer, Lock - Spring (M10)
10	800-2008		4	Screw, Locking - Hex Head Flange (M5 x 0.8 x 16mm)
11	850-2005		4	Washer, Lock-Spring (M5)

Paint

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metallic)				Cummins Beige Enamel
525-0305		-	13 Oz. Pressurized 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

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