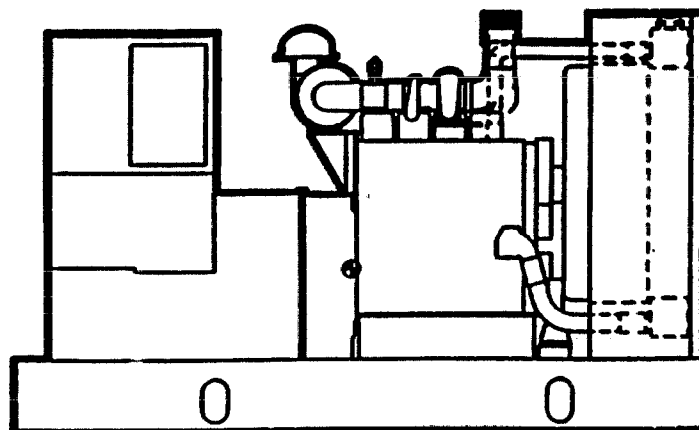




PARTS CATALOG

<i>Onan Model</i>	<i>Cummins Model</i>
DGDA	BT61
DGDB	BT62

Generating Set



Introduction

This Parts Manual applies to the Standard Gen 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		GENERATOR TYPE**	HERTZ	RPM	BATTERY VOLTAGE
	CUMMINS POWER SYSTEM	ONAN POWER SYSTEM				
6BT5.9-G1, SES1171 MODIFIED *	65 BT61/xxxxx C	65 DGDA/xxxxx B	UC	50	1500	24 VDC
6BT5.9-G1, SES1171	80 BT61/xxxxx C	80 DGDA/xxxxx B	UC	60	1800	24 VDC
6BT5.9-G2, SES1172 MODIFIED *	85 BT62/xxxxx C	85 DGDB/xxxxx B	UC	50	1500	24 VDC
6BT5.9-G2, SES1172	100 BT62/xxxxx C	100 DGDB/xxxxx B	UC	60	1800	24 VDC

NOTES: * Engine Governor Spring Changed for 50 Hertz Applications.

GENERATOR TABLE *

GENERATOR SET MODEL	ONAN GEN TYPE	NEWAGE		SAE ADPTR	SAE DISK	VOLT CODE-HOOKUP	60 HERTZ VOLTAGES	50 HERTZ VOLTAGE
		GEN TYPE	WIND- ING CODE			R113 SERIES STAR R113 PARALLEL STAR R114 SERIES STAR R115 SERIES STAR R116 DOUBLE DELTA	380-416-440-460-480 190-208-220-230-240 ----- 600 190-208/380-416 110-120-127/220-240-254	380-415 190-208 ----- 550 110-120/220-240

BT61/DGDA	UC3C	UC274C	311	2	11.5	R113 SERIES STAR	80kw	65kw
BT61/DGDA	UC3C	UC274C	311	2	11.5	R113 PARALLEL STAR	80kw	65kw
BT61/DGDA	UC3C	UC274C	17	2	11.5	R114 SERIES STAR	80kw	65kw
BT61/DGDA	UC3C	UC274C	14	2	11.5	R115 SERIES STAR	80kw	65kw
BT61/DGDA	UC3F	UC274F	311	2	11.5	R116 DOUBLE DELTA	80kw	65kw

BT62/DGDB	UC3D	UC274D	311	2	11.5	R113 SERIES STAR	100kw	--
BT62/DGDB	UC3E	UC274E	311	2	11.5	R113 SERIES STAR	--	85kw
BT62/DGDB	UC3D	UC274D	311	2	11.5	R113 PARALLEL STAR	100kw	--
BT62/DGDB	UC3E	UC274E	311	2	11.5	R113 PARALLEL STAR	--	85kw
BT62/DGDB	UC3D	UC274D	17	2	11.5	R114 SERIES STAR	100kw	85kw
BT62/DGDB	UC3D	UC274D	14	2	11.5	R115 SERIES STAR	100kw	85kw
BT62/DGDB	UC3H	UC274H	311	2	11.5	R116 DOUBLE DELTA	100kw	85kw

TABLE OF VOLTAGE CODES

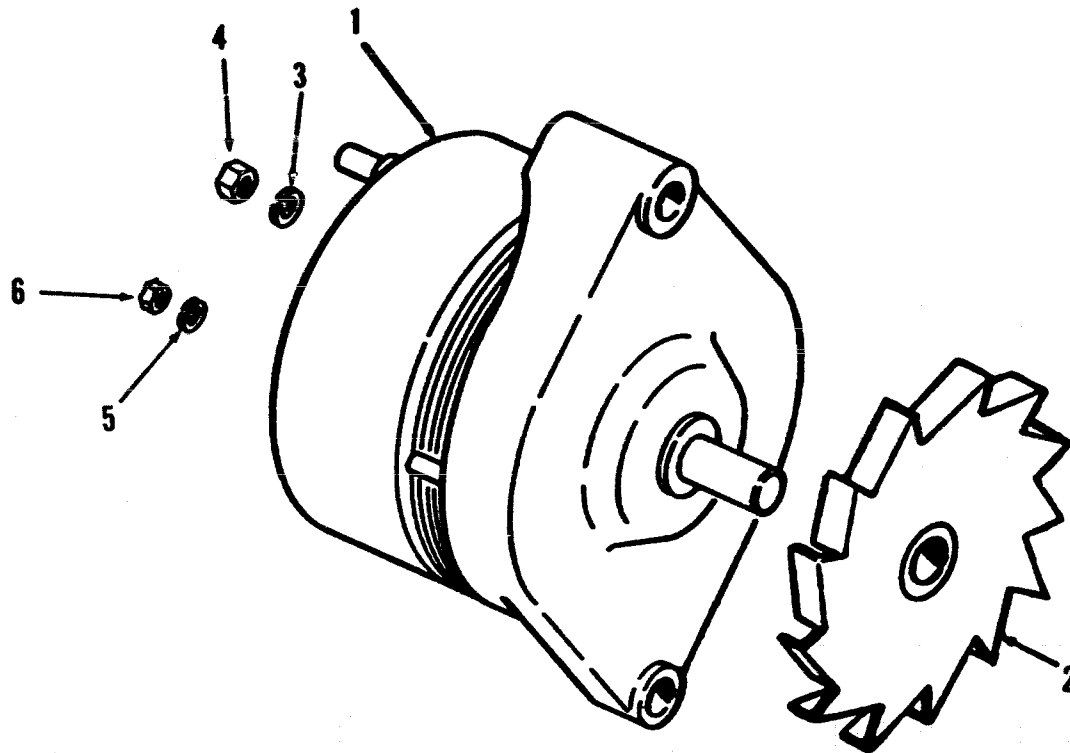
R113	12 Wire Reconnectible; Hookup at Terminal Board in SERIES or PARALLEL STAR.
R114	12 Wire Reconnectible; Hookup at Terminal Board in SERIES STAR for specific voltage.
R115	12 Wire Reconnectible with special stator; Hookup in SERIES STAR for above voltages.
R116	12 Wire Reconnectible; Hookup at Terminal Board for Single Phase Extended Stack Application.

* NOTE: Table is applicable to Generators for 105°C Rise installations (Adder Code B234). Larger or Smaller Generators may be used in the 80°C and 125°C Rise applications.

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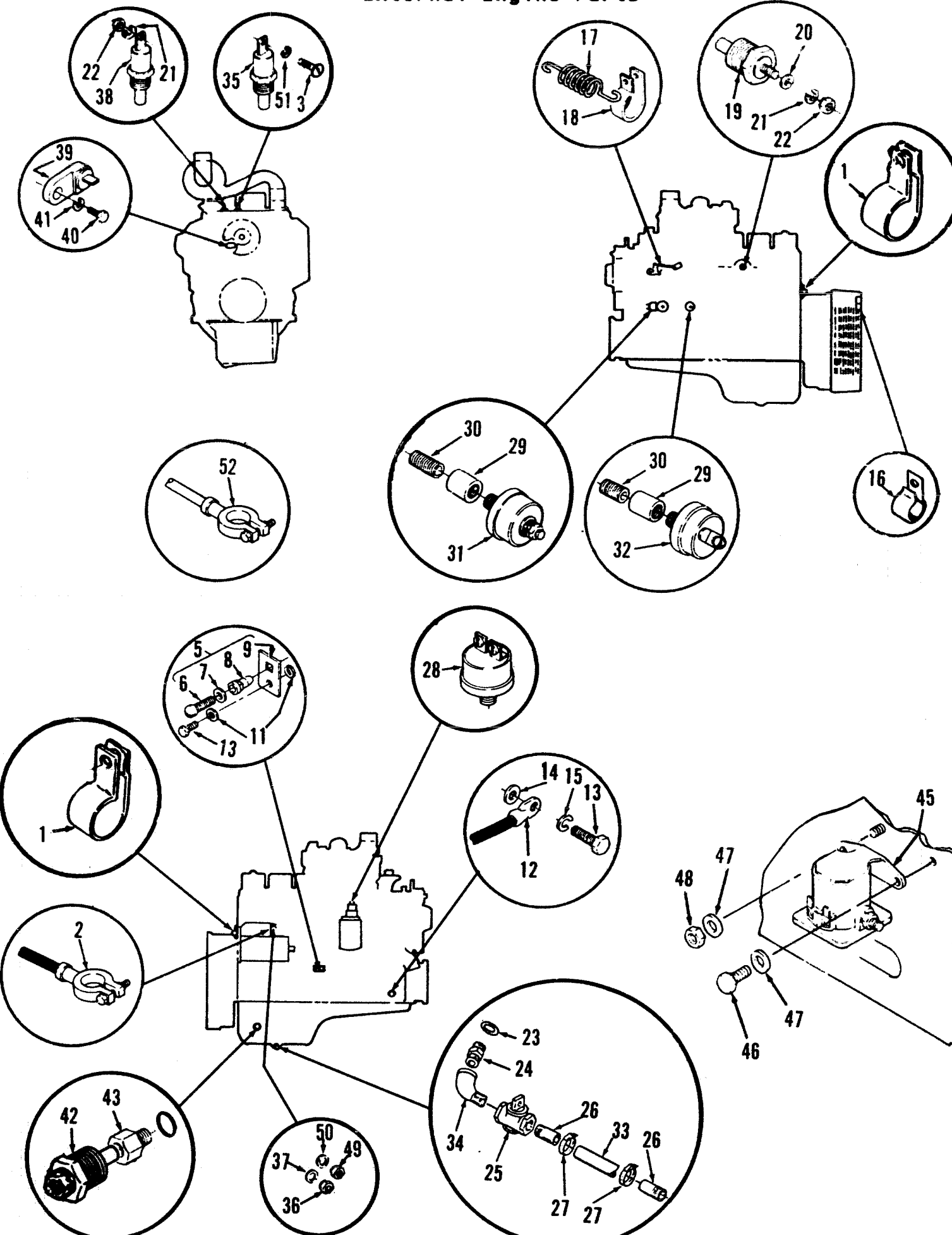
Alternator



Alternator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	---	1	Alternator, 24 Volt Spec B-D (Prestolite) (Cummins #3911462)	3	850-2008	1	Washer, Lock (M8)
	191-1983-02	1	Spec E-H (Bosch)	4	860-2008	1	Nut, Hex (M8)
2	191-1981	1	Fan, Alternator	5	850-2005	2	Washer, Lock (M5)
				6	860-2006	2	Nut, Lock (M5)

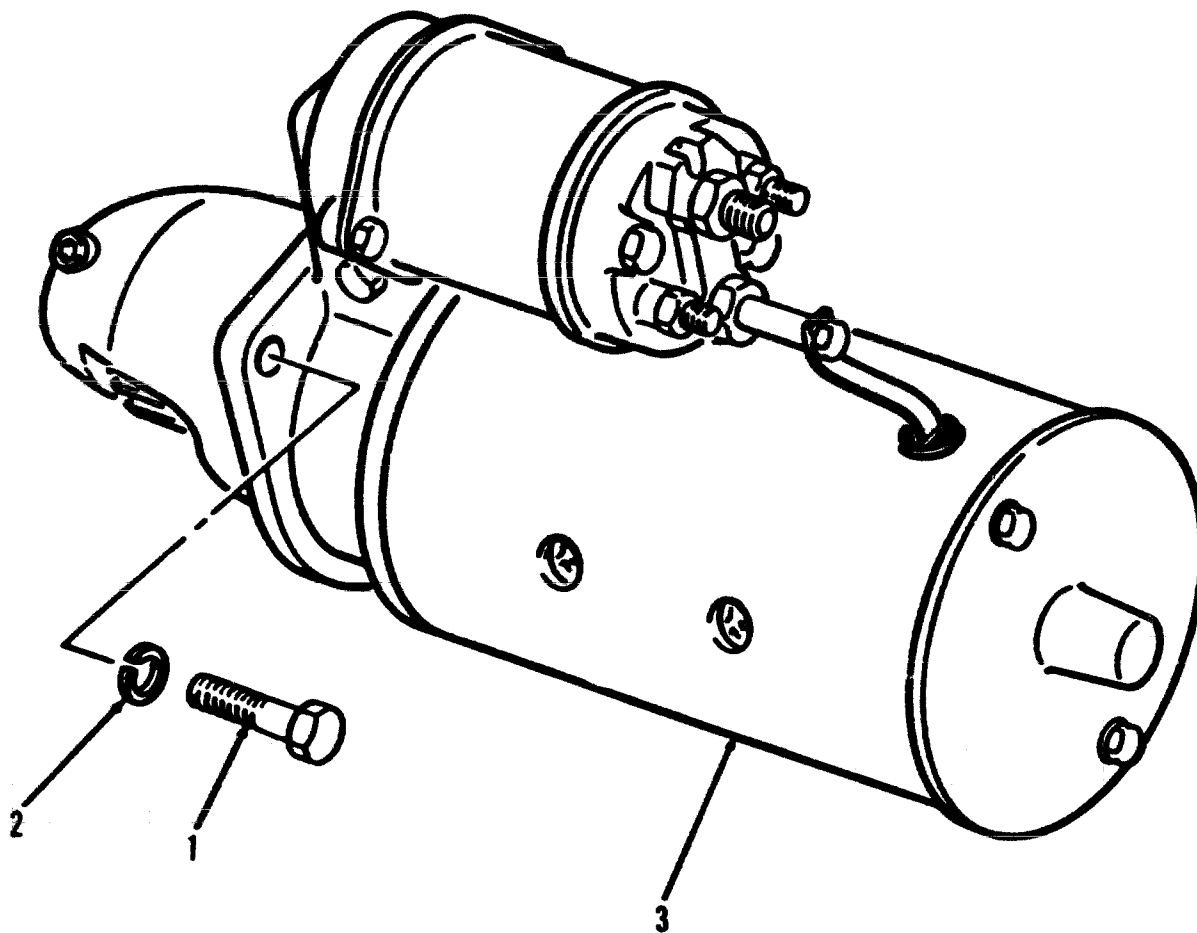
External Engine Parts



External Engine Parts

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2921	2	Clamp, "J"	29	505-0026	2	Coupling, Pipe (1/8")
2	416-0921-01	1	Cable, Battery to Starter	30	505-0098	2	Nipple, Pipe (1/8" x 3/4")
3	812-0075	1	Screw, Round Head (#8-32 x 1/4")	31	193-0244	1	Sender, Pressure - Oil (E1)
5	332-2739	1	Terminal Assembly (Includes Parts Marked *)	32	309-0561	1	Switch, Pressure - Oil (S1)
6	809-0036	1	*Screw, Sheet Metal - Round Head (#8 x 7/8")	33	503-0098	1	Hose, Drain - Oil
7	508-0015	1	*Washer, Fiber	34	505-0050	1	Elbow, Street - 90°
8	870-0196	1	*Nut, Insulation	35	309-0554	1	Switch, Thermostat - High Engine Coolant Temperature (Opens at 205°F - Closes at 230°F) (S2)
9	332-2738	1	*Bracket, Terminal	36	860-2006	1	Nut, Hex - Machine (M5x.8)
11	856-0013	2	Washer, Lock - EIT (1/2")	37	850-2010	2	Washer, Lock (M10)
12	416-0893	1	Cable, Battery - Ground (10")	38	309-0553	1	Switch, Thermostat - High Engine Coolant Temperature (Opens at 195°F - Closes at 220°F) (S6 - Pre-Alarm)
13	800-2110	2	Screw, Cap - Hex Head (M12 x 20mm)	39	309-0269	1	Sender, Temperature - Low Engine Coolant (S4)
14	856-0013	1	Washer, Lock - EIT (1/2")	40	800-2058	1	Screw, Cap - Hex Head (M8 x 35mm)
15	850-2012	4	Washer, Lock - Spring (M12)	41	850-2008	1	Washer, Lock - Spring (M8)
16	332-3196	1	Clamp, "J"	42	193-0389	1	Sender, Temperature - Oil
17	145-2546	1	Spring, Throttle Expansion	43	505-1373	1	Bushing, Reducer (M22 x 1/8)
18	518-0350	1	Clamp, Insulated	45	300-2167	1	Relay, Solenoid - Start (Not Shown)
19	193-0375	1	Sender, Temperature - Water (E2)	46	821-0010	1	Screw, Locking - Hex Washer Head (1/4-20 x 1/2")
20	526-0008	2	Washer, Flat (#10)	47	856-0006	2	Washer, Lock - EIT (1/4")
21	850-0030	2	Washer, Lock - Spring (#10)	48	862-0013	1	Nut, Hex (1/4-20)
22	870-0131	2	Nut, Hex (#10-32)	49	860-2009	1	Nut, Hex (M10x1.5mm)
23	102-1147	1	Gasket, Drain - Oil	50	850-0030	2	Washer, Lock, (#10)
24	102-1237	1	Adapter, Drain - Oil	51	850-0025	1	Washer, Lock (#8)
25	504-0011	1	Valve, Drain - Oil	52	416-0446	1	Cable, Battery
26	505-0185	2	Nipple, Pipe				
27	503-0197	2	Clamp, Hose				
28	309-0272	1	Switch, Pressure - Oil (S5 - Pre-Alarm) Closes at 20 lbs. Descending)				

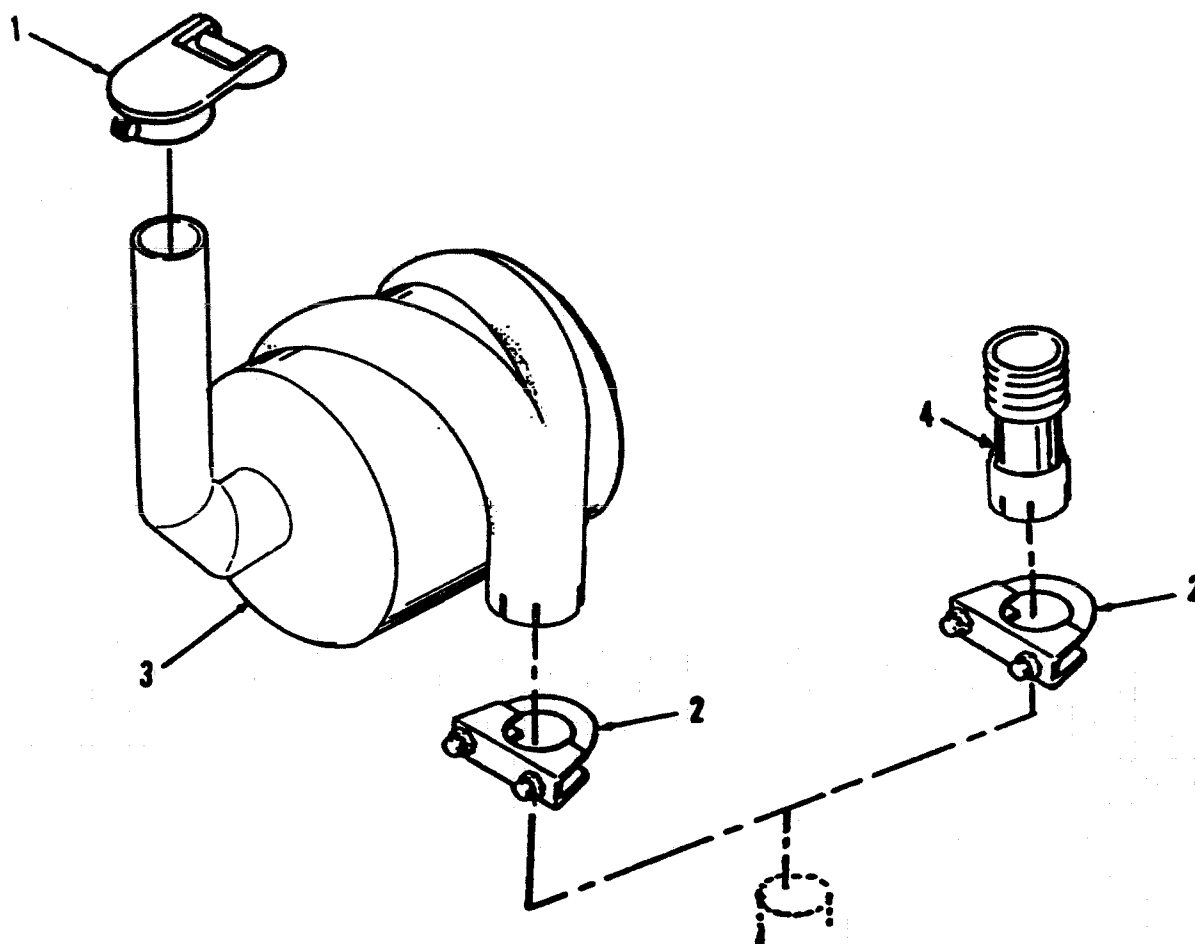
Starter



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)	3			Starter, Negative Ground 24 Volt
2	850-2010	3	Washer, Lock - Spring (M10)	191-1962-02	1		Spec 8-F
				191-2103	1		Spec G-H

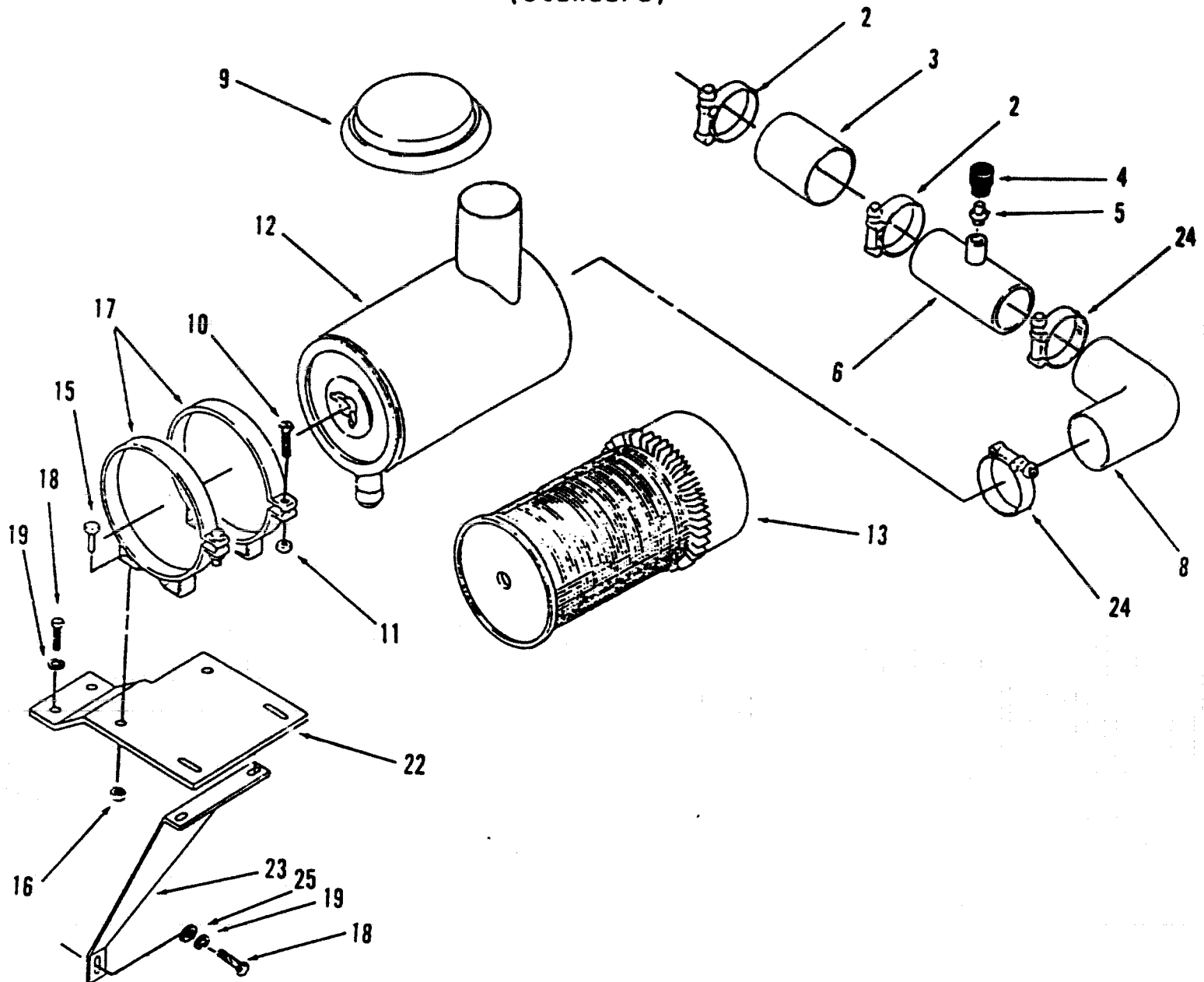
Exhaust System Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2062-03	1	Cap. Rain
2	155-2175	1	Clamp. Muffler

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	155-2251	1	Silencer
4	155-2253	1	Adapter. Exhaust

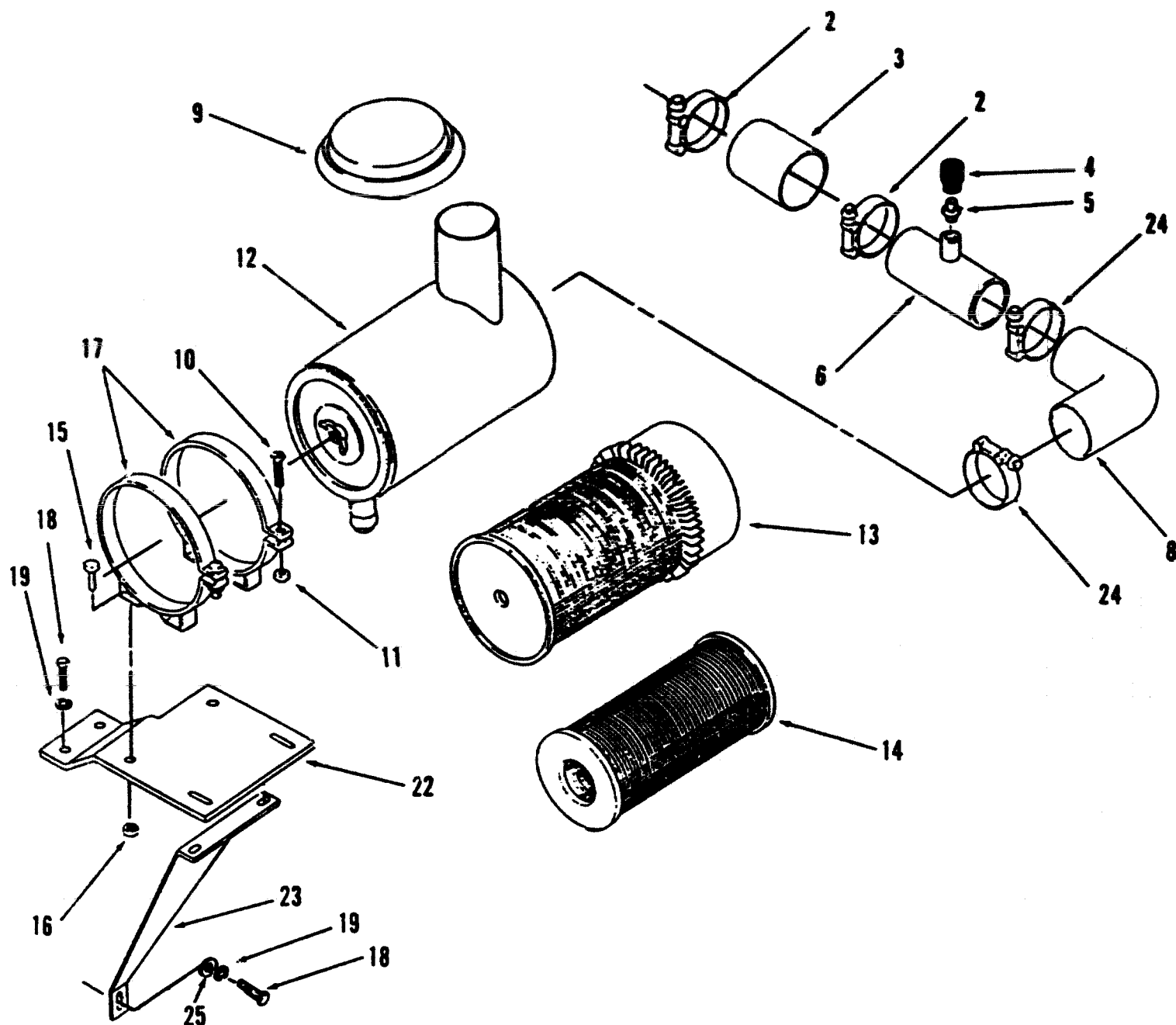
Air Cleaner (Standard)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	503-0868	2	Clamp, Hose
3	503-1460	1	Hose, Radiator
4	140-1548	1	Indicator, Service
5	140-1260	1	Adapter, Filter - Indicator
6	140-2152	1	Tube, Inlet - Air
8	140-1467	1	Elbow, Rubber - Reducing, Molded
9	140-1435	1	Hood, Inlet - Air
10	815-0115	2	Screw, Machine - Fillister Head (1/4-20 x 1")
11	863-0002	2	Nut, Square (1/4-20)
12	140-2147	1	Cleaner, Air (Includes Element)
13	140-2148	1	Element, Cleaner - Air

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
15	821-0033	4	Screw, Self-Locking Washer Head (7/16-14 x 3/4")
16	870-0437	4	Nut, Self-Locking - Hex (7/16-14)
17	140-1599	2	Band, Mounting
18	800-2110	3	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)
19	850-2012	3	Washer, Lock (M12)
22	140-2154	1	Bracket, Mounting - Air Cleaner
23	140-2153	1	Bracket, Mounting - Air Cleaner
24	503-1813-07	2	Clamp, T-Bolt
25	526-2140	1	Washer, Flat (M12)

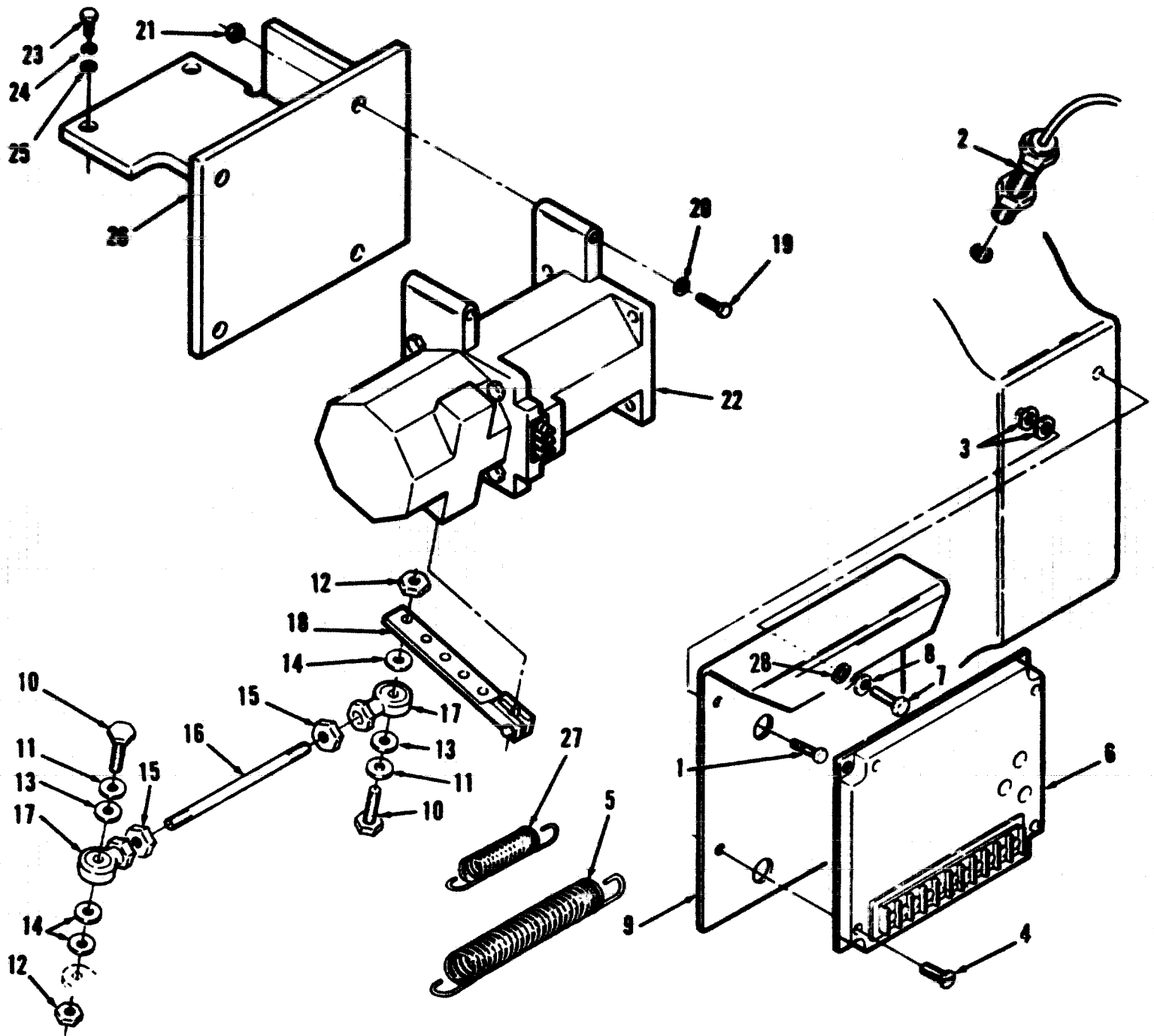
Air Cleaner (Heavy Duty)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	503-0868	2	Clamp, Hose
3	503-1460	1	Hose, Radiator
4	140-1548	1	Indicator, Service
5	140-1260	1	Adapter, Filter - Indicator
6	140-2152	1	Tube, Inlet - Air
8	140-1467	1	Elbow, Reducing - Molded Rubber
9	140-1435	1	Hood, Inlet - Air
10	815-0115	2	Screw, Machine - Fillister Head (1/4-20 x 1")
11	863-0002	2	Nut, Square (1/4-20)
12	140-2147	1	Cleaner, Air (Includes Element)
13	140-2148	1	Element, Cleaner - Air (Primary)
14	140-2150	1	Element, Cleaner - Air (Secondary)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
15	821-0033	4	Screw, Self-Locking Washer Head (7/16-14 x 3/4")
16	870-0437	4	Nut, Self-Locking - Hex (7/16-14)
17	140-1599	2	Band, Mounting
18	800-2110	3	Screw, Cap - Hex Head (M12 x 1.75 x 20mm)
19	850-2012	3	Washer, Lock (M12)
22	140-2154	1	Bracket, Mounting - Air Cleaner
23	140-2153	1	Bracket, Mounting - Air Cleaner
24	503-1813-07	2	Clamp, I-Boit
25	526-2140	1	Washer, Flat (M12)

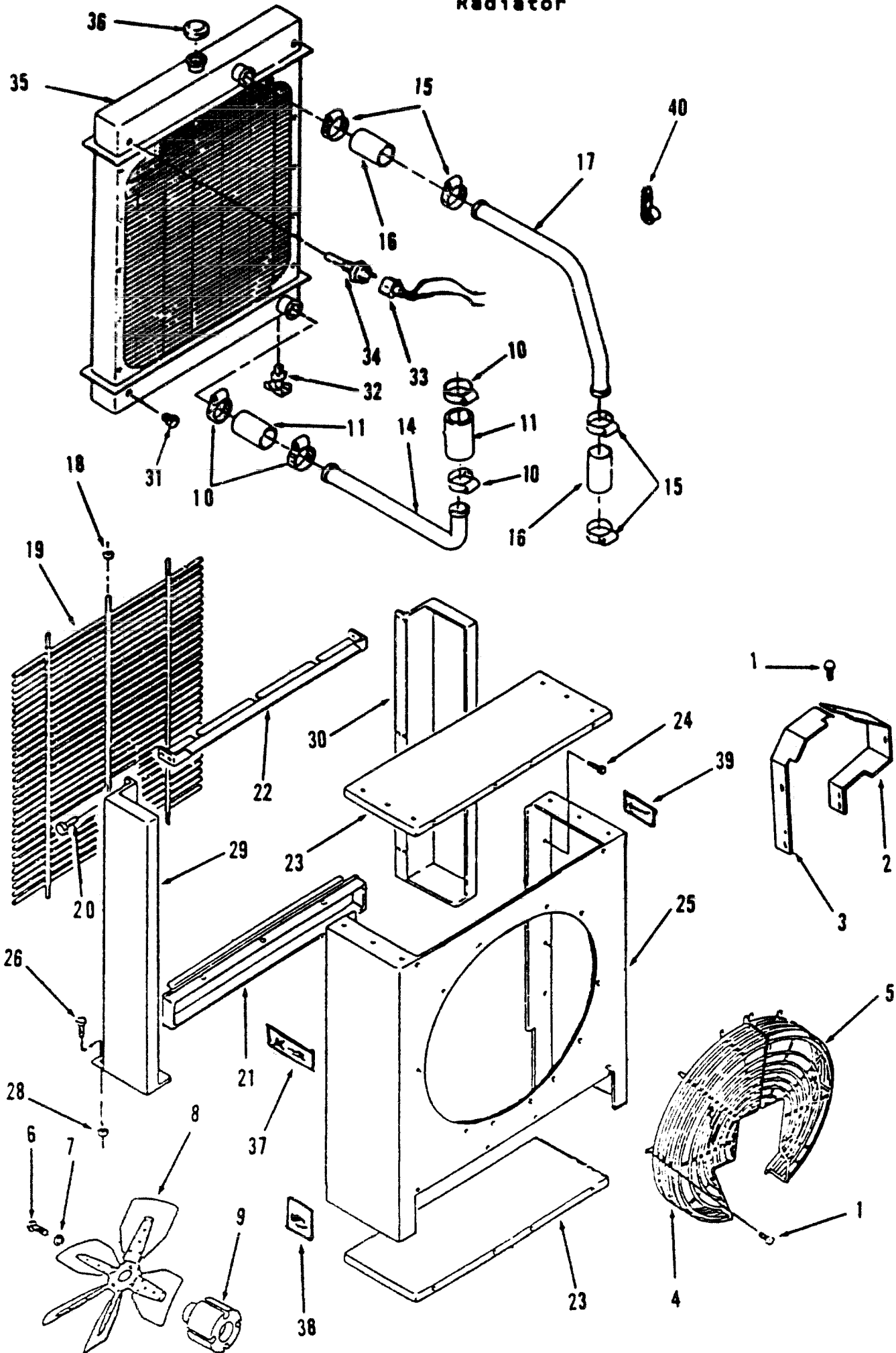
Electronic Governor



Electronic Governor

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, Whizlock (#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	151-0693	1	Spec B-G	21	870-0212	4	Nut, Self-Locking (1/4-20)
	151-0715-02	1	Spec H-J	22		1	Actuator (12 Volt DC) (A1)
7	800-2110	2	Screw, Cap - Hex Head (M12 x 20mm)		151-0694	1	Spec B-G
8	850-2012	2	Washer, Lock - Spring (M12)		151-2331-01	1	Spec H
9	150-2007	1	Bracket, Controller	23	800-2080	3	Screw, Cap - Hex Head (M8 x 35mm)
10	815-0172	2	Screw, Machine - Hex Head (#10-32 x 1")	24	850-2008	3	Washer, Lock - Spring (M8)
11	526-0179	2	Washer, Flat - Special	25	526-0115	3	Washer, Flat (5/16")
12	870-0131	2	Nut, Hex - With ET (#10-32)	26	150-2187	1	Bracket, Governor
13	526-0008	2	Washer, Flat (#10)	27	150-2231	1	Spring, Governor (5/8" Long) (Spec B-G)
14	526-0196	3	Washer, Flat - Aluminum (7/32")		150-2527-01		(Spec H-J)
15	870-0053	2	Nut, Hex (#10-32)		150-2527-02		(Spec H-J)
				28	526-2140	2	Washer, Flat

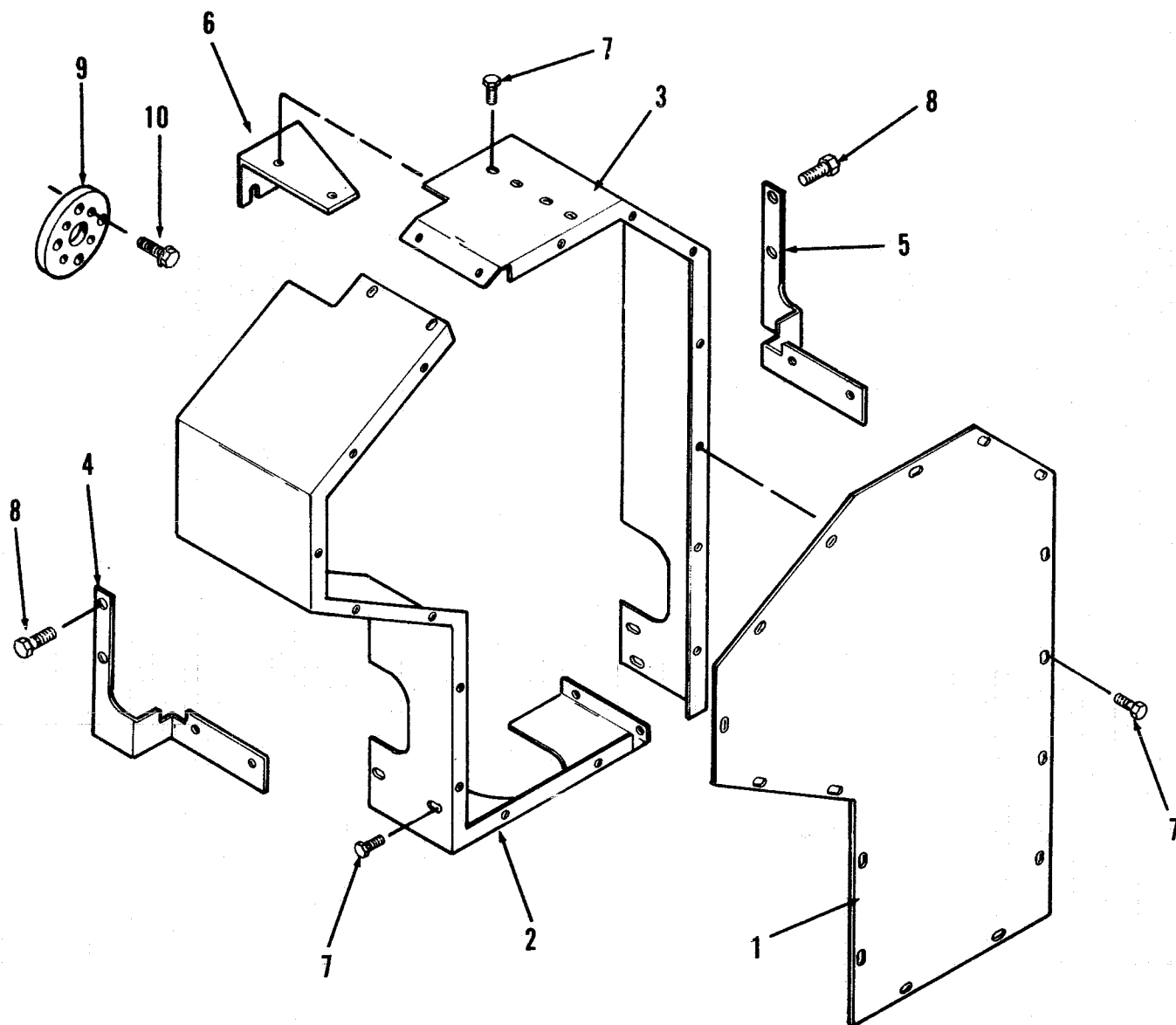
Radiator



Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0018	34	Screw, Locking - Hex Washer Head (1/4-20 x 5/8")	22	130-3089	1	Support, Grille - Upper
2	130-3086	1	Guard, Belt (LH)	23	130-3092	2	Shroud
3	130-3085	1	Guard, Belt (RH)	24	821-0028	12	Screw, Locking - Hex Washer Head (3/8-16 x 1/2")
4	130-3069-01	1	Guard, Fan (RH)	25	130-3091	1	Wrapper, Shroud - Fan
5	130-3069-02	1	Guard, Fan (LH)	26	821-0029	12	Screw, Locking - Hex Washer Head (3/8-16 x 3/4")
6	800-2068	4	Screw, Cap - Hex Head (M8 x 1.25 x 45mm)	28	870-0281	15	Nut, Self-Locking Hex (3/8-16)
7	850-2008	4	Washer, Lock - Spring (M8)	29	130-3087-01	1	Guard, Radiator (RH)
8	130-3080	1	Fan, Radiator	30	130-3087-02	1	Guard, Radiator (LH)
9	130-3082	1	Spacer, Fan	31	502-0153	1	Plug, Pipe - Hex (1/4 NPT)
10	503-0465	4	Clamp, Hose	32	504-0028	1	Valve, Drain (3/8 NPT)
11	503-1379-01	2	Hose, Radiator - Lower	33	338-2871	1	Harness, Wiring - Cociant Level Sender
14	130-3084	1	Tube, Outlet - Radiator	34	193-0322	1	Sender, Level - Coolant
15	503-0365	4	Clamp, Hose	35	130-3064	1	Radiator (Includes Cap)
16	503-1391-01	2	Hose, Radiator - Upper	36	130-1788	1	Cap, Radiator (14 PSI)
17	130-3083	1	Tube, Outlet - Radiator	37	98-5390	2	Decal, Warning Rotating Fan
18	870-0281	15	Nut, Self-Locking - Hex (3/8-16)	38	98-1003	2	Decal, Water Drain
19	130-3088	1	Grille, Radiator	39	98-0961	2	Decal, Water Level
20	821-0010	8	Screw, Locking Hex Washer Head (1/4-20 x 1/2")	40	518-0350	1	Clamp, Insulated
21	130-3090	1	Support, Grille - Lower				

Remote Radiator

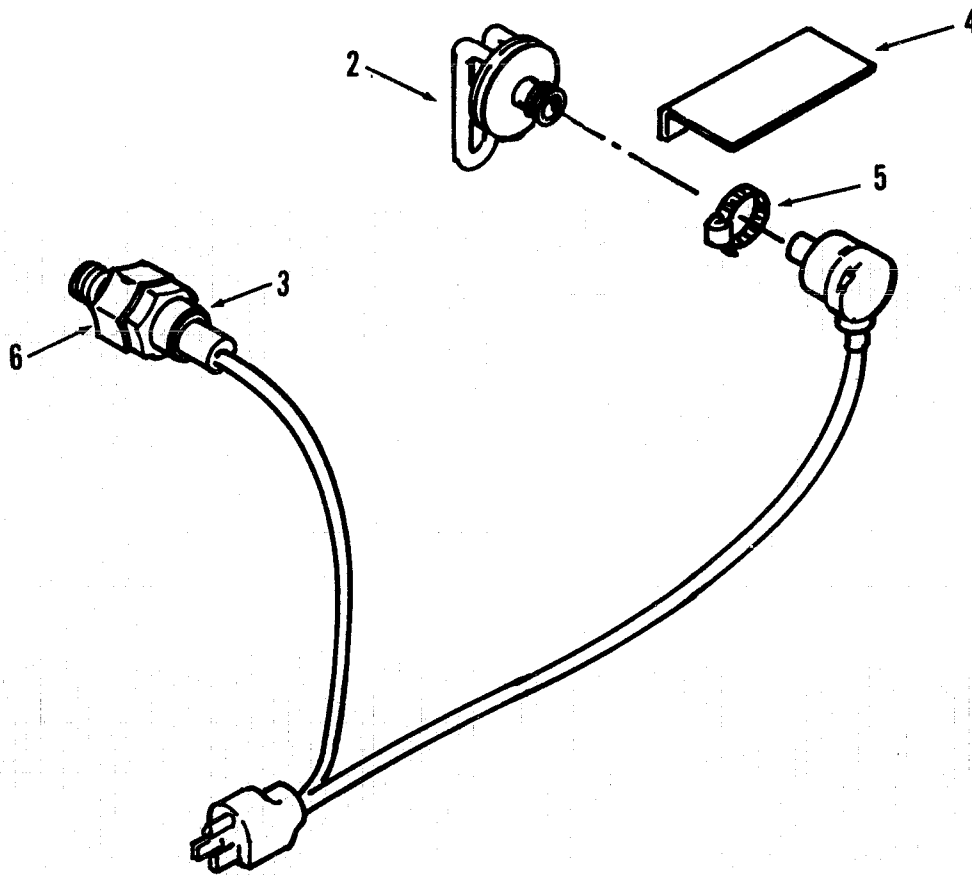


Remote Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3168	1	Cover, Guard - Belt	8	800-2110	4	Screw, Cap - Hex (M12 x 1.75 x 20)
2	130-3169	1	Guard, Belt	9	130-3582	1	Plate, Clamping
3	130-3170	1	Guard, Belt	10	718-1812	4	Screw, Cap - Hex (M8 x 1.25 x 25)
4	130-3171-01	1	Bracket, Guard - Belt (LH)				
5	130-3171-02	1	Bracket, Guard - Belt (RH)				
6	130-3172	1	Bracket, Guard - Belt				
7	821-0018	24	Screw, Washer - Lock (1/4"-20 x .62)				



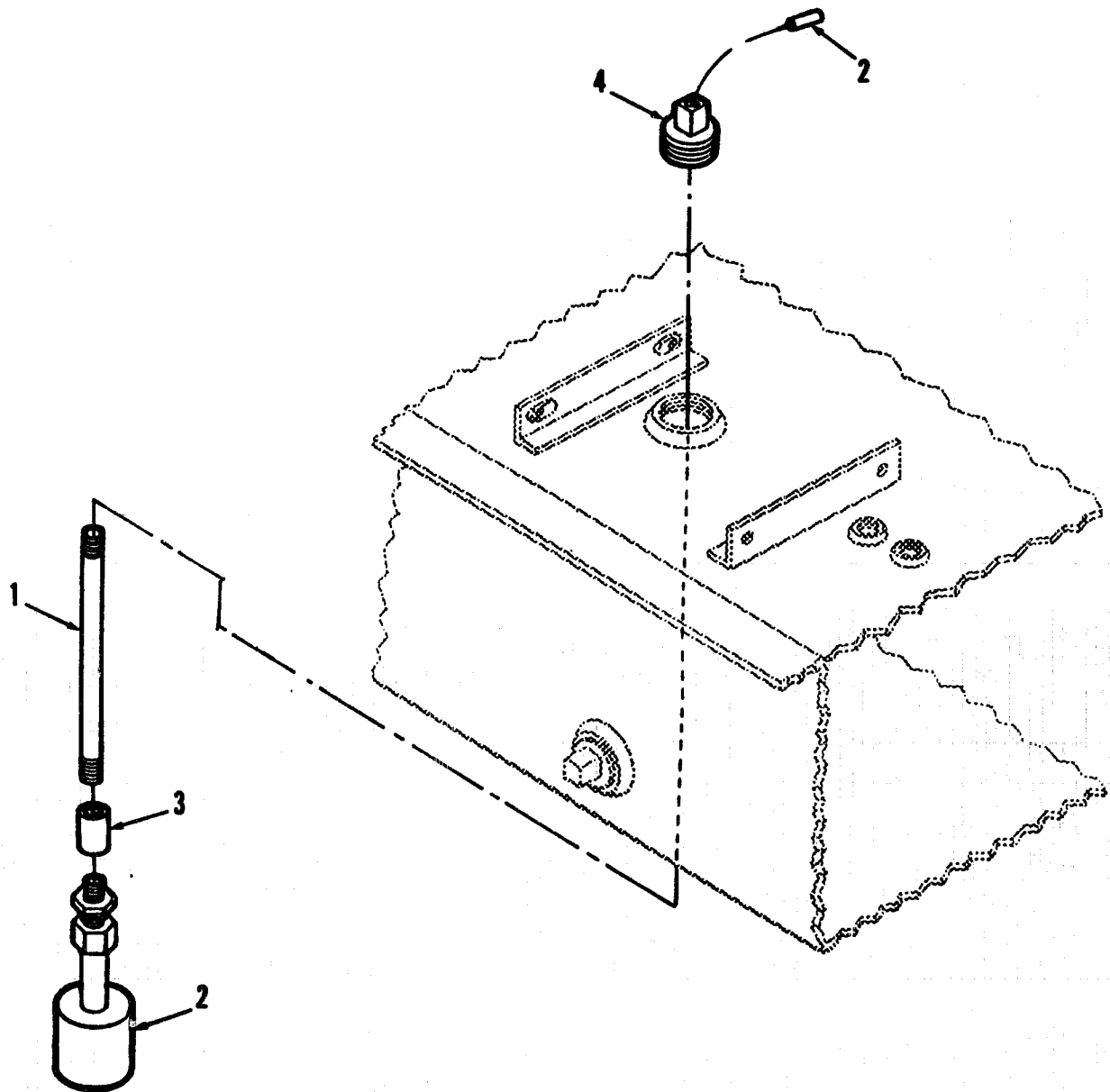
Engine Coolant Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Heater, Coolant - Engine (1000 Watt)
	333-0505-01	1	120 Volt AC
	333-0505-02	1	240 Volt AC
3	333-0478	1	Thermostat (1000 Watt)

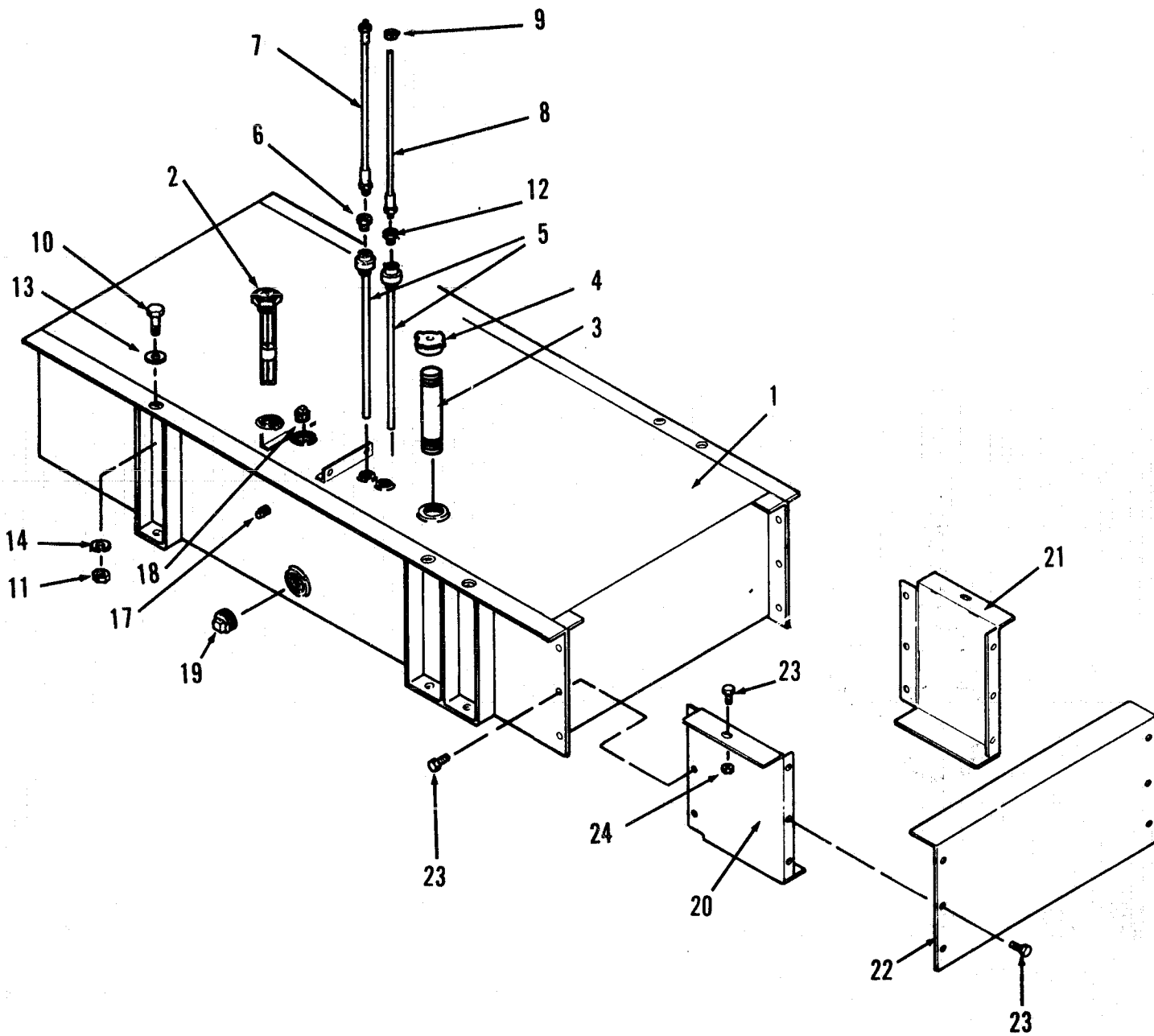
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	154-2903	1	Shield, Heat
5	503-0189	1	Clamp
6	505-0021	1	Bushing, Reducer (3/4 x 1/2 NPT)

Low Fuel Alarm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	505-1458-03	1	Pipe, Nipple (1/8) - Used on 159-1181 Fuel Tank	3	505-0026	1	Coupling
2	308-0963-01	1	Switch, Basin	4	505-1050	1	Plug, Pipe-Square Head

Fuel Tank



Fuel Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Tank, Fuel	14	850-0079	4	Washer, Lock (3/4")
	159-1181	1	150 Gal	15		1	Plug, Pipe (1/2" NPT)
	159-1296	1	350 Gal	16		1	Plug, Pipe (3/8" NPT)
2			Gauge, Fuel	17		1	Plug, Pipe (1" NPT)
	415-0565-02	1	150 Gal	18		1	Plug, Pipe (1-1/4" NPT)
	415-0565-11	1	350 Gal	19		1	Plug, Pipe (2" NPT)
3	505-0748	1	Nipple, Pipe (2" x 9")	20			Wrapper, Tank - Fuel
4	159-1208	1	Cap, Fuel		159-1309-03	1	150 Gal - RH
5			Pipe, Fuel Tank		159-1323-03	1	350 Gal - RH
	415-0566-02	2	150 Gal	21			Wrapper, Fuel Tank
	415-0566-14	2	350 Gal		159-1309-04	1	150 Gal - LH
6	505-0018	1	Bushing, Reducer (.25 x .50)		159-1323-04	1	350 Gal - LH
7	501-0441	1	Line, Fuel - Flex	22			End Cap - Tank Skirt
8	501-0502	1	Line, Fuel - Flex		159-1310	1	150 Gal
9	503-0685	1	Clamp, Hose		159-1326	1	350 Gal
10	800-0156	4	Screw, (3/4-10 x 2.25")	23			Screw - Lock (5/16-18 x .50)
11	862-0008	4	Nut, (3/4-10)		821-0014	14	150 Gal
12	505-0151	1	Bushing, Reducer (.12 x .50)		821-0014	26	350 Gal
13	526-0238	4	Washer, Flat (3/4")	24	870-0257	2	Nut, Lock (5/16-18)

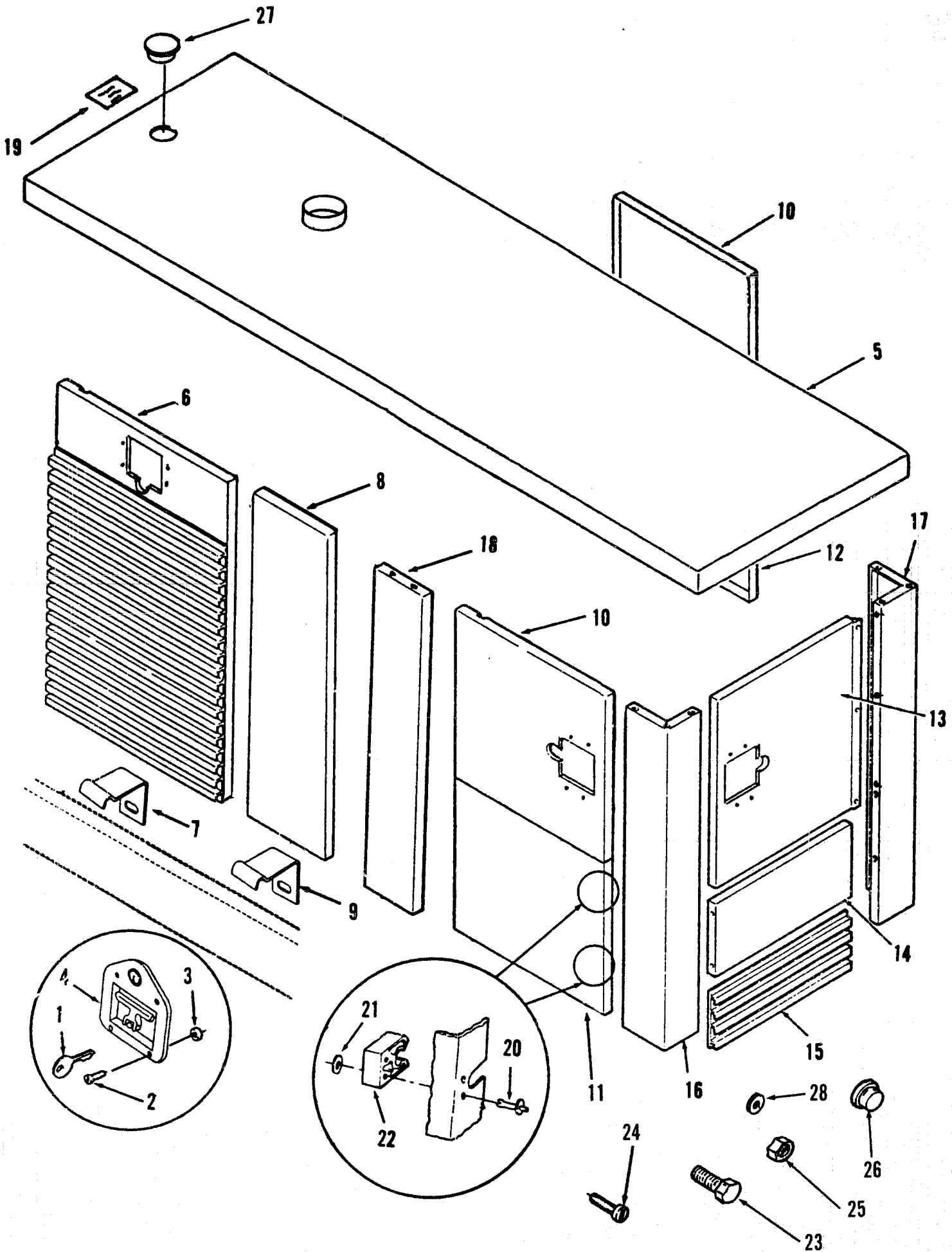


Day Tank

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0648	1	Tank, Day
2	159-1208	1	Cap, Fuel
3	870-0212	2	Nut (1/4-20)
4	501-0562	1	Line, Fuel - Flex (Tank to Eng)
5	501-0502-02	1	Line, Fuel - Flex (Fuel to Tank)
6	503-0685	1	Clamp, Hose
7	505-0172	1	Nipple, Close (2 x 2)
8	159-1206	1	Bracket, Tank
9	821-0018	4	Screw (1/4-20 x .625")
10	415-0566-04	1	Pipe, Tank - Fuel
11	505-0049	1	Elbow (1/8" NPT)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	505-0018	1	Bushing, Reducer (1/4 x .50)
13	502-0053	1	Elbow - Street Pipe (1/8")
14	415-0660	1	Gasket
15	415-0657	1	Valve Assembly, Float
16	526-0008	8	Washer, Flat
17	853-1008	6	Washer, Lock - ET
18	867-0028	8	Nut
19		1	Plug, Pipe (3/8" NPT)
20		1	Plug, Pipe (1" NPT)
21	159-1290	1	Basin, Rupture
22	505-0055	1	Plug, Pipe (1/4" NPT)
23	159-1268	3	Hanger, Basin
24	870-0257	3	Nut, Whizlock (5/16-18)

Set Housing

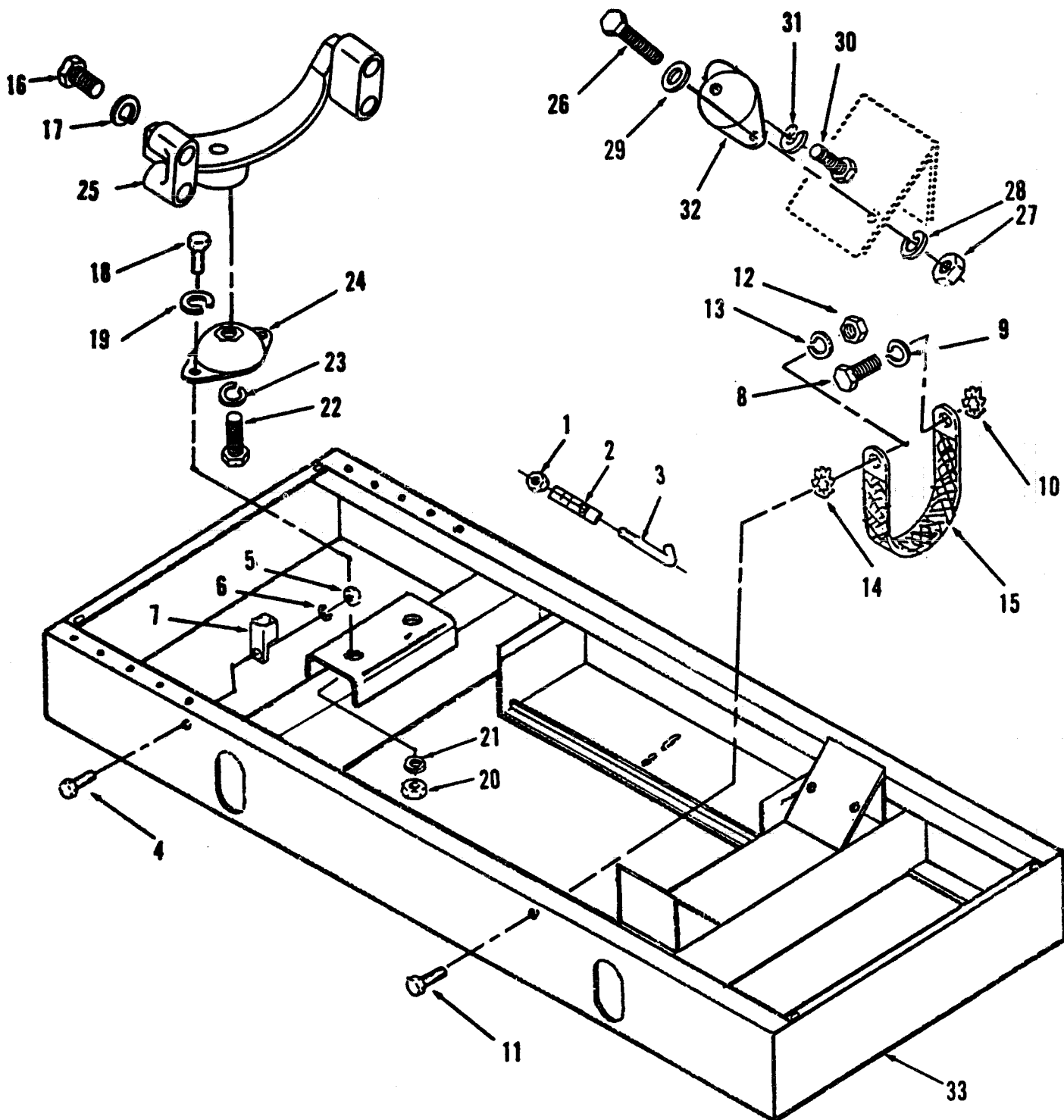


Set Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	406-0639	1	Key, Handle - Door	13			Door, Control
2	815-0607	20	Screw, Machine - Oval Head (#8-32 x 3/8")		405-3836	1	Spec B-H
3	870-0235	20	Nut, Self-Locking - Hex (#8-32)		405-3875	1	Spec J
4	406-0626	5	Handle, Door (Includes Key)	14	405-3828	1	Panel, Housing - Rear
5			Top, Housing	15	405-3833	1	Grille
	405-4129	1	Spec B-G	16	405-3826-01	1	Post, Housing - Rear (RH)
	405-4639	1	Spec H-J	17	405-3826-02	1	Post, Housing - Rear (LH)
6	405-3941	2	Door, Housing	18	405-4124	2	Post, Housing - Center
7	406-0624	4	Hinge, Pivot - Door (Spec B-H)	19	98-5429	2	Decal "COOLANT FILL"
8	405-3837	2	Panel, Housing - Side	20	818-0150	8	Rivet, Drive
9	406-0574	4	Hinge, Pivot - Door	21	526-0003	8	Washer, Flat
10			Door, Housing - Side	22	405-1872	4	Clip, Door (Non-metallic)
	405-3835	2	Spec B-G	23			Screw, Hex Head
	405-4641	2	Spec H		821-0029	24	Self-Locking (3/8-16 x 3/4")
	405-4876-01	2	Spec J		821-0014	8	Self-Locking (5/16-18 x 1/2")
11			Door, Access - Right Side (Includes Door Clips)		815-0236	8	Thread Cutting (5/16-18 x 9/16)
	405-3984	1	Spec B-G	24	819-1083	15	Screw, Pan Head - Machine (1/4-20 x 7/16")
	405-4643	1	Spec H				Nut, Self-Locking - Hex (3/8-16)
	405-4877	1	Spec J	25			(5/16-18)
12			Door, Access - Left Side (Includes Door Clips)		870-0281	22	Bumper
	405-3985	1	Spec B-G		870-0257	4	Plug, Hole - 2.5 Dia.
	405-4646	1	Spec H	26	508-0231	6	Washer, Flat (.312)
	405-4878	1	Spec J	27	517-0138-09	1	
				28	526-0115	4	

Note: New doors can be used for service parts, if replaced together

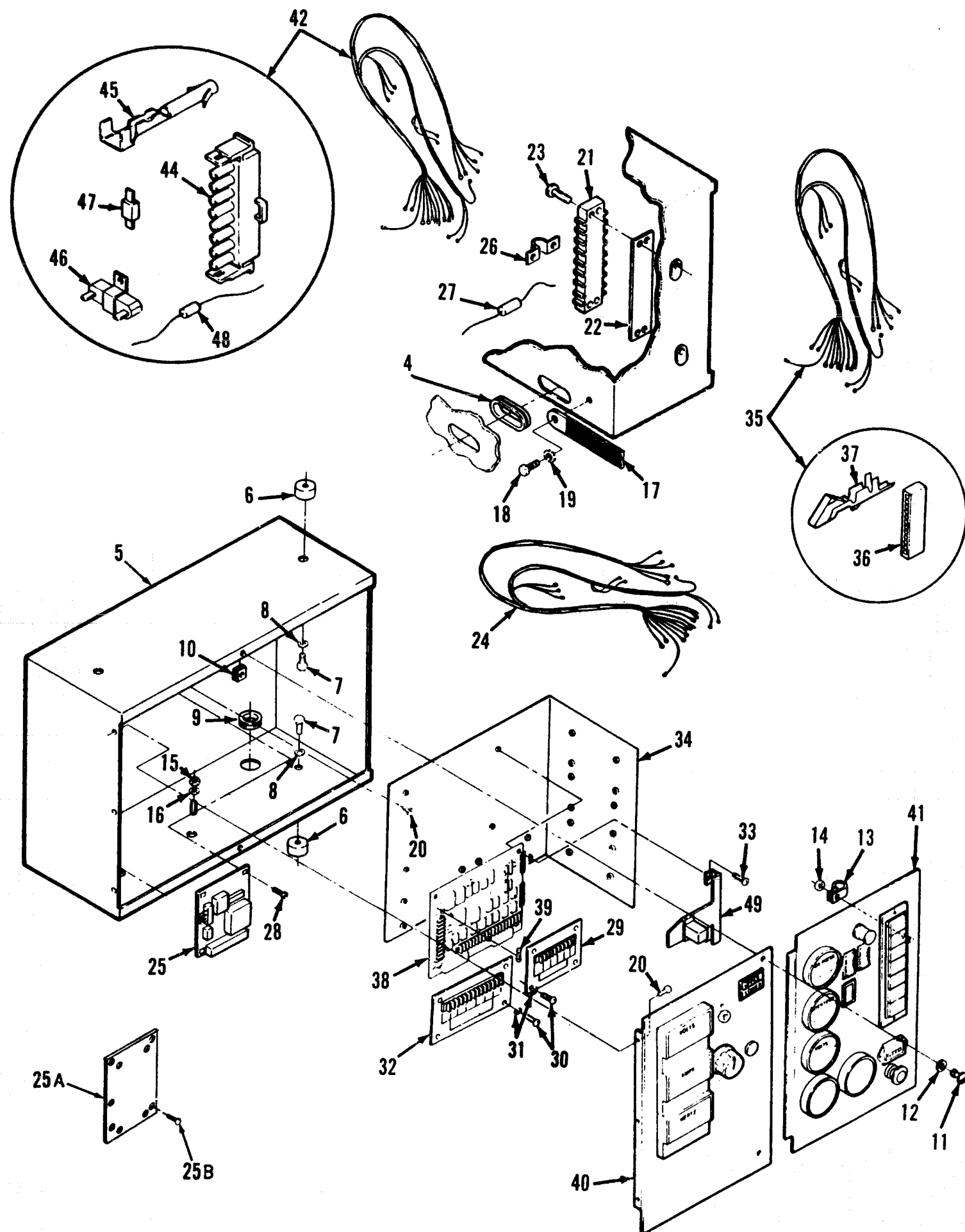
Skid



Skid

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0212	1	Nut, Self-Locking - Hex (1/4-20)	15	337-0090	1	Strap, Electrical
2	416-0975	1	Holddown, Battery	16	800-2121	4	Screw, Cap - Hex Head (M12 x 1.75 x 75mm)
3	416-0853	1	Stud, Holddown - Battery	21	526-0219	6	Washer, Flat (1/2")
4	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")	22	800-0520	3	Screw, Cap - Hex Head (3/4-10 x 1")
5	870-0257	1	Nut, Lock (5/16-18)	23	850-0079	3	Washer, Lock - Spring (3/4")
6	856-0008	1	Washer, Lock - EIT (5/16)	24	402-0030	1	Mount, Vibration - Engine
7	332-1473	1	Lug, Solderless	25	403-2567	1	Support, Engine
8	800-2111	1	Screw, Cap - Hex Head (M12 x 1.75 x 25mm)	26	800-0071	4	Screw, Cap - Hex Head (7/16-14 x 1")
9	850-2012	5	Washer, Lock - Spring (M12)	27	862-0004	4	Nut, Hex (7/16-14)
10	856-0013	2	Washer, Lock - EIT (1/2")	28	850-0055	4	Washer, Lock - Spring (7/16")
11	800-0091	3	Screw, Cap - Hex Head (1/2-13 x 1")	32	402-0568	2	Mount, Vibration - Generator
12	862-0016	3	Nut, Hex (1/2-13)	33			Skid, Base
13	850-0060	3	Washer, Lock - Spring (1/2")		403-2907	1	Spec 8-G
					403-3367	1	Spec H

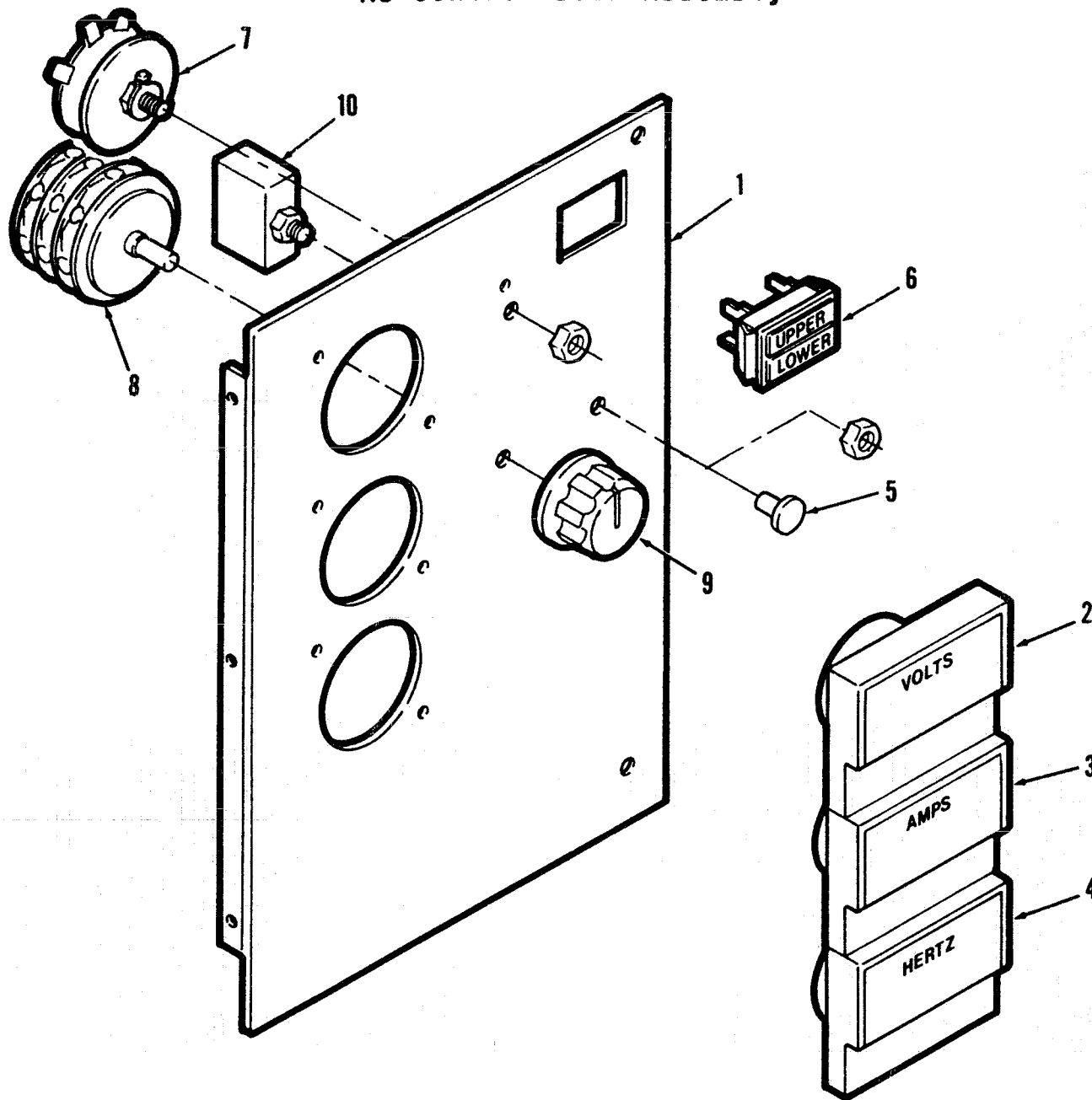
Control



Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	508-0051	1	Grommet (2" Hole)	29	300-2856	1	Board, Printed Circuit - Alarm Relay (A14)
5	301-8065	1	Box, Control	30	812-0063	8	Screw, Machine - Round Head (#6-32 x 1/2")
6	402-0527	4	Isolator, Vibration	31	853-0003	8	Washer, Lock - ET (#6)
7	800-0045	4	Screw, Cap - Hex Head (5/16-18 x 3/8")	32	300-2863	1	Board, Printed Circuit - Alarm Relay (A13)
8	850-0045	4	Washer, Lock - Spring (5/16")	33	815-0544	4	Screw, Machine - Round Head - Cross Recessed with IT (#6-32 x 1/2")
9	508-0001	1	Grommet (1-1/16" Hole)	34	301-8851	1	Bracket, Mounting
10	406-0332	2	Receptacle, Fastener	35	338-2277	1	Harness, Wiring - DC (Includes Connector Housing and Contact Pins) (DC Door Assembly to Engine Monitor)
11	406-0333	2	Stud, Fastener	36			Housing, Connector
12	406-0334	2	Washer, Retainer - Stud		323-1308	1	12 Place (J4)
13	332-0052	2	Clip, Wire		323-1310	1	13 Place (J3)
14	870-0131	6	Nut, Hex - With ET (#10-32)	37	323-1302	12	Pin, Contact
15	871-0015	1	Nut, Hex (1/4-20) Grounding Stud	38			Monitor, Engine (Includes Fuses) (A11)
16	853-0013	1	Washer, Lock - ET (1/4") Grounding Stud		300-2810	1	7 Light Control
17	337-0049	1	Strap, Ground		300-2812	1	12 Light Control
18	800-0024	1	Screw, Cap - Hex Head (5/16-18 x 1/2")	39			Fuse
19	856-0008	1	Washer, Lock - EIT (5/16")		321-0270	2	20 Amp (F1,F2)
20	821-0004	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")		321-0231	1	15 Amp (F3)
21	332-0607	1	Block, Terminal - 12 Place (TB21)		321-0094	2	5 Amp (F4,F5)
22	332-2723	1	Strip, Marker - 12 Place	40	-	1	Door Assembly, Control - AC (See Separate Page for Components)
23	812-0065	2	Screw, Machine - Round Head (#6-32 x 5/8")	41	-	1	Door Assembly, Control - DC (See Separate Page for Components)
24			Harness, Wiring	42			Harness, Wiring - Engine to Control (Includes Grommet, Resistor, Rectifier, Diode, Connector Housing and Sockets)
	338-2278	1	AC Door Assembly to TB21 Terminal Block (Includes TB21 Terminal Block)		338-2429	1	Spec B through E
	338-1835	1	Alarm Relay (8 Wire) (A13 to A11TB1 and TB2)		338-2619	1	Spec F
	338-1836	1	Alarm Relay (5 Wire) (A14 to A11TB2)		338-2814	1	Spec G
25			Board, Regulator - Voltage (VR21) (Also Available From Newage as Part Number E000-24030)		338-2842	1	Begin Spec H
	305-0824	1	Non-PMG Generator - (Newage Part Number E000-24030)	44			Housing, Connector
	305-0823	1	PMG Generator (Newage Part Number E000-23210)		323-1304	1	6 Place (J2)
25A	319-0652	1	Plate, Mounting - Voltage Regulator (PMG Generator)		323-1306	1	8 Place (J1)
25B	815-0544	6	Screw, Locking Head (#6-32 x 1/2") PMG Generator	45	323-1200	11	Socket, Female
26	332-1043	1	Jumper, Terminal (TB21-22 to 21)	46	353-0094-01	1	Resistor (R1)
27	350-1222	1	Resistor (TB21-32 to 26)	47	357-0030	1	Rectifier (CR1)
28	815-0540	4	Screw, Machine - Round Head - Cross Recessed with IT (#8-32 x 1")	48	359-0051	1	Diode (CR2)
				49	-	1	Relay, Run (See Separate Page for Components)

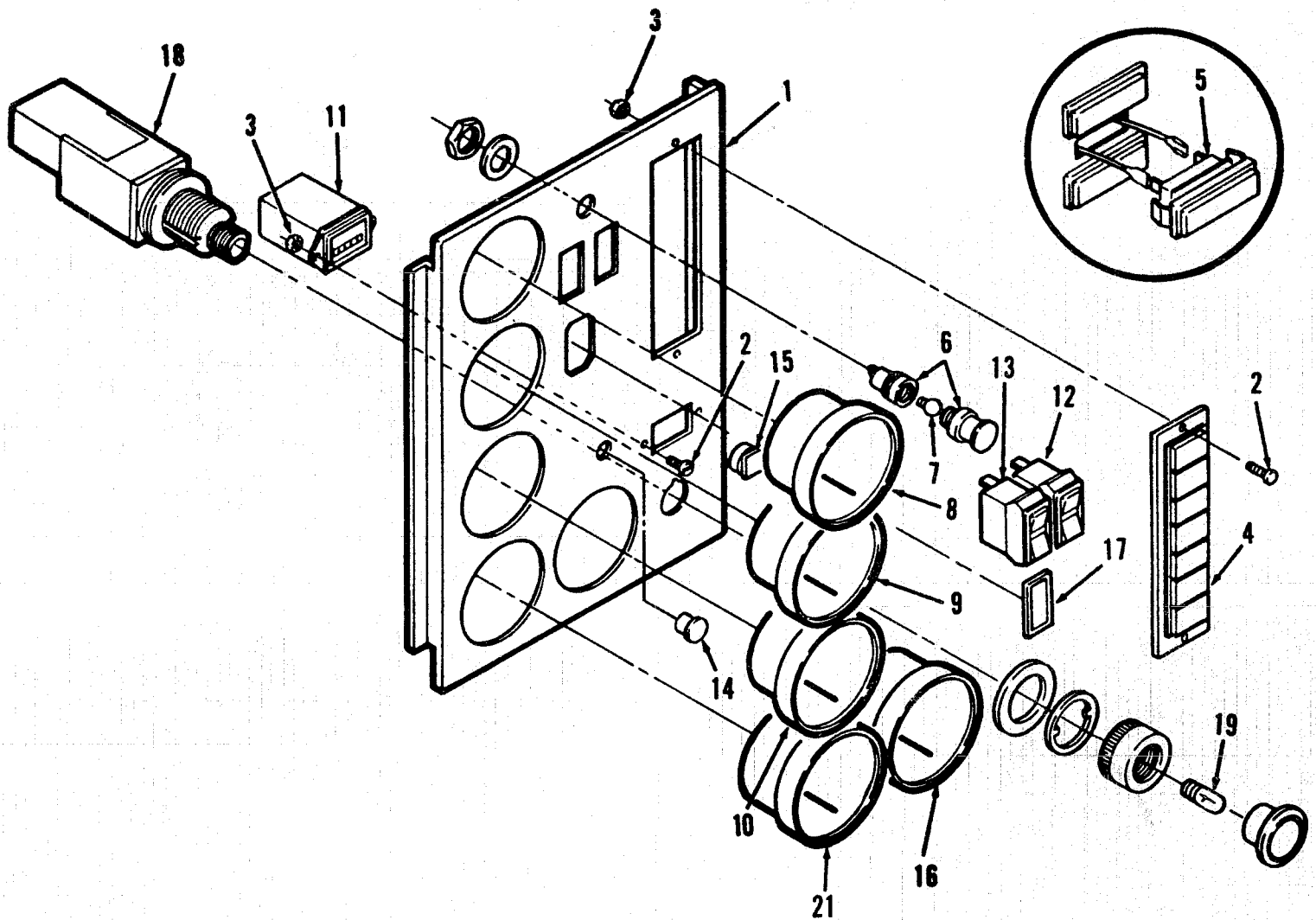
AC Control Door Assembly



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
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	302-1720	1	Meter, Frequency (M23)
5	517-0131	1	Plug, Hole (3/8" Hole)
6	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21, DS22)

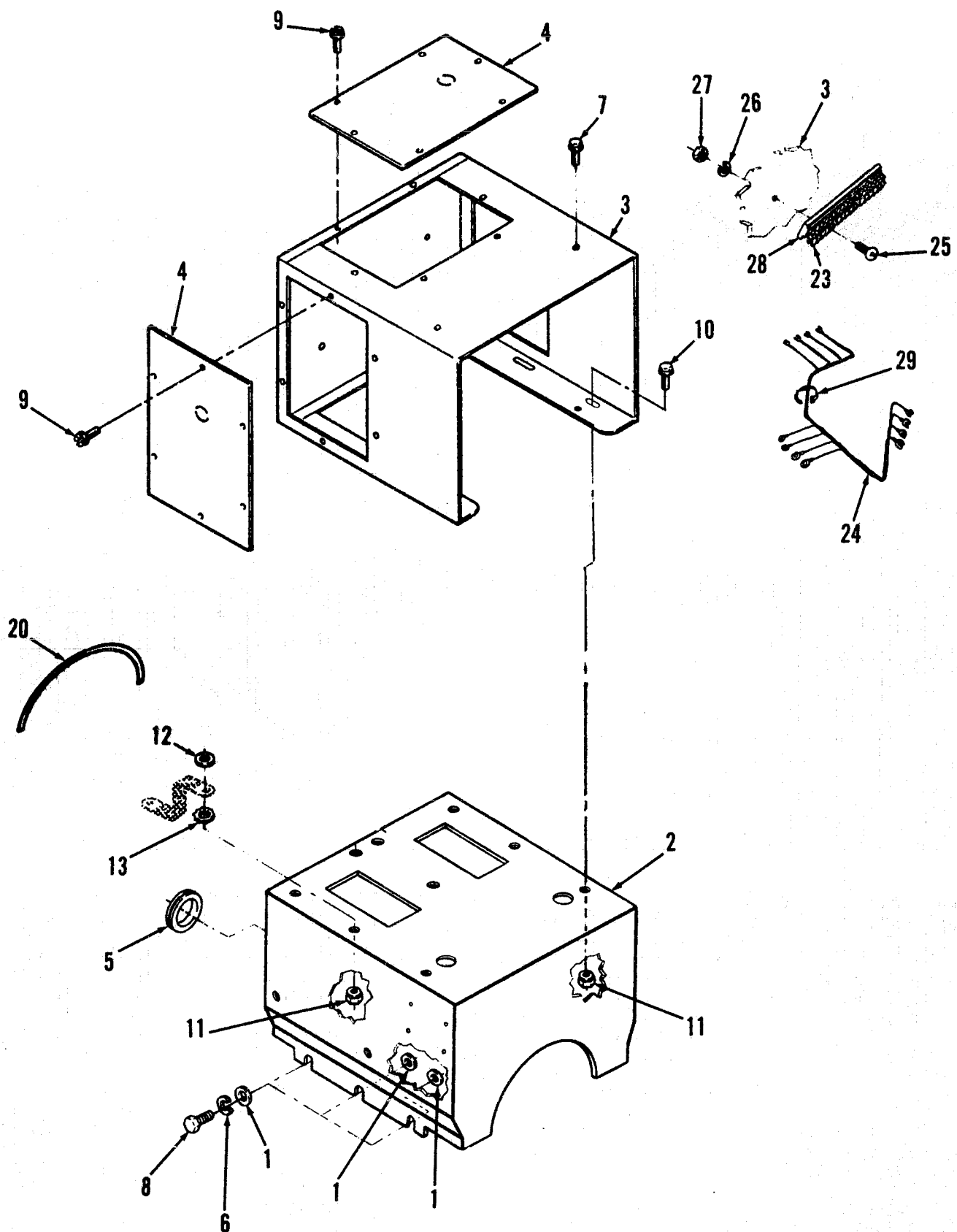
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7			Potentiometer, Adjust - Voltage (R21)
	303-0261	1	1.5K Ohms (Used with Model SX440 Voltage Regulator) (Non-PMG Generator)
	303-0285	1	5K Ohms (Used with Model MX321 Voltage Regulator) (PMG Generator)
8	308-0882	1	Switch, Rotary - Voltmeter/Ammeter (Knob 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 With Holes	10	302-1642	1	Voltmeter (M13)
	301-9055-01	1	With Five Holes	11	302-0885	1	Meter, Totalizing - Time (M14)
2	815-0385	4	Screw, Machine - Round Head (#6-32 x 1/2")	12	308-0785	1	Switch, Rocker - Restart/ 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	3	Resistor (Mounted on Oil Pressure, Oil Temperature Gauges, and Water Temperature Gauges (R11,R12,R13)
	322-0360-02	1	12 Light Assembly	16	302-1723	2	Ammeter, Scale - Blank
5	322-0369-02	1	Light, Indicator - Replacement	17	301-6257	1	Blank, Switch
6	322-0361	1	Light, Panel (DS11)	18	308-0853	1	Switch, Pushbutton - Emergency Stop (S14)
7	322-0017	1	Bulb, Light - Replacement	19	322-0223	1	Bulb, Switch - Pushbutton
8	193-0352	1	Gauge, Pressure - Oil (M11)	21	193-0330	1	Gauge, Temperature - Oil
9	193-0351	1	Gauge, Temperature - Water (M12)				

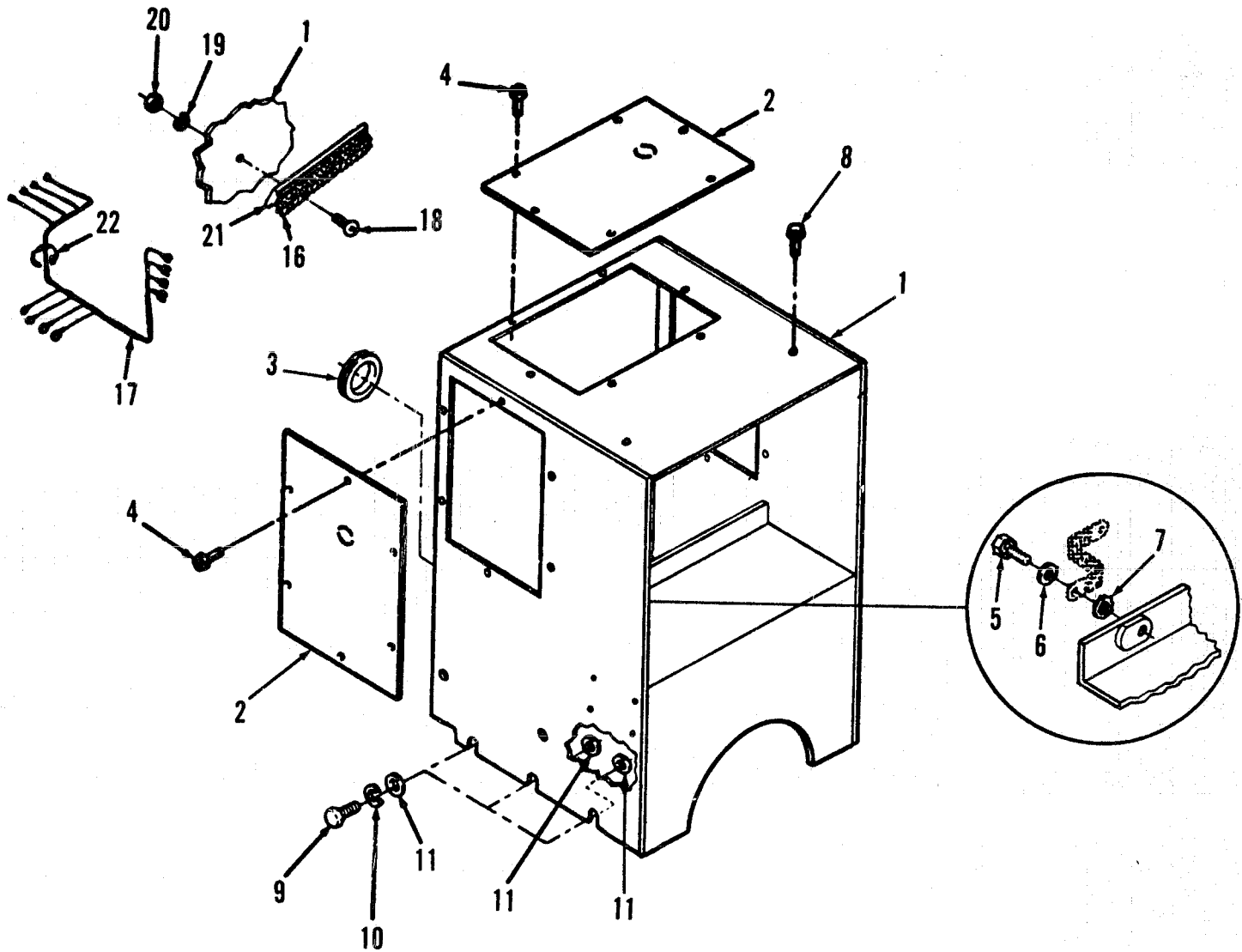
Control Housing Spec B thru E



Control Housing Spec B thru E

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	526-2140	8	Washer, Flat - Generator (M12)	10	821-0018	5	Screw, Cap - Locking Head (1/4-20 x 5/8")
2	319-0664	1	Saddle, Box - Control	11	870-0212	6	Nut, Hex - Locking (1/4-20)
3	319-0714	1	Housing, Box - Control	12	526-0018	2	Washer, Flat (1/4")
4	301-3156	3	Panel, Box - Control	13	856-0006	1	Washer, Lock - EIT (1/4")
5	508-0051	1	Grommet	20	508-1051	2	Trim, Edge
6	850-2012	6	Washer, Lock - Spring Generator (M12)	23	332-3107	1	Block, Terminal
7	821-0014	4	Screw, Cap - Locking Head (5/16-18 x 1/2")	24	338-2506	1	Harness, Wiring
8	800-2112	6	Screw, Cap - Hex Head (M12 x 1.75 x 30mm)	25	812-0085	3	Screw, Machine - Round Head (#8-32 x 1-1/8")
9	815-0350	18	Screw, Cap - Hex Slotted Head (#10-32 x 3/8")	26	850-0025	3	Washer, Lock - Spring (#8)
				27	870-0221	3	Nut, Machine - Hex (#8-32)
				28	232-3536	1	Base, Block - Terminal
				29	332-1445	4	Tie, Cable

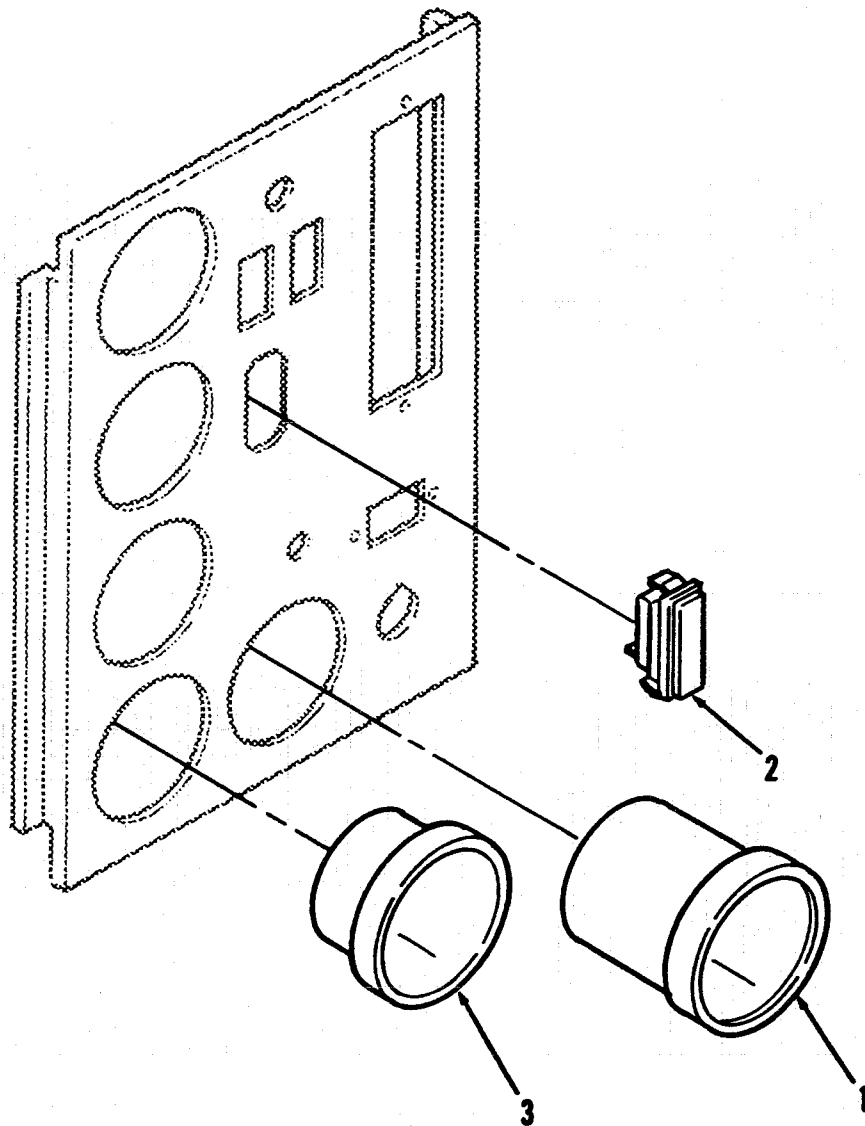
Control Housing
Begin Spec F



Control Housing Begin Spec F

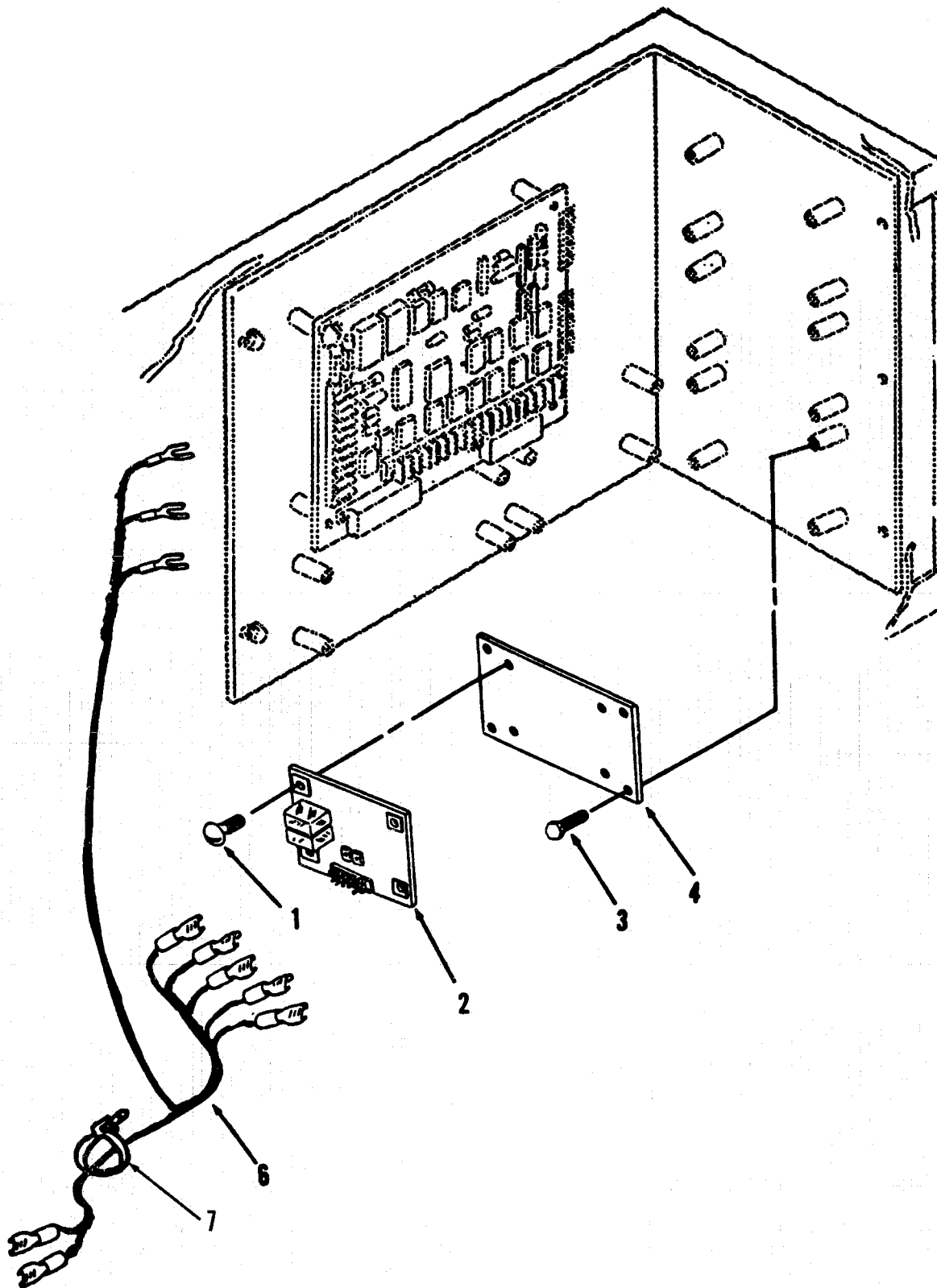
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1193	1	Box, Mounting - Control	10	850-2012	6	Washer, Lock-Spring (M12)
2	301-3156	3	Panel, Box - Control Mounting	11	526-2140	8	Washer, Flat (M12)
3	508-0051	1	Grommet	16	332-3107	1	Block, Terminal
4	815-0350	18	Screw, Hex - 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

Tachometer



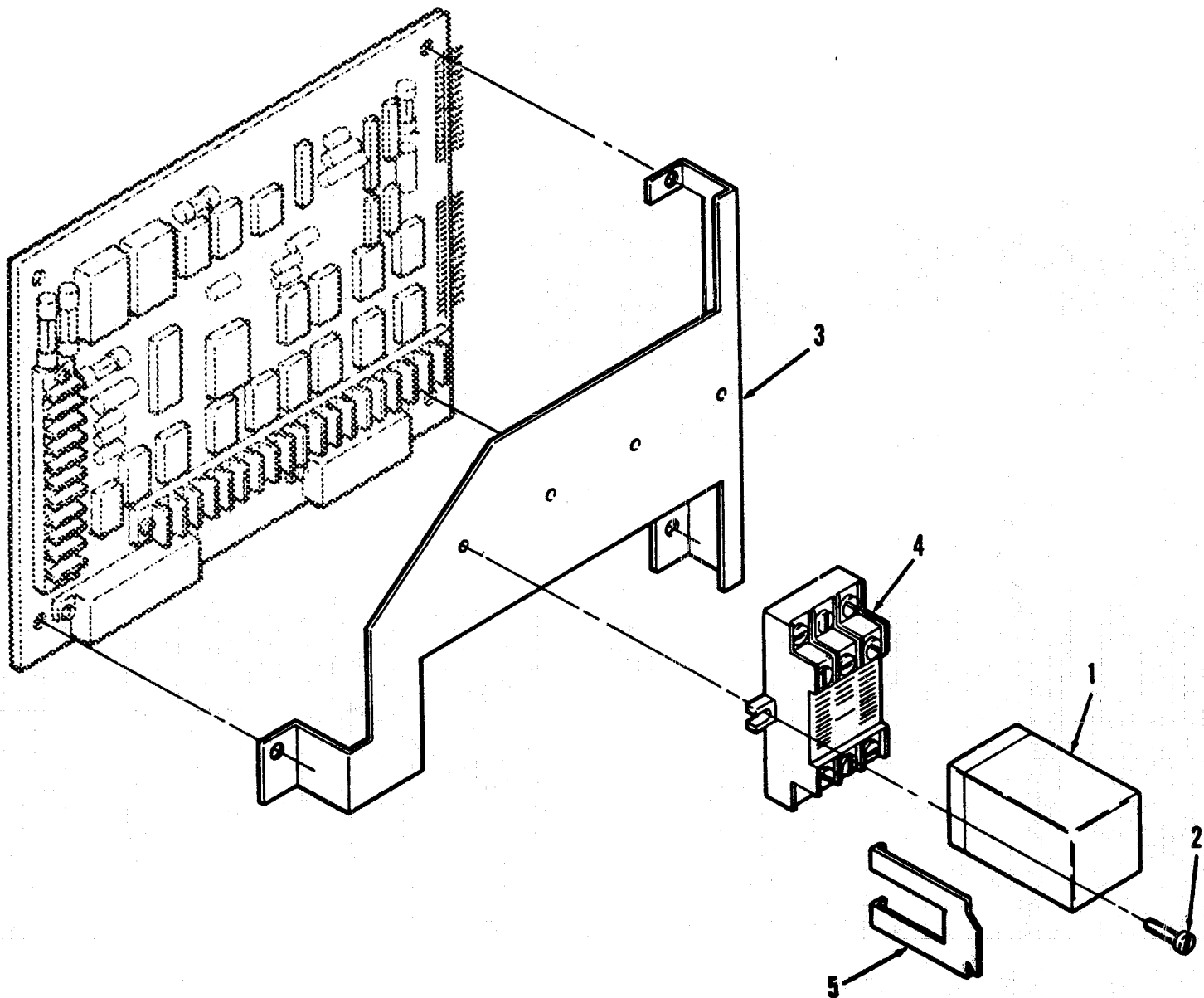
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1873-01	1	Tachometer (0-4000 RPM) (M16)	3	302-1723	1	Ammeter. Blank Scale
2	301-6257	1	Blank. Switch				

Electronic Overspeed Module



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	812-0084	4	Screw, Machine - Round Head (#8-32 x 1/2")	4	319-0754	1	Plate, Mounting - Overspeed Module
2	305-0818-02	1	Module, Overspeed - 24 VDC (Frequency Detection Module)	6	338-2493	1	Harness, Wiring (A16 to A11 and AUX-P2,P3)
3	815-0544	4	Screw, Cap - Hex Head with ET Lockwasher (#6-32 x 1/2")	7	332-1445	10	Tie, Cable

Run Relay

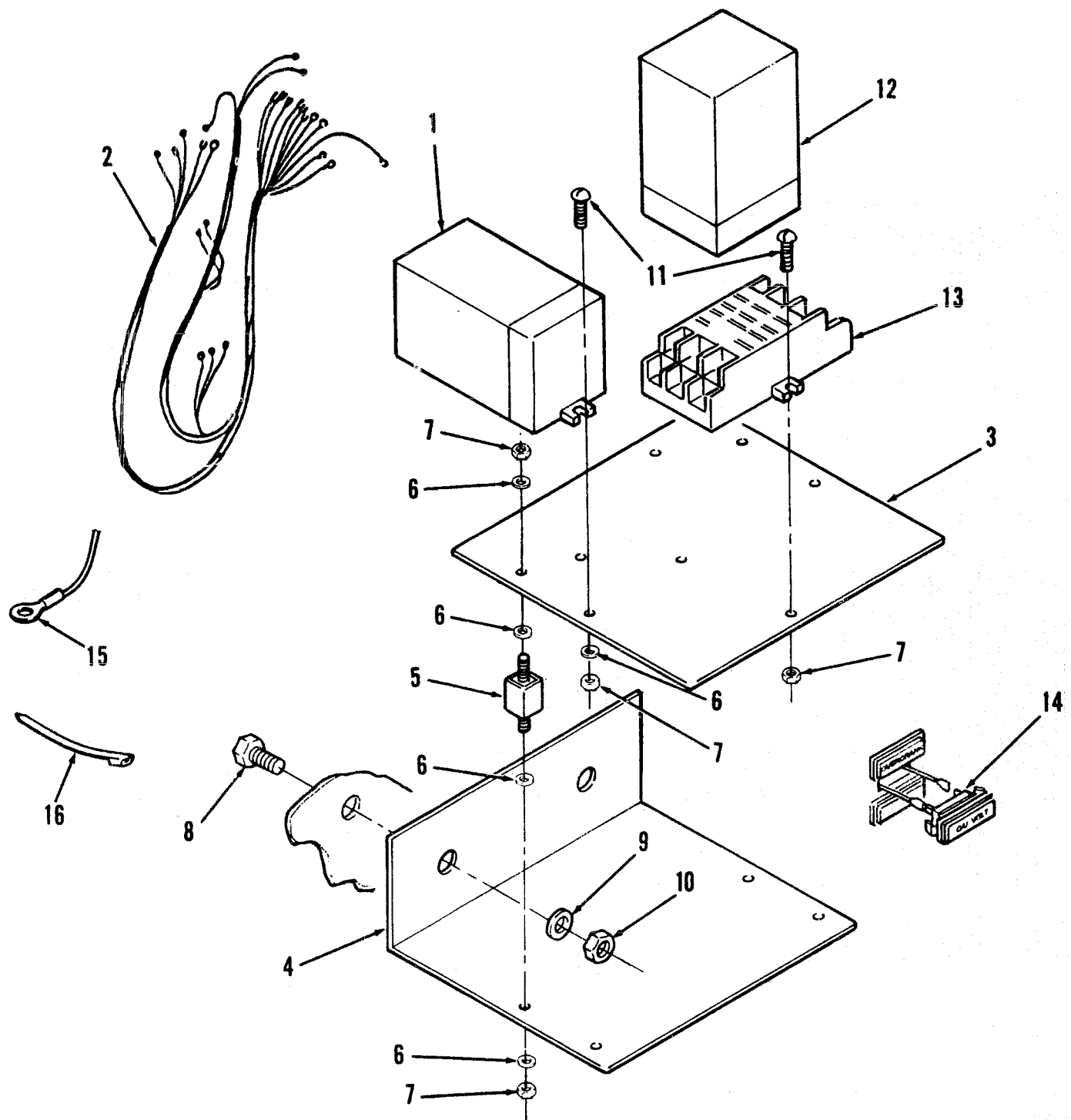


577B

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")

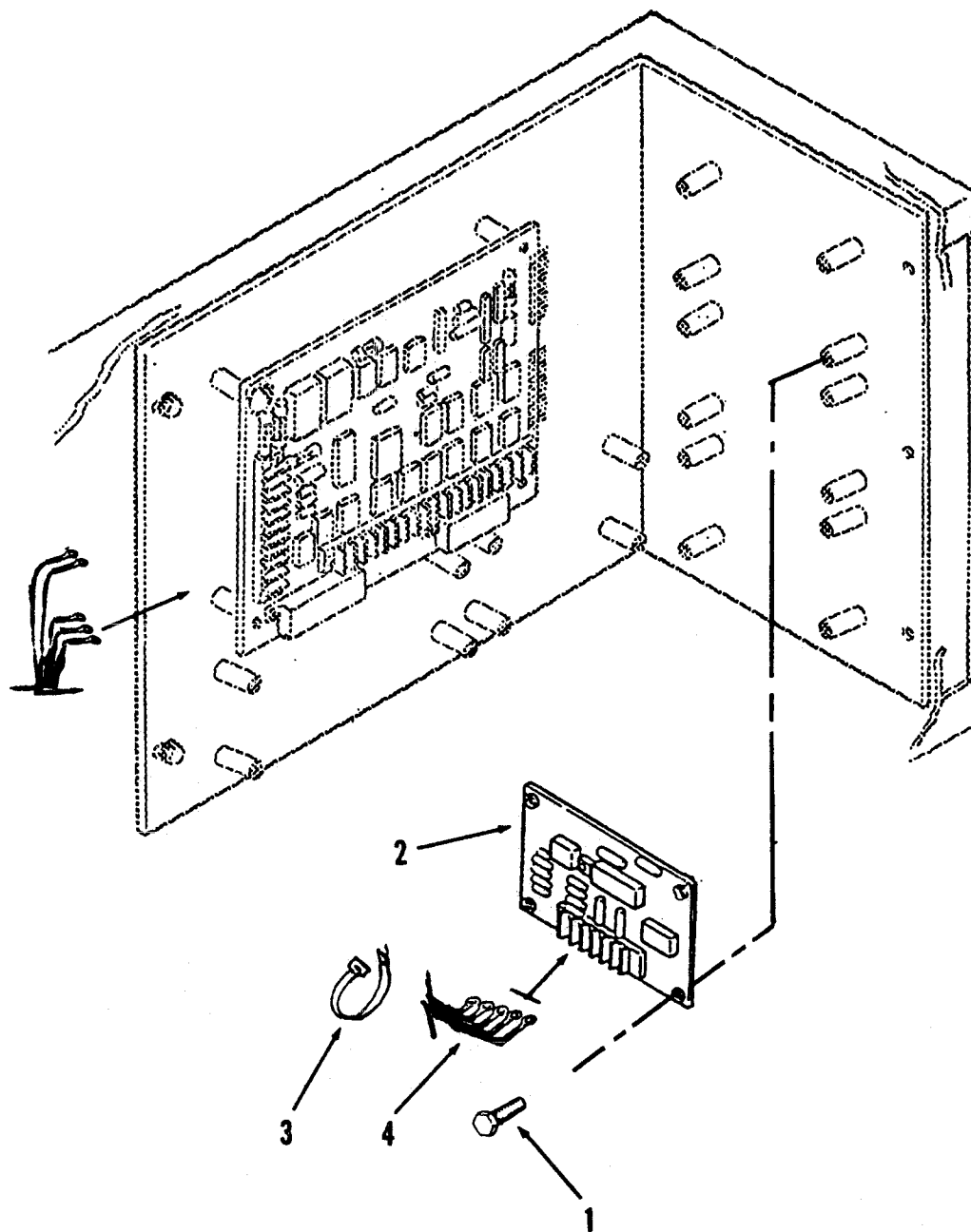
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	319-0447	1	Bracket, Mounting - Relay
4	323-0804	3	Socket, Relay
5	307-1987	6	Holddown, Relay

Over/Under Voltage Relay



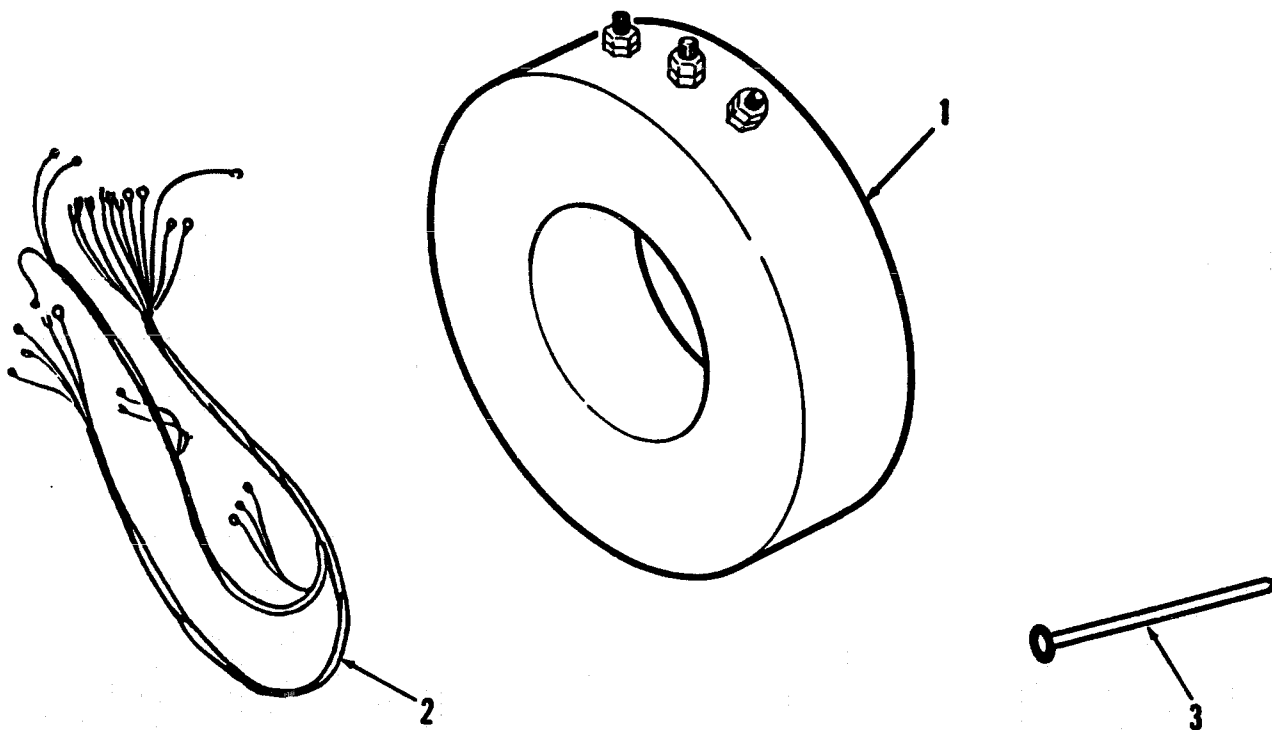
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2552	1	Relay, Voltage - Over/Under (120VAC) (A17)	9	850-0045	2	Washer, Lock - Spring (5/16")
2	338-2123	1	Harness, Wiring - Over/Under Voltage	10	862-0014	2	Nut, Hex (5/16-18)
3	301-9933	1	Plate, Mounting - Relay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

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)

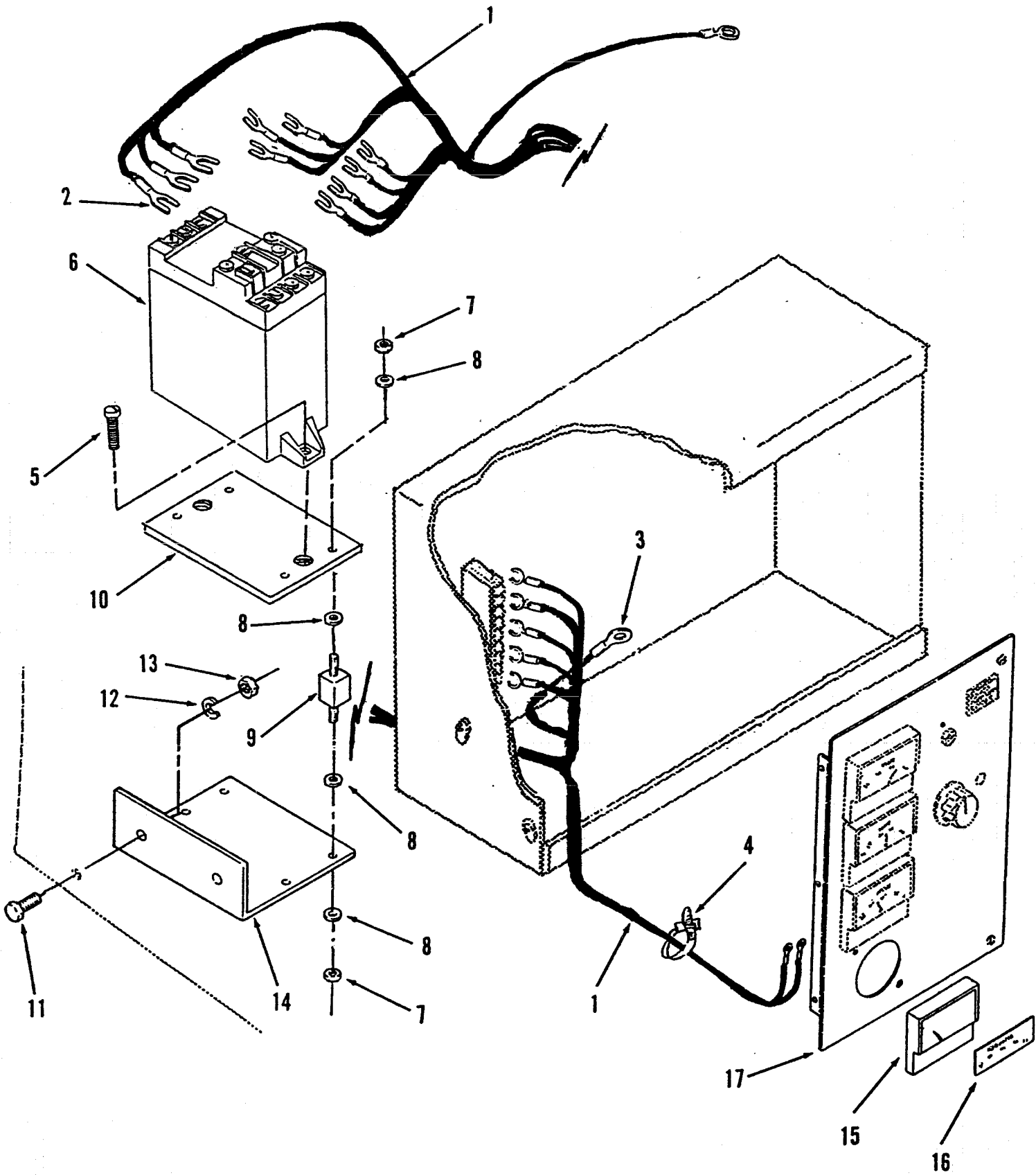
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current
	302-1845-05	3	Ratio 300/5
	302-1845-06	3	Ratio 400/5
	302-1845-07	3	Ratio 500/5

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

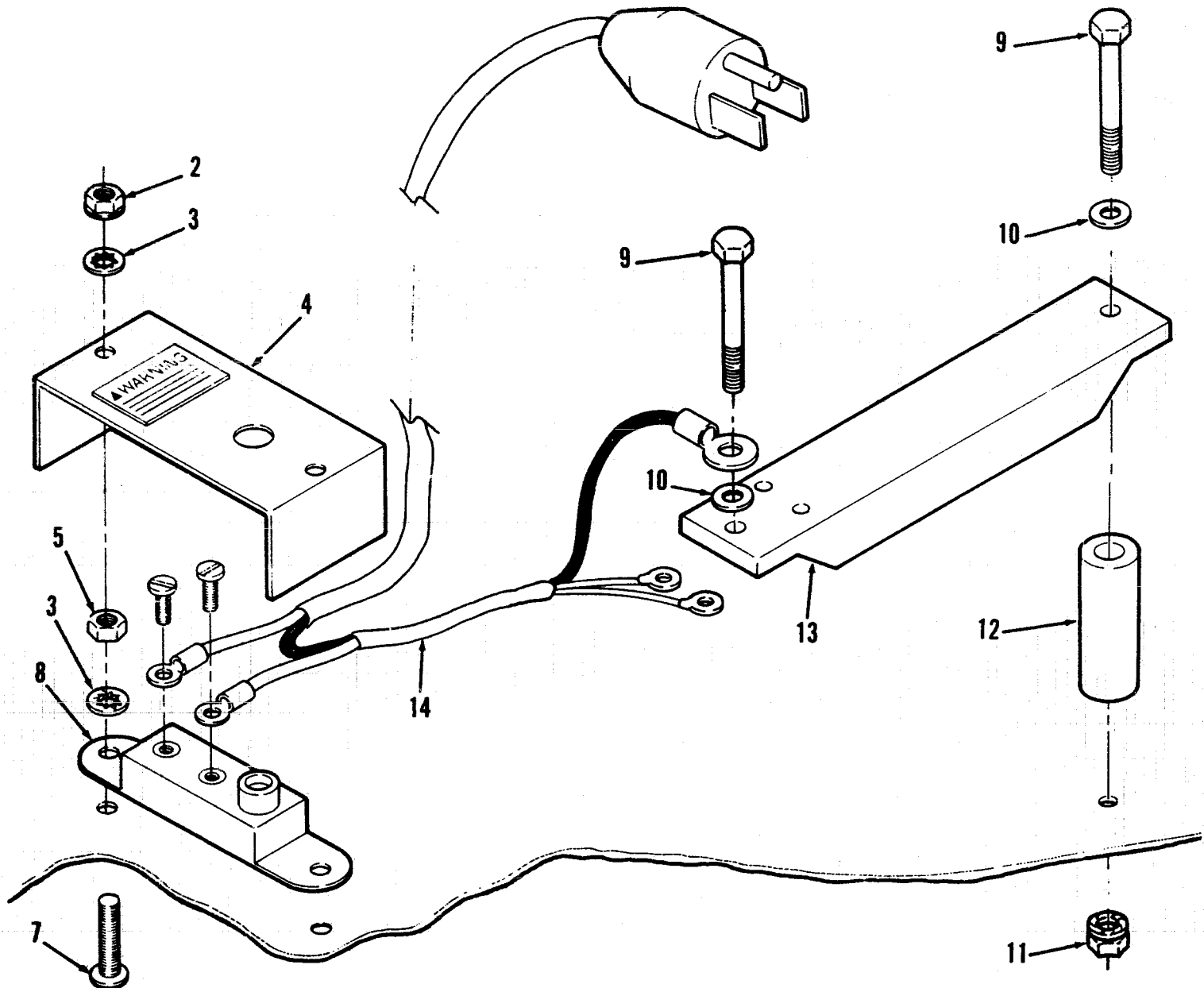
Wattmeter



Wattmeter

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

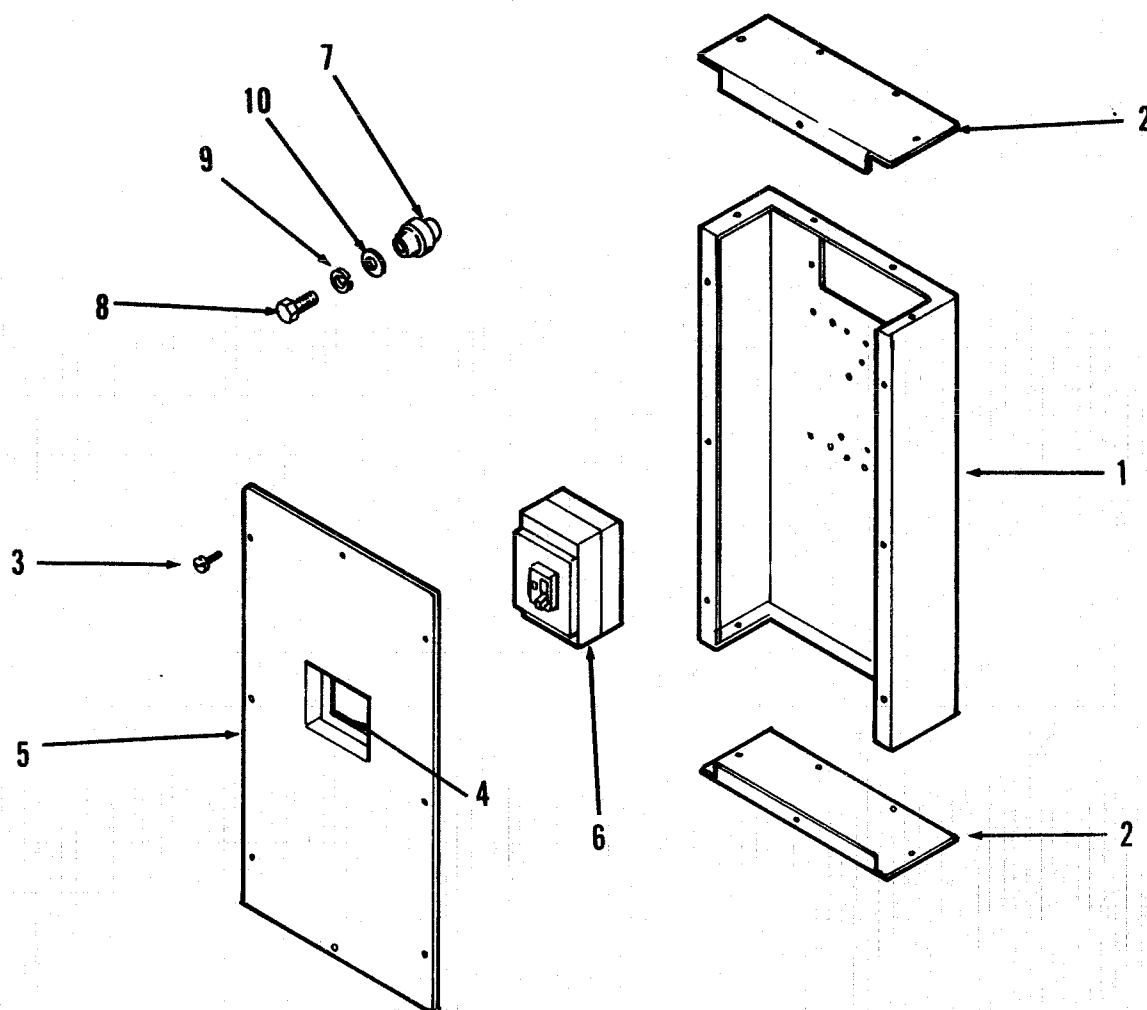
Control Space Heater



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")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	526-0113	2	Washer, Flat (5/16")
11	870-0257	2	Nut, Self-Locking - Hex (5/16-18)
12	130-1107	2	Spacer
13	333-0151		Heater, Electrical 75 Watt, 120 VAC
14	335-0161	1	Cable, Electrical, 120 VAC

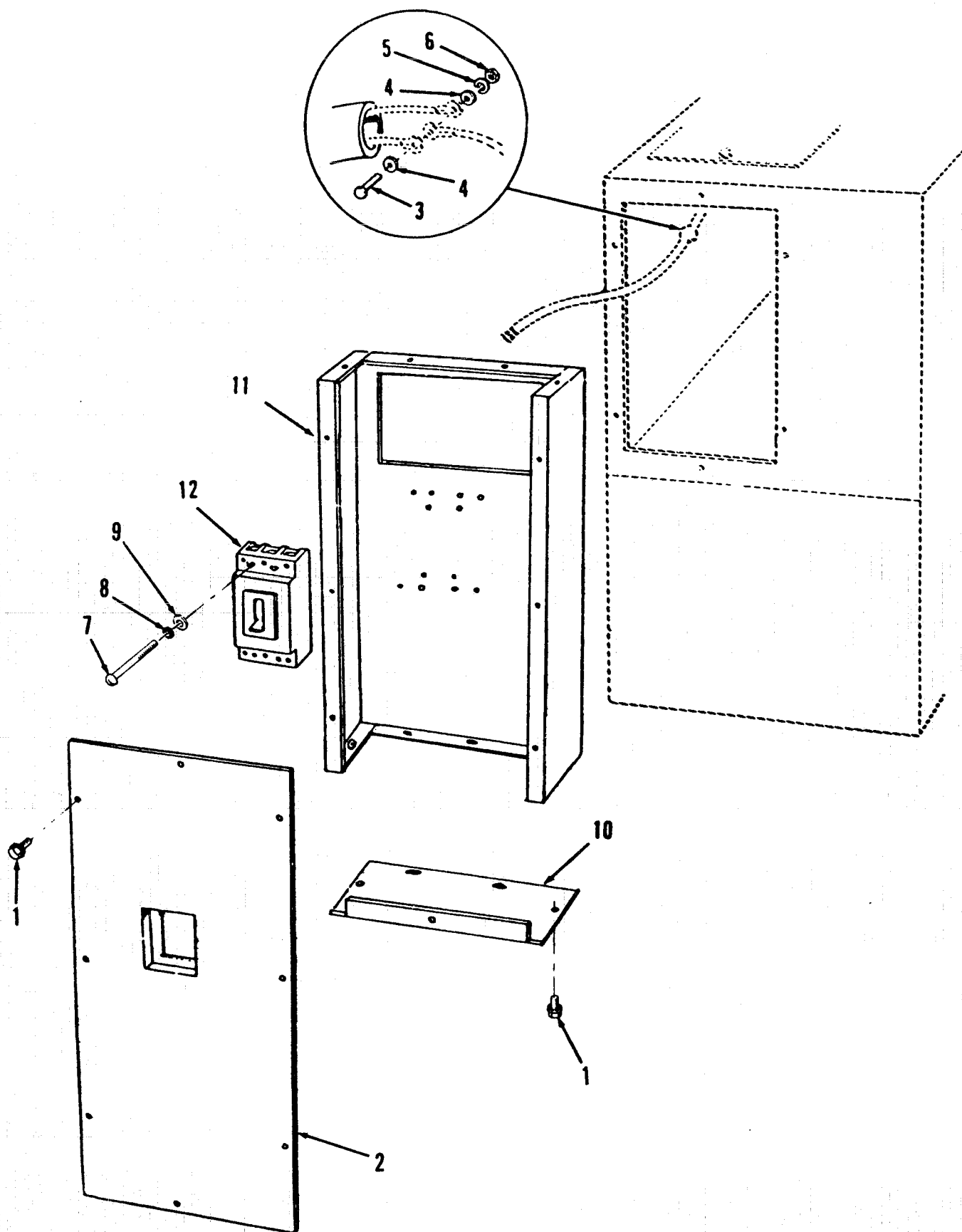
Entrance Box



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1332	1	Box. Breaker - Circuit
2	319-1333	2	Panel. Box - Circuit Breaker
3	821-0010	8	Screw (1/4-20 x 1/2")
4	508-0239	1	Edging
5	319-1335	1	Cover. Box
6	320-1725-05	1	Breaker, Circuit (660 Volt - 3 Pole)

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")

Circuit Breaker

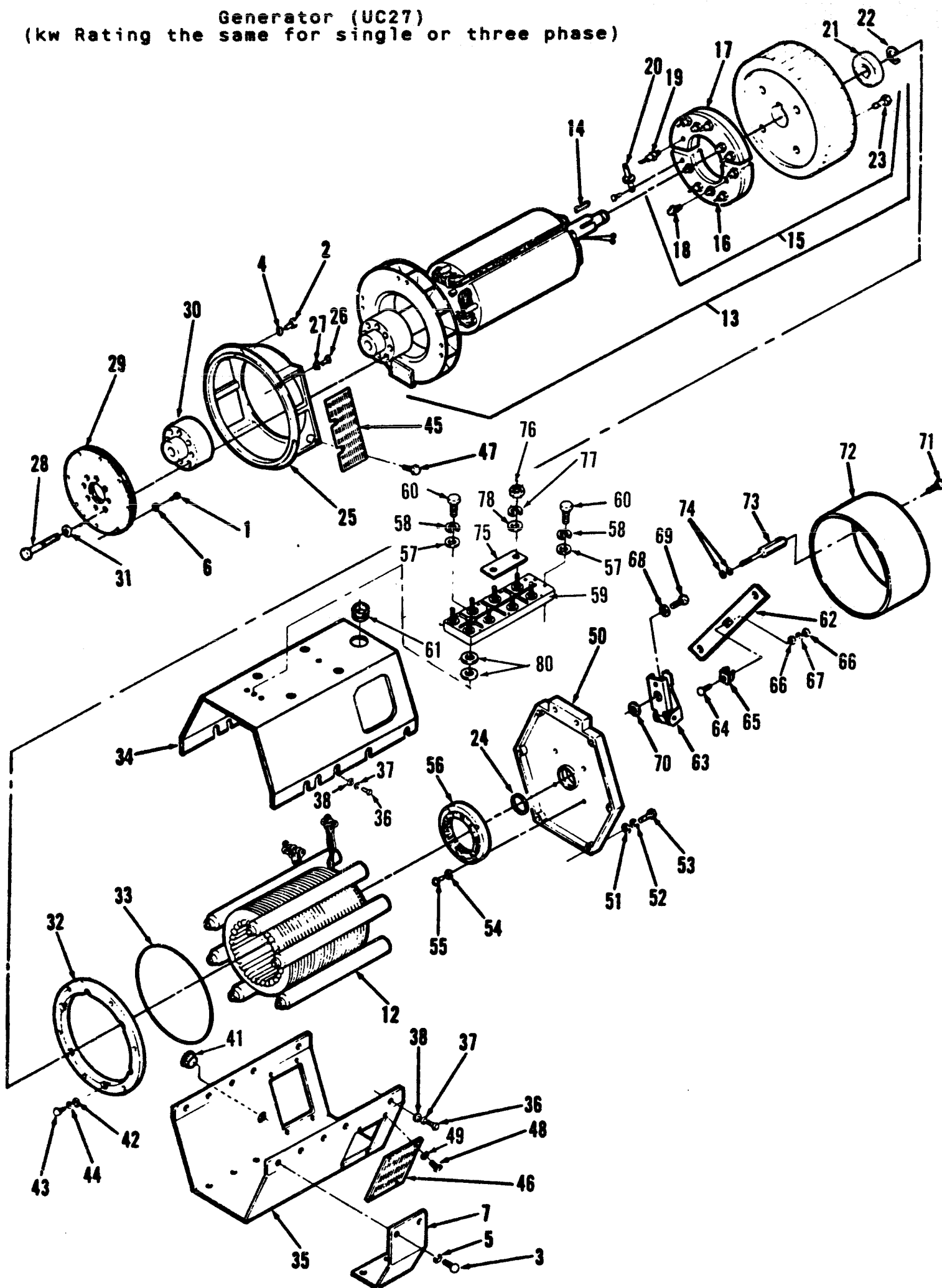


Circuit Breaker

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0010	16	Screw, Cap - Self-Locking (1/4-20 x 1/2")	10	301-9669	2	Panel, Box
2			Cover	11	301-9668	1	Box, Breaker
	301-9682	1	480 Volt	12			Breaker, Circuit
	301-9892	1	240 Volt, 600 Volt				240 Volt, 2 Pole
3	800-0028	5	Screw, Cap - Hex Head (5/16-18 x 1")		320-1555-14	1	400 Ampere
4	526-0022	5	Washer, Flat (5/16")		320-1555-10	1	240 Volt, 3 Pole
5	850-0045	5	Washer, Lock - Spring (5/16")		320-1555-15	1	225 Ampere
6	862-0015	5	Nut, Hex (5/16-18)		320-1555-16	1	250 Ampere
7			Screw, Machine - Round Head		320-1555-17	1	300 Ampere
	812-0157	4	1/4-20 x 1-3/4" - 240 Volt; 250 Amp and Above Breakers				350 Ampere
	812-0094	4	#8-32 x 3-5/8" - 480 and 600 Volt, 3 Pole		320-1458-30	1	480 Volt, 3 Pole
8			Washer, Lock - Spring		320-1458-31	1	125 Ampere
	850-0040	4	1/4" - 240 Volt Breakers				150 Ampere
	850-0025	4	#8 - 250 Volt and Above Breakers		320-1458-47	1	600 Volt, 3 Pole
9			Washer, Flat		320-1458-48	1	125 Ampere
	526-0108	4	1/4" - 240 Volt Breakers				150 Ampere
	526-0048	4	#8 - 250 Volt and Above Breakers				

Generator (UC27)
(kw Rating the same for single or three phase)

(kw Rating the same for single or three phase)



Generator (UC27)
(kw Rating the same for single or three phase)

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")	34			Cover, Stator - Upper
2	800-2088	12	Screw, Cap - Hex Head (M10 x 1.5 x 35)		234-0917-01		65/80DGDA, 100DGDB, 80°C, 180-208/380-416; 105°C, 180-208/380-416; 100DGDB, 105°C 347/600
3	800-2113	8	Screw, Cap - Hex Head (M12 x 1.75 x 35)		234-0917-02		85/100DGDB, 80°C, Broad Range, 100DGDB, 80°C, 347/600
4	850-2010	12	Washer, Lock - Spring (M10)		234-0917-04		100DGDB 105°C, Broad Range
5	850-2012	8	Washer, Lock - Spring (M12)	35			Cover, Stator - Lower
6	526-0174	8	Washer, Flat (M12)		234-0853-01		65/80DGDA, 100DGDB, 80°C, 180-208/380-416; 100DGDB, 105°C, 180-208/ 380-416; 100DGDB, 105°C 347/600
7	232-3454	2	Feet, Generator Mounting		234-0853-02		85/100DGDB, 80°C, Broad Range 100DGDB, 80°C, 347/600
12	xxx		Stator		234-0853-04		100DGDB, 105°C Broad Range
13	xxx		Rotor Assembly (Includes Parts Marked *)	36	800-2112	8	Screw, Cap - Hex Head (M12 x 30)
14			*Key	37	850-2012	8	Washer, Lock - Spring (M12)
	515-0298-02	1	65DGDA, 80DGDA, 1000DGDB	38	526-2140	10	Washer, Flat (M12)
	515-0298-03	1	85DGDB, 100DGDB, Broad Range Only	41	517-0135	1	Plug
15			*Rotor Assembly, Exciter (Includes Parts Marked ¶)	42	526-0077	6	Washer, Flat (M10)
	201-3434-02	1	65DGDA, 80DGDA, 100DGDB 105°C (Newage Part #210-1037)	43	800-2087	6	Screw, Cap - Hex Head (M10 x 30)
	201-3434-03	1	85DGDB, 100DGDB, 80°C (Newage Part #310-1028)	44	850-2010	6	Washer, Lock - Spring (M10)
16	357-0091	1	*¶Rectifier Assembly, Forward (Includes Diodes)	45	234-0867	2	Guard, Fan
17	357-0092	1	*¶Rectifier Assembly, Reverse (Includes Diodes)	46	234-0879	2	Screen, Air Inlet
18	358-0135-01	3	*¶Diode, Positive (Forward) Includes Lead	47	821-2020	8	Screw, Cap - Locking Head (M5 x 10)
19	358-0135-02	3	*¶Diode, Negative (Reverse) Includes Lead	48	815-0793-03	8	Screw, Cap - Locking Head (M5 x .8 x 12)
20	304-0807	1	*Varistor	49	850-2005	8	Washer, Lock - Spring (M5)
21	510-0164	1	*Bearing, Ball	50	211-0423		Bell, End
22	513-0083	1	*Ring, Retaining		211-0418-02		Bell, End - 100DGDB - 105°C Broad Range
23	821-2021	2	*Screw, Cap - Locking Head (M5 x 12)	51	526-0077	6	Washer, Flat (M10)
24	509-0266-02	1	Ring, "O"	52	850-2010	6	Washer, Lock (M10)
25	231-0317	1	Adapter, Generator (SAE 2)	53	800-2087	6	Screw, Cap - Hex Head (M10 x 30)
26			Screw, Cap - Hex Head	54	850-2006	4	Washer, Lock - Spring (M6)
	800-2091	5	M10 x 56	55			Screw, Cap - Hex Head (M6 x 1 x 60)
	800-2093	1	M10 x 60		800-2042	4	65/80DGDA, 105°C, Broad Range 100DGDB, 105°C, 180/208/ 380/416; 100DGDB, 80°C, 180-208/ 380-416; 100DGDB, 105°C, 347/600
27	850-2010	6	Washer, Lock - Spring (M10)		800-2046	4	85/100DGDB, 80°C, Broad Range 80DGDA, 105°C, Broad Range; 100DGDB, 105°C Broad Range; 100DGDB, 80°C, 347/600
28	720-1119	8	Screw, Cap - Hex Head (M16 x 40)				
29	232-3443	3	Disc, Generator Drive (SAE 11.5)				
30	232-3593	1	Hub, Drive-Generator				
31	526-0259	8	Washer, Flat (M16)				
32	231-0319	1	Ring, Adapter				
33	508-0139	-	Seal, Edging (Order by the Foot - 3 Feet Required)				

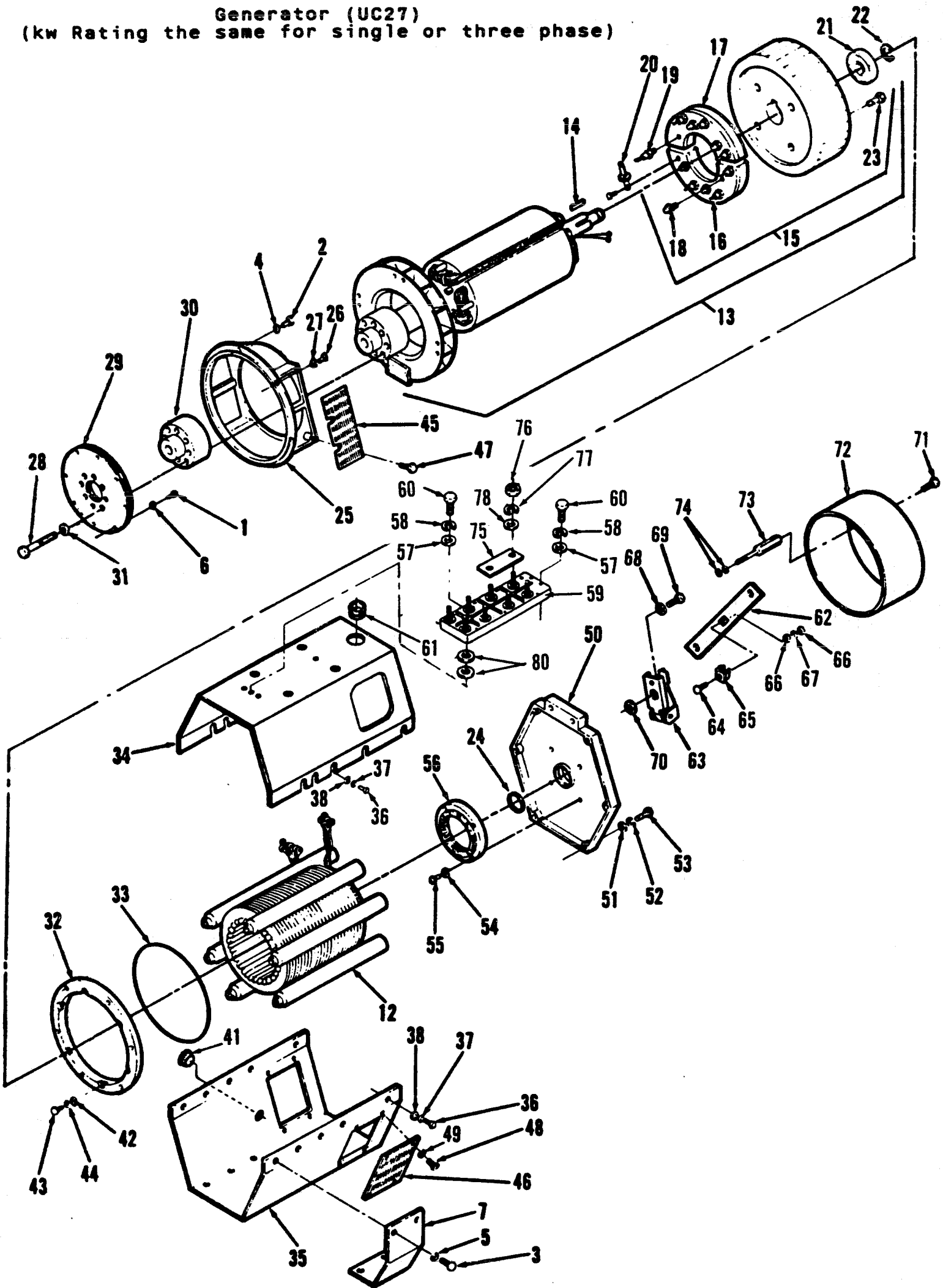
xxx - Order by Description, Giving Model, Spec. and
Number (Onan Nameplate).

* - 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 (UC27)
 (kw Rating the same for single or three phase)

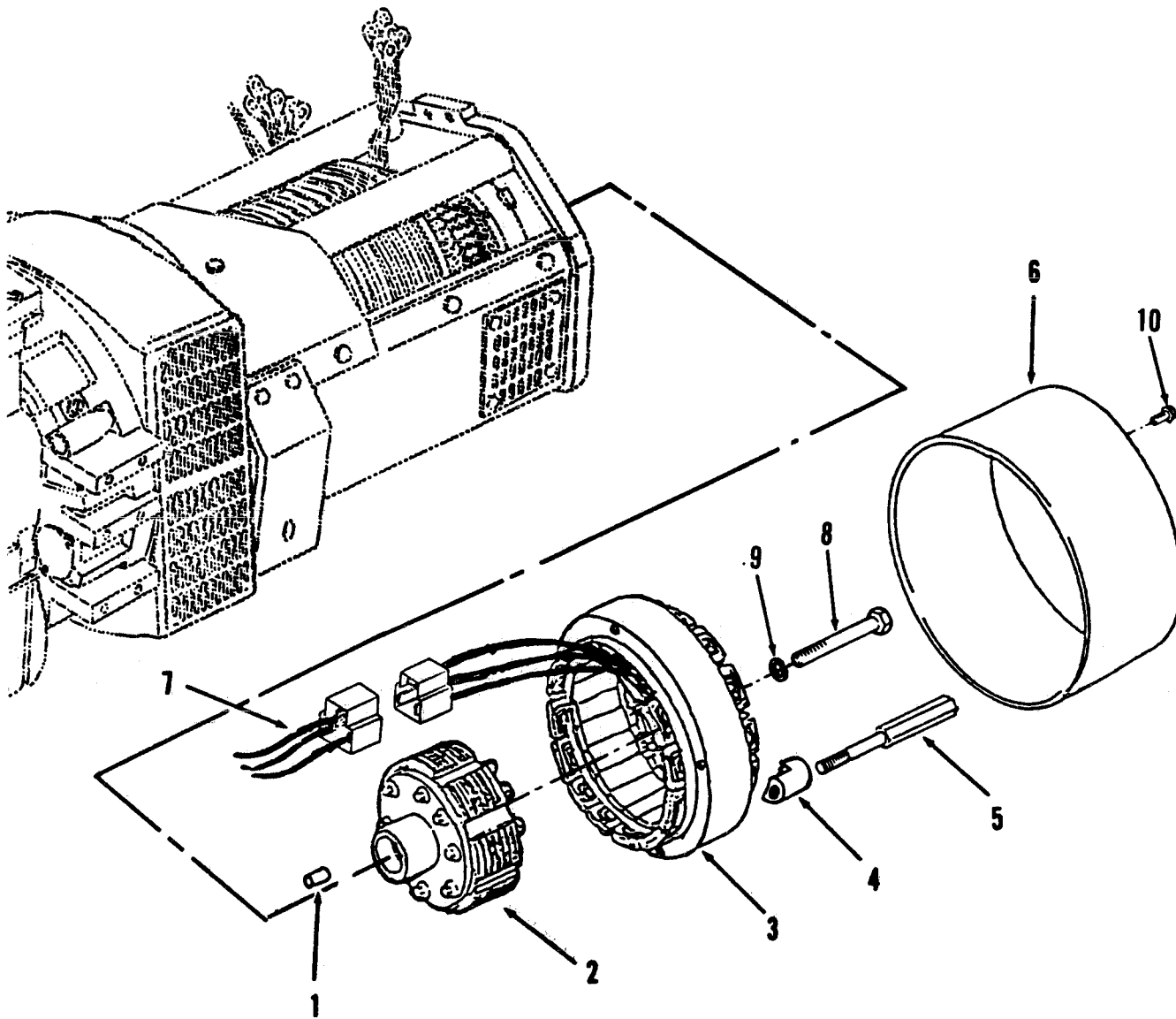


Generator (UC27)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
55			Screw, Cap - Hex Head (M6 x 1 x 60mm)	58	850-2008	3	Washer, Lock - Spring (M8)
	800-2042	4	65/80DGDA, 105°C, Broad Range	59	232-3421	1	Block, Terminal - Main
			100DGDB, 105°C, 180/208/ 380/416;	60	800-2060	3	Screw, Cap - Hex Head (M8 x 1.25 x 35)
			100DGDB, 80°C, 180-208/ 380/416;	61	508-1057	1	Grommet
	800-2046	4	100DGDB, 105°C, 347/600	62	150-2309	1	Bracket, Switch - Overspeed
			85/100DGDB, 80°C, Broad Range	63	150-0956	1	Switch, Overspeed
			80DGDA, 105°C, Broad Range;	64	150-0723	1	Point, Overspeed
			100DGDB, 105°C Broad Range;	65	870-0250	1	Nut, Insulated
			100DGDB, 80°C, 347/600	66	862-0001	2	Nut, Hex (1/4-20)
56			Stator, Exciter	67	853-0013	1	Washer, Lock - ET (1/4")
	220-4293-05	1	(Newage Part No. 230-1001)	68	856-0010	1	Washer, Lock - EIT (3/8")
			65/80DGDA, 105°C;	69	800-2088	1	Screw, Cap - Hex Head (M10 x 35mm)
			100DGDB, 80°C, 180-208/ 380-416;	70	526-0240	1	Washer, Flat (M10)
			100DGDB, 105°C, 180-208/ 380-416;	71	821-2020	4	Screw, Self-Locking - Hex Washer Head (M5 x 10mm)
			80°C/105°C 347/600	72	234-0875-01	1	Cover, Bell - End
	220-4293-06	1	(Newage Part No. 330-0100)	73	232-3462-01	4	Spacer, Cover
			80DGDA, 105°C, Broad Range	74	526-2080	4	Washer, Flat (M6)
			85/100DGDB, 80°C Broad Range;	75	332-2987	4	Link, Terminal
			100DGDB, 105°C, Broad Range	76	860-2009	8	Nut Hex (M10 x 1.5)
57	526-2100	3	Washer, Flat (M8)	77	850-2010	8	Washer, Lock (M10)
				78	526-2120	8	Washer, Flat (M10)
				79	526-2100	5	Washer, Flat (M8)

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

Permanent Magnet Exciter

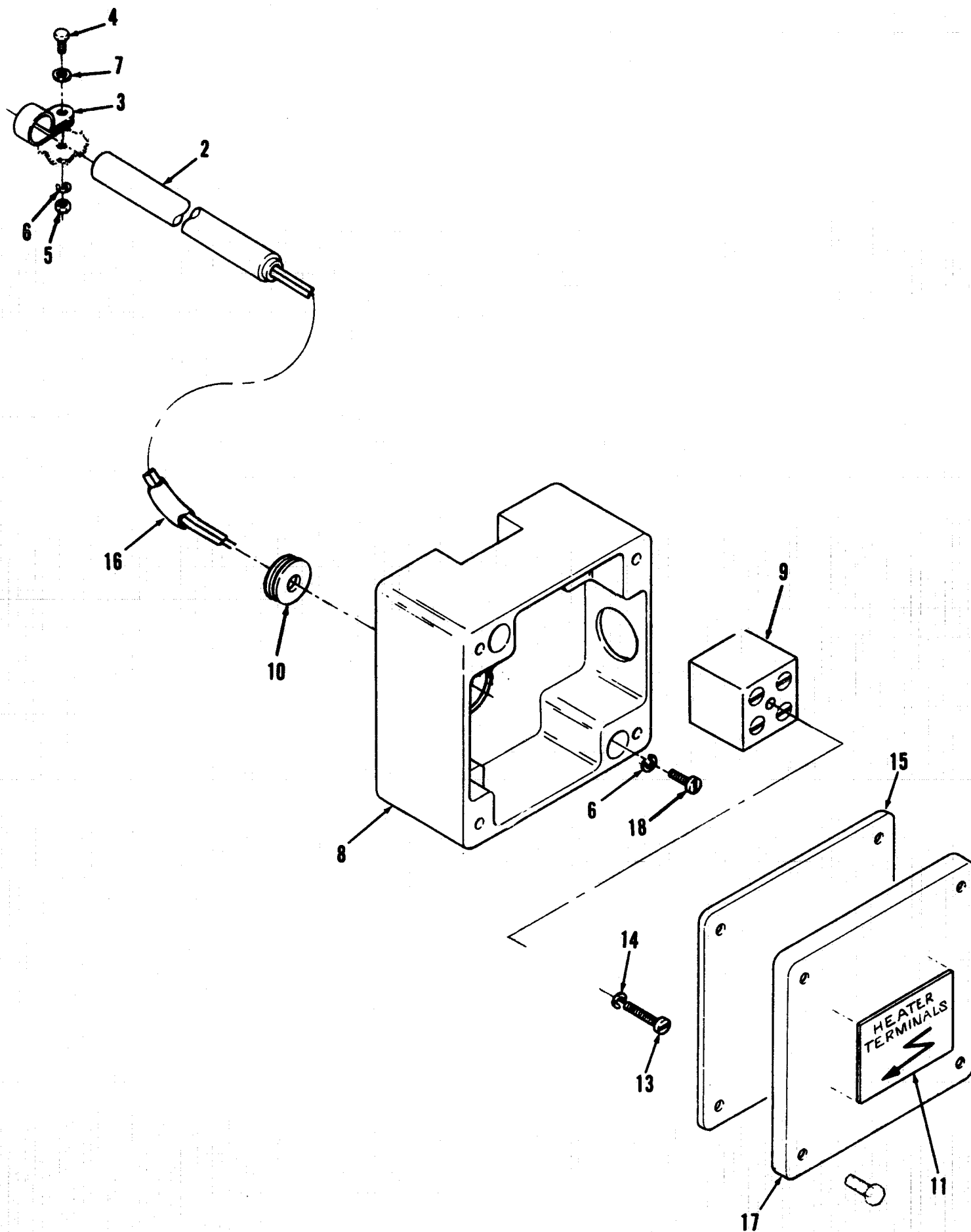


REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION	REF NO.	ONAN PART NO.	NEWAGE PART NO.	QTY USED	PART DESCRIPTION
1	775-0049	054-20505	1	Pin, Dowel	6	234-0875-02	450-14360	1	Cover, Bell - End
2	201-3446	130-20136	1	Rotor, Exciter	7	249-0462	450-22000	1	Harness, Wiring
3	220-4233	420-17200	1	Stator, Exciter	8	815-0761-01	350-14950	1	Bolt (M10 x 1.5 x 110mm)
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)

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. Pressurized Spray	525-0551-02	-	-	13 oz. Pressurized Spray
525-0306	-	-	Can	525-0551-03	-	-	Can
525-0304	-	-	Quart Can	525-0551-04	-	-	Quart Can
			Gallon Can				Gallon Can

Generator Heater



Generator Heater

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

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