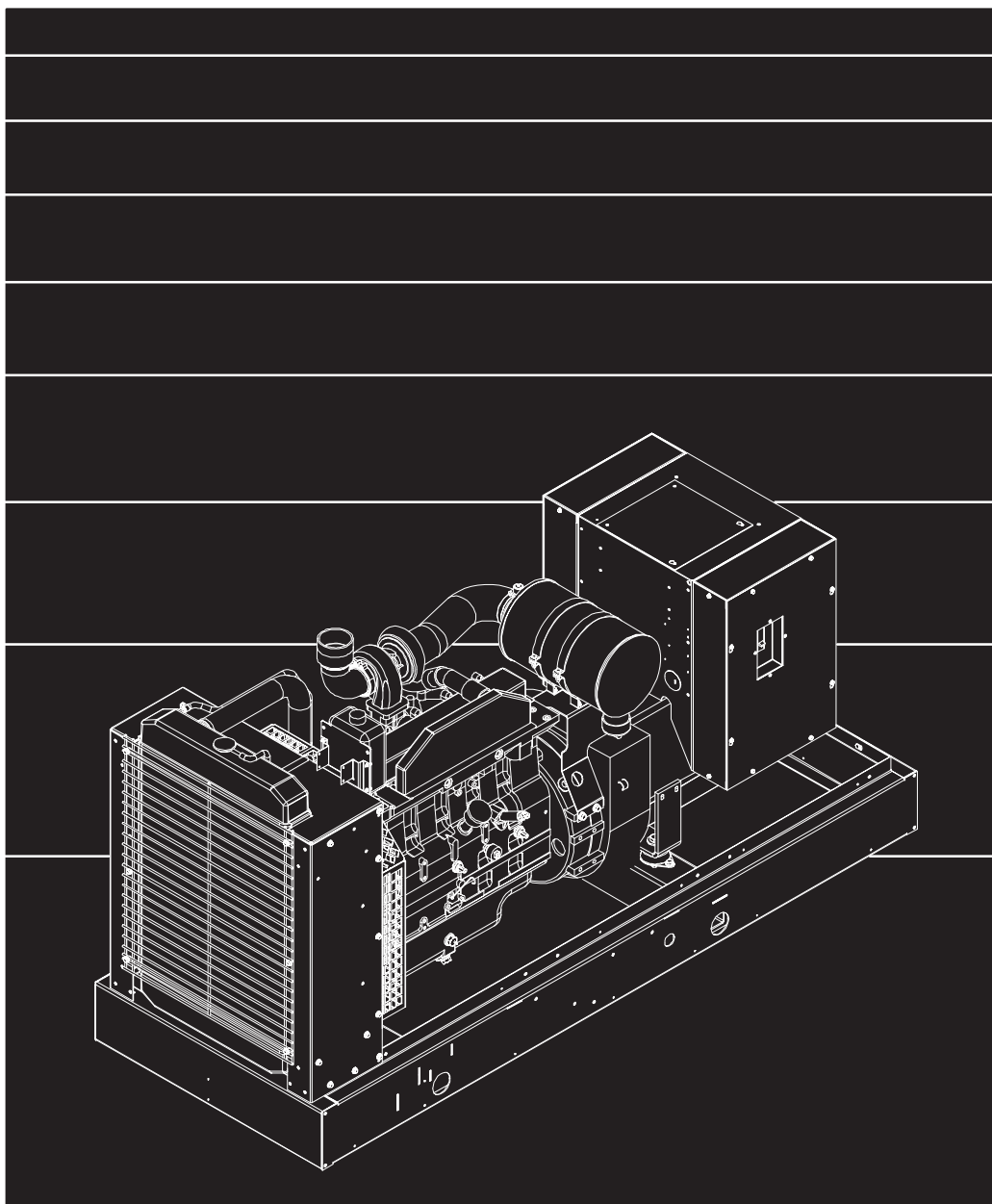




Parts Catalog

DGDA (Spec L, M) DGFA (Spec K, L)
DGDB (Spec L, M) DGFB (Spec K, L)
DGEA (Spec K, L) DGFC (Spec A, B)

Generator Set



Printed in U.S.A.

960-0211C 12-98
Replaces 960-0211B 5-98

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.



This symbol warns of immediate hazards which will result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.

PRODUCT SAFETY PRECAUTIONS



Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.



Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.



Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!



Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!

Introduction

This catalog applies to the standard generator models DGDA, DGDB, DGEA, DGFA, DGFB & DGFC 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 or page heading, parts are interchangeable between models. Throughout this catalog left and right sides are determined by facing the engine end (front) of the set.

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 distributor for assistance in ordering replacement parts.

Replacement Engine

Onan/Cummins Generator Model	Cummins Engine Model	Cummins Engine Model With MOH Certification
DGDA	6BT5.9-G2	6BT5.9-G6
DGDB	6BT5.9-G2	6BT5.9-G6
DGEA	6CT8.3-G	6CT8.3-G2
DGFA	6CTA8.3-G	6CTA8.3-G2
DGFB	6CTA8.3-G	6CTA8.3-G2
DGFC	6CTAA8.3-G	6CTAA8.3-G

Generator Set Data Table

Model/ Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
65DGDA*	65,000	#	50	4,6,12	1 or 3	12 VDC
80DGDA*	80,000	#	60	4,6,12	1 or 3	12 VDC
85DGDB*	85,000	#	50	4,6,12	1 or 3	12 VDC
100DGDB*	100,000	#	60	4,6,12	1 or 3	12 VDC
110DGEA*	110,000	#	50	4,6,12	1 or 3	12 VDC
125DGEA*	125,000	#	60	4,6,12	1 or 3	12 VDC
140DGFA*	140,000	#	50	4,6,12	1 or 3	12 VDC
150DGFA*	150,000	#	60	4,6,12	1 or 3	12 VDC
150DGFB*	150,000	#	50	4,6,12	1 or 3	12 VDC
175DGFB*	175,000	#	60	4,6,12	1 or 3	12 VDC
176DGFC*	176,000	#	50	4,6,12	1 or 3	12 VDC
200DGFC*	200,000	#	60	4,6,12	1 or 3	12 VDC

* – The Specification number denotes customer requested options or deviations from the standard model. The specification letter advances with major manufacturing changes.

– Broad Range Reconnectible.

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- Tube, Outlet – Radiator – DGFC, **43**
- Tube, Water Heater, **32**
- Valve, Shutoff – Oil Drain, **21**
- Valve, Shutoff – Radiator Drain, **35**
- Varistor – Generator, **73**
- Voltmeter – Detector Control, **77**
- Wrapper, Control – Sentinel Control, **79**

Abbreviations

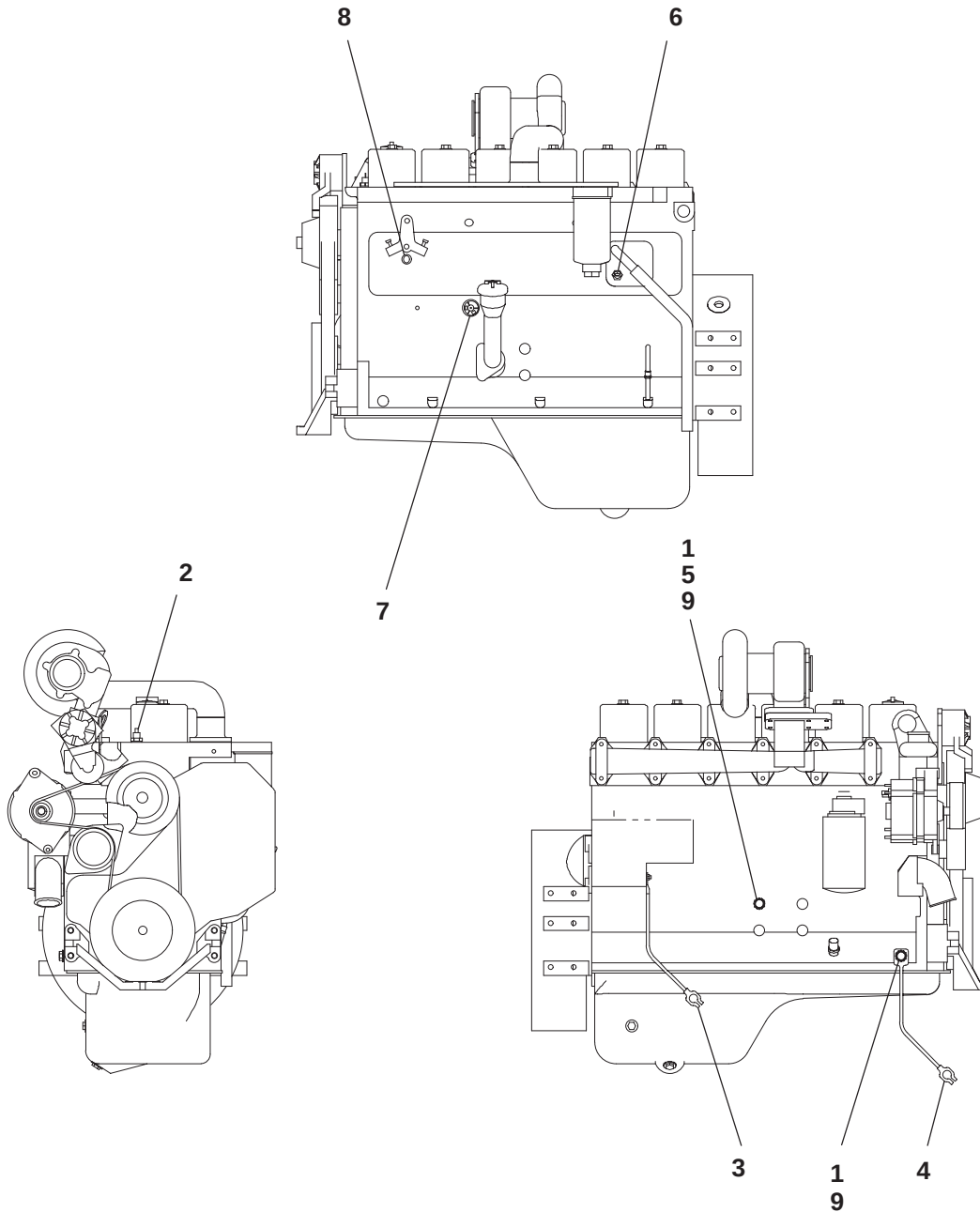
Some of the following abbreviations may be used throughout this Parts Catalog:

AC	Alternating Current	mm	Millimeter
Amp	Ampere	MOH	Mobile Off Highway
A/R	As Required	NFS	Not For Sale
AVR	Automatic Voltage Regulator	NPT	National Pipe Thread
AWG	American Wire Gauge	OD	Outside Diameter
Deg	Degree	oz.	Ounce
DC	Direct Current	PMG	Permanent Magnet Generator
EFC	Electronic Fuel Control	Ph	Phase
ET	External Tooth	PC	Printed Circuit
EIT	External/Internal Tooth	RFI	Radio Frequency Interference
GFI	Ground Fault Interrupter	RT	Right
ID	Inside Diameter	Spec	Specification
IT	Internal Tooth	Thk	Thick
IEC	International Electrotechnical Commission	UL	Underwriters Laboratories Inc.
		UNC	Union National Coarse
kW	Kilowatt	UNF	Union National Fine
LPG	Liquid Petroleum Gas	VAC	Volts Alternating Current
LT	Left	VDC	Volts Direct Current
M(meter Number)	Meter	W/(ET, IT, EIT)	With

Paint and Thread Sealant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metallic)	518-0601	—		Sealant, Thread (6 ml Tube)
	525-0305	—	12 oz. Pressurized Spray Can				
	525-0306	—	Quart Can				
	525-0304	—	Gallon Can				

External Engine Parts **Generator Sets With Sentinel Control** **DGDA, DGDB**

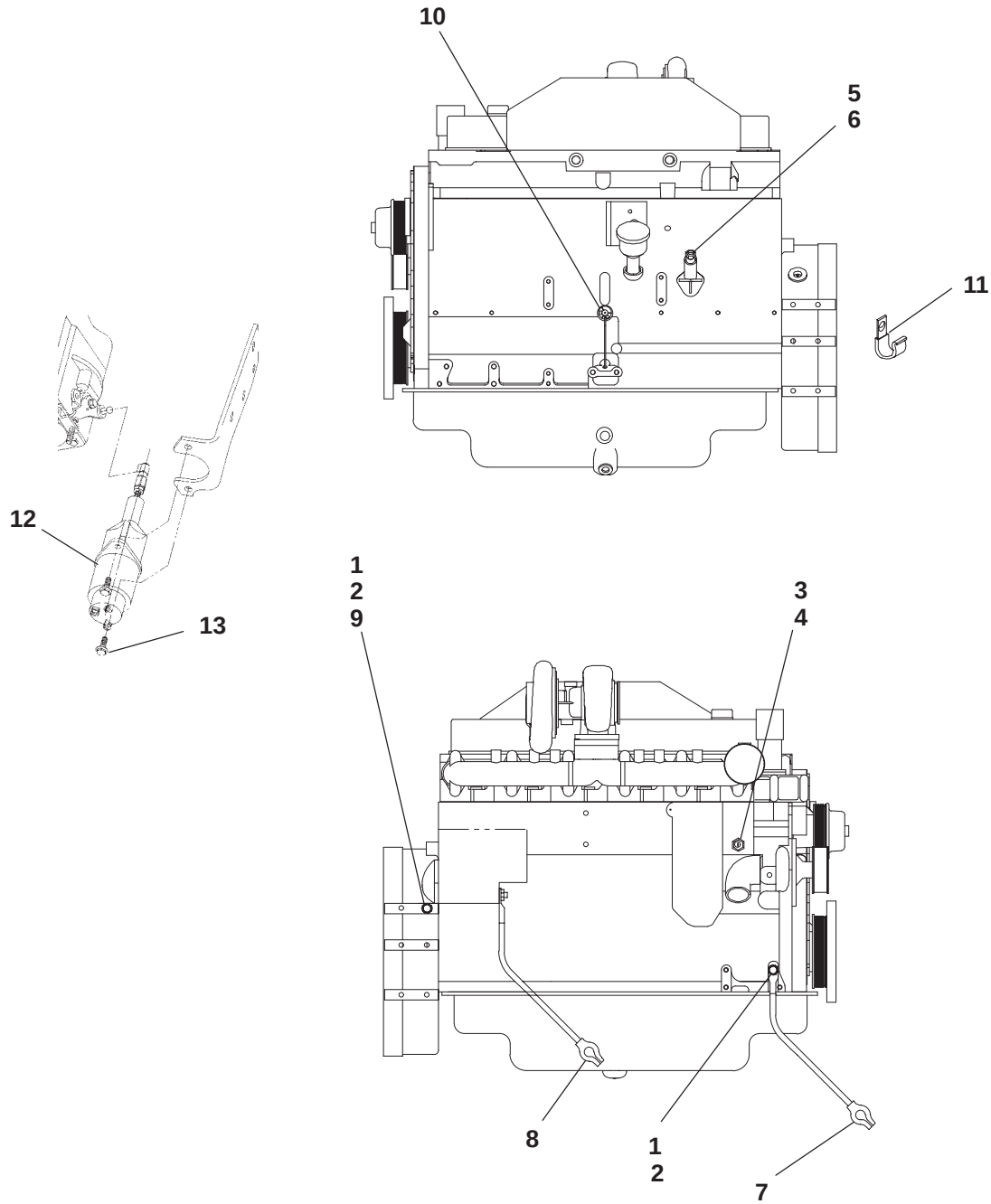


H562

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	2	Washer, Lock – EIT (1/2)
2	309-0554-01	1	Switch, High Water Temperature (S2)
3	416-1000	1	Cable, Battery (24")
4	416-0619	1	Cable, Battery (18")
5	526-2140	1	Washer, Flat (M12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	502-0199	1	Elbow, Male – Inverted (45°)
7	309-0641-19	1	Switch, Pressure – Oil (S1)
8	147-0779	1	Sleeve, Fuel Pump
9	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)

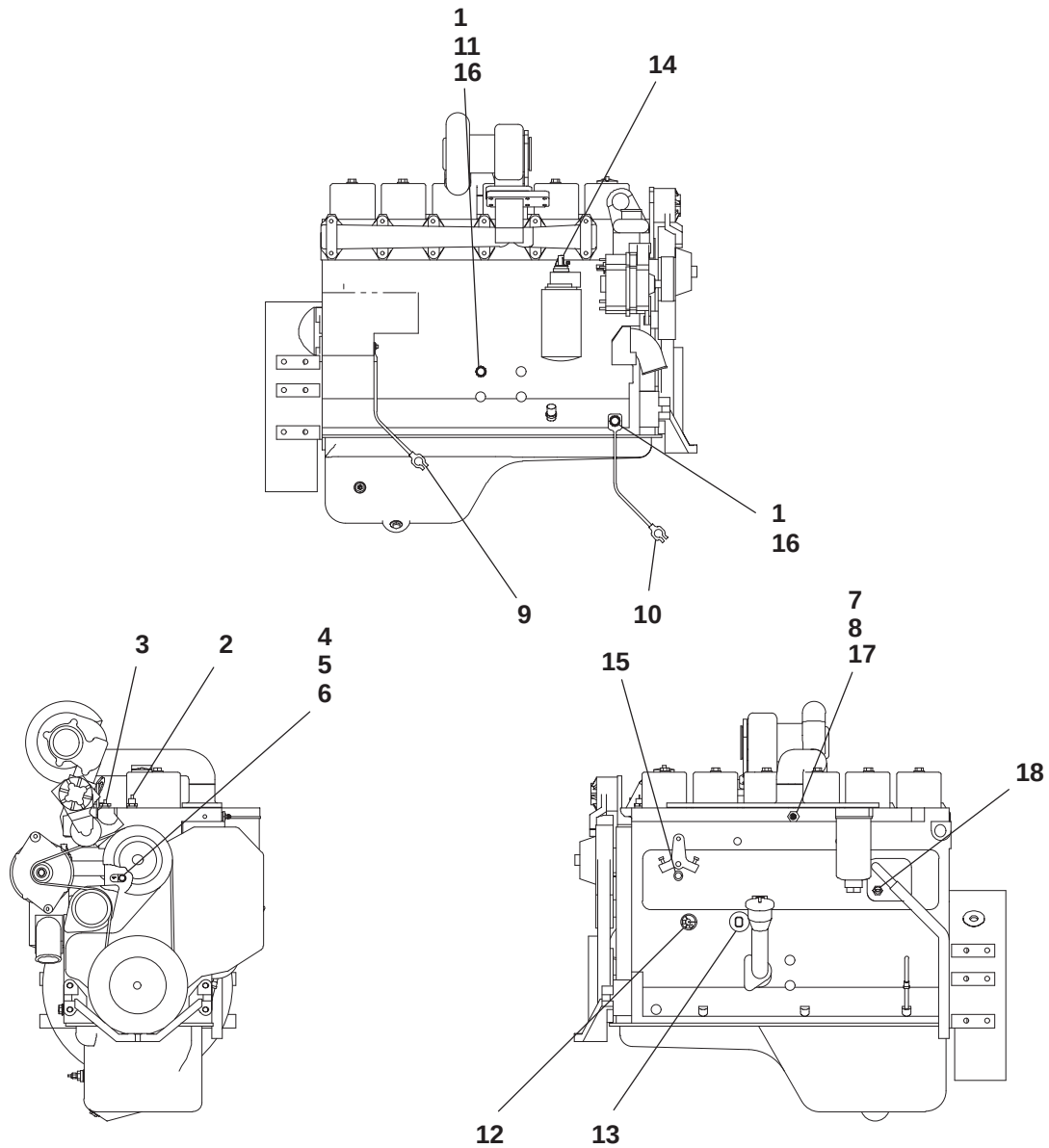
External Engine Parts
Generator Sets With Sentinel Control
DGEA, DGFA, DGFB, DGFC



H562

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	2	Washer, Lock – EIT (1/2)	7	416-1000	1	Cable, Battery (24")
2	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)	8	416-0619	1	Cable, Battery (18")
3	309-0554-01	1	Switch, Water Temperature (S2)	9	526-2140	1	Washer, Flat (M12)
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	10	309-0641-19	1	Switch, Pressure – Oil (S5)
5	502-0802	A/R	Bushing, Reducer (1/2 x 1/4 NPT)	11	332-3196	1	Clamp, J
6	502-0199	1	Elbow, Male – Inverted (45 deg.)	12	149-2508-00	1	Solenoid, Fuel Pump (K1)
				13	821-6002-03	2	Screw, SEMS – Hex Head (M6 x 1 x 16)

**External Engine Parts
Generator Sets With Detector Control
DGDA, DGDB**

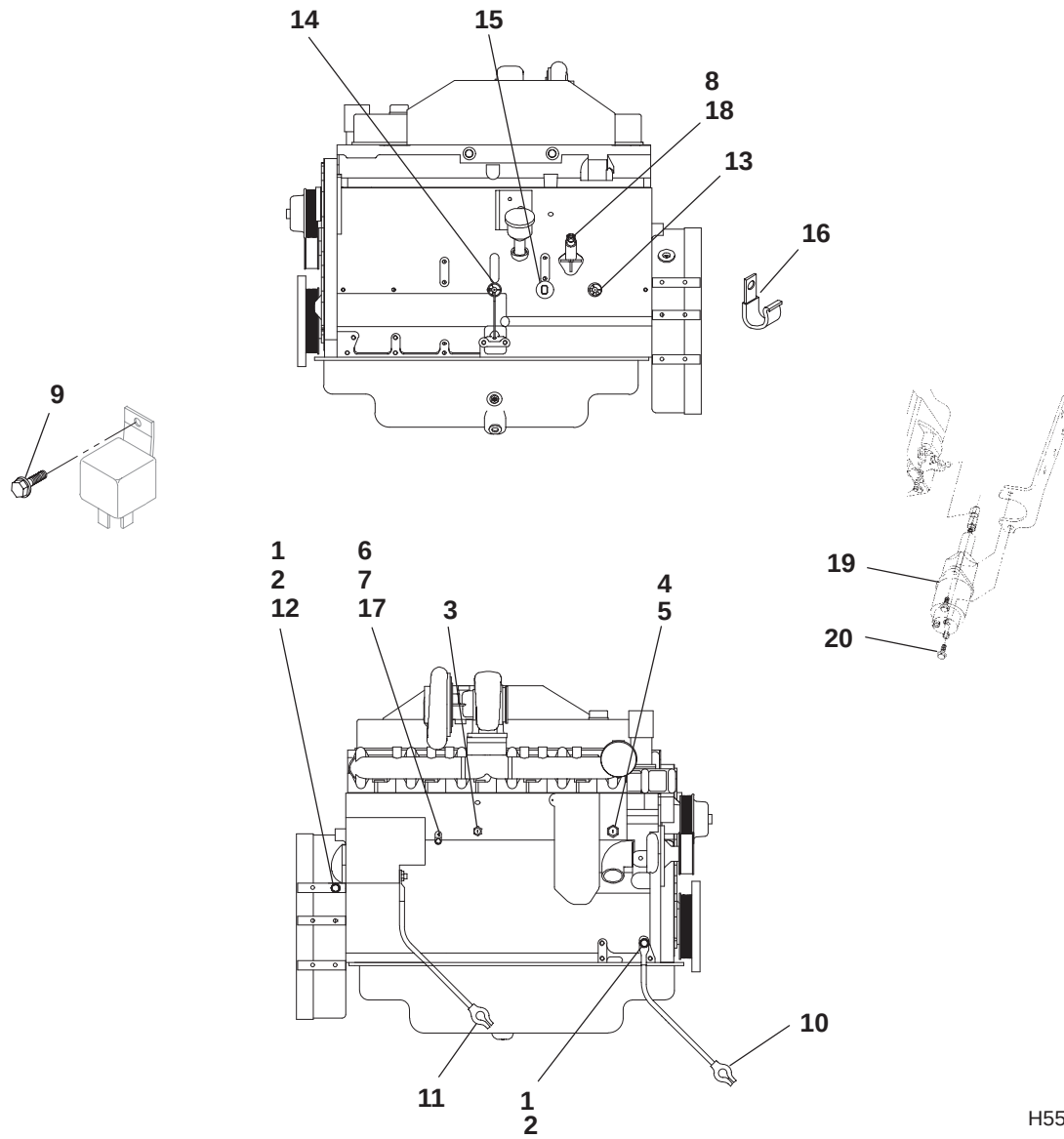


H559,H560

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	2	Washer, Lock – EIT (1/2)
2	309-0554-01	1	Switch, High Water Temperature (S2)
3	309-0553-01	1	Switch, Pre-Water Temperature (S6)
4	800-2058	1	Screw, Cap – Hex Head (M8 x 1.25 x 25)
5	850-2008	1	Washer, Lock (M8)
6	309-0269	1	Sender, Low Engine Temperature (S4)
7	193-0375	1	Sender, Water Temperature (E2)
8	526-0008	1	Washer, Flat (#10)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	416-1000	1	Cable, Battery (24")
10	416-0619	1	Cable, Battery (18")
11	526-2140	1	Washer, Flat (M12)
12	309-0641-19	1	Switch, Pressure (S1)
13	193-0448	1	Sender, Oil Pressure (E1)
14	309-0641-20	1	Switch, Pressure (Pre-LOP) (S5)
15	147-0779	1	Sleeve, Fuel Pump
16	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)
17	870-0131	1	Nut, Hex W/ET (#10-32)
18	502-0199	1	Elbow, Male – Inverted (45°)

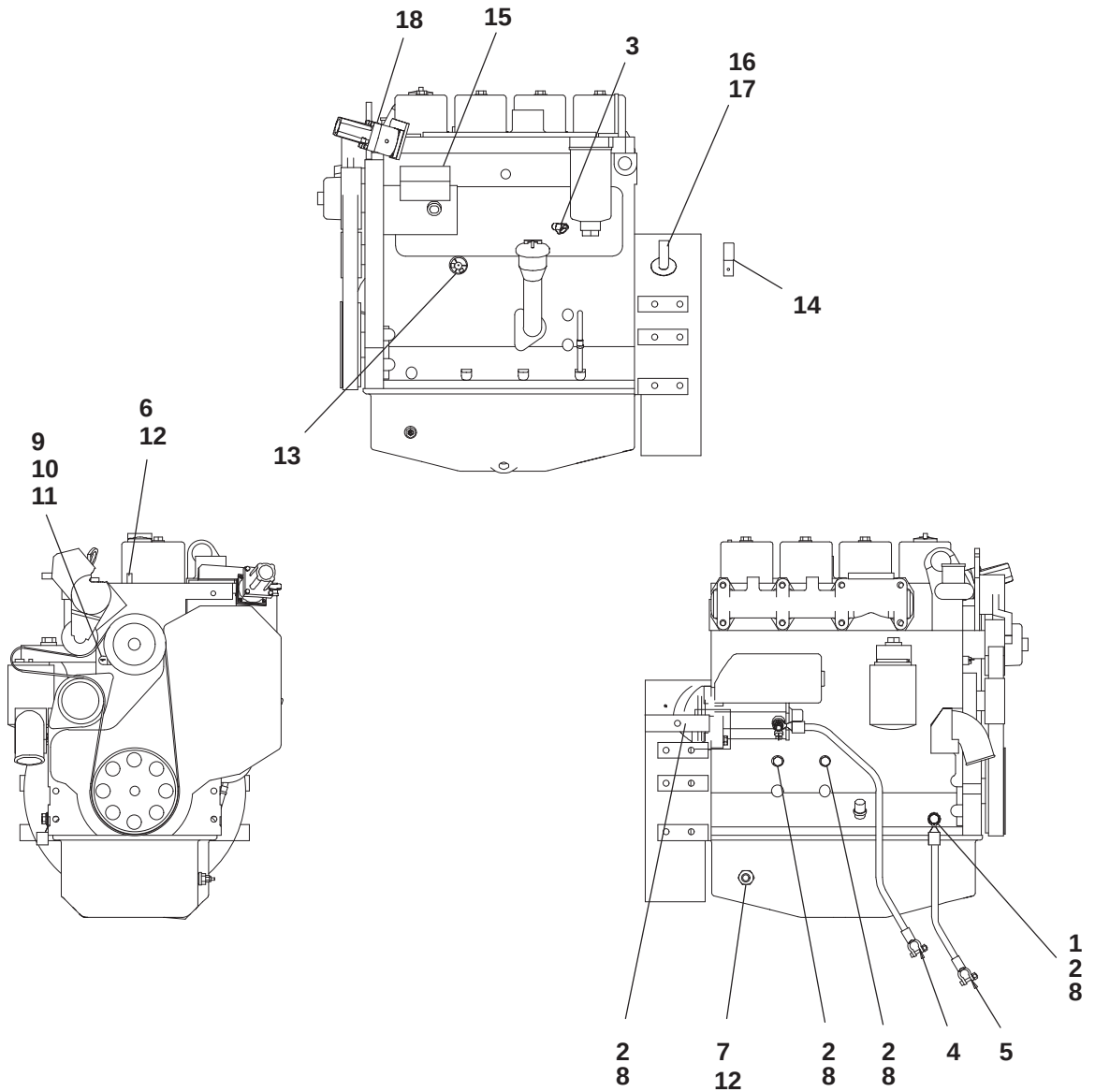
External Engine Parts **Generator Sets With Detector Control** **DGEA, DGFA, DGFB, DGFC**



H559,H560

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	2	Washer, Lock – EIT (1/2)	11	416-0619	1	Cable, Battery (18")
2	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)	12	526-2140	1	Washer, Flat (M12)
3	193-0447	1	Switch – Water Temperature (S2)	13	309-0641-19	1	Switch, Pressure (LOP) (S5)
4	505-0021	1	Bushing, Reducer (3/4 x 1/2)	14	309-0641-20	1	Switch, Pressure (Pre-LOP) (S1)
5	309-0553-01	1	Switch, Pre-Water Temperature (S6)	15	193-0448	1	Sender, Oil Pressure (E1)
6	800-2058	1	Screw, Cap – Hex Head (M8 x 25)	16	332-3196	1	Clamp, J
7	850-2008	1	Washer, Lock (M8)	17	309-0269	1	Switch, Temperature – Low Engine (S4)
8	502-0199	1	Elbow, Male – Inverted (45°)	18	502-0802	A/R	Bushing, Reducer (1/2 x 1/4 NPT)
9	821-5002-03	2	Screw, SEMS – Hex Head (1/4-20 x 1/2)	19	149-2508-00	1	Solenoid, Fuel Pump (K1)
10	416-1000	1	Cable, Battery (24")	20	821-6002-03	2	Screw, SEMS – Hex Head (M6 x 1 x 16)

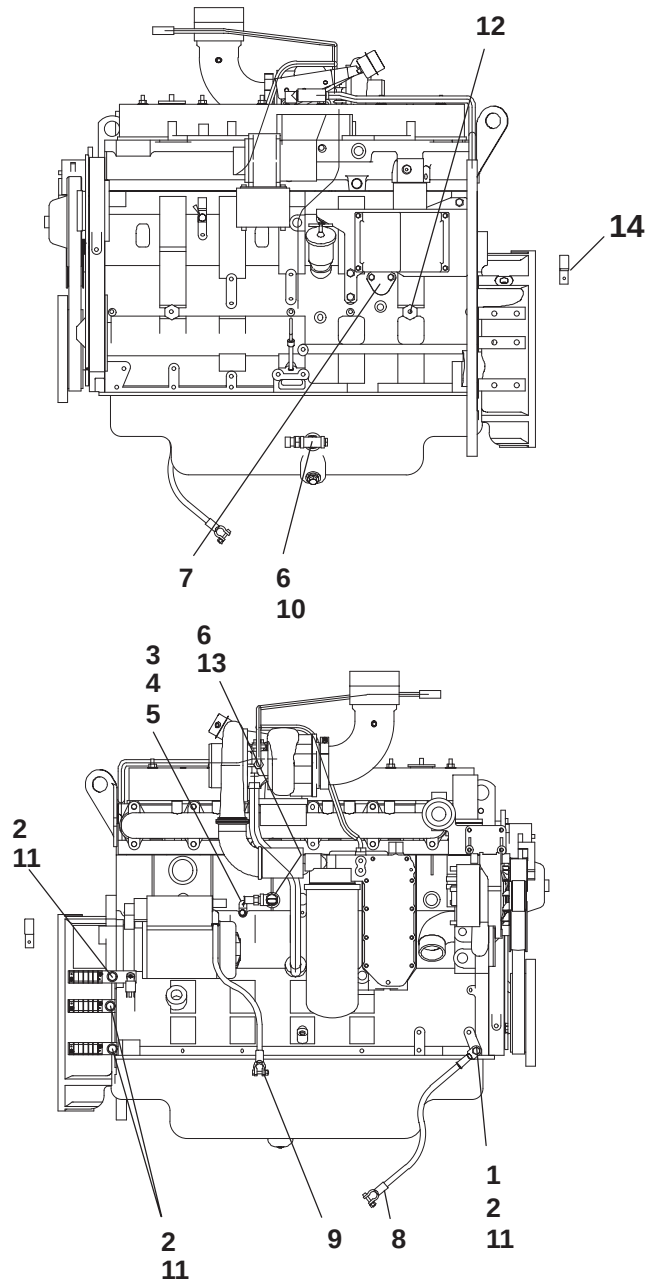
External Engine Parts Generator Sets With PCC Control DGDA, DGDB



H530,H532,H555

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	2	Washer, Lock – EIT (1/2)	11	800-2058	1	Screw, Cap – Hex Head (M8 x 25)
2	800-2111	4	Screw, Cap – Hex Head (M12 x 1.75 x 25)	12	193-0432	2	Sender, Oil Temperature (E2, E4)
3	502-0199	1	Elbow, Male – Inverted (45°)	13	193-0444	1	Sender, Oil Pressure (E1)
4	416-1000	1	Cable, Battery (24")	14	332-3196	1	Clamp, J
5	416-0619	1	Cable, Battery (18")	15	150-2735-01	1	Actuator, Rotating – Spec M (Also Shown in Electronic Governor Group)
6	505-0019	1	Bushing, Reducer (1/2 x 3/8)	16	526-0027	1	Washer, Flat (13/16)
7	102-1448-02	1	Adapter, Oil Drain	17	332-1993	2	Terminal, Receptacle (.25)
8	526-2140	4	Washer, Flat (M12)	18	150-2331	1	Actuator, Linear – Spec L
9	309-0269	1	Switch, Temperature – Low Engine (S4)				
10	850-2008	1	Washer, Lock (M8)				

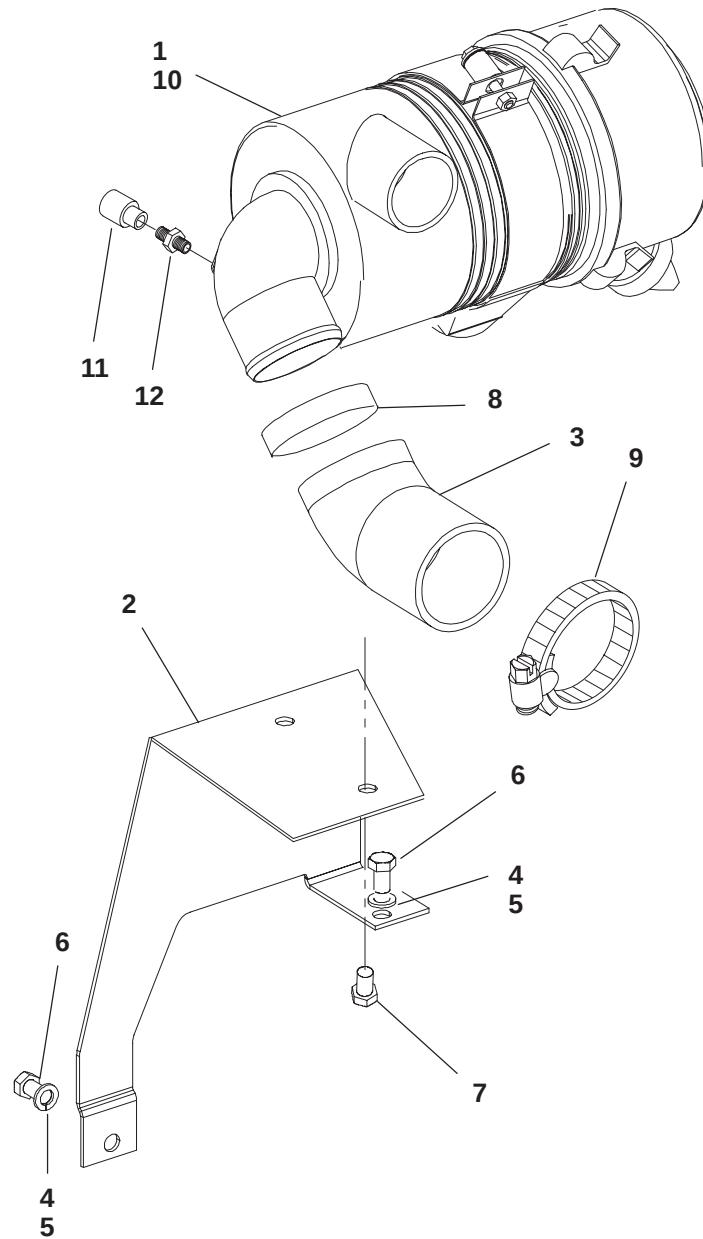
**External Engine Parts
Generator Sets With PCC Control
DGEA, DGFA, DGFB, DGFC**



H530,H532,H555

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	1	Washer, Lock – EIT (1/2)	7	502-0199	1	Elbow, Male – Inverted (45°)
2	800-2111	4	Screw, Cap – Hex Head (M12 x 1.75 x 25)	8	416-1000	1	Cable, Battery (24")
3	800-2058	1	Screw, Cap – Hex Head (M8 x 1.25 x 25)	9	416-0619	1	Cable, Battery (18")
4	850-2008	1	Washer, Lock (M8)	10	102-1448-02	1	Adapter, Oil Drain
5	309-0269	1	Switch, Temperature – Low Engine (S4)	11	526-2140	4	Washer, Flat (M12)
6	193-0432	2	Sender, Oil Temperature (E2, E4)	12	193-0444	1	Sender, Oil Pressure (E1)
				13	505-0019	1	Bushing, Reducer (1/2 x 3/8)
				14	332-3196	1	Clamp, J

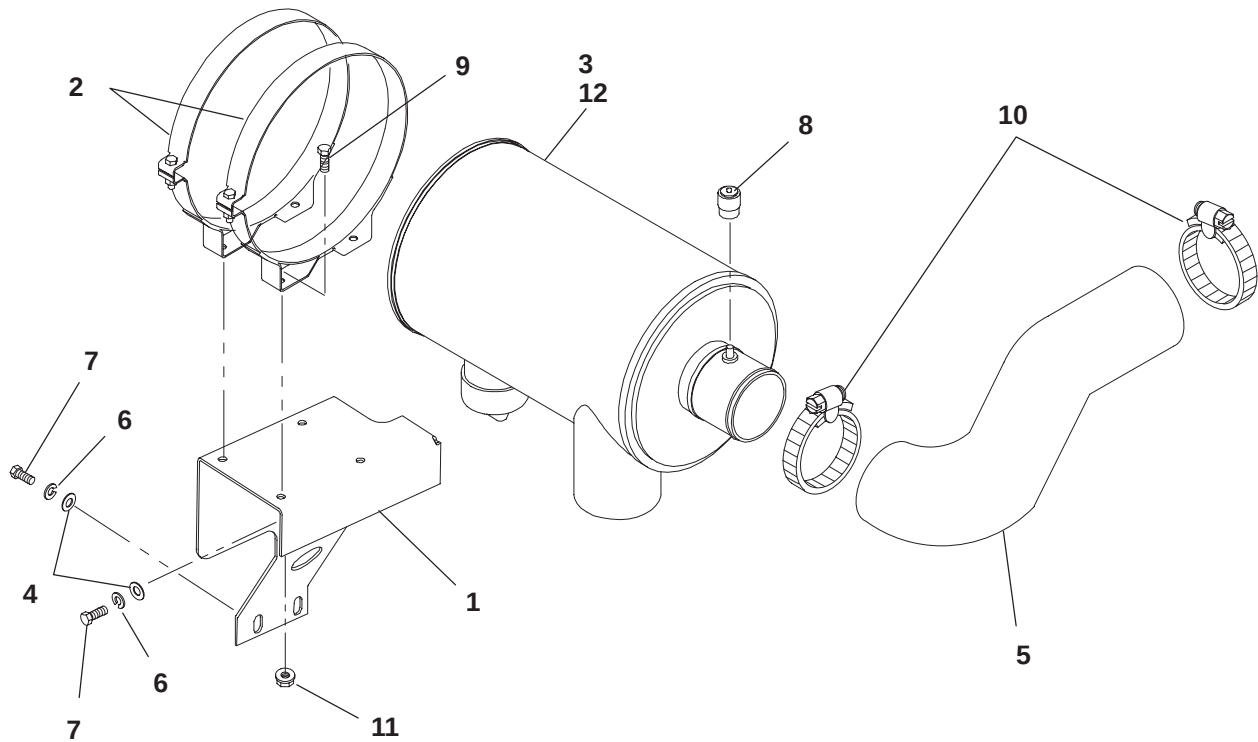
Air Cleaner DGDA, DGDB



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3118	1	Cleaner, Air	7	800-2056	2	Screw, Cap – Hex Head (M12 x 1.75 x 16)
2	140-3083	1	Bracket, Mounting – Air Cleaner	8	503-1870-07	1	Clamp, Hose
3	503-2051	1	Elbow, Air Cleaner	9	503-1870-06	1	Clamp, Hose
4	526-2140	2	Washer, Flat (M12)	10	140-3068	1	Element, Air Cleaner
5	850-2012	2	Washer, Lock (M12)	11	140-2008	1	Indicator, Service
6	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)	12	140-1260	1	Nipple, Hex

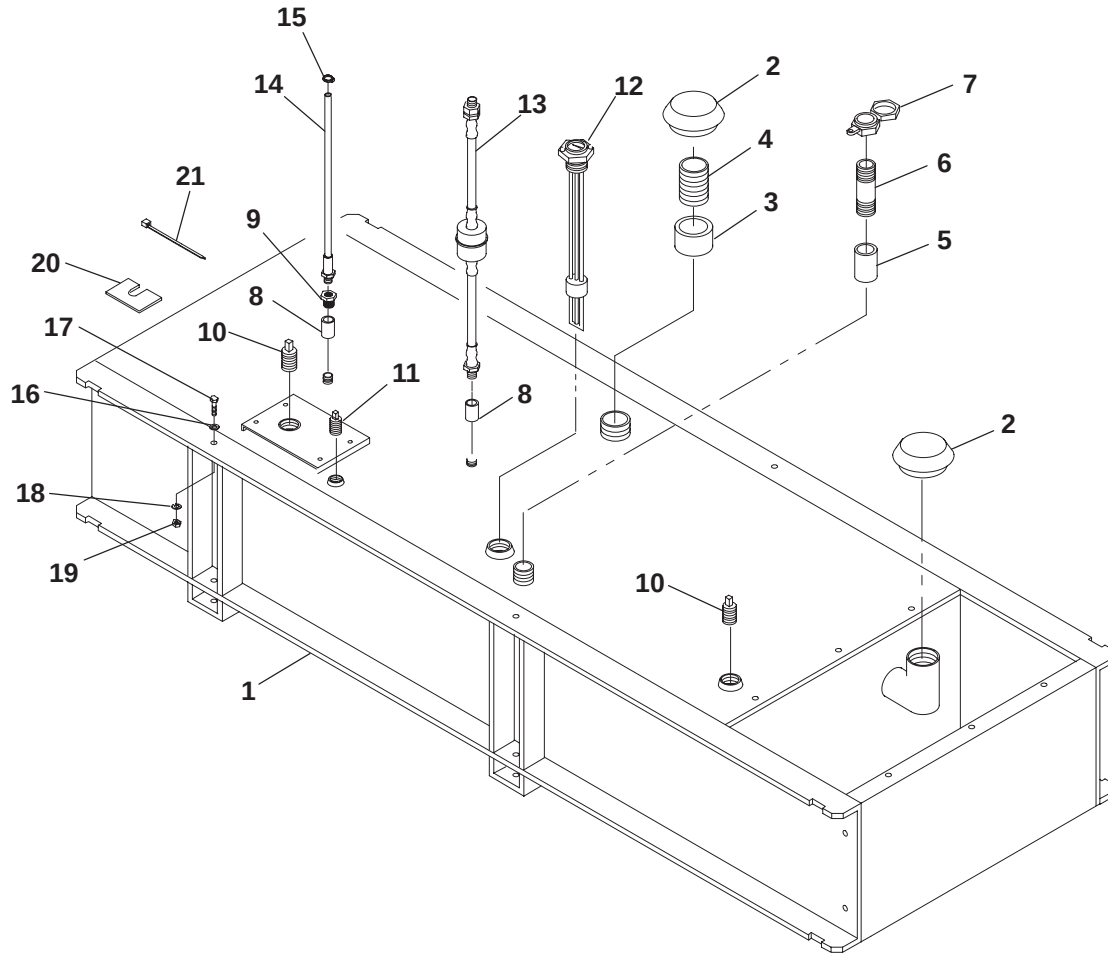
Air Cleaner DGEA, DGFA, DGFB, DGFC



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-2239	1	Bracket, Mounting – Air Cleaner	8	140-1548	1	Indicator, Service
2	140-1973	2	Band, Mounting	9	821-2060	4	Screw, Self-Locking – Hex Washer Head (M10 x 20)
3	140-3112	1	Cleaner, Air	10	503-1870-08	2	Clamp, Hose
4	526-2140	3	Washer, Flat (M12)	11	870-2056	4	Nut, Lock – Flange (M10)
5	503-2067	1	Elbow, Air Cleaner	12	140-3117	1	Element, Air Cleaner
6	850-2012	3	Washer, Lock – Spring (M12)				
7	800-2110	3	Screw, Cap – Hex Head (M12 x 1.75 x 20)				

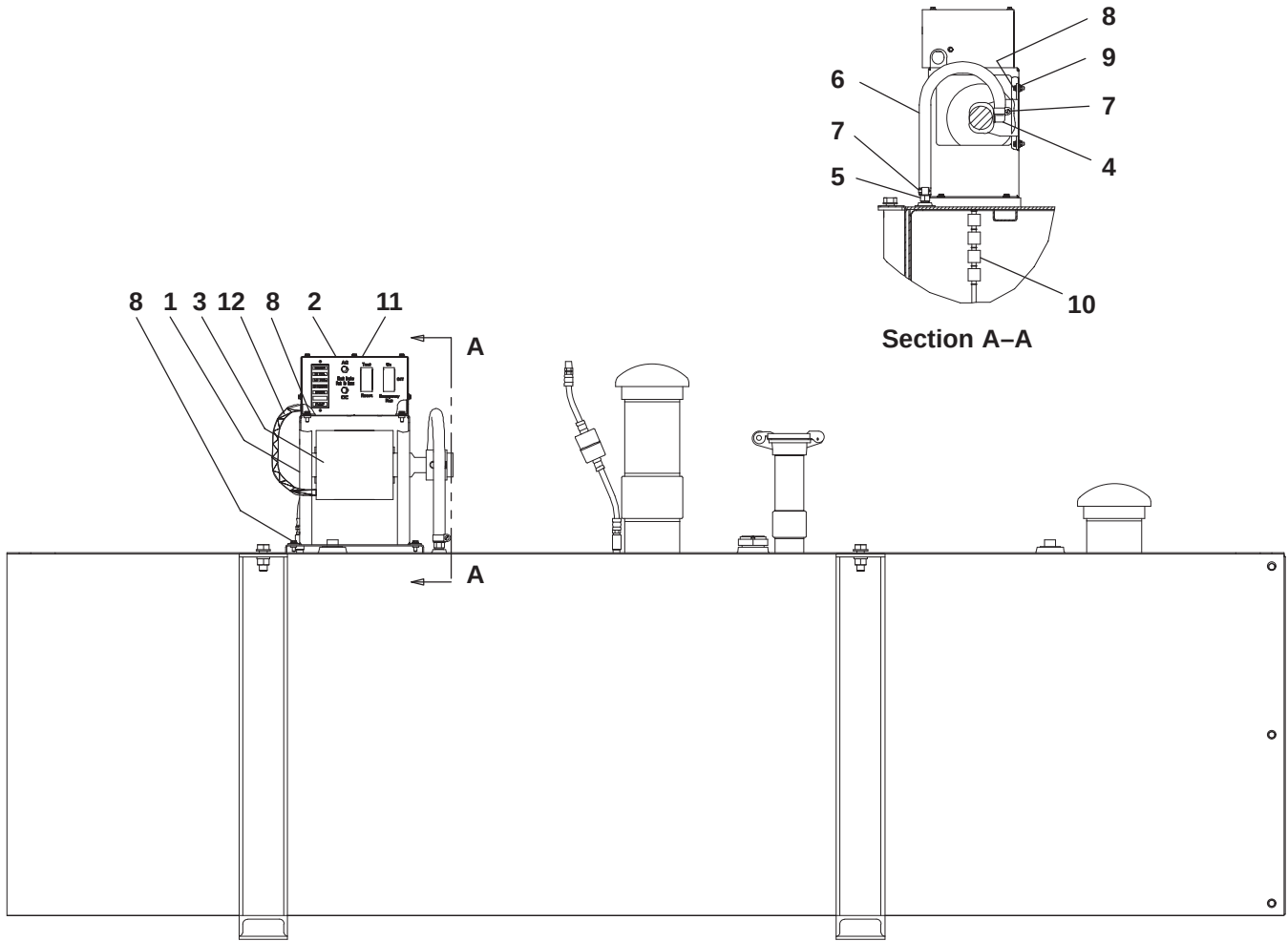
Fuel Tank



C167,168,179

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Tank, Fuel	10	505-0359	2	Plug, Square Head (1-1/4" NPT)
	159-1475	1	109 Gallon	11	505-0110	1	Plug, Square Head (3/8" NPT)
	159-1475-01	1	125 Gallon	12			Gauge, Liquid Level
	159-1474	1	173 Gallon		415-0565-09	1	109, 125, 173 Gallon Tank
	159-1473	1	336 Gallon		415-0565-18	1	173 Gallon Tank
2			Cap, Vent - Pipe		415-0565-19	1	336 Gallon Tank
	159-1371-05	2	109, 125, 173 Gallon Tank (3")	13	501-0627-03	1	Line, Fuel - In (Includes Fuel Filter 149-2441)
	159-1371-06	2	336 Gallon (4")	14			Line, Fuel - Out
3			Coupling, Pipe		501-0502	1	DGDA, DGDB
	505-0327	1	109, 125, 173 Gallon Tank (3")		501-0480-02	1	DGEA, DGFA, DGFB, DGFC
	505-0411	1	336 Gallon (4")	15	503-0685	1	Clamp, Hose
4			Nipple, Pipe	16	526-0399-66	4	Washer, Flat (M16)
	505-0679	1	109, 125, 173 Gallon Tank (3")	17	800-3017-73	4	Screw, Cap - Hex Head (M16 x 2 x 45)
	505-0732	1	336 Gallon (4")	18	850-0114-57	4	Washer, Lock (M16)
5	505-0203	1	Coupling, Pipe (2" NPT)	19	862-0026-58	4	Nut, Hex (M16)
6	505-0401	1	Nipple, Pipe (2" NPT x 6" long)	20	159-1378	8	Shim, Fuel Tank
7	415-0043	1	Cap, Fill - Fuel (2")	21	332-0941	1	Tie, Cable
8	505-0027	2	Coupling, Pipe (1/4" NPT)				
9	505-0007	1	Bushing, Reducer (1/4" NPT x 1/8" NPT)				

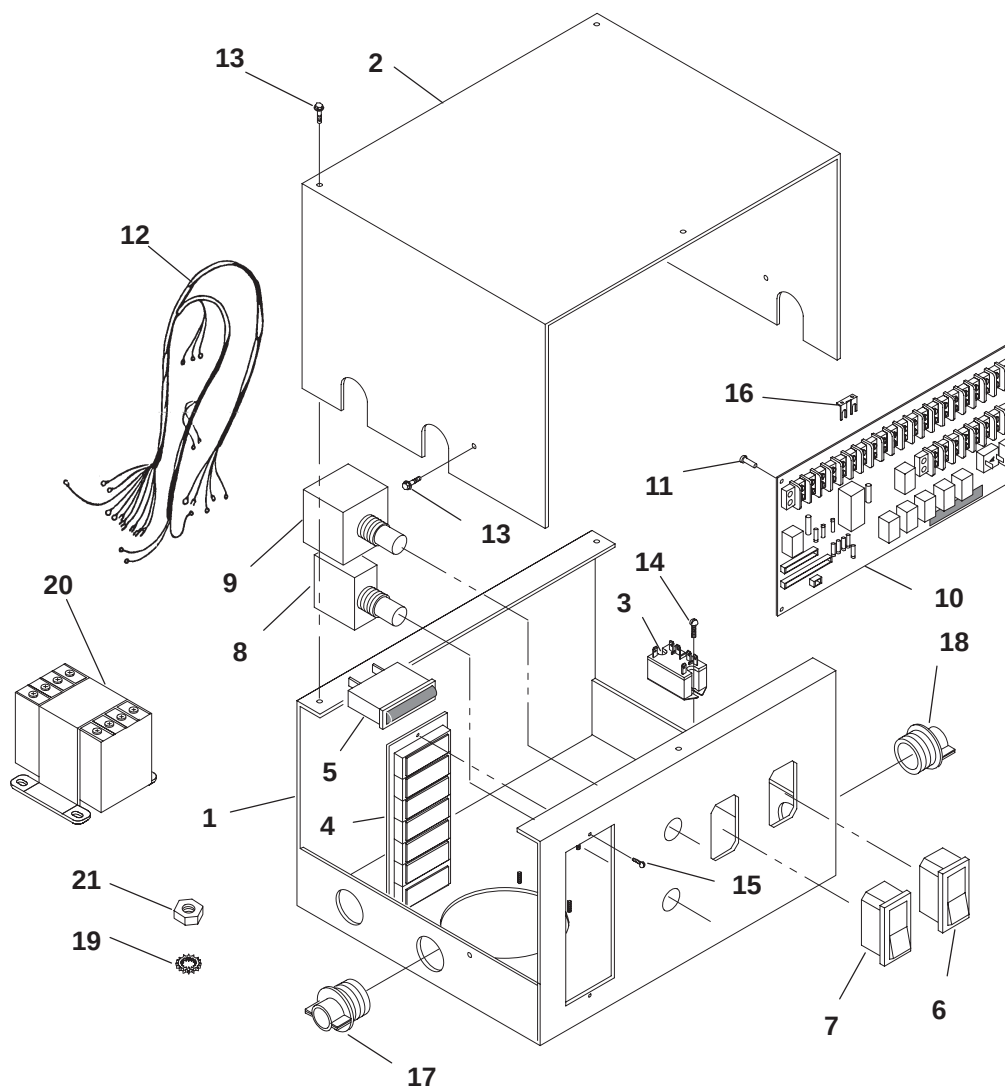
Fuel Pump and Control



C149

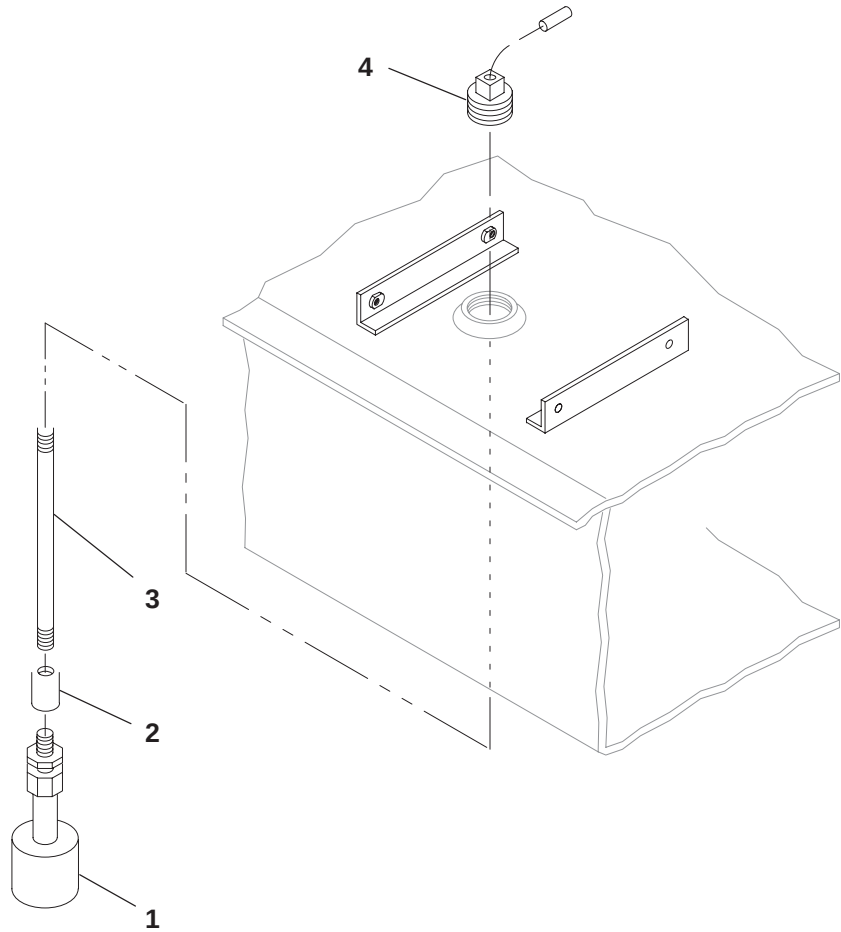
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1468	1	Bracket, Pump	8	821-2033	12	Screw, Lock – Flange (M6 x 1 x 16)
2	625-2141-02	1	Control, Day Tank (See Separate Page for Components)	9	870-2054	4	Nut, Lock – Flange (M6 x 1)
3	399-0117-01	1	Pump	10	308-0913-07	1	Switch, Float
4	502-0942	1	Elbow, Hose – 90°		308-0913-10	1	109 Gallon Tank
5	502-0943	1	Connector, Hose (3/8 NPT x 5/8 ID Hose)		308-0913-11	1	173 Gallon Tank
6	503-1660-04	1	Hose, Fuel – Pump to Tank		098-5387	1	336 Gallon Tank
7	503-0183	2	Clamp, Hose	11	098-5387	1	Label, Danger
				12	338-2397	1	Harness, Wiring

Fuel Tank Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	625-2141-02	1	Control, Fuel Tank – Complete (Includes Parts Listed Below)	10	300-3464	1	Board, Printed Circuit
1	319-0486	1	Box, Control	11	870-0458	4	Spacer, Board – Printed Circuit
2	319-0485	1	Cover, Box	12	338-2382	1	Harness, Wiring – Control Box
3	307-2677-02	1	Relay, Pump (K130)	13	815-0350	5	Screw, Self-Tapping – Slotted Hex Washer Head (#10-32 x 3/8")
4	322-0403-02	1	Light, Assembly, Indicator – 7 Light (Includes Wiring Harness)	14	812-0075	2	Screw, Machine – Round Head (#8-32 x 1/4")
5	322-0369-02	1	Lamp, Indicator – Replacement	15	815-0385	2	Screw, Machine – Round Head (#6-32 x 1/2")
6	308-0912	1	Switch, Rocker (On/Off/ Emergency Run) (S102)	16	332-2605	2	Jumper, Terminal
7	308-0852	1	Switch, Rocker (Reset/Off/Test) (S111)	17	331-0027	2	Connector, Romex
8	320-1653	1	Breaker, Circuit – DC (Single Pole) (CB107)	18	331-0042	1	Connector, Knockout
9	320-1654	1	Breaker, Circuit – AC (Double Pole) (CB101)	19	856-0002	1	Washer –EIT (#8)
				20	315-0687	1	Transformer (T105)
				21	856-0002	1	Nut, Hex (8-32)

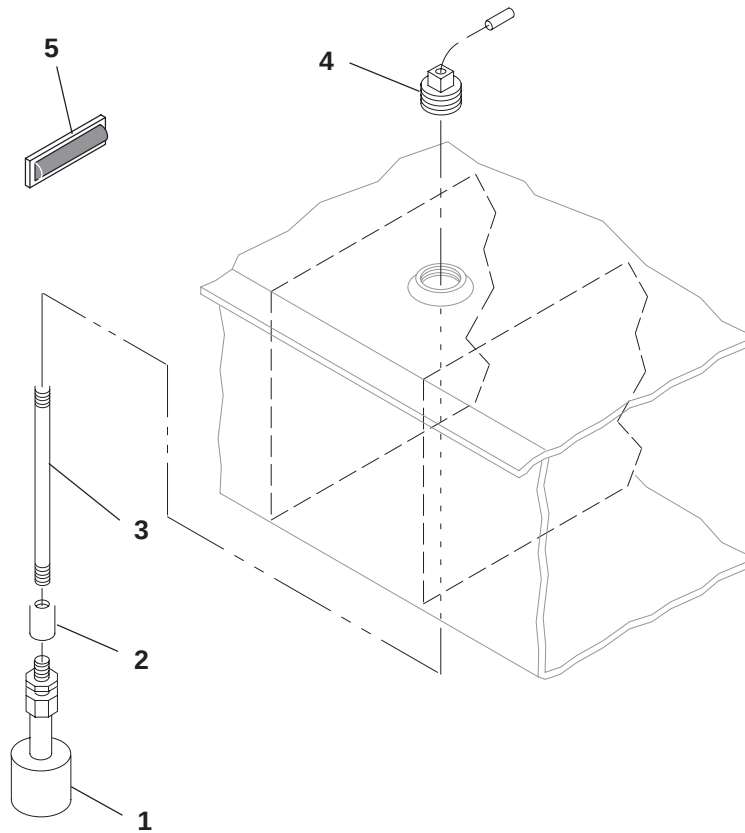
Low Fuel Alarm



C157

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0963-01	1	Switch, Basin (S8)	3			Nipple, Pipe (1/8)
2	505-0026	1	Coupling (1/8)	505-0070	1		109 Gallon Tank
				505-0753	1		173 Gallon Tank
				505-1458-05	1		336 Gallon Tank
				4	505-1050	1	Plug, Pipe – Square Head (Modified)

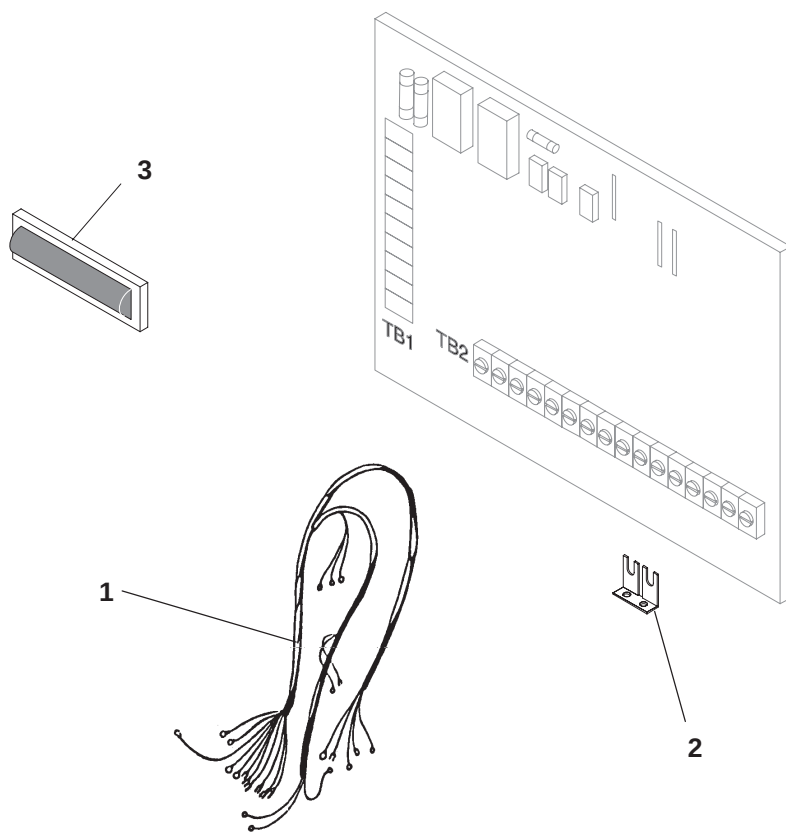
Rupture Basin Alarm



C169

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0916-01	1	Switch, Basin (S9)	4	505-1050	1	Plug, Pipe – Square Head (Modified)
2	505-0026	1	Coupling (1/8)	5	322-0431-06	1	Lens, Replacement
3			Nipple, Pipe (1/8)				
	505-1458-08	1	109 Gallon Tank				
	505-1458-14	1	173 Gallon Tank				
	505-1458-05	1	336 Gallon Tank				

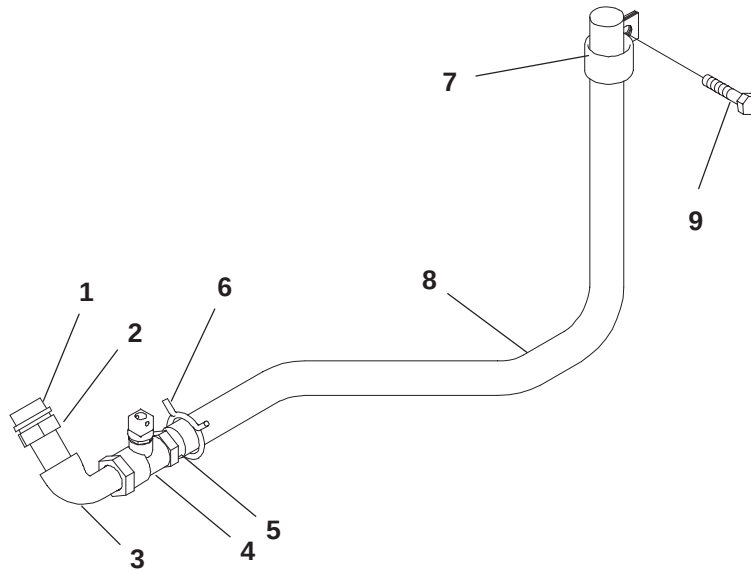
Fuel Alarm DGDB Spec M



H573,H574

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3722	1	Harness, Wiring – Fuel Alarm	3	322-0431-06	1	Lens, Basin
2	332-2605	1	Jumper, Terminal				

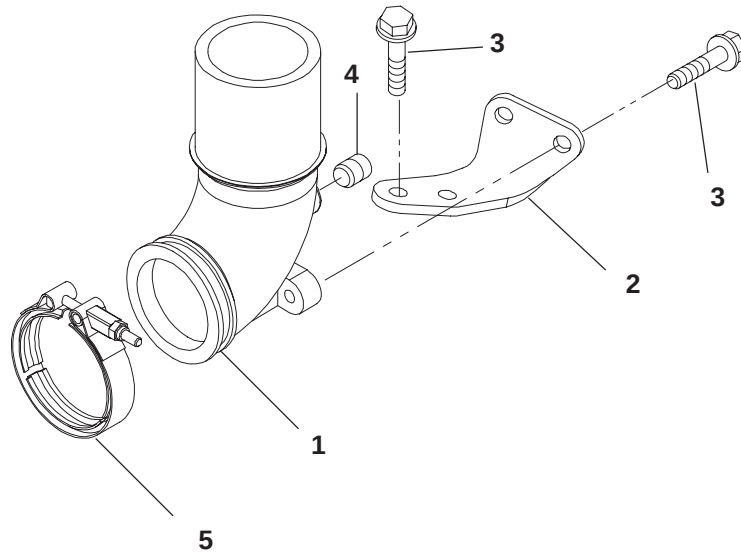
Oil Drain Extension



H268

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1147	1	Gasket, Oil Drain	8			Hose, Drain – Bulk (Order By The Foot)
2	102-1237	1	Adapter, Oil Drain	503-0098		–	2 Feet Required – DGDA, DGDB
3	505-0050	1	Elbow, Street (1/2 NPT x 90°)	503-0098		–	3 Feet Required – DGEA, DGFA, DGFB, DGFC
4	504-0011	1	Valve, Shutoff	9	800-2111	1	Screw, Cap – Hex Head (M12 x 20) – DGDA, DGDB
5	505-0185	1	Nipple, Half (1/2 NPT x 1-1/2)				
6	503-0197	1	Clip, Hose – Corbin				
7	518-0548-02	1	Clamp, Hose				

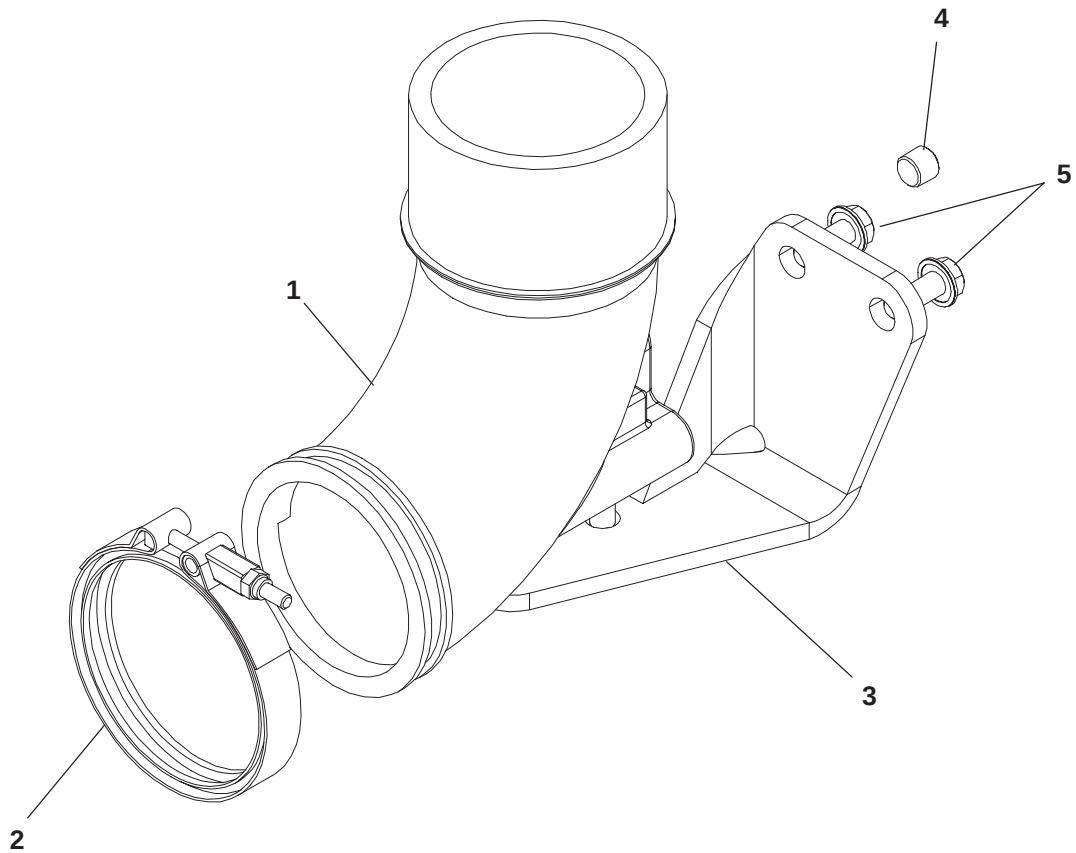
Exhaust Adapter DGDA, DGDB



A379,A298

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3170	1	Adapter, Exhaust	3	821-2061	4	Screw, Lock – Flange (M10 x 1.5 x 25)
2	155-3171	1	Brace, Exhaust Standard	4	505-0180	1	Plug, Countersunk
	155-3252	1	With MOH – Spec M (L060)	5	155-2565	1	Clamp, V-Band

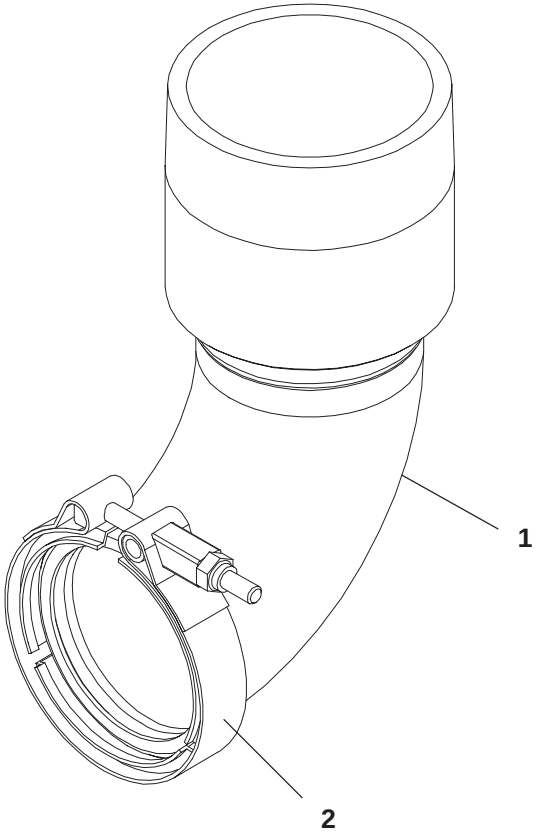
Exhaust Adapter DGEA, DGFA, DGFB, DGFC



A379,A298

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3172	1	Adapter, Exhaust	4	505-0180	1	Plug, Countersunk
2	155-2570	1	Clamp, V-Band	5	821-2061	4	Screw, Locking – Flange (M10 x 1.5 x 25)
3			Brace, Exhaust				
	155-3173	1	Non-MOH				
	155-3175	1	MOH and all DGFC Models (L060)				

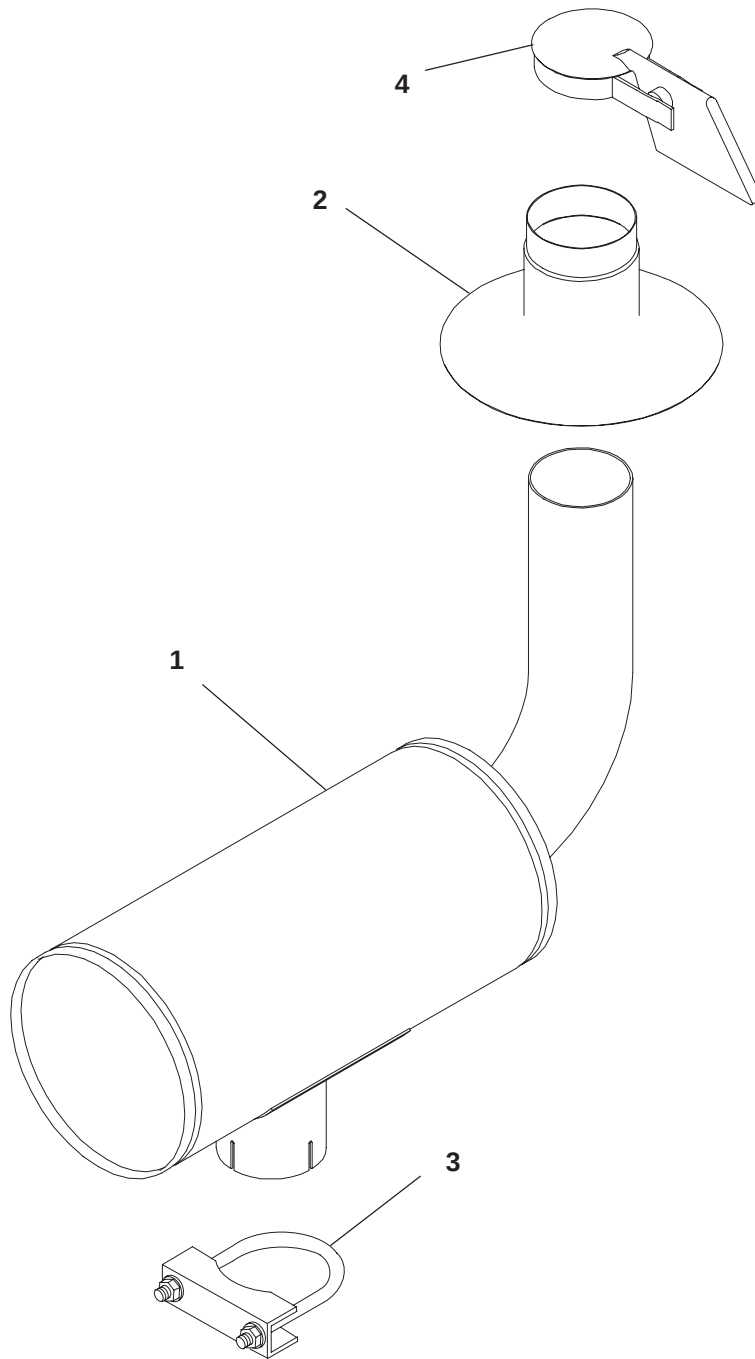
Exhaust Adapter
Standard



A299

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3163	1	Adapter, Exhaust	2	155-2570	1	Clamp, V-Band
	155-3116	1	DGEA, DGFA, DGFB, DGFC		155-2565	1	DGEA, DGFA, DGFB, DGFC
			DGDA, DGDB				DGDA, DGDB

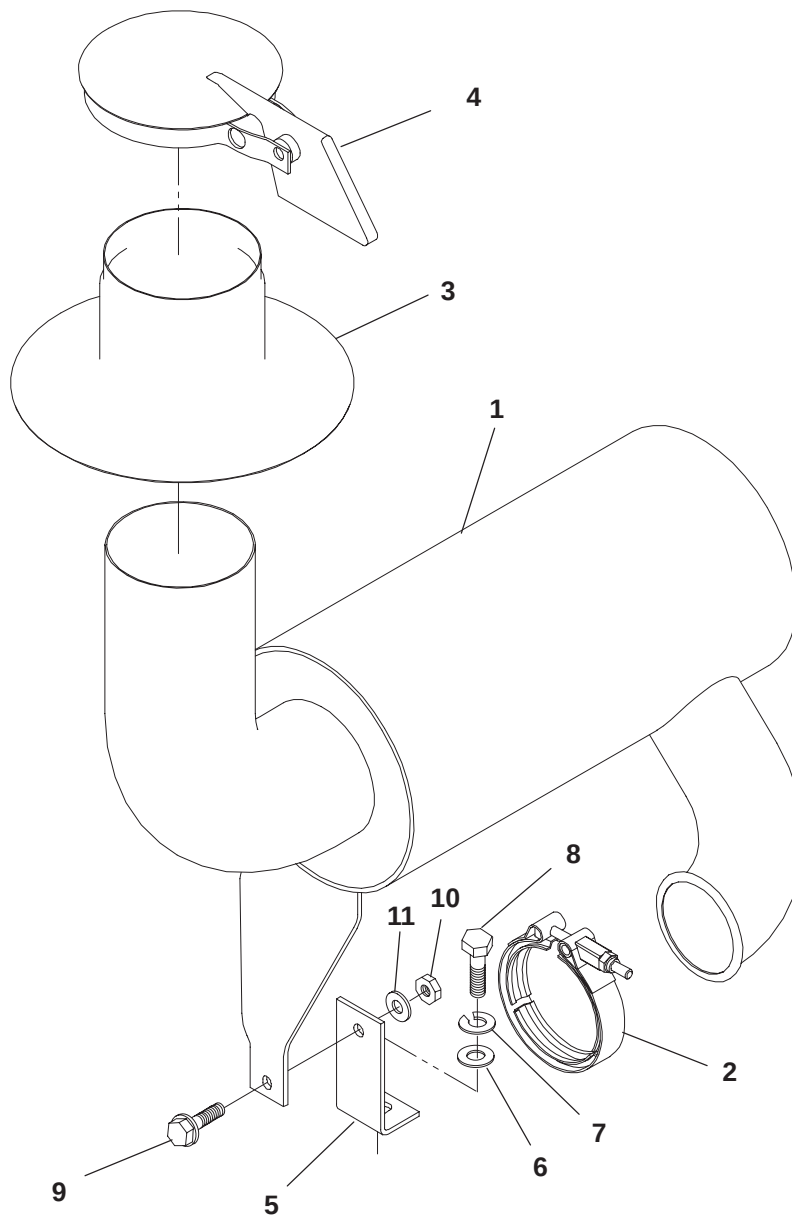
Muffler – Industrial DGDA, DGDB



A379

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3193	1	Muffler	4			Cap, Rain
2	155-3102-02	1	Shield, Rain (Housed sets)	155-2062-03	1		Unhoused Sets
3	155-2175	1	Clamp, Muffler	155-2062-10	1		Housed Sets

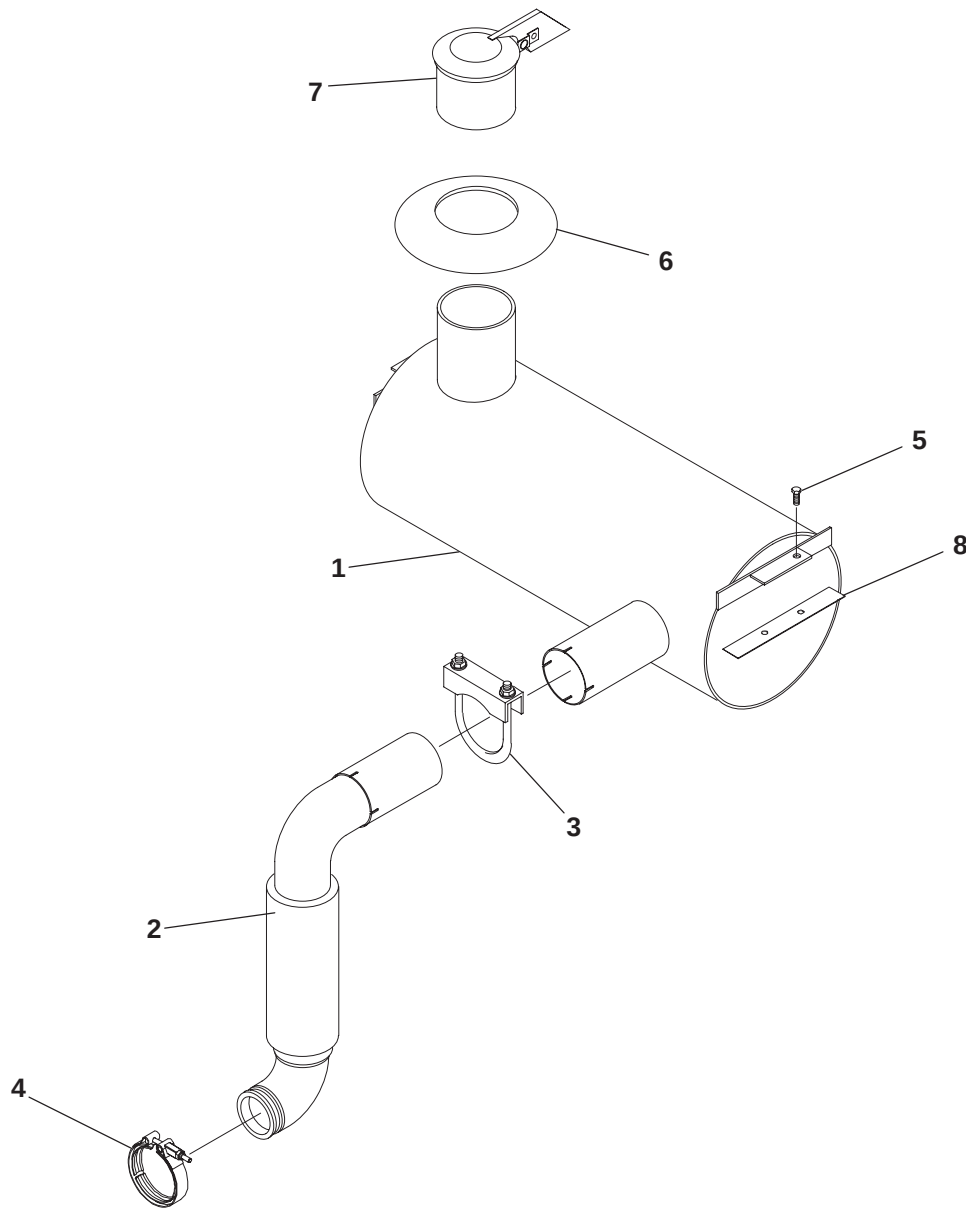
Muffler – Industrial
DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A



A379

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3174	1	Muffler	6	526-0399-42	2	Washer, Flat (M10)
2	155-2570	1	Clamp, V-Band	7	850-0114-55	1	Washer, Lock (M10)
3	155-3180	1	Shield, Rain (Not Used With Unhoused Sets)	8	800-3017-38	1	Screw, Cap – Hex Head (M10 x 1.5 x 30)
4			Cap, Rain	9	821-6003-02	1	Screw, SEMS – Hex Head (M8 x 1.25 x 20)
	155-2062-05	1	Unhoused Sets	10	862-0026-55	1	Nut, Hex (M8)
	155-2062-13	1	Housed Sets	11	526-2106	1	Washer, Flat (M8)
5	155-3182	1	Bracket, Exhaust				

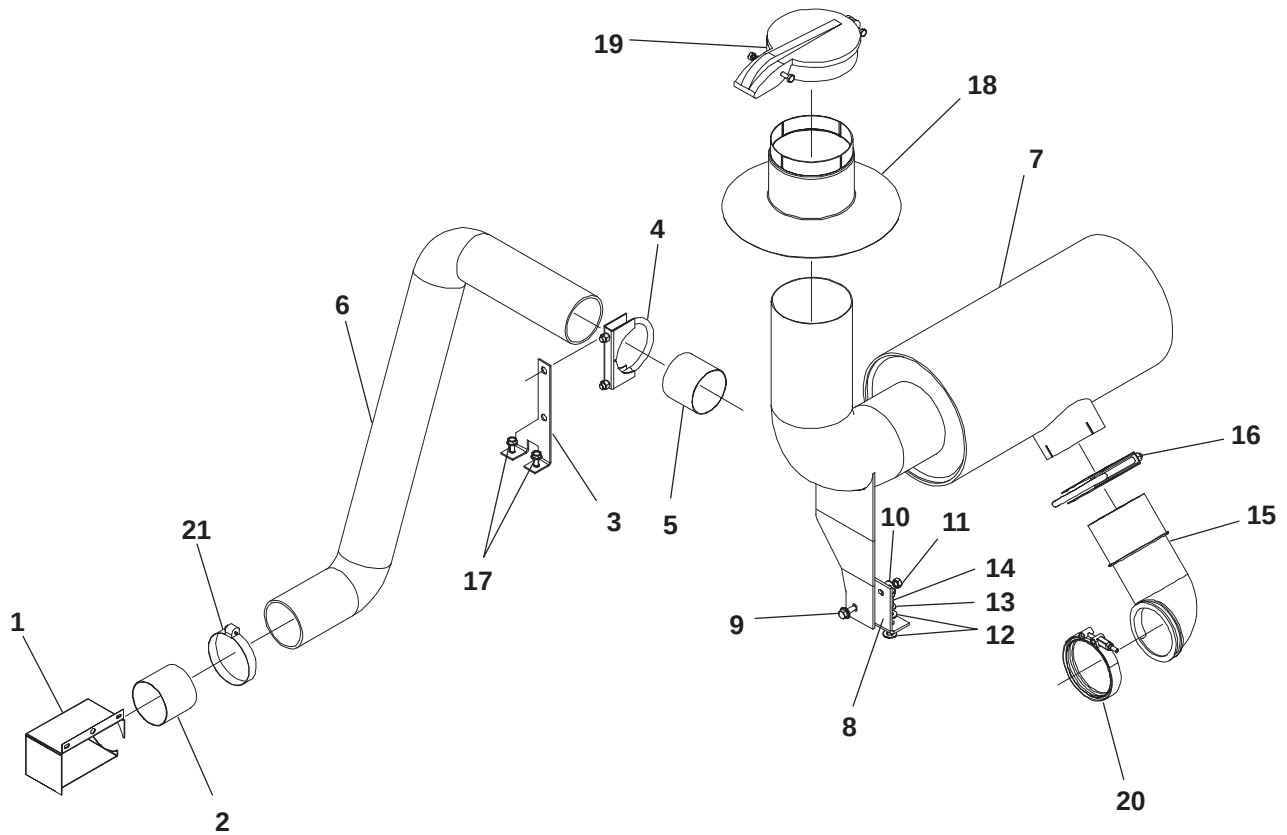
Muffler – Critical Housed Sets



F172,F173

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Muffler, Critical	4			Clamp, V-Band
	155-3150-02	1	DGDA Spec L, DGDB Spec L		155-2565	1	DGDA, DGDB
	155-3150-01	1	DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A		155-2570	1	DGEA, DGFA, DGFB, DGFC
	155-3150-05	1	DGDA Spec M, DGDB Spec M	5	821-6003-02	2	Screw, Cap – Hex Head
	155-3150-04	1	DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B	6			Shield, Rain
					155-3180	1	DGDA Spec L, DGDB Spec L, DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A
2			Pipe, Exhaust		155-3180-01	1	DGDA Spec M, DGDB Spec M, DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B
	155-3162	1	DGDA, DGDB				
	155-3164-01	1	DGEA, DGFA, DGFB, DGFC (Non-MOH Engines)				
	155-3164-02	1	DGEA, DGFA, DGFB, DGFC (MOH Engines) (L060)	7	155-2062-13	1	Cap, Rain
3	155-2305	1	Clamp, Muffler	8	155-3219	2	Gasket, Muffler

Muffler – Standard **DGEA, DGFA, DGFB, DGFC**

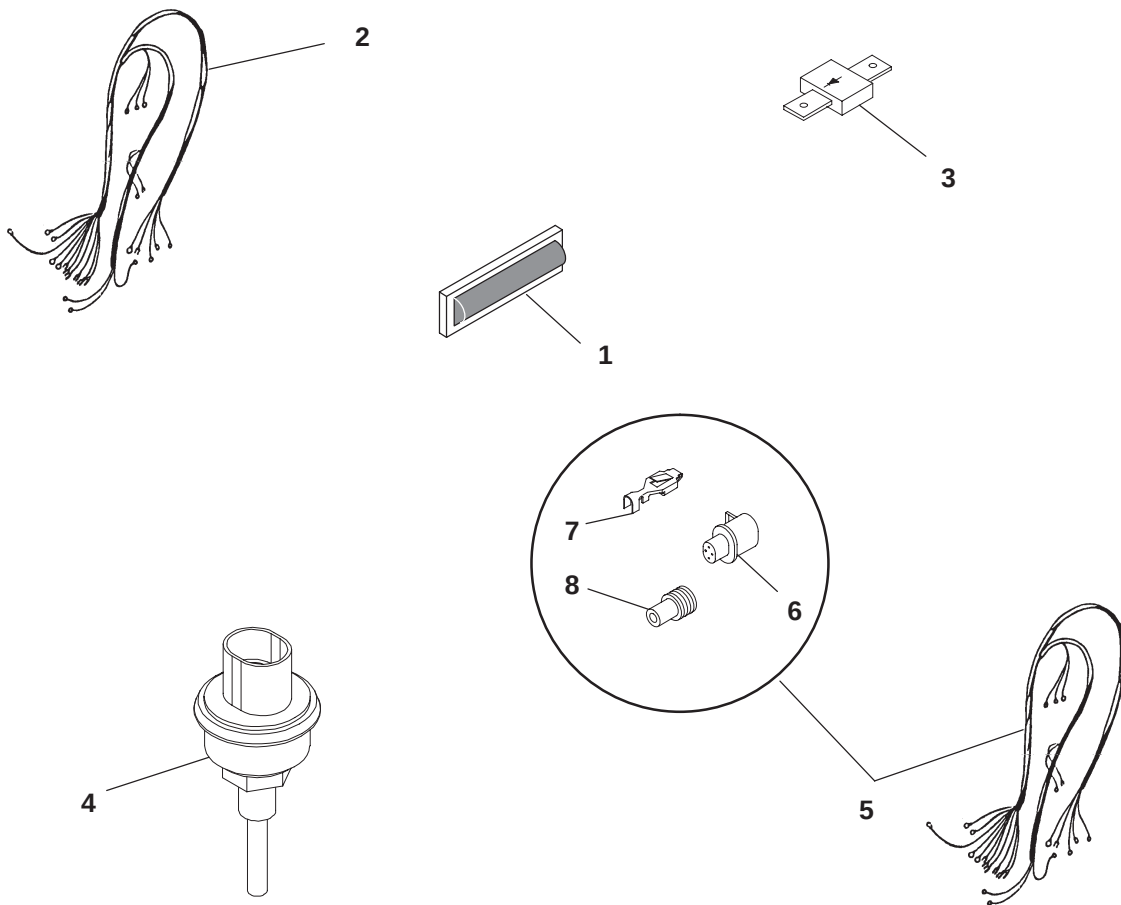


L060,A379,F001

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3253	1	* Box, Air	14	800-3017-38	1	Screw, Cap – Hex Head (M10 x 30)
2	140-3143	1	* Tube, Air Inlet	15	155-3292	1	Connection, Exhaust
3	155-3271	1	* Bracket, Air Inlet	16	155-2305	1	Clamp, Muffler
4	155-2175	1	* Clamp, Muffler	17	815-0829-04	2	* Screw, Hex Washer Head – Thread Forming (M8 x 16)
5	140-3143	1	* Tube, Air Inlet	18			Shield, Rain
6	140-3148-01		* Hose, Air Inlet – DGEA Spec L, DGFA Spec L, DGFB Spec L	155-3180	1		DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A
7			Muffler	155-3180-01	1		DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B
	155-3258	1	* DGEA Spec K, DGFA Spec K, DGFB Spec K	19			Cap, Rain
	155-3258-01	1	DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B	155-2062-05	1		Unhoused Sets
8	155-3182	1	Bracket, Exhaust	155-2062-13	1		Housed Sets
9	821-6003-02	1	Screw, Hex Head (M8 x 20)	20	155-2570	1	Clamp, V-Band
10	526-2106	1	Washer, Flat (M8)	21	503-1870-05	1	* Clamp, Hose
11	862-0026-55	1	Nut, Hex (M8)				
12	526-0399-42	2	Washer, Flat (Hardened) (M10)				
13	850-0114-55	1	Washer, Lock – Split (M10)				

* – Parts Used With DGEA, DGFA and DGFB MOH Engines (L060)

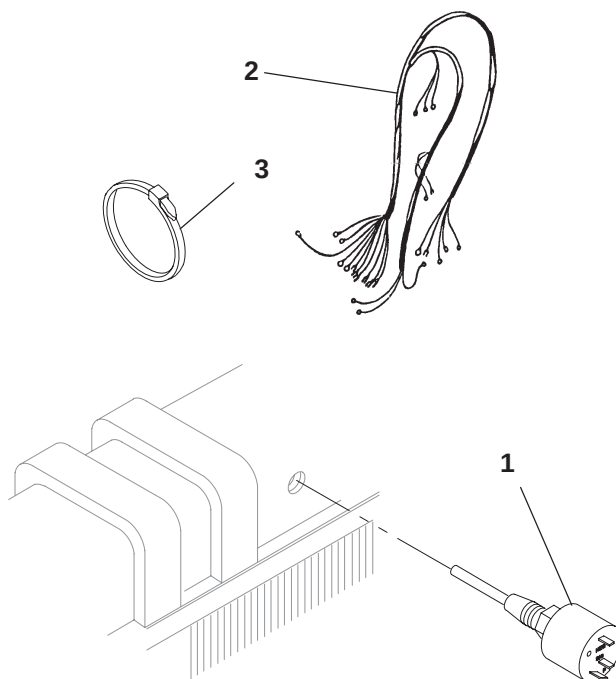
Low Coolant Level Sender With Continuously Monitored Low Coolant Level Sets With 12 Light Indicator Controls



H560

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	322-0431-07	1	Lens, Replacement	6	323-1765	1	*Housing, Connector (4 Pin)
2	338-3035-01	1	Harness, Low Coolant Level Sender – LCL Sender to Control	7	323-1709	4	*Socket, Contact (Used in S3)
3	357-0030	1	Rectifier, Silicon (CR2)	8	323-1708	4	*Seal, Cable
4	193-0468	1	Sender, Low Coolant Level (S7)	* – Parts Included in 338-3594 Pigtail Harness			
5	338-3594	1	Harness, Pigtail (Includes Parts Marked *)				

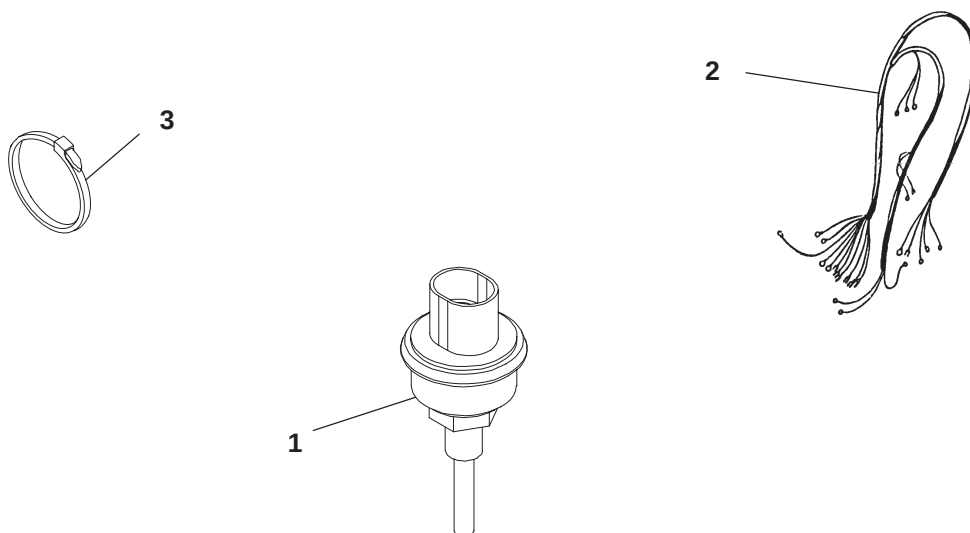
Low Coolant Level Sender
Without Continuously Monitored Low Coolant Level
DGDA Spec L, DGDB Spec L, DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A



H389,H572

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0467	1	Sender, Low Coolant Level (S7)	3	332-1389	3	Tie, Cable
2			Harness, Low Coolant Level Sender				
	338-3442	1	DGDA, DB				
	338-3521	1	DGEA, FA, FB, FC – Shutdown				
	338-3458	1	DGEA, FA, FB, FC – Warning				

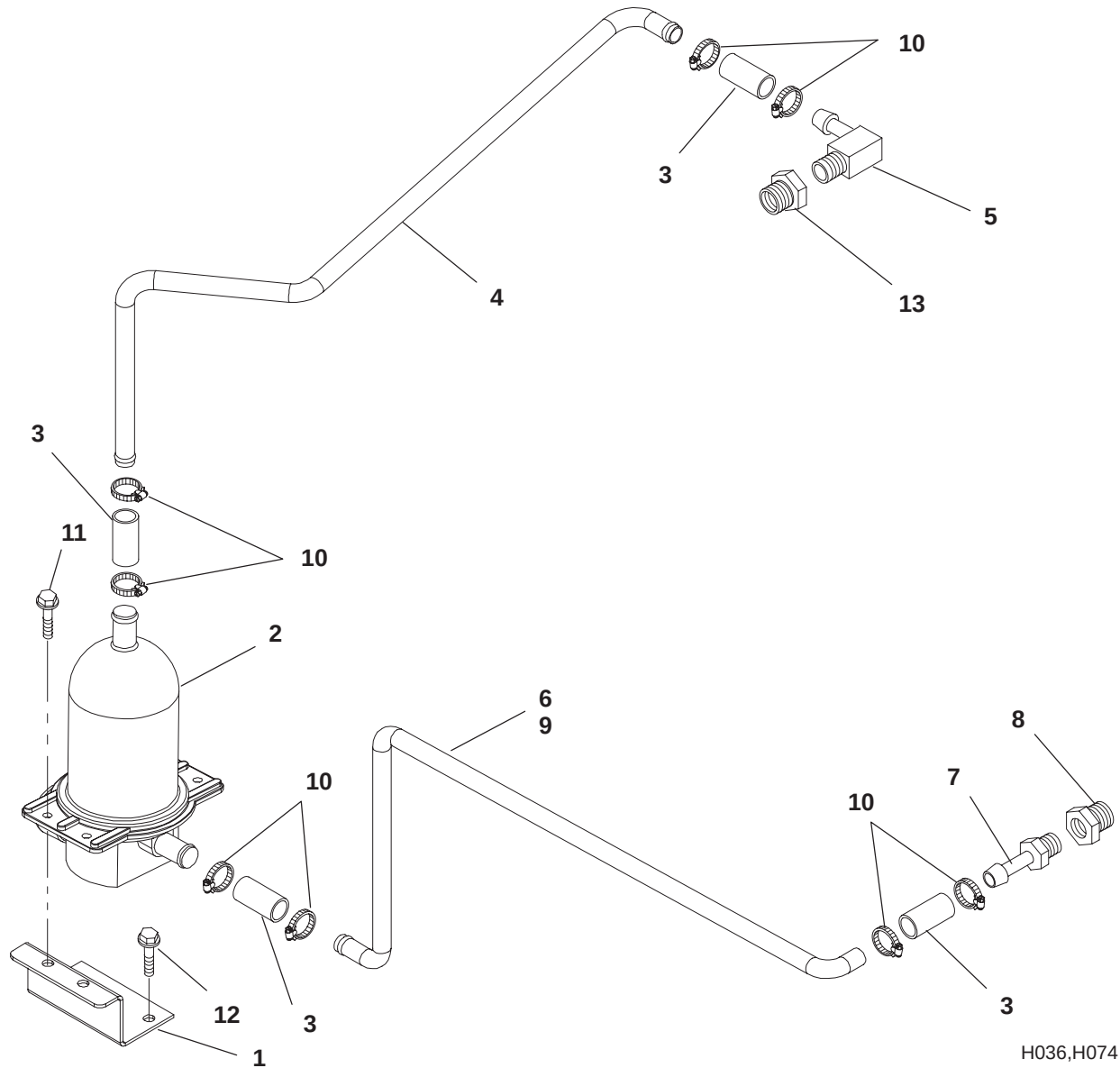
Low Coolant Level Sender
Without Continuously Monitored Low Coolant Level
DGDA Spec M, DGDB Spec M, DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B



H389,H572

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0468	1	Sender, Low Coolant Level (S7)	3	332-1389	3	Tie, Cable
2			Harness, Low Coolant Level Sender				
	338-3756	1	DGDA, DB				
	338-3757	1	DGEA, FA, FB, FC – Shutdown				
	338-3758	1	DGEA, FA, FB, FC – Warning				

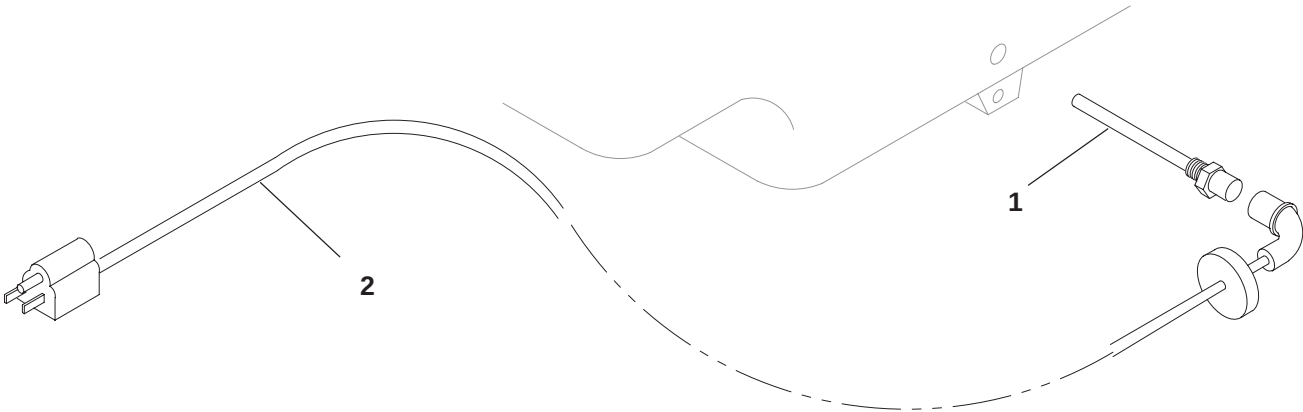
Water Heater



H036,H074

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Bracket, Heater	7			Connector, Hose (3/8 NPT x 5/8 Hose)
	333-0584	1	DGDA, DB – Basic Skid		502-0943	1	DGDA, DB
	333-0615	1	DGDA, DB – Housing Compatible Skid		502-0943	2	DGEA, FA, FB, FC
	333-0615	1	DGEA, FA, FB, FC	8	505-0019	1	Bushing, Reducer (3/8 x 1/2)
2			Heater, Engine Coolant	9	130-4720	1	Tube – Water Heater (DGEA, FA, FB, FC)
	333-0588-03	1	120 Volt	10	503-0183	8	Clamp, Hose
	333-0588-04	1	240 Volt	11			Screw, SEMS – Hex Head (M6 x 1.0 x 16)
3	503-1634-02	4	Hose, Silicon Rubber (5/8 x 2.5)		821-6002-03	2	DGDA, DB – Basic Skid
4			Tube, Water Heater		821-6002-03	4	DGDA, DB – Housing Compatible Skid
	130-4644	1	DGDA, DB		821-6002-03	4	DGEA, FA, FB, FC
	130-4719	1	DGEA, FA, FB, FC	12	821-6003-02	2	Screw, SEMS – Hex Head (M6 x 1.25 x 20) DGDA, DB – Basic Skid
5	502-0942	1	Elbow, Hose – 90°	13	505-0131	1	Bushing, Reducer (3/4 x 3/8)
			DGDA, DB				
6	130-4717	1	Tube, Water Heater DGDA, DB				

Oil Heater

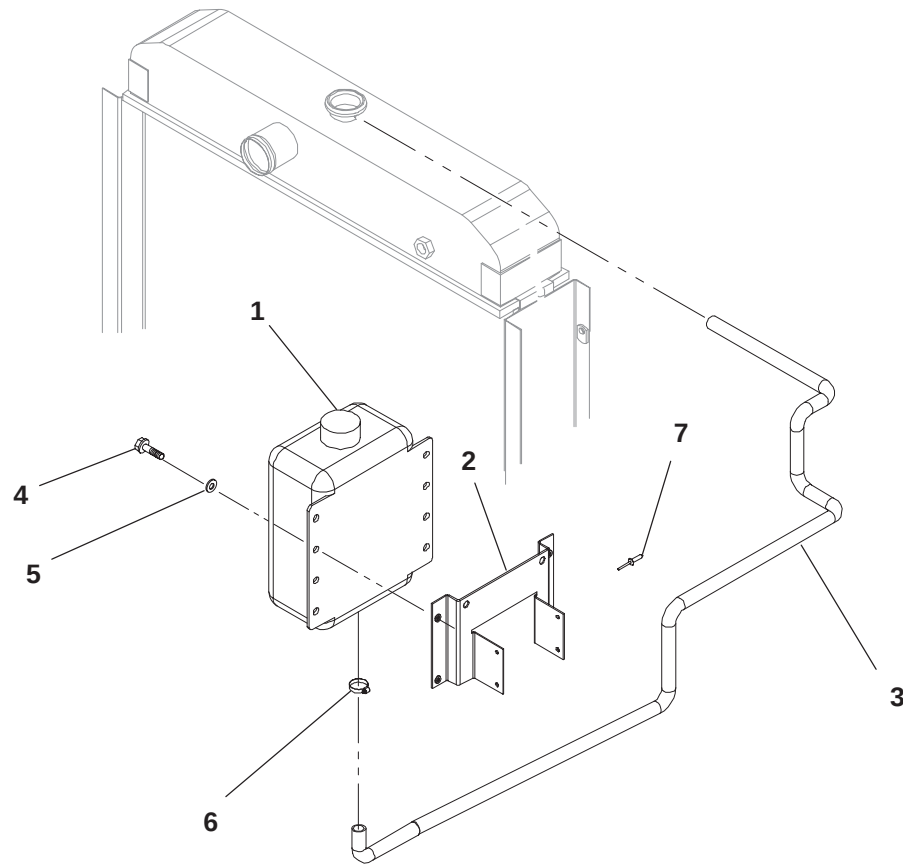


H487,H79

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater, Oil
	333-0429-01	1	120 Volt
	333-0429-02	1	240 Volt

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Cable, Heater – Oil
	335-0168-01	1	120 Volt
	335-0168-02	1	240 Volt

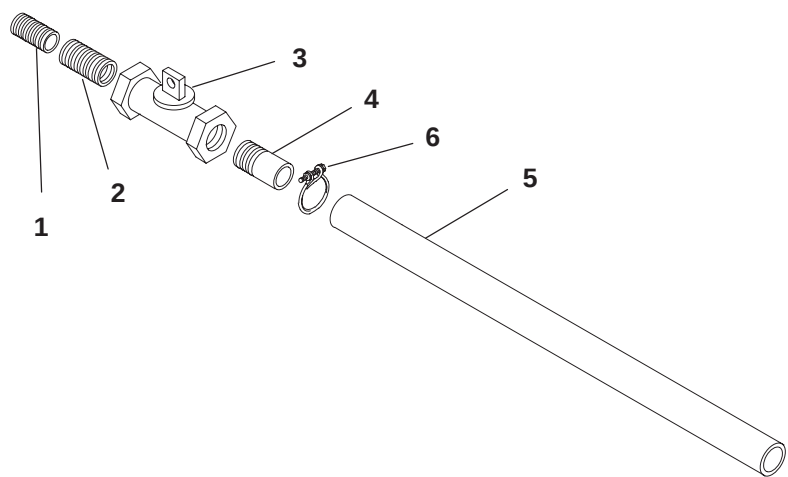
Overflow Bottle DGDA and DGDB Spec M



F172,F173

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3984	1	Bottle, Overflow	4	821-6002-03	4	Screw, Hex Head (M6 x 1 x 16)
2	130-4750	1	Bracket, Bottle	5	526-0399-13	4	Washer, Flat
3	503-0276	—	Hose, Overflow – Bulk (5/16" ID) (Order By The Foot – 6 Feet Required)	6	503-0685	1	Clamp, Hose
				7	818-0231-02	4	Rivet, Pop

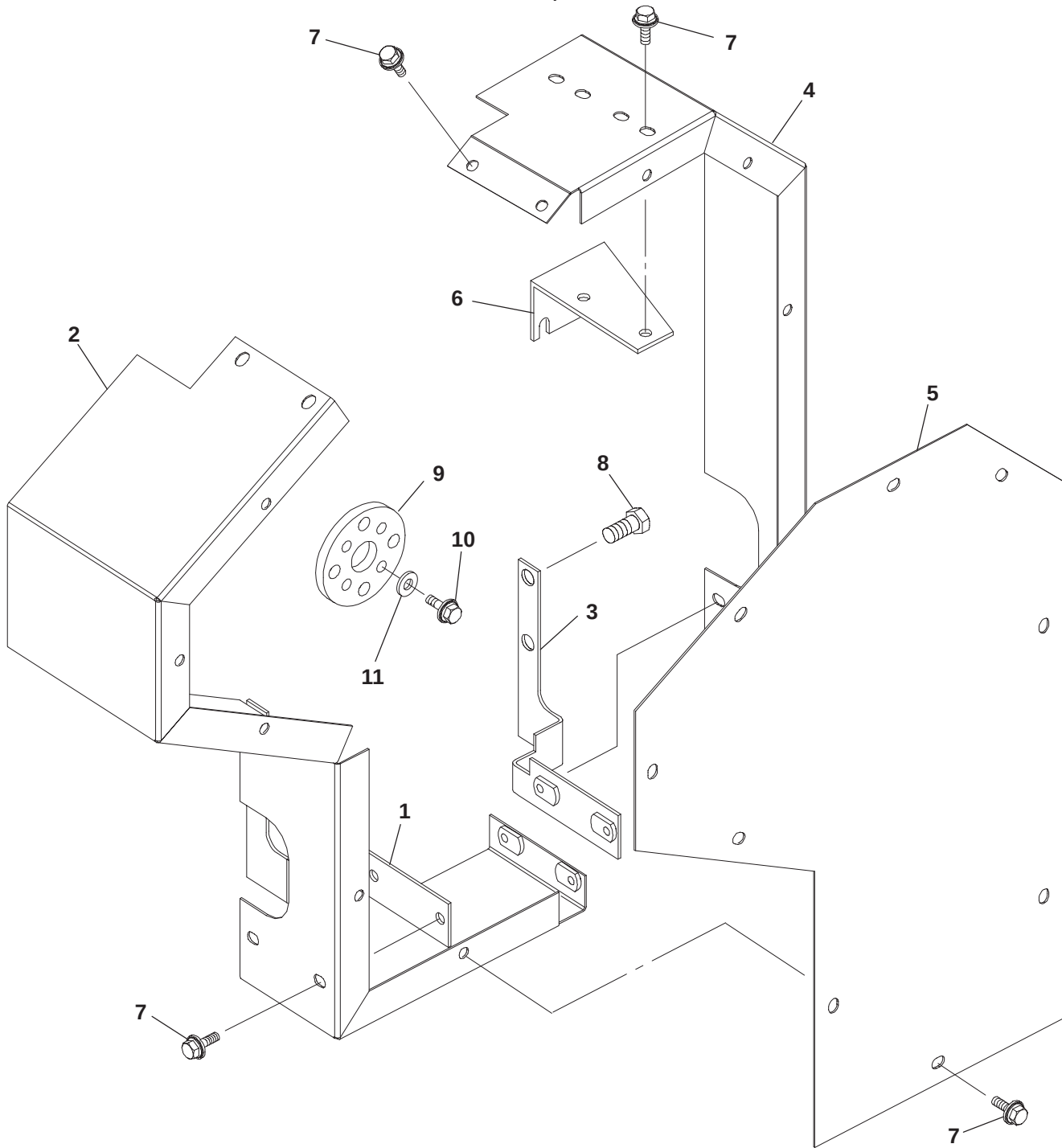
Radiator Drain



E089

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Nipple, Pipe	3	504-0011	1	Valve, Shutoff (1/2)
	502-0085	1	DGDA, DB (3/8)	4	505-0185	1	Nipple, Half
	502-0047	1	DGEA, FA, FB, FC (1/4)	5	503-1195	1	Hose (24")
2			Bushing, Flush	6	503-0197	1	Clamp, Hose
	505-0117	1	DGDA, DB (3/8 x 1/2)				
	502-0802	1	DGEA, FA, FB, FC (1/4 x 1/2)				

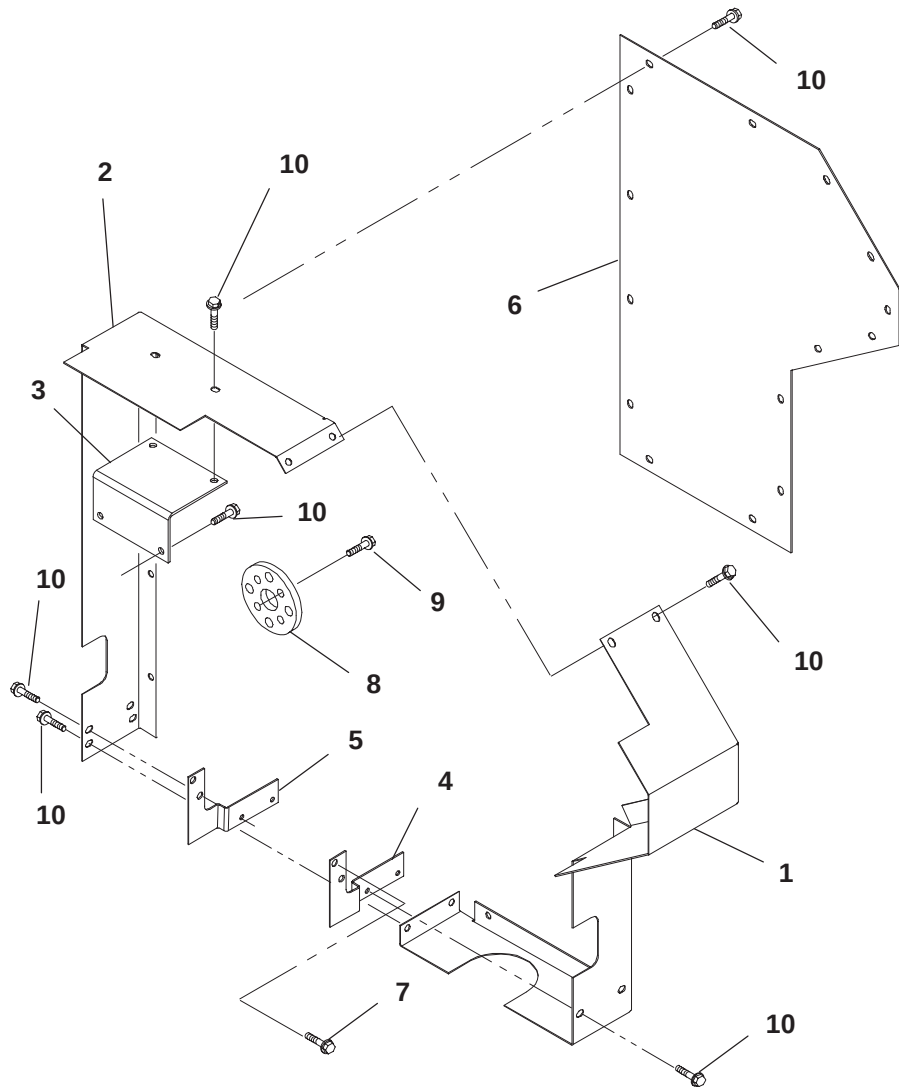
Remote Radiator DGDA, DGDB



E043

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4637	1	Bracket, Guard – Belt	8	800-2110	4	Screw, Cap – Hex Head (M12 x 20)
2	130-4639	1	Guard, Belt	9	130-3582	1	Plate, Clamping
3	130-4636	1	Bracket, Guard – Belt	10	800-2058	4	Screw, Cap – Hex Head (M8 x 25)
4	130-4638	1	Guard, Belt	11	526-2106	4	Washer, Flat (M8)
5	130-4640	1	Cover, Guard – Belt				
6	130-4635	1	Bracket, Guard – Belt				
7	821-6003-02	19	Screw, Hex Head (M8 x 1.25 x 20)				

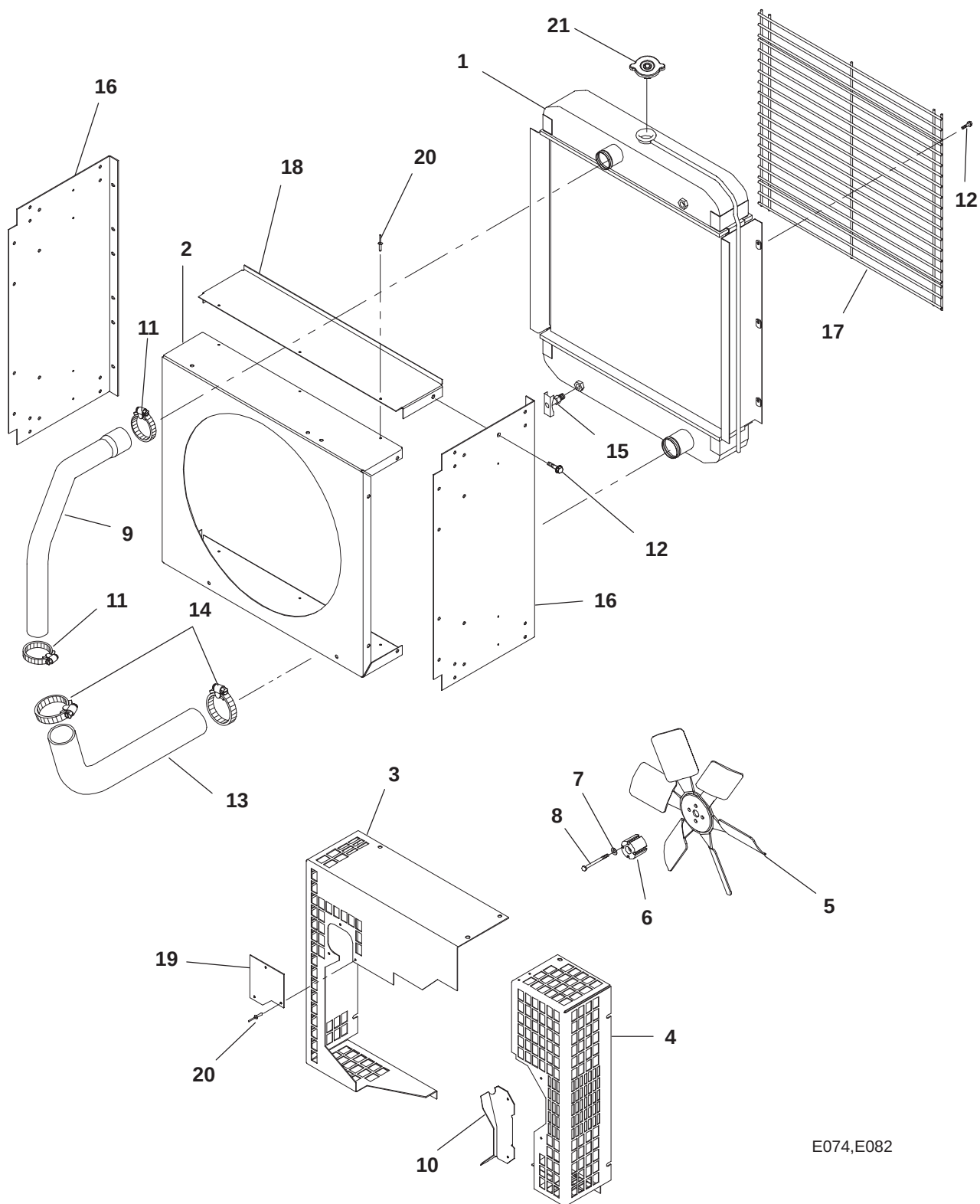
Remote Radiator DGEA, DGFA, DGFB



E043

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4708	1	Guard, Belt	7	800-2110	4	Screw, Cap – Hex Head (M12 x 1.75 x 20)
2	130-4709	1	Guard, Belt	8	130-3582	1	Plate, Clamping
3	130-4712	1	Bracket, Guard – Belt	9	821-2061	4	Screw, Lock – Flange (M10 x 1.5 x 25)
4	130-4710	1	Bracket, Guard – Belt (LH)	10	821-6003-02	27	Screw, SEMS – Hex Head (M8 x 1.25 x 20)
5	130-4711	1	Bracket, Guard – Belt (RH)				
6	130-4707	1	Cover, Guard – Belt				

Radiator **DGDA, DGDB**

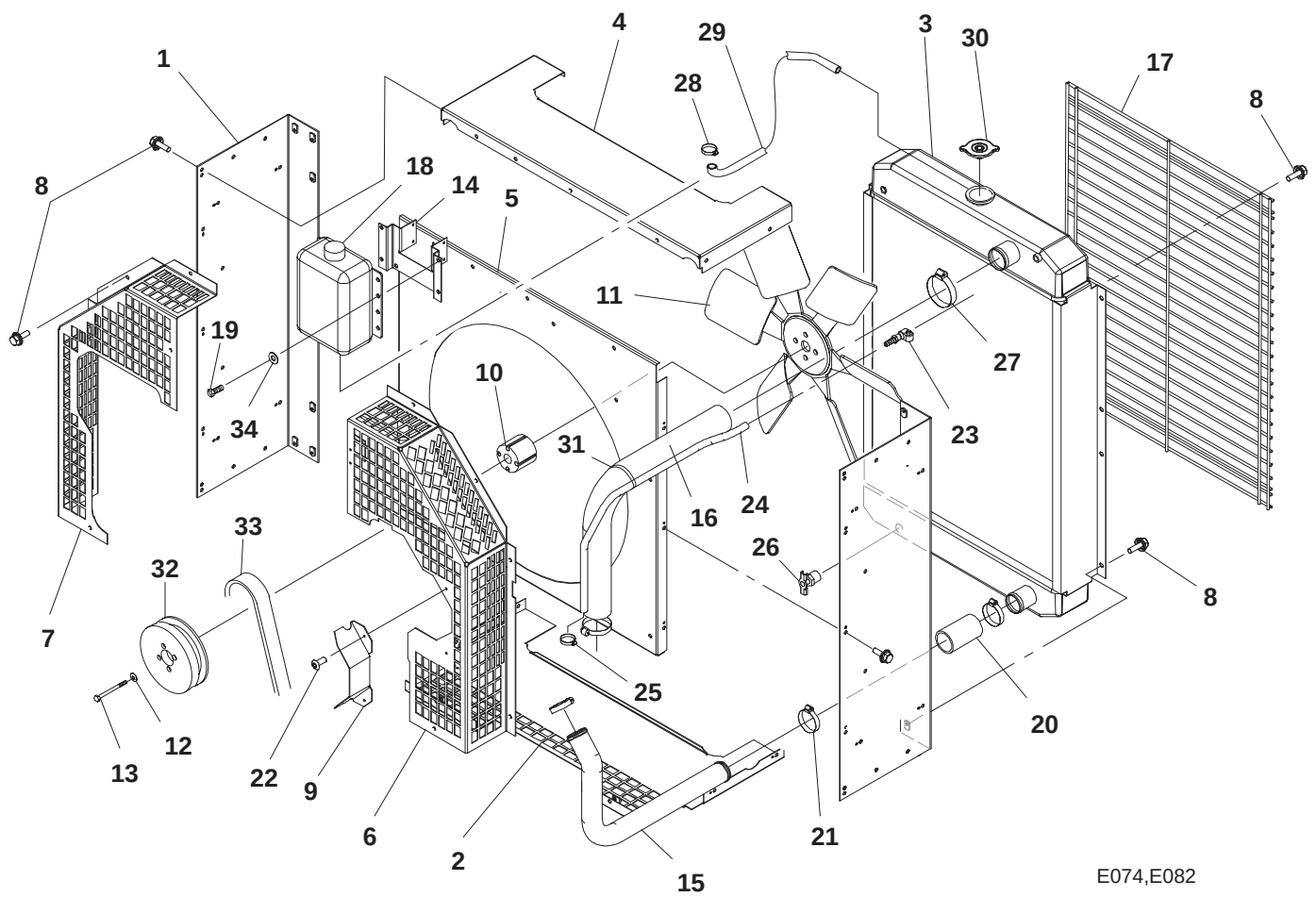


E074,E082

Radiator DGDA, DGDB

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Radiator				(M8 x 1.25 x 65)
	130-4596-02	1	Standard – 3 Row Core	13			Hose, Radiator – Outlet
	130-4596-03	1	Enhanced – 4 Row Core		503-2069	1	Housing Compatible Skid
2	130-4757	1	Shroud		503-1929	1	Basic Skid
3	130-4600	1	Guard, Fan (RH)	14	503-0465	2	Clamp, Hose
4	130-4756	1	Guard, Fan (LH)	15	504-0028	1	Cock, Drain
5	130-3080	1	Fan, Radiator	16			Support, Side – Radiator
6	130-3082	1	Spacer, Fan		130-4731	2	Housing Compatible Skid
7	526-2100	4	Washer, Flat (M8)		130-4759	2	Basic Skid
8	800-2068	4	Screw, Cap – Hex Head (M8 x 1.25 x 65)	17	130-4602	1	Grille – Basic Skid
9			Hose, Radiator – Inlet	18	130-4737	2	Panel, Radiator Shroud – Housing Compatible Skid
			Housing Compatible Skid	19	130-4715	1	Cover, Fan Guard
	503-2068	1	Spec L	20			Rivet, Pop
	503-2068-01	1	Spec M		818-0231-02	12	Housing Compatible Skid
			Basic Skid		818-0231-02	5	Basic Skid
	503-2003	1	Spec L	21			Cap, Radiator
	503-2003-01	1	Spec M		130-3721-01	1	With Overflow Bottle (15 PSI)
10	130-4716	1	Guard, Alternator		130-1788	1	Without Overflow Bottle (15 PSI)
11	503-0365	2	Clamp, Hose				
12	821-6003-02	24	Screw, SEMS – Hex Head				

Radiator **DGEA, DGFA, DGFB**



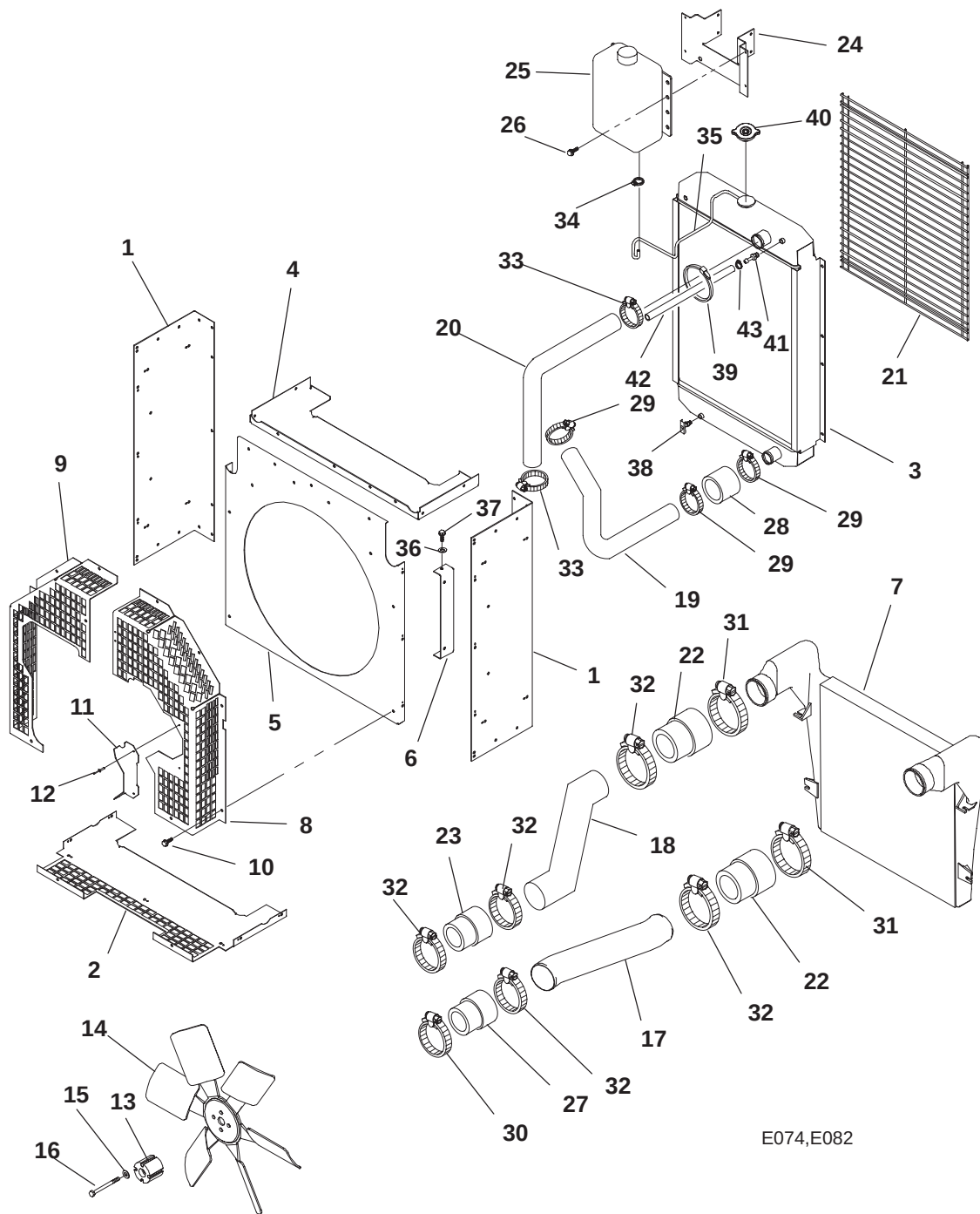
E074,E082

Radiator **DGEA, DGFA, DGFB**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4694	2	Side, Housing	15	503-2045	1	Tube, Outlet – Radiator
2	130-4693	1	Cover, Shroud – Bottom	16	503-2044	1	Hose, Inlet – Radiator
3			Radiator	17	130-4735	1	Grille (Unhoused Sets)
	130-4691-01	1	All except DGFB 50° Centigrade	18	130-3984	1	Tank, Coolant Recovery
	130-4691-02	1	DGFB 50° Centigrade	19	821-6002-03	4	Screw, SEMS – Hex Head (M6 x 1 x 16)
4	130-4700	1	Cover, Shroud – Top	20	503-1554	1	Hose, Radiator
5	130-4698	1	Shroud	21	503-0365	3	Clamp, Hose
6	130-4697	1	Guard, Fan – LH	22	818-0231-02	2	Rivet, Pop
7	130-4695	1	Guard, Fan – RH	23	502-1162	1	Fitting, Barbed – Hose
8	821-6003-02	44	Screw, SEMS – Hex Head (M8 x 1.25 x 20)	24	503-1408-01	1	Hose
9	130-4716	1	Guard, Alternator	25	503-0446	2	Clamp, Hose
10	130-3216-01	1	Spacer, Fan	26	504-0003	1	Cock, Drain
11			Fan, Radiator	27	503-0465	2	Clamp, Hose
	130-3208	1	110DGEA 40/50	28	503-0685	1	Clamp, Hose
	130-4733	1	125DGEA 40/50	29	898-1195-02	–	Tubing, Convolute – Bulk (Order By The Foot – 4 Feet Required)
	130-4733	1	140DGFA 40/50	30	130-3721-01	1	Cap, Radiator (15 PSI)
	130-3208	1	150DGFB 40	31	332-1389	2	Tie, Cable
	130-3208	1	150DGFA 50	32	512-0191	1	*Pulley, Fan
	130-4733	1	150DGFB 50	33	511-0161-16	1	*Belt, V – Ribbed
	130-4733	1	175DGFB 40	34	526-0399-13	4	Washer, Flat
	130-3208	1	175DGFB 50				
12	526-2120	4	Washer, Flat (M10)				
13	800-2099	4	Screw, Cap – Hex Head (M10 x 90)				
14	130-4750	1	Bracket, Bottle				

* – Used only on DGFA, DGFB 50Hz, 50C.

Radiator DGFC

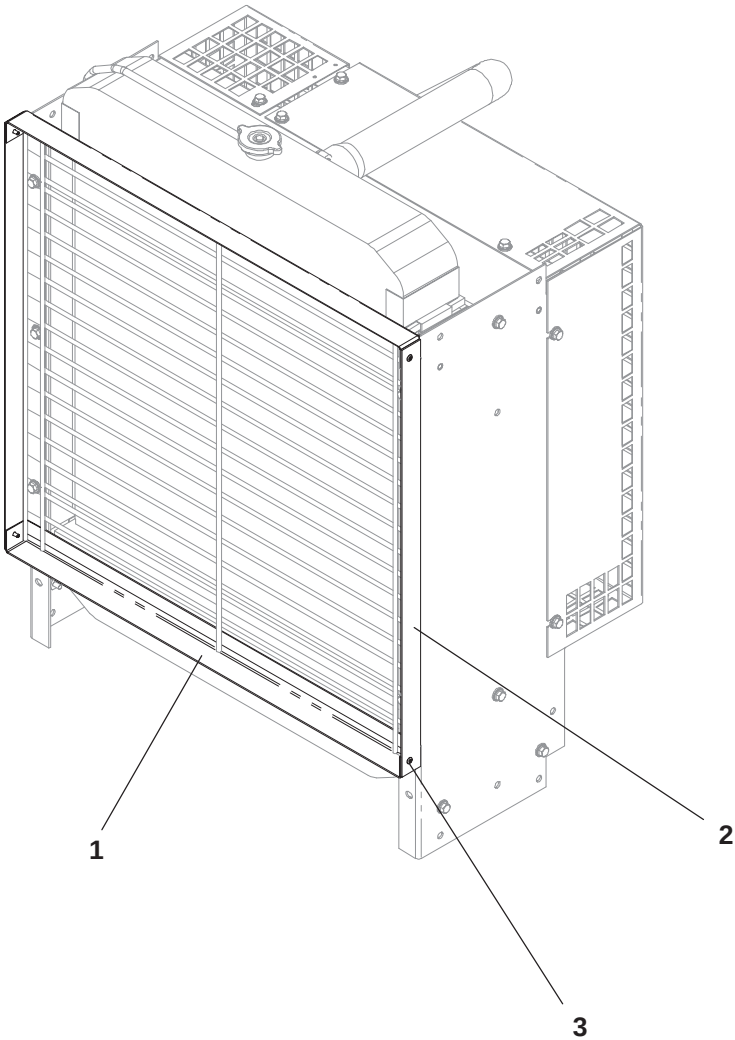


E074,E082

Radiator DGFC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4694	2	Side, Housing	24	130-4750	1	Bracket, Bottle
2	130-4693	1	Cover, Shroud – Bottom	25	130-3984	1	Tank, Coolant Recovery
3	130-4691-02	1	Radiator	26	821-6002-03	4	Screw, SEMS – Hex Head (M6 x 1 x 16)
4	130-4700	1	Cover, Shroud – Top	27	502-1294	1	Connector, Turbo Tube
5	130-4692	1	Shroud	28	503-1554	1	Hose, Radiator
6	130-4699	2	Bracket, Charger Air Cleaner	29	503-0365	3	Clamp, Hose
7	154-3021	1	Cooler, Air – Charger	30	503-1872-05	1	Clamp, Hose
8	130-4697	1	Guard, Fan – LH	31	503-1872-07	2	Clamp, Hose
9	130-4695	1	Guard, Fan – RH	32	503-1872-06	5	Clamp, Hose
10	821-6003-02	48	Screw, SEMS – Hex Head (M8 x 1.25 x 20)	33	503-0465	2	Clamp, Hose
11	130-4716	1	Guard, Alternator	34	503-1445-06	1	Clamp, Hose
12	818-0231-02	2	Rivet, Pop	35	898-1195-02	–	Sleeving, Convoluted – Bulk (Order By The Foot – 4 Feet Required)
13	130-3216-01	1	Spacer, Fan	36	526-0113	4	Washer, Flat (5/16")
14	130-4733	1	Fan, Radiator	37	800-2059	4	Screw, Cap – Hex Head (M8 x 30)
15	526-2120	4	Washer, Flat (M10)	38	504-0003	1	Cock, Drain
16	800-2099	4	Screw, Cap – Hex Head (M10 x 90)	39	332-1389	2	Tie, Cable
17	502-1290	1	Tube, Connector – Turbo (3.5")	40	130-3721-01	1	Cap, Radiator (15 PSI)
18	502-1291	1	Tube, Charge Air Cleaner	41	502-1162	1	Connector, Hose
19	503-2045	1	Tube, Radiator Outlet	42	503-1408-01	1	Hose
20	503-2044	1	Hose, Radiator Inlet	43	503-0446	2	Clamp, Hose
21	130-4735	1	Grille (Unhoused sets)				
22	502-1292	2	Connector, Turbo Tube				
23	502-1293	1	Connector, Turbo Tube				

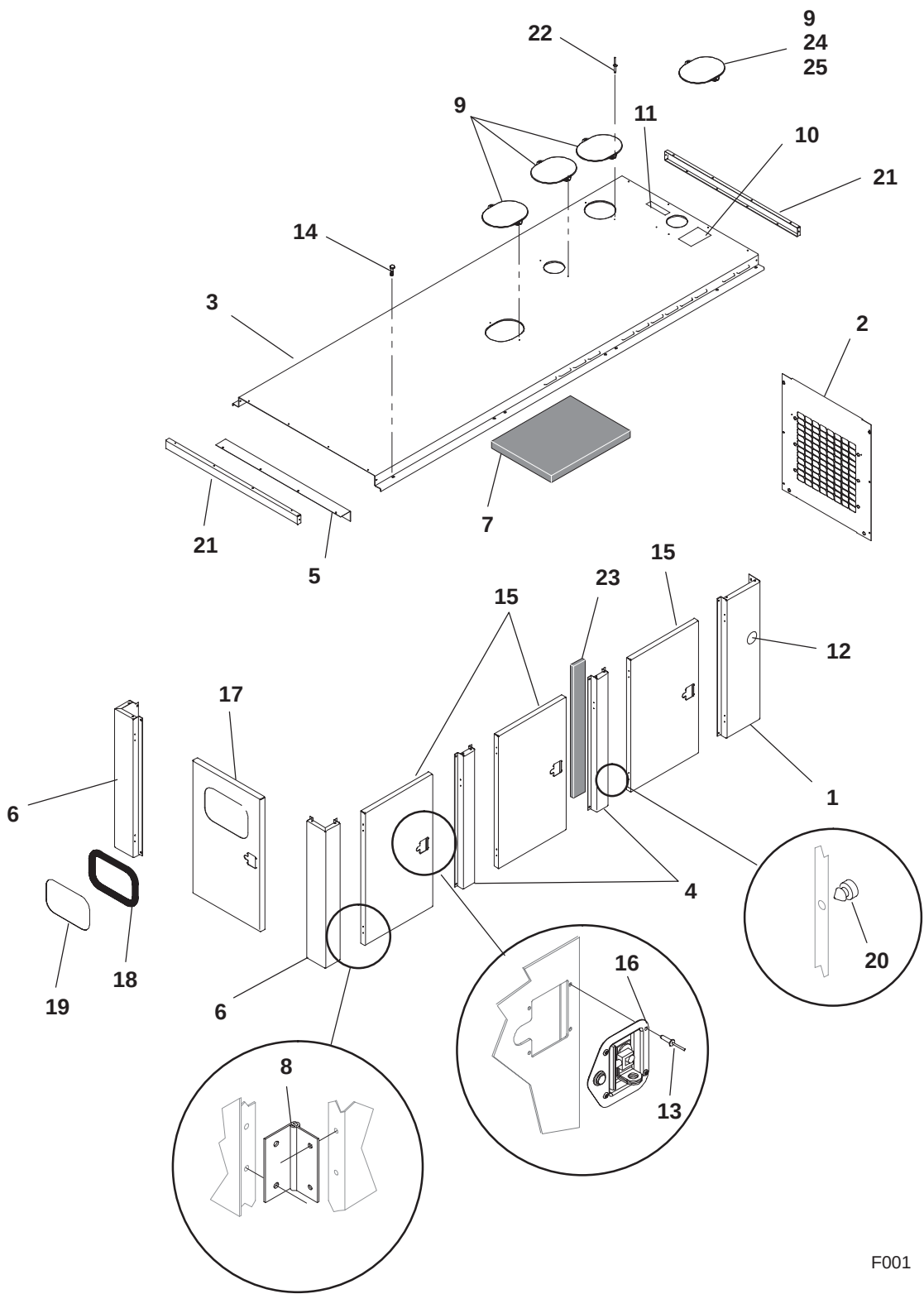
Duct Adapter



F013

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4622	2	Adapter, Duct	3	818-0231-02	4	Rivet, Pop
2	130-4623	2	Adapter, Duct – Side				
	130-4734	2	DGDA, DGDB				
			DGEA, DGFA, DGFB, DGFC				

Housing
Standard Weather Protective

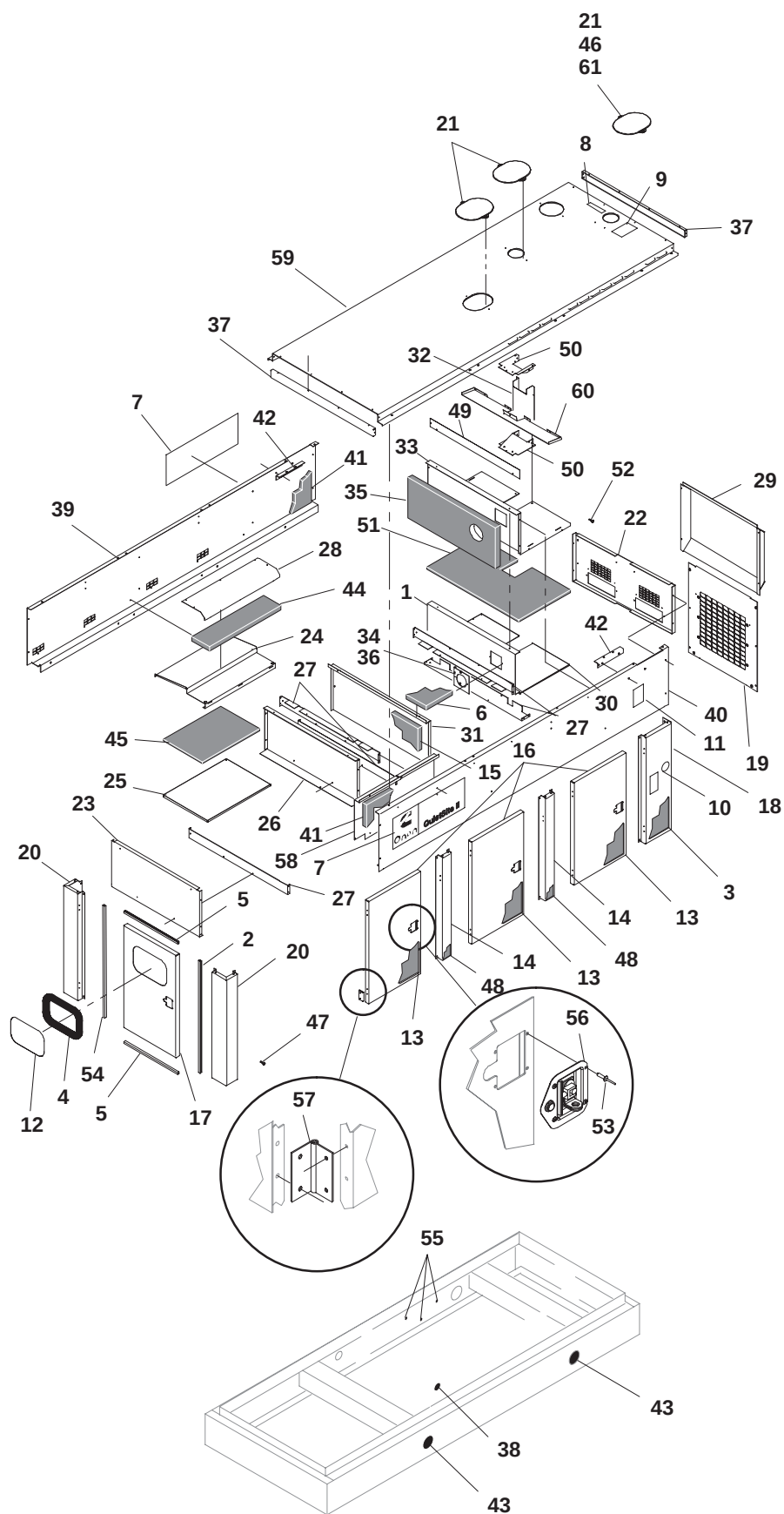


F001

Housing Standard Weather Protective

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-5908	2	Panel, Side – Radiator Housing	16	406-0835	7	Latch, Door
2			Panel, Front – Radiator Housing		406-0782	7	Key, Replacement (fits Latch 406-0835)
	405-5910	1	DGDA, DGDB				
	405-5909	1	DGEA, DGFA, DGFB, DGFC	17			Door, Housing
3	405-5926	1	Roof		405-5903	1	Sets With Control Window
4	405-5744	4	Post, Housing – Center		405-5902	1	Sets W/O Control Window
5	405-5915	1	Angle, Roof	18	895-0363	–	Weatherstrip – Window – Bulk (Order By The Foot – 5 Feet Required)
6	405-5916	2	Post, Corner – Housing				
7	128-0154-02	1	Insulation, Foam				
8	406-0831	14	Hinge, Door	19	319-2653	1	Window, Control (If Equipped)
9	155-3238	3	Cover, Exhaust	20	895-0382	14	Bumper, Door
10	098-4730	1	Label, Warning	21	405-5917	2	Panel, End – Roof
11	098-5429	1	Label, Coolant Fill	22	818-0237-01	6	Rivet, Pop (1/8)
12	098-4500	2	Label, Prototype Tested	23	128-0154-01	1	Insulation, Foam
13	818-0231-02	98	Rivet, Pop (3/16)	24	870-0504	2	Nut, Captive Floating (M6 x 1.0)
14	821-6003-02	36	Screw, Hex Head (M8 x 1.25 x 20)	25	821-6002-03	2	Screw, Hex Head (M6 x 16)
15	405-5832	6	Door, Housing				

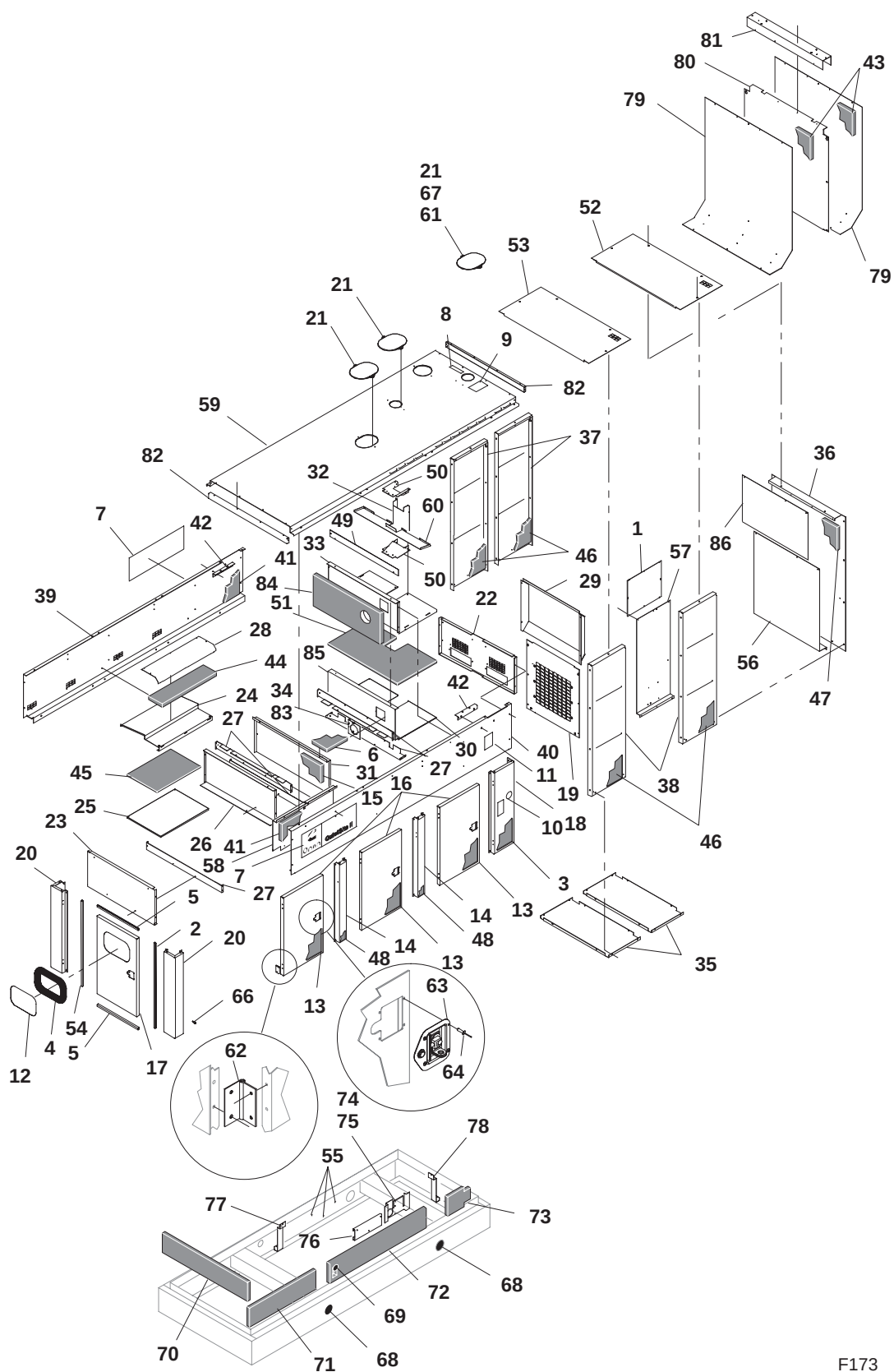
Housing Quiet Site First Stage



Housing Quiet Site First Stage

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6034	1	Retainer, Insulation	30	405-5960	1	Retainer, Insulation
2	895-0385	7	Weather Seal – Side	31	405-5961	3	Retainer, Insulation
3	405-6000-06	2	Fiberglass – DGDA, DGDB	32	405-5963	1	Fill Neck – Radiator
4	895-0363	–	Weather Strip – Window – Bulk (Order By The Foot – 5 Feet Required)	33	405-5966	1	Box, Muffler
5	895-0384	14	Weather Seal – Top & Bottom	34	405-5986	1	Cover, Exhaust Inlet
6	405-6001-01	2	Fiberglass	35	405-6109	1	Fiberglass
7	098-7470	2	Label, Model	36	526-0011	2	Washer, Flat
8	098-5429	1	Label, Coolant Fill	37	405-5917	2	Panel, End – Roof
9	098-4730	1	Label, Caution	38	517-0138-07	2	Plug
10	098-4500	2	Label, Prototype Tested	39	405-5950	1	Extension, Side – RH
11	098-7451	2	Label, Caution	40	405-5951	1	Extension, Side – LH
12	319-2653	1	Window, Control	41	405-5997	2	Fiberglass
13	405-5734	6	Insulation, Door	42	405-5998	2	Support, Muffler
14	405-5744	4	Post, Housing – Center	43	517-0322	4	Plug
15	405-5841	3	Fiberglass	44	405-6000-02	2	Fiberglass
16			Door, Housing	45	405-6000-03	2	Fiberglass
	405-5902	6	Sets W/Control Window	46	821-6002-03	2	Screw, Hex Head (M6 x 16)
	405-5902	7	Sets WO/Control Window	47	821-6003-02	54	Screw, Hex Head (M8 x 20)
17	405-5903	1	Door W/Window Cutout	48	405-6001-02	4	Fiberglass
18	405-5908	2	Panel, Side – Radiator Housing	49	405-6002	1	Barrier, Air Flow
19			Panel, Front – Radiator Housing	50	405-6003	2	Box, Radiator Fill
	405-5910	1	DGDA, DGDB	51	405-6005	1	Fiberglass
	405-5909	1	DGEA, DGFA, DGFB, DGFC	52	818-0237-01	39	Rivet (1/8)
20	405-5916	2	Post, Corner – Housing	53	818-0231-02	164	Rivet (3/16)
21	155-3238	3	Cover, Exhaust	54	895-0386	7	Weather Seal
22	405-5952	1	Extension, Front	55	517-0131	3	Plug
23	405-5953	1	Extension, Rear	56	406-0835	7	Latch, Door
24	405-5954	2	Baffle, Air		406-0782	7	Key, Replacement (fits Latch 406-0835)
25	405-5955	2	Retainer, Insulation	57	406-0831	14	Hinge, Door
26	405-5956	1	Duct, Support	58	405-6015	2	Retainer, Insulation
27	405-5957	5	Angle, Support	59	405-5926	1	Roof
28	405-5958	2	Retainer, Insulation	60	405-5959	1	Baffle, Recirculation – Muffler
29			Baffle, Air – Discharge	61	870-0504	2	Nut, Captive Floating (M6 x 1.0)
	405-5962	1	DGEA, DGFA, DGFB, DGFC				
	405-6035	1	DGDA, DGDB				

Housing Quiet Site Second Stage

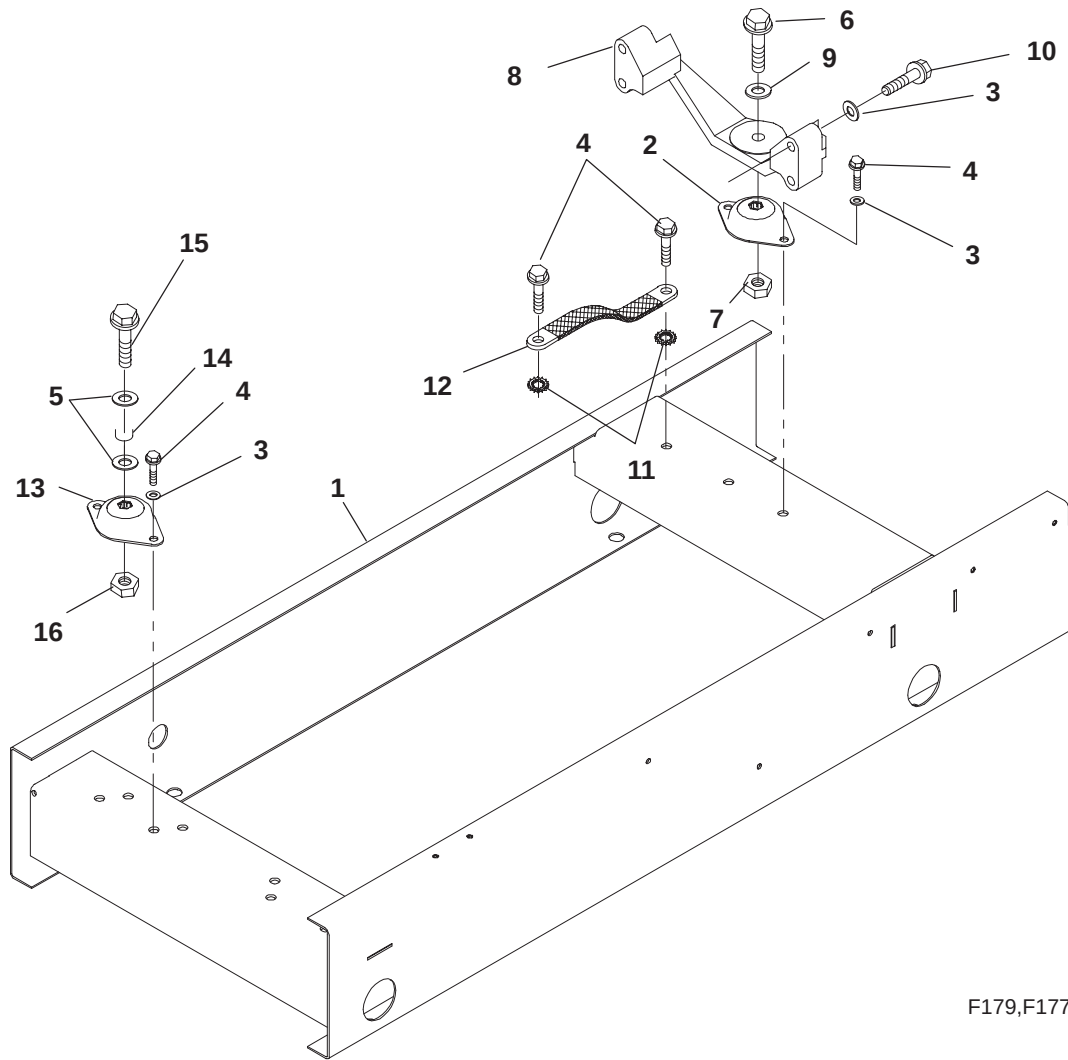


F173

Housing Quiet Site Second Stage

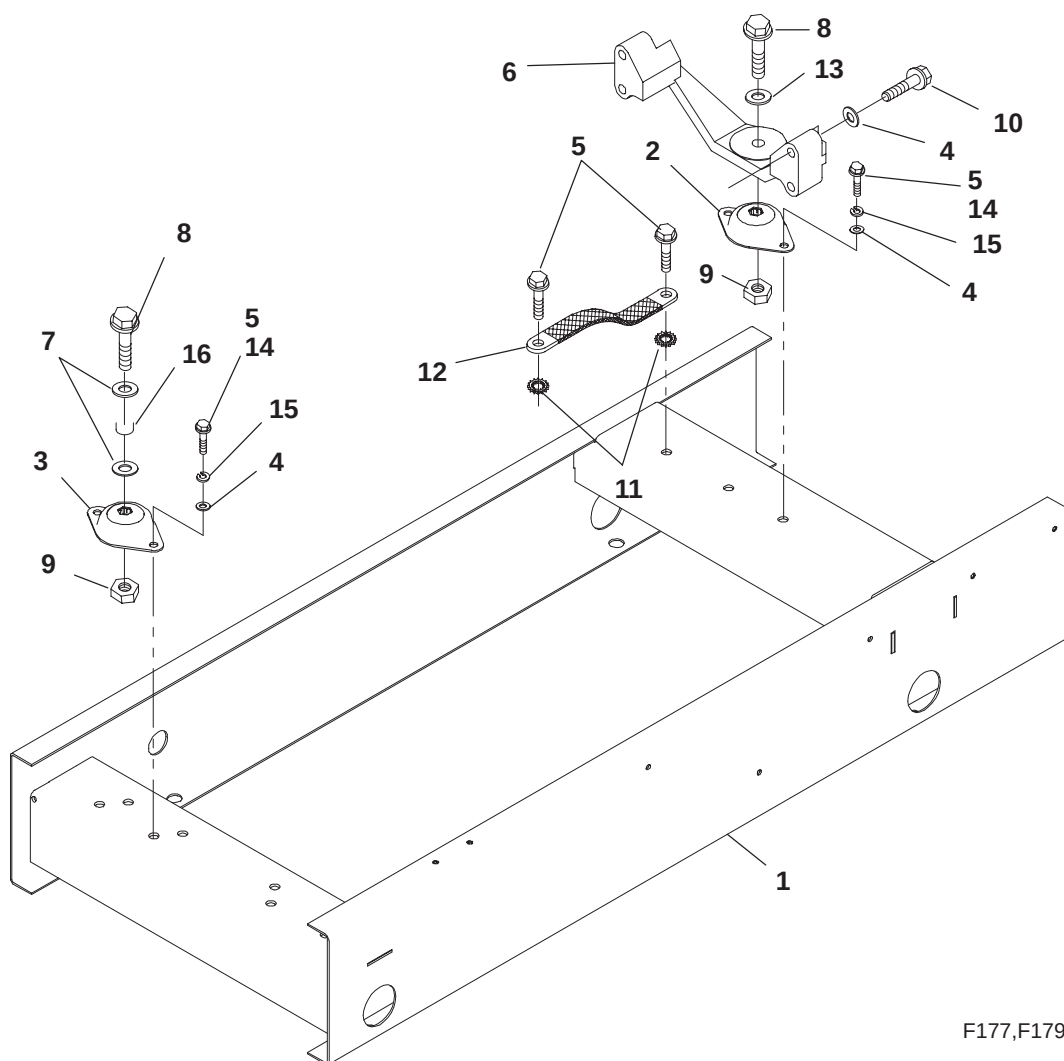
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Retainer, Insulation	44	405-6000-02	2	Fiberglass
	405-6044	2	DGDA, DGDB	45	405-6000-03	2	Fiberglass
	405-6044	4	DGEA, DGFA, DGFB, DGFC	46			Fiberglass
2	895-0385	7	Weather Seal – Side		405-6000-04	2	DGDA, DGDB
3	405-6000-06	2	Fiberglass – DGDA, DGDB		405-6000-04	4	DGEA, DGFA, DGFB, DGFC
4	895-0363	–	Weather Strip – Window – Bulk (Order By The Foot – 5 Feet Required)	47	405-6000-07	1	Fiberglass
				48	405-6001-02	4	Fiberglass
5	895-0384	14	Weather Seal – Top & Bottom	49	405-6002	1	Barrier, Air Flow
6	405-6001-01	2	Fiberglass	50	405-6003	2	Box, Radiator Fill
7	098-7470	2	Label, Model	51	405-6005	1	Fiberglass
8	098-5429	1	Label, Coolant Fill	52	405-5989	1	Cover, Discharge
9	098-4730	1	Label, Caution	53	405-6010	1	Cover, Discharge
10	098-4500	2	Label, Prototype Tested	54	895-0386	7	Weather Seal
11	098-7451	2	Label, Caution	55	517-0131	3	Plug
12	319-2653	1	Window, Control	56	405-6013	1	Retainer, Insulation
13	405-5734	6	Insulation, Door	57			Retainer, Insulation
14	405-5744	4	Post, Housing – Center		405-6014	2	DGDA, DGDB
15	405-5841	3	Fiberglass		405-6014	4	DGEA, DGFA, DGFB, DGFC
16			Door, Housing	58	405-6015	2	Retainer, Insulation
	405-5902	6	Sets W/Control Window	59	405-5926	1	Roof
	405-5902	7	Sets WO/Control Window	60	405-5959	1	Baffle, Recirculation – Muffler
17	405-5903	1	Door W/Window Cutout	61	870-0504	2	Nut, Captive Floating (M6 x 1.0)
18	405-5908	2	Panel, Side – Radiator Housing	62	406-0831	14	Hinge, Door
19			Panel, Front – Radiator Housing	63	406-0835	7	Latch, Door
	405-5910	1	DGDA, DGDB		406-0782	7	Key, Replacement (fits Latch 406-0835)
	405-5909	1	DGEA, DGFA, DGFB, DGFC	64	818-0231-02	190	Rivet (3/16)
20	405-5916	2	Post, Corner – Housing	65			Rivet (1/8)
21	155-3238	3	Cover, Exhaust		818-0237-01	69	DGDA, DGDB
22	405-5952	1	Extension, Front		818-0237-01	105	DGEA, DGFA, DGFB, DGFC
23	405-5953	1	Extension, Rear	66			Screw, Hex Head (M8 x 20)
24	405-5954	2	Baffle, Air		821-6003-02	89	DGDA, DGDB
25	405-5955	2	Retainer, Insulation		821-6003-02	97	DGEA, DGFA, DGFB, DGFC
26	405-5956	1	Duct, Support	67	821-6002-03	2	Screw, Hex Head (M6 x 16)
27	405-5957	5	Angle, Support	68	517-0322	4	Plug
28	405-5958	2	Retainer, Insulation	69	517-0138-07	2	Plug
29			Baffle, Air – Discharge	70	405-6001-03	2	Fiberglass
	405-5962	1	DGEA, DGFA, DGFB, DGFC	71	405-6001-04	2	Fiberglass
	405-6035	1	DGDA, DGDB	72	405-6009	2	Fiberglass
30	405-5960	1	Retainer, Insulation	73	405-6067	2	Fiberglass
31	405-5961	3	Retainer, Insulation	74			Retainer, Fiberglass – RH
32	405-5963	1	Fill Neck – Radiator		405-5839	1	DGDA, DGDB
33	405-5966	1	Box, Muffler		405-5907	1	DGEA, DGFA, DGFB, DGFC
34	405-5986	1	Cover, Exhaust Inlet	75			Retainer, Fiberglass – LH
35			Bottom, Discharge		405-6027	1	DGDA, DGDB
	405-5988	1	DGDA, DGDB		405-6028	1	DGEA, DGFA, DGFB, DGFC
	405-5988	2	DGEA, DGFA, DGFB, DGFC	76	405-6008	1	Adapter, Battery Tray
36	405-5990	1	Cover, Air Discharge	77	405-6016	11	Retainer, Fiberglass
37			Side, Discharge – RH	78	405-6007	1	Retainer, Fiberglass
	405-5991-01	1	DGDA, DGDB	79	405-5994	2	Retainer, Insulation – DGEA, DGFA, DGFB, DGFC
	405-5991-01	2	DGEA, DGFA, DGFB, DGFC				
38			Side, Discharge – LH	80	405-5992	1	Panel, Center – DGEA, DGFA, DGFB, DGFC
	405-5991-02	1	DGDA, DGDB				
	405-5991-02	2	DGEA, DGFA, DGFB, DGFC	81	405-5993	1	Cover, Duct – DGEA, DGFA, DGFB, DGFC
39	405-5950	1	Extension, Side – RH				
40	405-5951	1	Extension, Side – LH	82	405-5917	2	Panel, End – Roof
41	405-5997	2	Fiberglass	83	526-0011	2	Washer, Flat
42	405-5998	2	Support, Muffler	84	405-6109	1	Fiberglass
43	405-6000-01	2	Fiberglass – DGEA, DGFA, DGFB, DGFC	85	405-6034	1	Retainer, Insulation
				86	406-6132	1	Retainer, Insulation

Skid DGDA, DGDB



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Skid	8	403-2567-01	1	Support, Engine
	403-4185	1	Basic (F177)	9	526-0259-02	1	Washer, Flat (5/8)
	403-4155-01	1	Housing Compatible (F179)	10	800-2121	4	Screw, Cap – Hex Head (M12 x 1.75 x 75)
2	402-0716	1	Cushion, Vibration Isolating	11	856-0013	2	Washer, Lock – EIT (1/2)
3	526-0433	10	Washer, Hardened (M12)	12	337-0090	1	Strap, Ground
4	800-2543-02	8	Screw, Cap – Hex Head (M12 x 1.75 x 25)	13	402-0644	2	Cushion, Vibration Isolating
5	526-0238-01	4	Washer (3/4)	14	517-0094	2	Plug, Plastic
6	800-0599-05	1	Screw, Cap – Hex Head (Grade 8) (5/8–11 x 2.00)	15	800-0607	2	Screw, Cap – Hex Head (3/4–10 x 2)
7	870-0547	1	Nut, Hex (5/8–11)	16	862-0044	2	Nut, Hex (3/4–10)

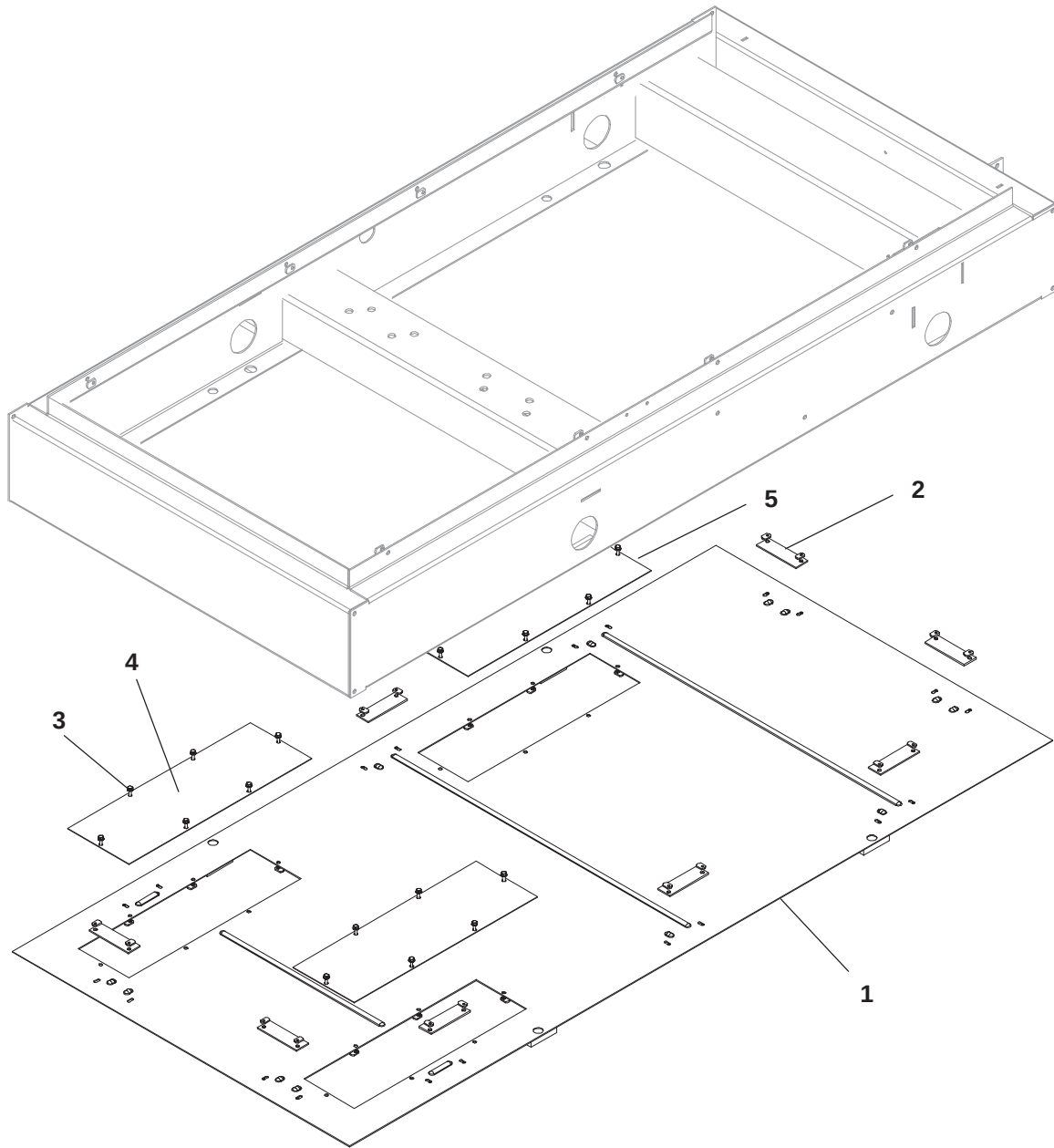
Skid **DGEA, DGFA, DGFB, DGFC**



F177,F179

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Skid	9	862-0044	3	Nut, Hex (3/4-10)
	403-4188	1	Basic (F177)	10	800-2124	4	Screw, Cap – Hex Head (M12 x 1.75 x 90)
	403-4154	1	Housing Compatible (F179)	11	856-0013	2	Washer, Lock – EIT (1/2)
2	402-0644	1	Cushion, Vibration Isolating	12	337-0090	1	Strap, Ground
3			Cushion, Vibration Isolating	13	526-0443	1	Washer, Flat – Hardened (3/4)
	402-0371	2	Standard Duty	14	800-2543-03	8	Screw, Cap – Hex Head – Severe Duty (M12 x 30)
	402-0568	2	Severe Duty	15	850-0117	6	Washer, Lock – Spring – Severe Duty – Hardened (M12)
4	526-0433	10	Washer, Hardened (M12)	16	517-0094	2	Plug, Plastic
5	800-2543-02	8	Screw, Cap – Hex Head – Standard Duty (M12 x 25)				
6	403-4218	1	Support, Engine				
7	526-0238-01	4	Washer, Flat (3/4)				
8	800-0607	3	Screw, Cap – Hex Head (3/4-10 x 2) (Grade 8)				

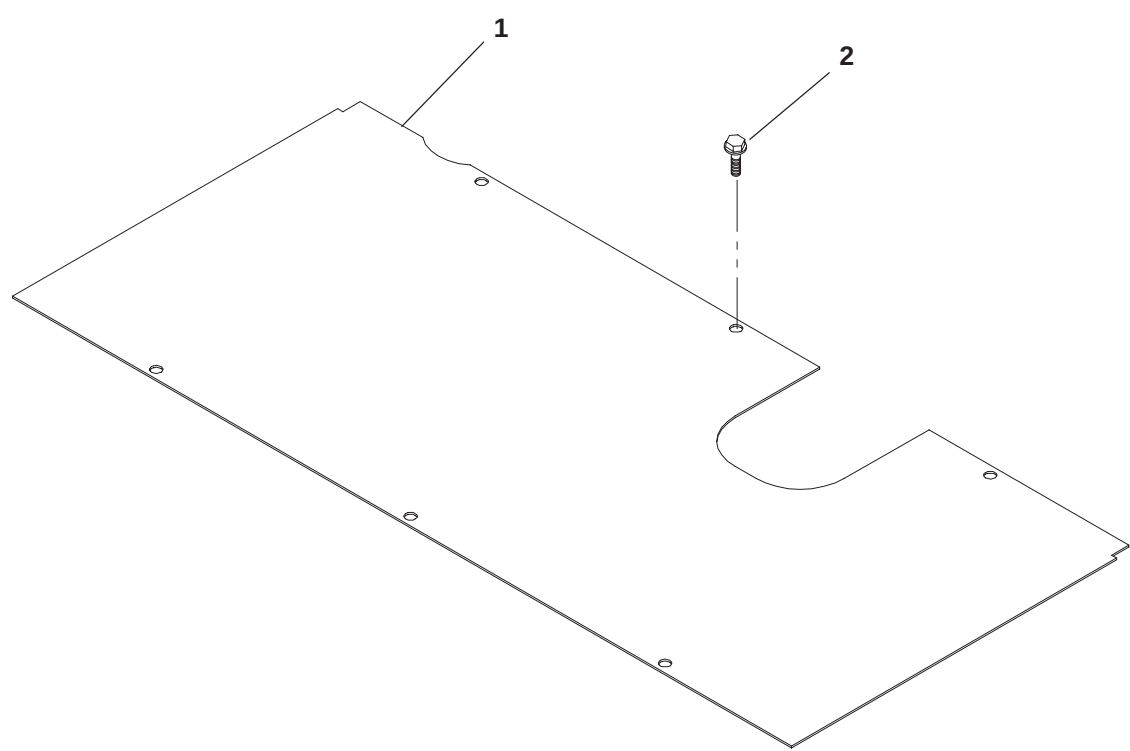
Skid Pan



F170

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4183	1	Pan, Skid	4	403-4215	2	Cover, Stub up
2	403-4110	12	Clamp	5	403-4116	1	Cover, Stub up
3	821-6002-03	42	Screw, SEMS – Hex Head (M6 x 1 x 16)				

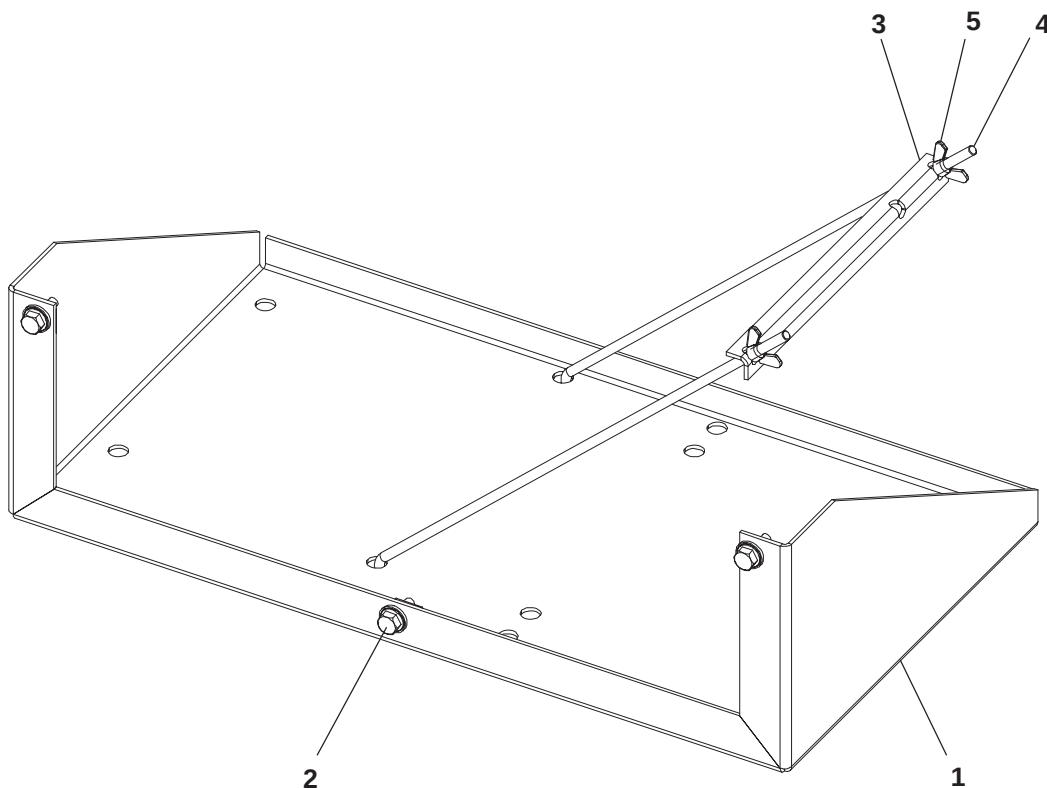
Sound Barrier



F172,F173

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1482	1	Cover, Fuel Tank	2	821-6003-02	6	Screw, SEMS – Hex Head (M8 x 1.25 x 20)

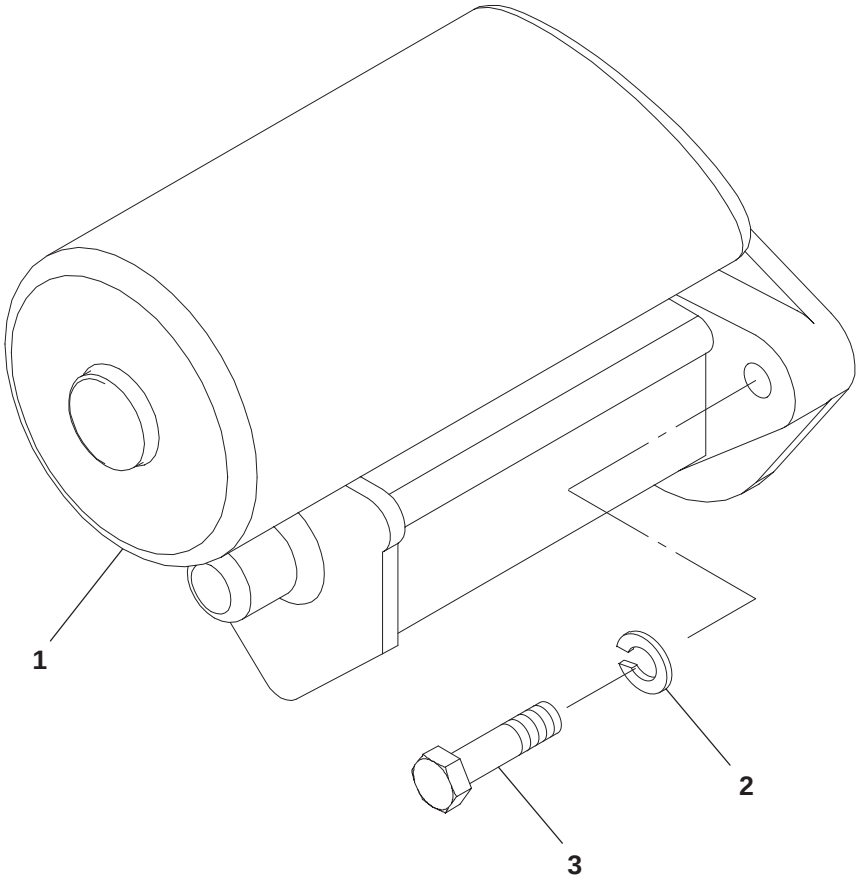
Battery Tray



F065

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4058	1	Tray, Battery	4	416-0993-02	2	Rod, Hold Down – Battery
2	821-6003-02	3	Screw, Hex Head (M8 x 20)	5	865-0030	2	Nut, Wing (M6)
3	416-1033	1	Hold Down, Battery				

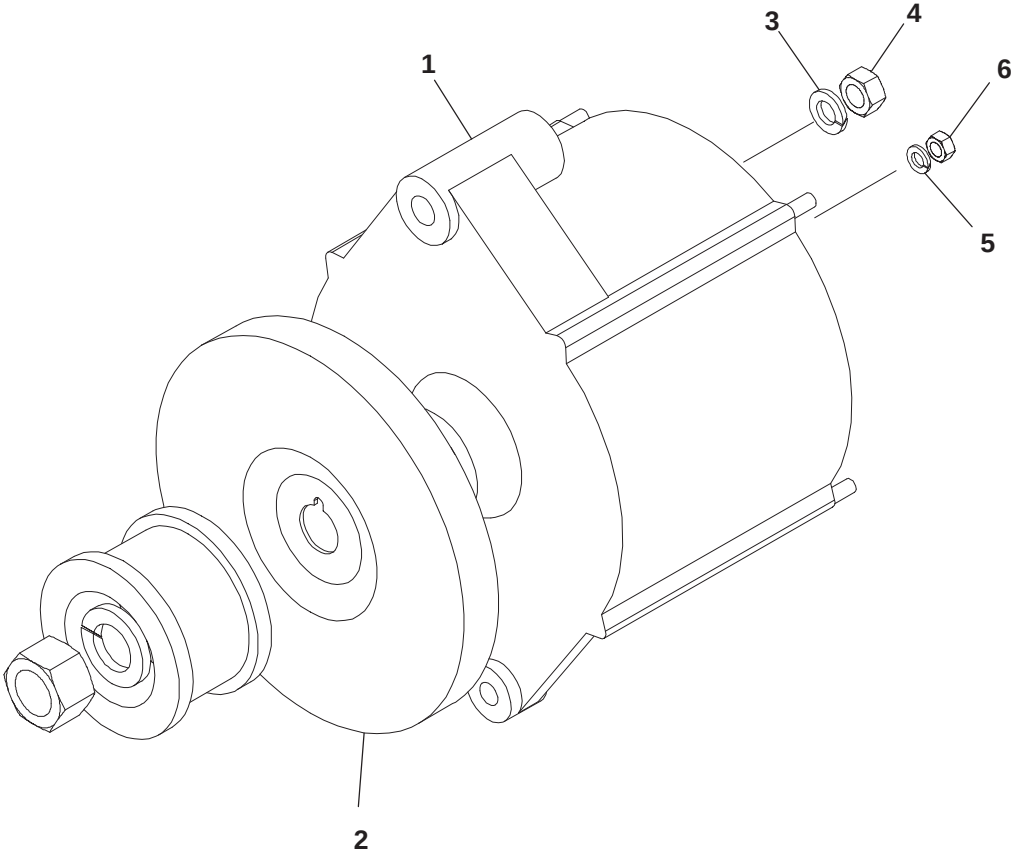
Starter



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Starter	2	850-2010	2	Washer, Lock (M10)
	191-2211	1	DGDA, DGDB	3	800-2089	2	Screw, Cap – Hex Head (M10 x 40)
	191-2212	1	DGEA, DGFA, DGFB, DGFC				

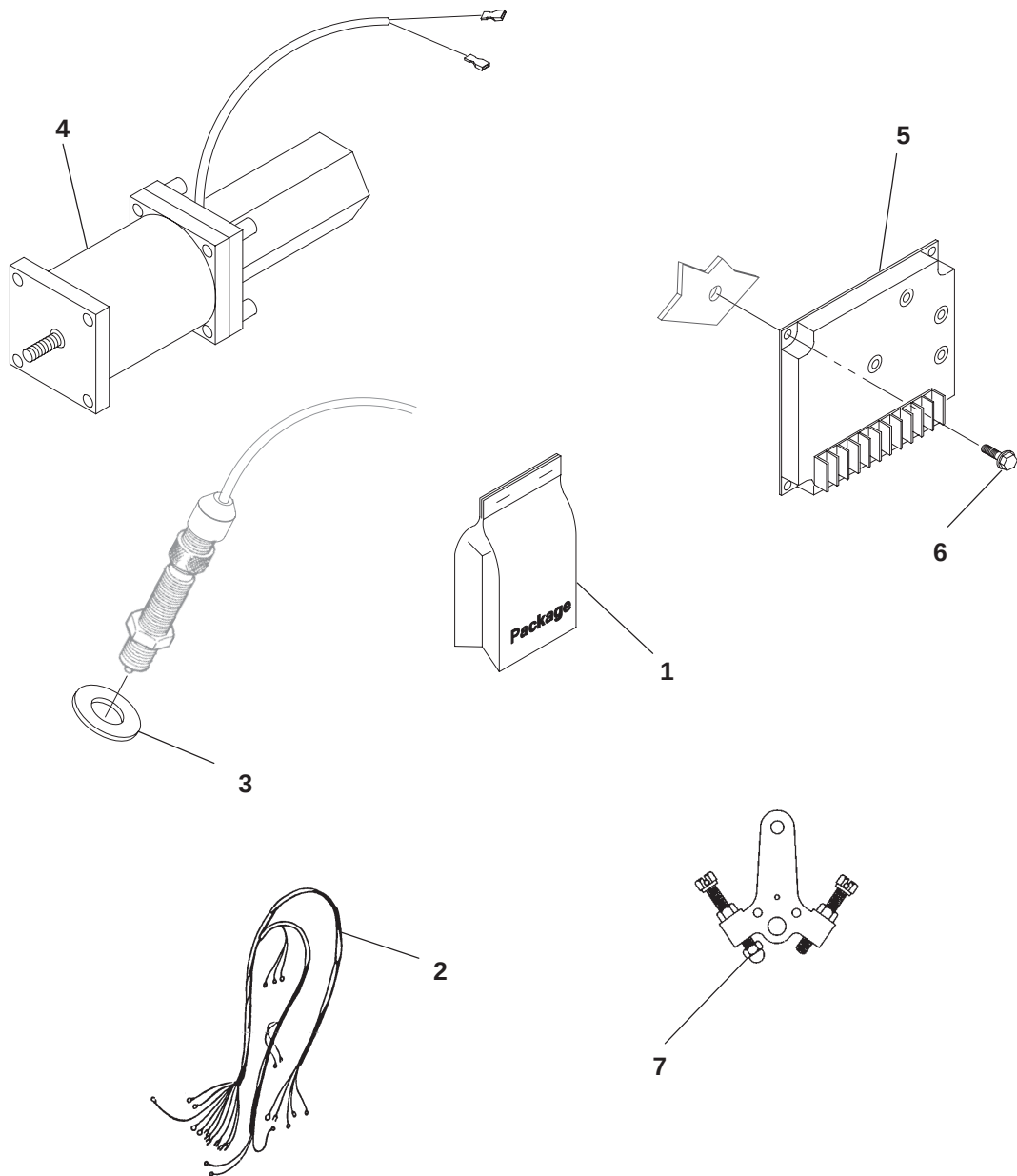
Alternator



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2209	1	Alternator	4	860-2008	1	Nut, Hex (M8)
2	191-1981	1	Fan, Alternator	5	850-2005	2	Washer, Lock (M5)
3	850-2008	1	Washer, Lock (M8)	6	860-2006	2	Nut, Hex (M5)

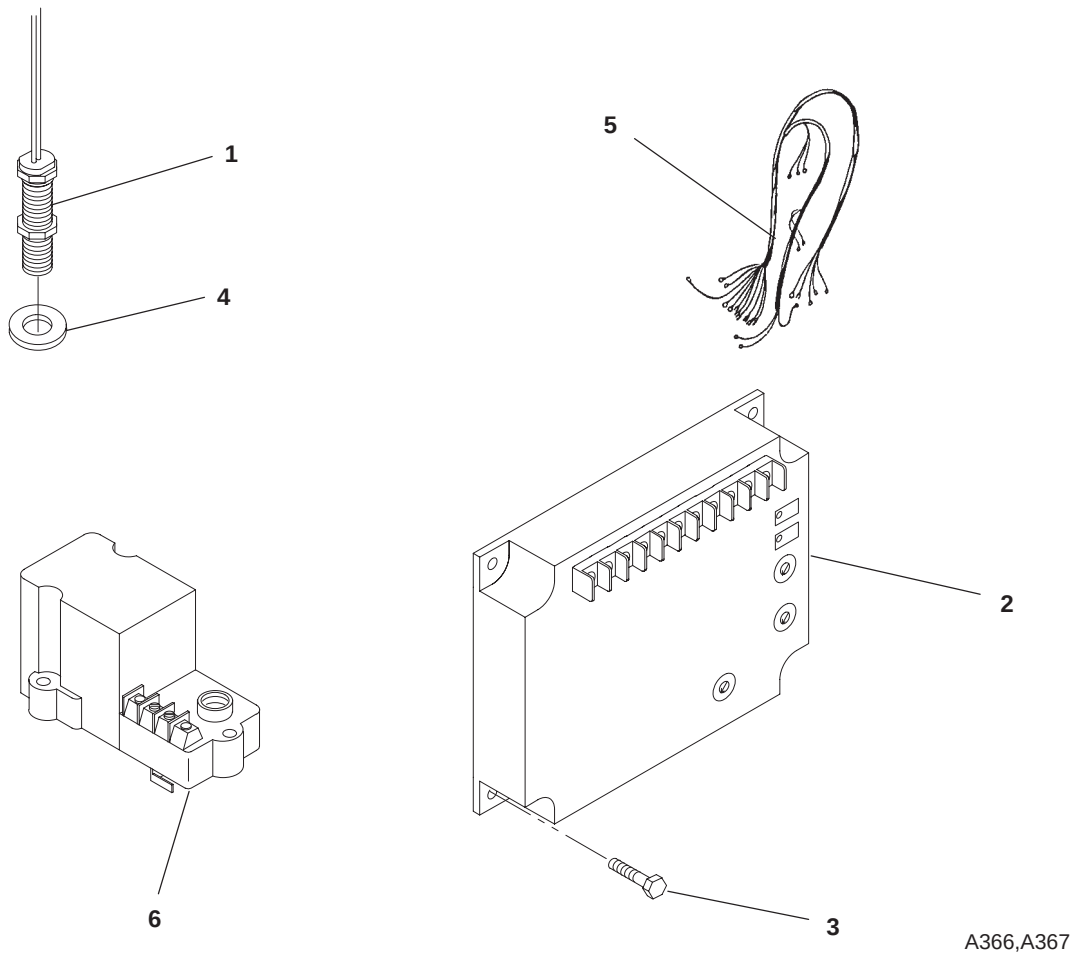
Electronic Governor DGDA Spec L, DGDB Spec L



A367

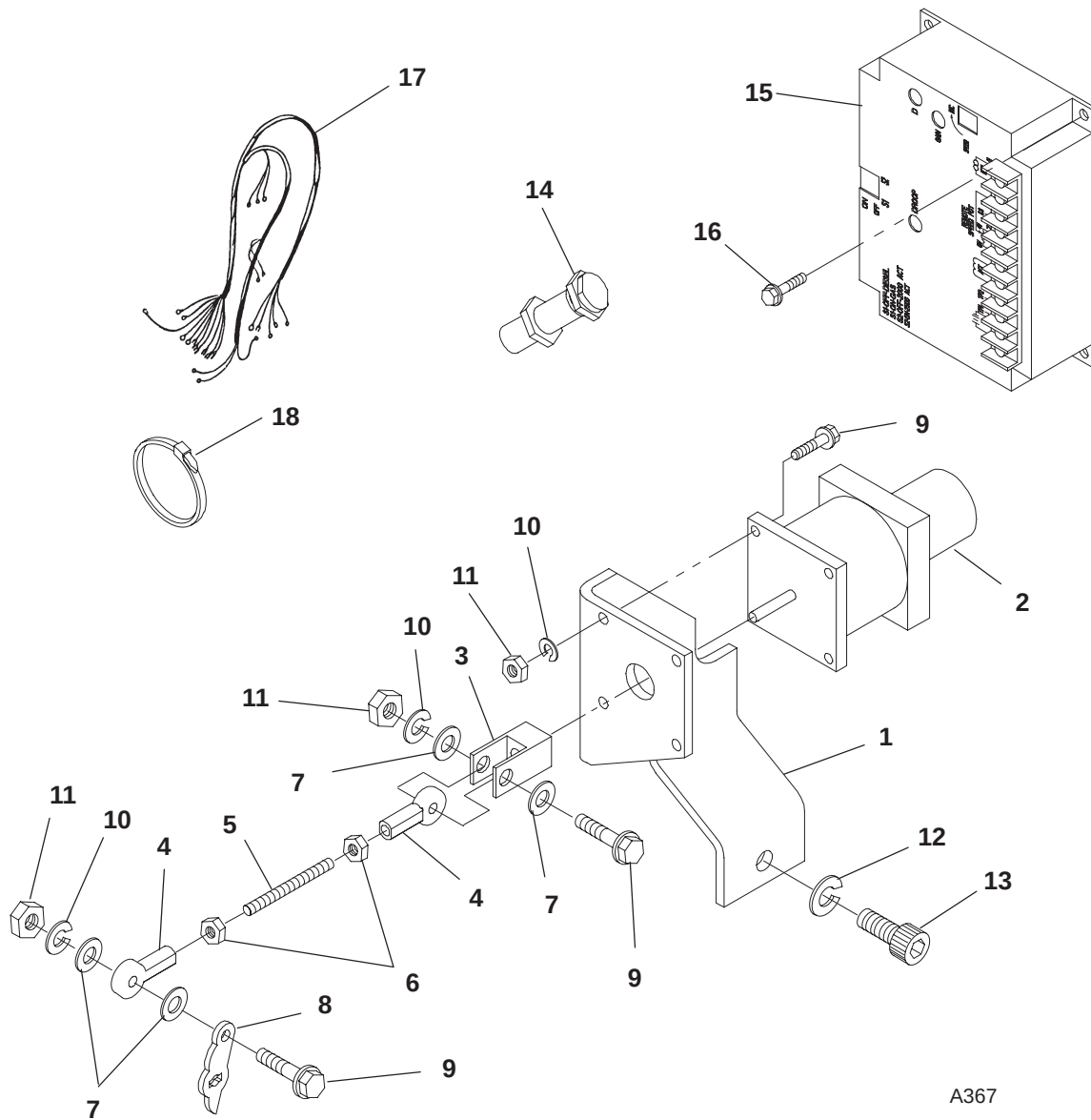
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2578	1	Package, Mounting – Actuator to Injection Pump (Includes Actuator Mounting Bracket, Actuator Shaft Clevis, Clevis Jam Nut, Male and Female Rod End Bearings, Magnetic Pickup, Wire Lugs, Mounting Hardware and Instruction Bulletin)	2	338-3571	1	Harness, Electric Governor
				3	526-0027	1	Washer, Flat (13/16")
				4	150-2331-00	1	Actuator, Governor
				5	151-0715-01	1	Control, Governor
				6	821-6001-01	4	Screw, Hex Head (M5 x 10)
				7	866-0014	1	Nut, Acorn (#10-32)

Electronic Governor DGDA Spec M, DGDB Spec M



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2201	1	Sensor, Speed – Magnetic	4	526-0027	1	Washer, Flat (13/16)
2	151-0754-02	1	Control, Governor (12V)	5	338-3472	1	Harness, Wiring
	151-0731-01	1	Without Droop Capability	6	150-2735-01	1	Actuator, Rotary (12V) (Also
			With Droop Capability				Shown in External Engine
3	821-6001-01	4	Screw, Hex Head				Group)
			(M5 x 0.8 x 10)				

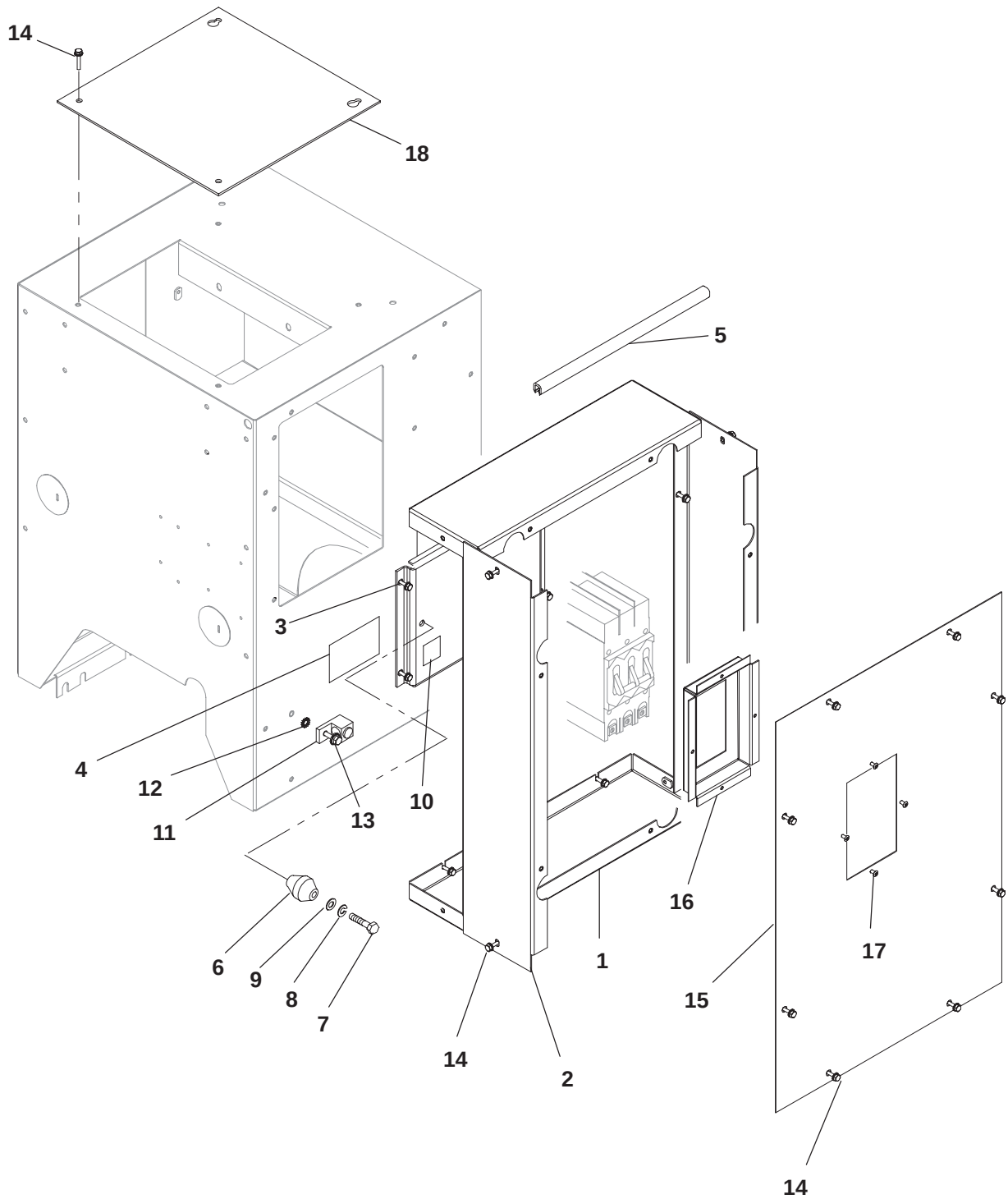
Electronic Governor DGEA, DGFA, DGFB, DGFC



A367

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2679	1	Bracket, Governor	13	802-2507	2	Screw, Cap – Socket Head (M10 x 1.5 x 25)
2	151-0708-01	1	Actuator, Governor	14	150-2201	1	Pickup, Magnetic
3	150-2682	1	Clevis, Governor	15	151-0715-01	1	Control, Governor (12VDC) With Droop Capability
4	150-2120	2	End, Rod		151-0709-01	1	Without Droop Capability – Begin DGEA, FA, FB Spec L, DGFC Spec B
5	520-1007	1	Stud				
	520-0939	1	DGEA				
6	868-0001	2	Nut, Hex (1/4-28)	16	821-6001-02	4	Screw, SEMS (M5 x .8 x 12)
7	526-0018	4	Washer, Flat (1/4)	17	338-3568	1	Harness, Governor With Droop Capability
8	150-2681	1	Lever, Stop – Governor		338-3611	1	Without Droop Capability – Begin DGEA, FA, FB Spec L, DGFC Spec B
9	800-0007	6	Screw, Cap – Hex Head (1/4-20 x 1)	18	332-0941	6	Tie, Cable
10	850-0040	6	Washer, Lock (1/4)				
11	862-0001	6	Nut, Hex (1/4-20)				
12	850-2010	2	Washer, Lock – Spring (M10)				

Circuit Breaker Box **10 – 630 Amp**

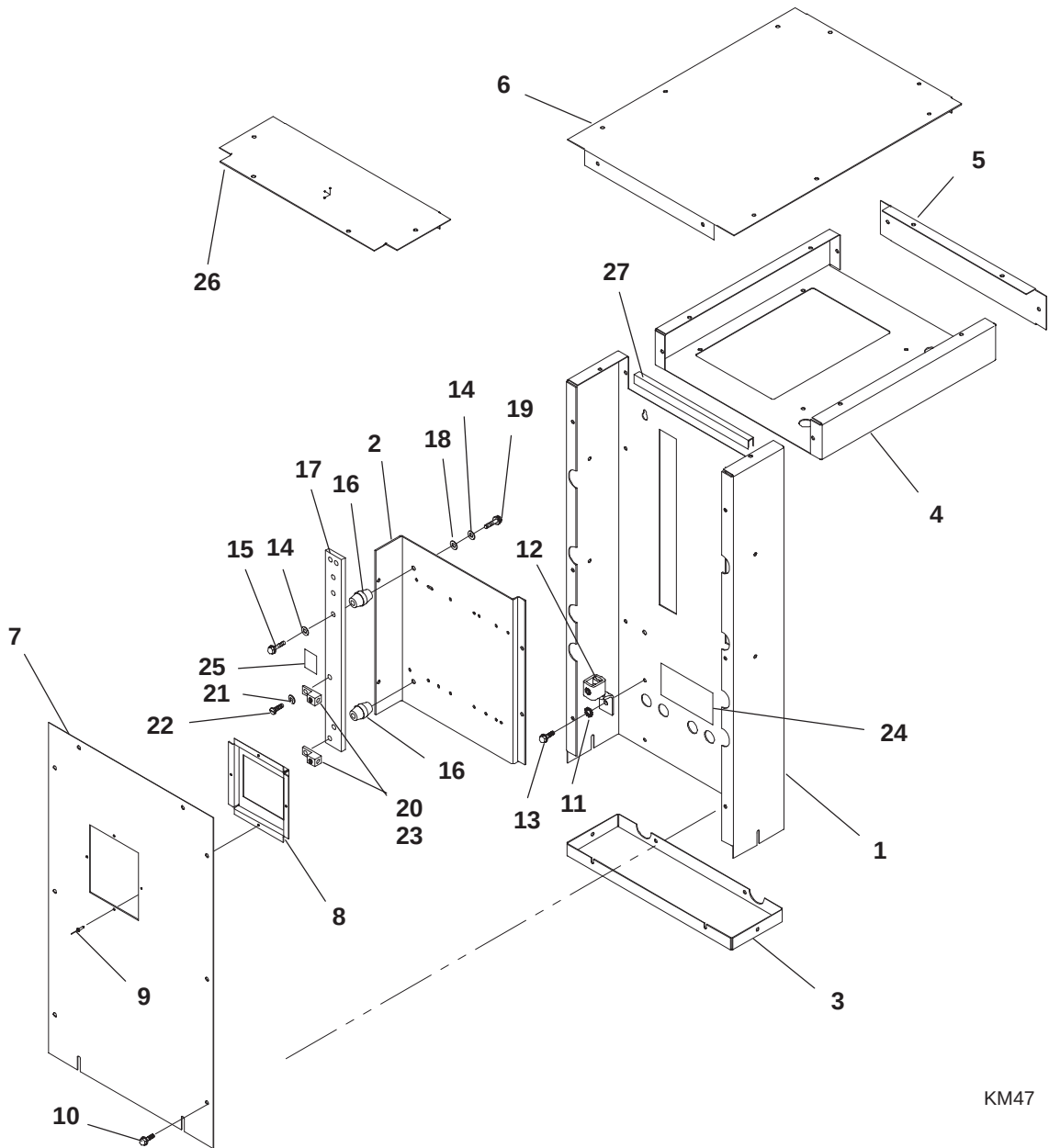


Circuit Breaker Box 10 – 630 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3072	2	Panel, End – CB Box	16			Cutout, CB Box
2	319-2978	2	Panel, Side – CB Box				UL
3			Bracket, Mounting – CB	319-3150	1		600 Volt, 300–630 Amp, 3 Pole
	319-3149	1	600 Volt Breaker	319-3240	1		240 Volt, 300–400 Amp, 2/3 Pole
	319-3243	1	240 Volt Breaker	319-3241	1		600 Volt, 10–100 Amp, 3 Pole
4	098-2304	1	Label, Warning	319-3242	1		240 Volt, 100–250 Amp, 2/3 Pole
5	508-0239	–	Edging – Bulk (Order By The Foot – 2 Feet Required)	319-3304	1		600 Volt, 125–600 Amp, 3 Pole
6	332-2744-07	1	*Standoff, Insulator				IEC
7	800-0048	2	*Screw, Cap – Hex Head (3/8–16 x .75)	319-3150	1		750 Volt, 300–630 Amp, 3/4 Pole
8	850-0050	2	*Washer, Lock (3/8)	319-3241	1		660 Volt, 10–100 Amp, 3 Pole
9	526-0029	1	*Washer, Flat (3/8)	319-3242	1		750 Volt, 70–250 Amp, 3/4 Pole
10	098-5854-04	1	*Label, Bus – Warning	319-3304	1		660 Volt, 125–600 Amp, 3 Pole
11	332-1473	1	Lug, Solderless				
12	856-0008	1	Washer, Lock – EIT (5/16)	17	818-0231-02	4	Rivet, Pop
13	821-6003-02	1	Screw, SEMS – Hex Head (M8 x 1.25 x 20)	18	319-2996	1	Cover, Housing – Control
14	821-6002-03	24	Screw, SEMS – Hex Head (M6 x 1 x 16)				
15	319-3151	1	Cover, CB Box				

* = UL Rated Breakers only.

Circuit Breaker Box 700 – 1000 Amp



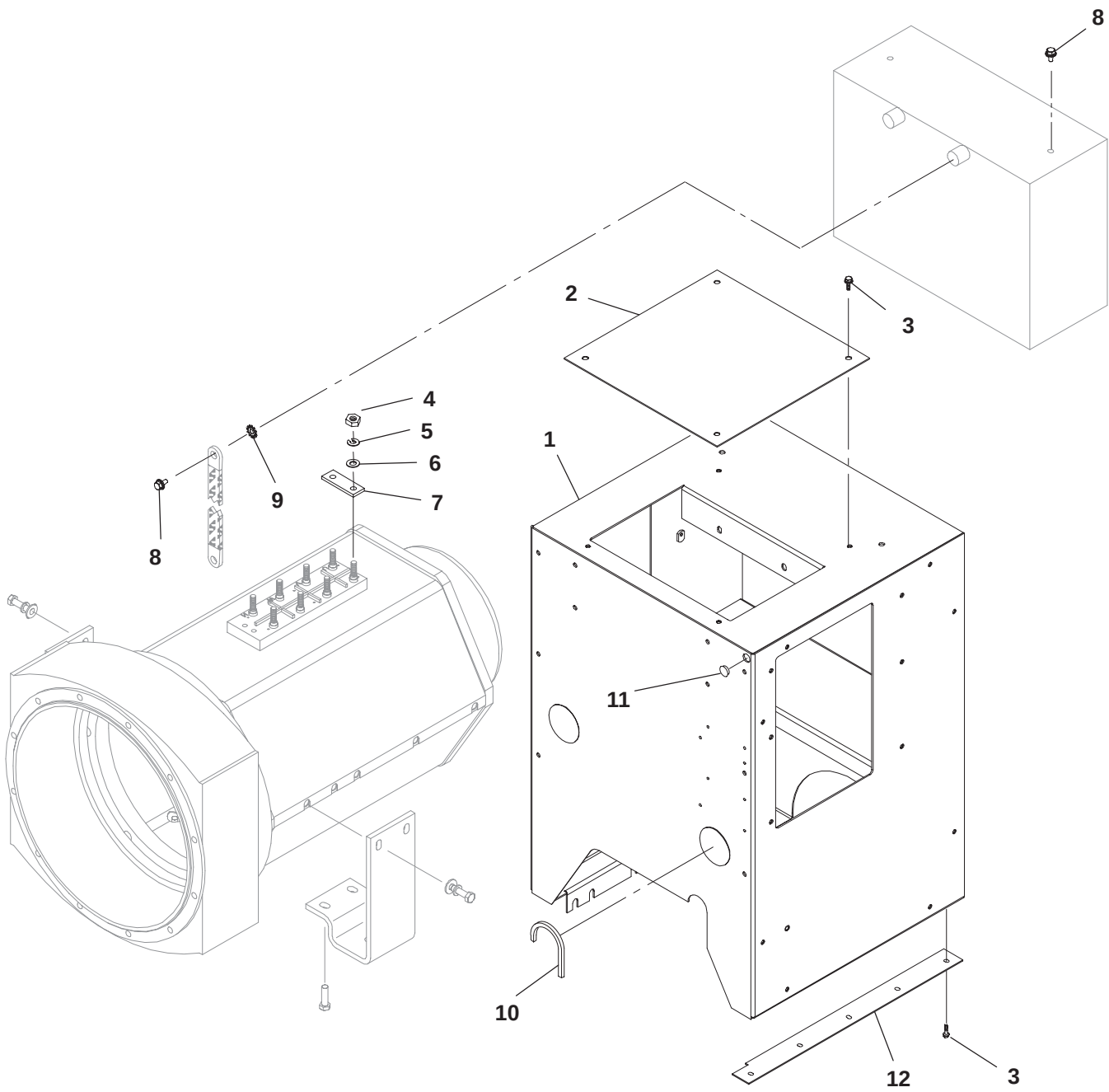
KM47

Circuit Breaker Box 700 – 1000 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3136	1	Box, Circuit Breaker	17	337-2974	1	*Bar, Neutral
2	319-3135	1	Bracket, Mounting – CB	18	526-0113	2	*Washer, Flat (5/16)
3	319-3072	1	Panel, End – CB Box	19	800-0029	2	*Screw, Cap – Hex Head (5/16-18 x 1-1/8)
4	319-3236	1	Box, Output	20	332-2660	2	*Lug, Solderless
5	319-3237	1	End, Box – Output (Units with Single Breaker Only)	21	850-0039	4	*Washer, Lock (1/4)
6	319-3238	1	Cover, Box – Output	22	822-0085	2	*Screw, Pan Head (1/4-20 x 5/8)
7	319-3137	1	Cover, Box – CB	23	822-0091	2	*Screw, Pan Head (1/4-20 x 1-1/2)
8	319-3134	1	Cutout, Box – CB	24	098-2304	1	*Label, Warning
9	818-0231-02	4	Rivet, Pop	25	098-5854-04	1	*Label, Bus – Warning
10	821-6002-03	46	Screw, SEMS – Hex Head (M6 x 1 x 16)	26	319-3239	1	Cover, Output Box (Units with Dual Breakers Only)
11	856-0008	1	Washer, Lock – EIT (5/16)	27	508-0305-02	–	Edging – Bulk (Order By The Foot – 4 Feet Required)
12	332-2001	1	Lug, Solderless				
13	821-6003-02	1	Screw, SEMS – Hex Head (M8 x 1.25 x 20)				
14	850-0045	4	*Washer, Lock (5/16)				
15	800-0025	2	*Screw, Cap – Hex Head (5/16-18 x 5/8)				
16	332-2305	2	*Standoff, Insulator				

* = Used with 3 pole breaker only.

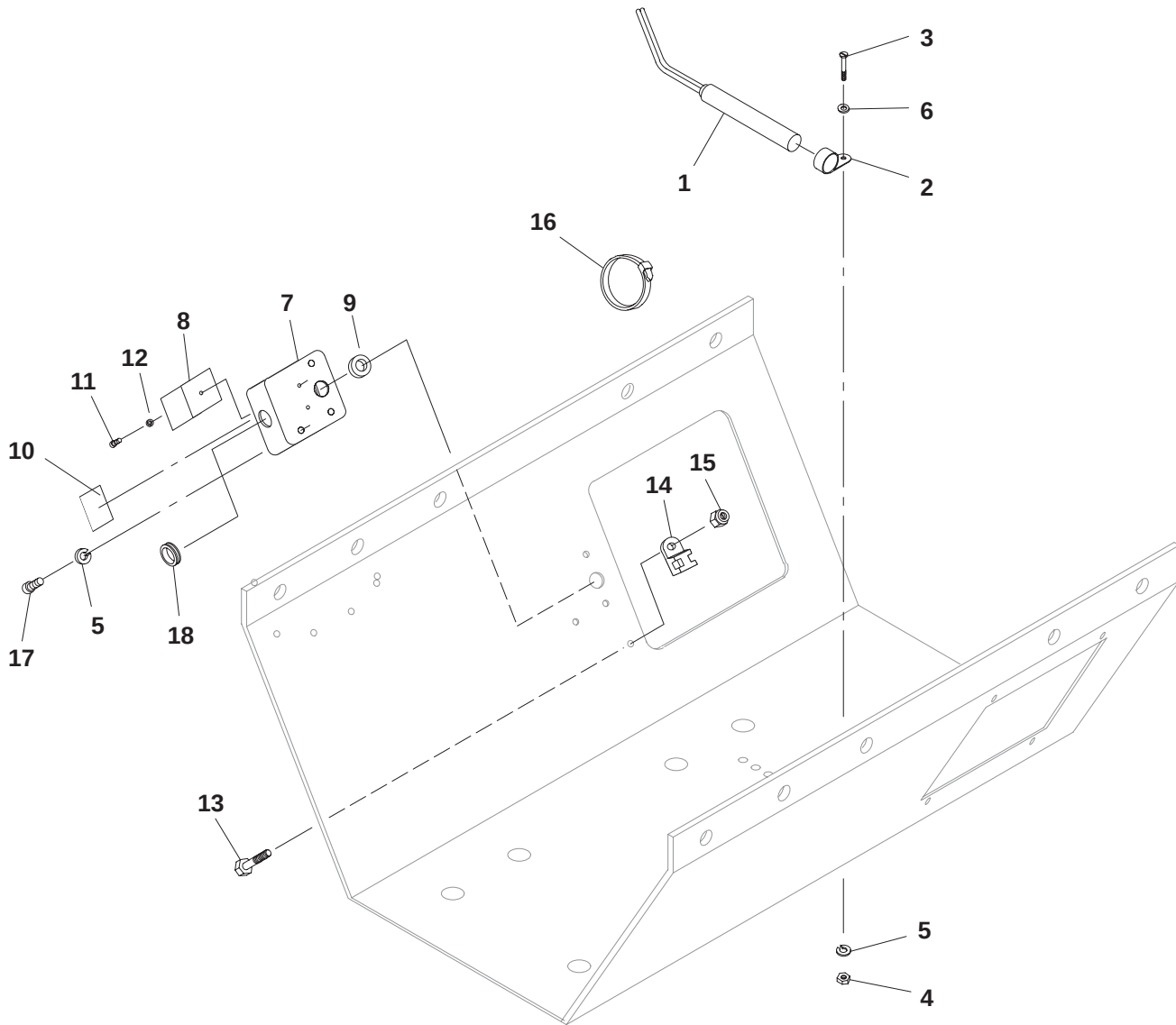
Control Housing



Control Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3208	1	Panel, Housing – Control Sets With UCD22 Generator	5	850-2010	8	Washer, Lock (M10)
	319-2967	1	Sets With UC27 Generator	6	526-2120	8	Washer, Flat (M10)
2	319-2996	3	Cover, Housing – Control Generator Sets Without Circuit Breaker or Entrance Box	7	332-2987	4	Link, Terminal
	319-2996	2	Generator Sets With Circuit Breaker or Entrance Box	8			Screw, Locking – Hex Head (5/16–18 x .50)
	319-2996	1	Generator Sets With Two Circuit Breakers		821-0014	4	Sets With UC27 Generator
3	821-6002-03	4	Screw, Hex Head (M6 x 16) Sets With UC27 Generator		821-5003-01	4	Sets With UCD22 Generator
	821-6002-03	9	Sets With UCD22 Generator	9	856-0008	1	Washer, Lock – ET (5/16)
4	860-2009	8	Nut, Hex (M10 x 1.5)	10	508-0305-02	–	Edging – Bulk (Order By The Foot – 1 Foot Required)
				11	517-0135	1	Plug, Hole
				12	319-3207	1	Bracket, Control Mounting – Sets With UCD22 Generator

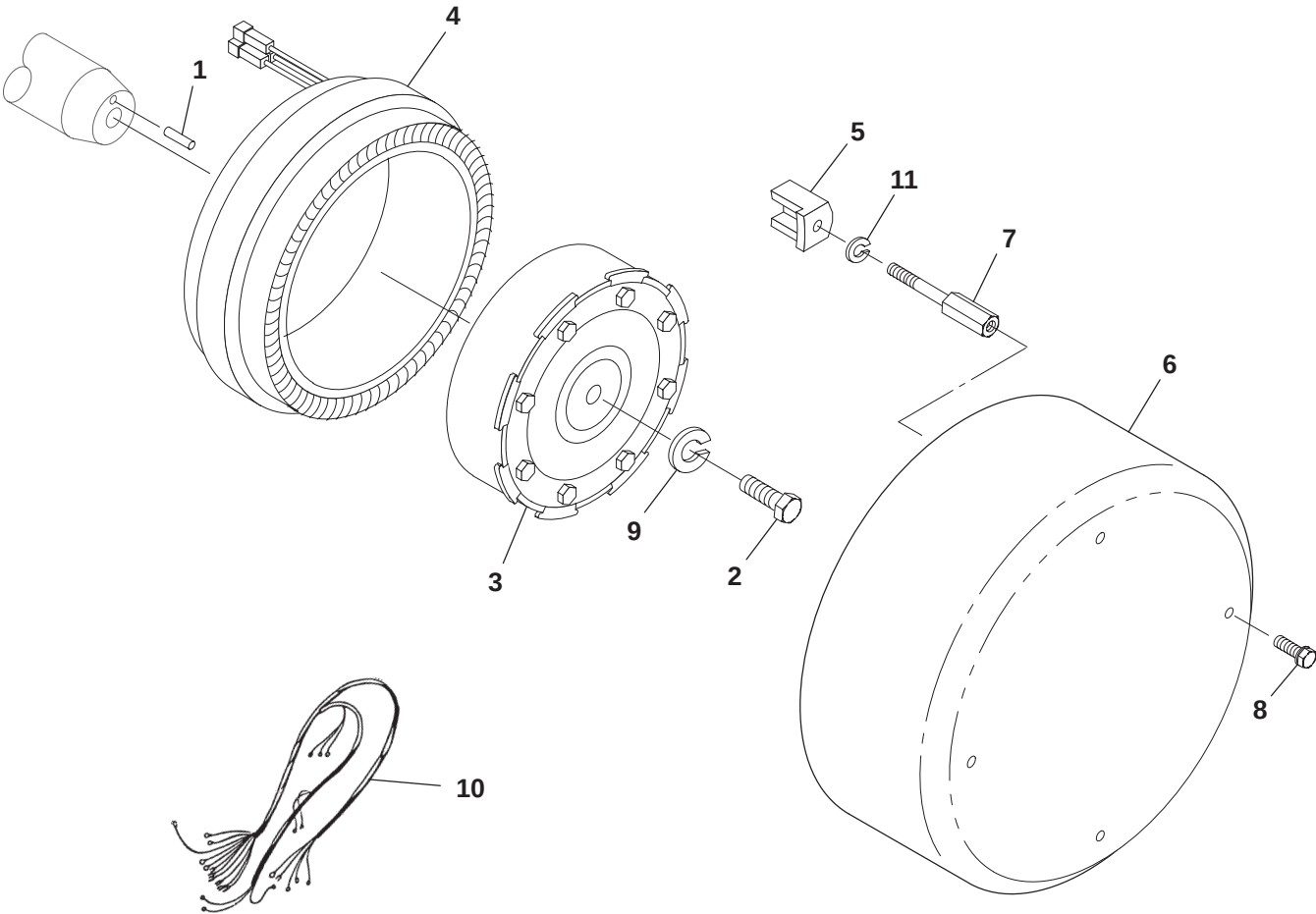
Generator Heater



A292,A293

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cartridge, Heater	10	098-7281	1	Label, Warning – Heater
	333-0438-07	1	110-125 Volt	11	822-3047	1	Screw, Pan Head (M3 x 20)
	333-0438-08	1	220-260 Volt	12	850-2003	1	Washer, Lock (M3)
2	332-3024-11	2	Clamp, Loop	13	800-3034	1	Screw, Cap – Hex Head (M4 x .7 x 12)
3	822-3075	6	Screw, Pan Head (M4 x 16)	14	332-3228	1	Mount, Tie – Cable
4	860-2005	2	Nut, Hex (M4)	15	870-2064-01	1	Nut, Nylon
5	850-2004	4	Washer, Lock (M4)	16	332-1389	1	Tie, Cable
6	526-2050	2	Washer, Flat (M4)	17	815-0792-04	2	Screw, Countersunk – Pan Head (M4 x .7 x 12)
7	330-0142	1	Box, Terminal – Heater	18	517-0021	1	Plug, Dot – Button
8	332-3023	1	Block, Terminal				
9	508-0228	1	Grommet				

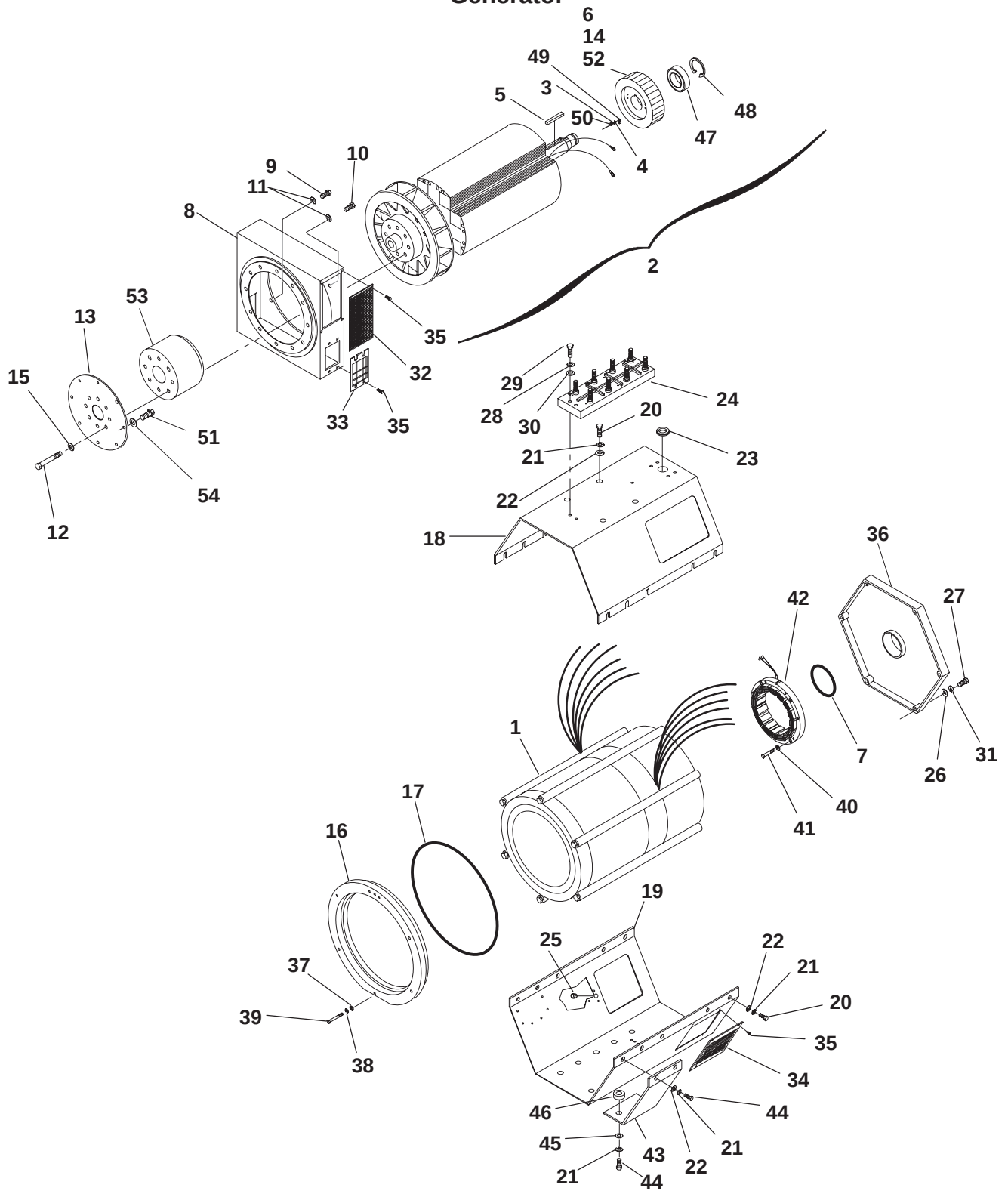
Permanent Magnet Generator



B184

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	775-0049	1	Pin, Parallel	7	232-3462-03	4	Spacer, Cover
2	815-0761-01	1	Bolt, Mounting - PMG	8	821-6001-01	4	Screw, Hex Head (M5 x 10)
3	201-3446	1	Rotor, PMG	9	850-2010	1	Washer, Lock (M10)
4	220-4233	1	Stator, PMG	10	338-3011	1	Harness, PMG
5	232-3972	4	Clamp, Stator	11	850-2006	4	Washer, Lock (M6)
6	234-0875-02	1	Cover, End Bell				

Generator

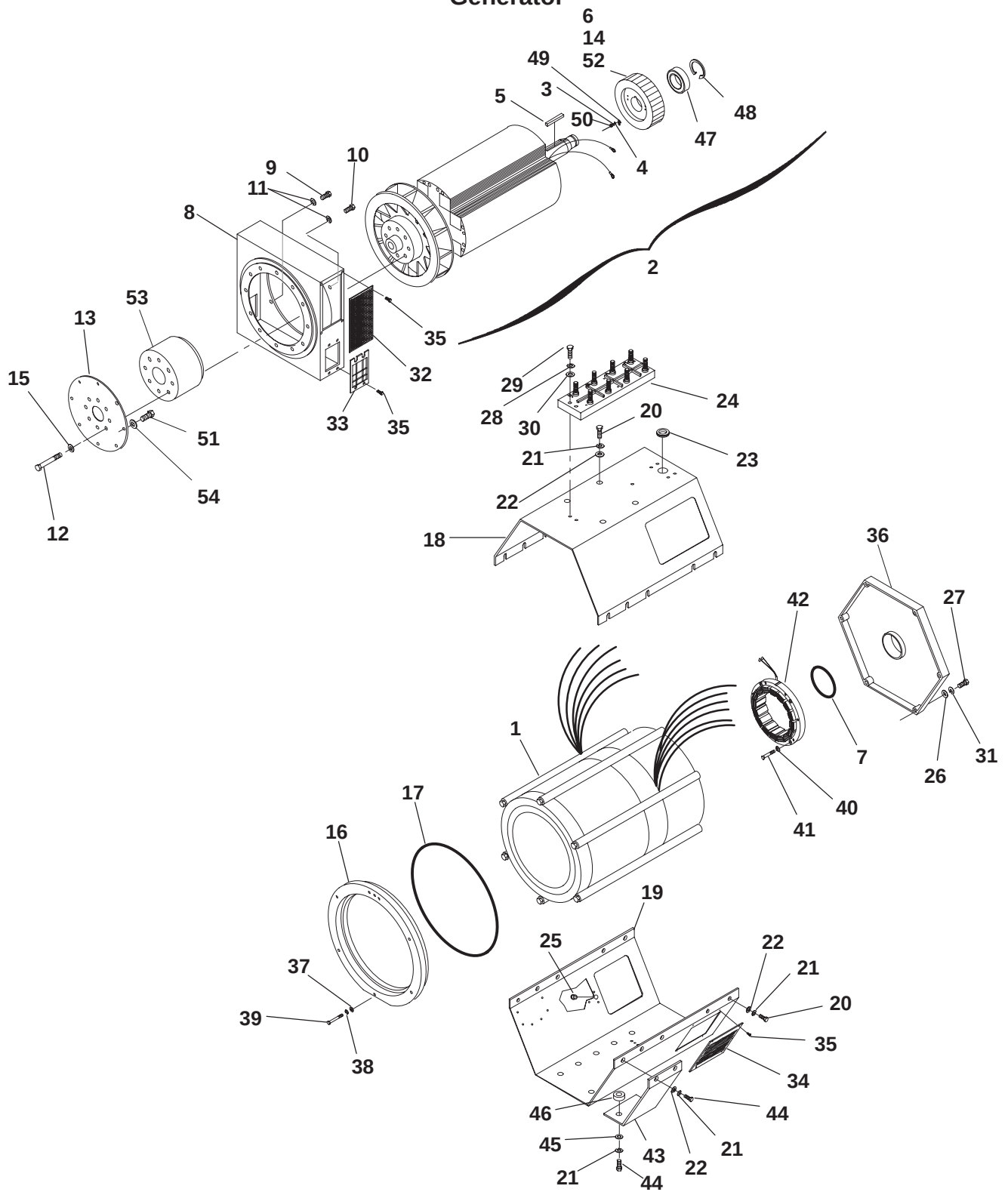


Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stator				60 Hz, 12 Lead, Upper Broad Range Reconnectible, 125C
			60 Hz, 12 Lead, Upper Broad Range Reconnectible, 150C	220-4448-20	1		DGDA
	220-4447-15	1	DGDA	220-4448-15	1		DGDB
	220-4448-14	1	DGDB	220-4448-16	1		DGEA
	220-4448-15	1	DGEA	220-4448-17	1		DGFA
	220-4448-16	1	DGFA	220-4448-18	1		DGFB
	220-4448-18	1	DGFB, DGFC	220-4448-39	1		DGFC
			60 Hz, 3 Phase, 347/600 Volt, 150C				60 Hz, 12 Lead, Broad Range Reconnectible, Full 1 Phase, 105C
	220-4447-30	1	DGDA	220-4448-15	1		DGDA
	220-4448-31	1	DGDB	220-4448-17	1		DGDB
	220-4448-33	1	DGEA, DGFA	220-4448-18	1		DGEA
	220-4448-35	1	DGFB				60 Hz, 4 Lead, 1 Phase, 105C
	220-4448-36	1	DGFC	220-4448-08	1		DGDA
			60 Hz, 12 Lead, Lower Broad Range Reconnectible, 150C	220-4448-10	1		DGDB
	220-4447-20	1	DGDA	220-4448-11	1		DGEA
	220-4448-19	1	DGDB	220-4448-38	1		DGFA
	220-4448-21	1	DGEA				60 Hz, 3 Phase, 347/600 Volt, 105C
	220-4448-23	1	DGFA	220-4448-31	1		DGDA
	220-4448-24	1	DGFB, DGFC	220-4448-32	1		DGDB
			60 Hz, 12 Lead, Upper Broad Range Reconnectible, 125C	220-4448-33	1		DGEA
	220-4448-13	1	DGDA	220-4448-34	1		DGFA
	220-4448-14	1	DGDB	220-4448-36	1		DGFB
	220-4448-15	1	DGEA	220-4448-42	1		DGFC
	220-4448-17	1	DGFA				60 Hz, 12 Lead, Lower Broad Range Reconnectible, 105C
	220-4448-18	1	DGFB	220-4448-19	1		DGDA
	220-4448-39	1	DGFC	220-4448-21	1		DGDB
			60 Hz, 12 Lead, Broad Range Reconnectible, Full 1 Phase, 125C	220-4448-22	1		DGEA
	220-4447-15	1	DGDA	220-4448-23	1		DGFA
	220-4448-16	1	DGDB	220-4448-24	1		DGFB
	220-4448-18	1	DGEA				50 Hz, 12 Lead, Broad Range Reconnectible, 150C
	220-4448-39	1	DGFA	220-4448-13	1		DGDA
			60 Hz, 4 Lead, 1 Phase, 125C	220-4448-14	1		DGDB
	220-4448-07	1	DGDA	220-4448-16	1		DGEA
	220-4448-09	1	DGDB	220-4448-17	1		DGFA
	220-4448-10	1	DGEA	220-4448-18	1		DGFB
	220-4448-11	1	DGFA	220-4448-39	1		DGFC
	220-4448-38	1	DGFB				50 Hz, 12 Lead, Upper Broad Range Reconnectible, 125C
			60 Hz, 3 Phase, 347/600 Volt, 125C	220-4448-13	1		DGDA
	220-4447-30	1	DGDA	220-4448-14	1		DGDB
	220-4448-32	1	DGDB	220-4448-16	1		DGEA
	220-4448-33	1	DGEA	220-4448-17	1		DGFA
	220-4448-34	1	DGFA	220-4448-18	1		DGFB
	220-4448-35	1	DGFB	220-4448-39	1		DGFC
	220-4448-36	1	DGFC				50 Hz, 12 Lead, Broad Range Reconnectible, Full 1 Phase, 125C
			60 Hz, 12 Lead, Lower Broad Range Reconnectible, 125C	220-4447-14	1		DGDA
	220-4447-20	1	DGDA	220-4448-15	1		DGDB
	220-4448-20	1	DGDB	220-4448-18	1		DGEA
	220-4448-21	1	DGEA	220-4448-39	1		DGFA
	220-4448-23	1	DGFA				
	220-4448-24	1	DGFB				
	220-4448-40	1	DGFC				

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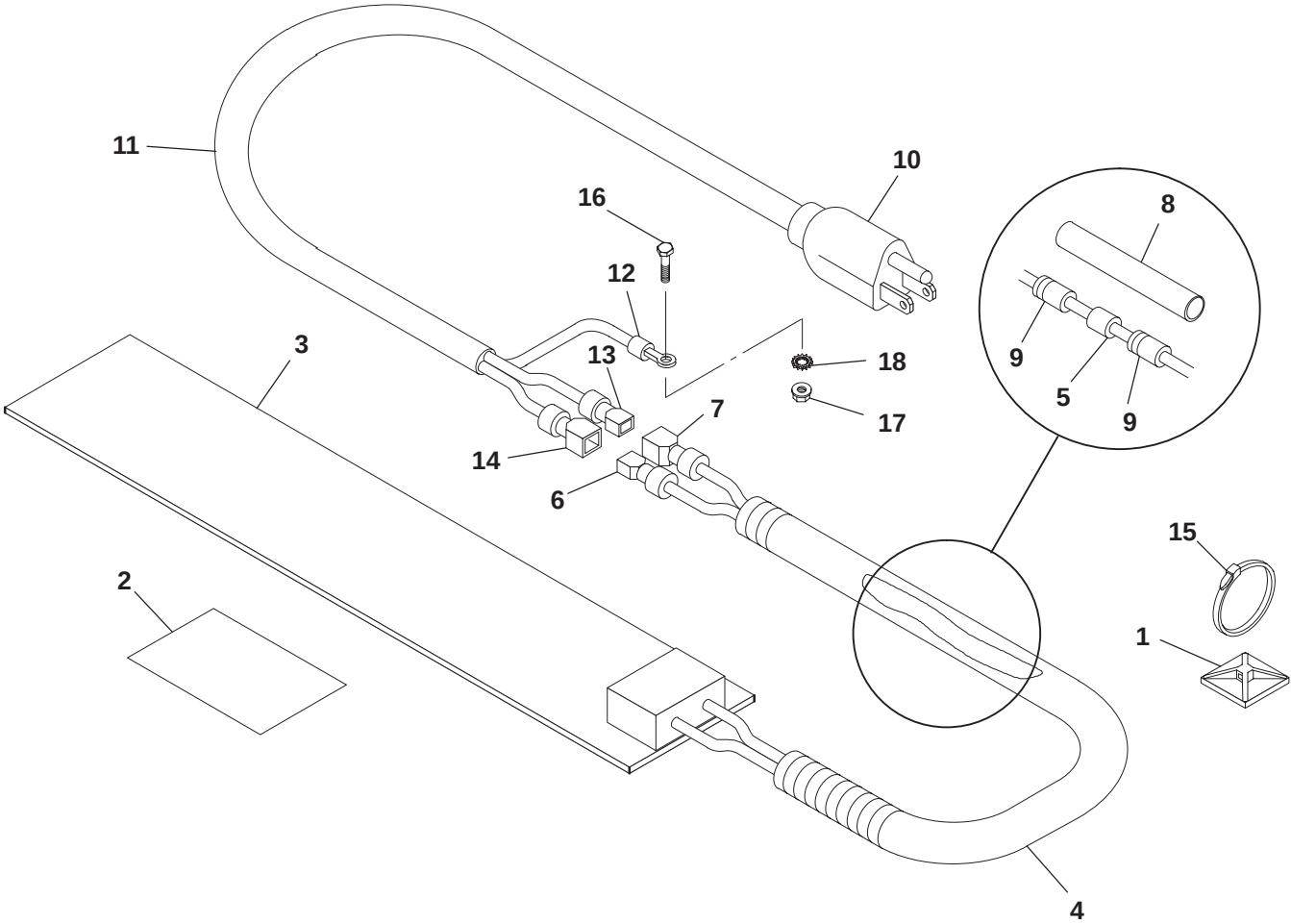
Generator



Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...							
1			Stator (continued)	19			Cover, Stator – Bottom
			50 Hz, 12 Lead, Broad	232-3819-03	1		UCD22
			Range Reconnectible, 105C	232-3820-01	1		UC27 Stack Length 165
	220-4448-14	1	DGDA	232-3820-02	1		UC27 Stack Length 190
	220-4448-15	1	DGDB	232-3820-03	1		UC27 Stack Length 230
	220-4448-17	1	DGEA	232-3820-04	1		UC27 Stack Length 285
	220-4448-39	1	DGFA, DGFB	232-3820-05	1		UC27 Stack Length 335
			50 Hz, 12 Lead, Broad Range	232-3820-05	1		UCD27
			Reconnectible, Full 1 Phase,	20	800-3017-54	10	Screw, Cap – Hex Head
			105C				(M12 x 30)
	220-4447-15	1	DGDA	21	850-0114-56	10	Washer, Lock (M12)
	220-4448-16	1	DGDB	22	526-0399-64	10	Washer, Flat (M12)
	220-4448-18	1	DGEA	23	508-1057	1	Grommet
2			Rotor, Wound	24	232-3421	1	Block, Terminal
	201-3474-05	1	UCD22	25	517-0135	1	Plug, Hole
	201-3497-01	1	UC27 Core Length 165	26	526-0423	6	Washer (M10)
	201-3497-02	1	UC27 Core Length 190	27	800-3017-38	6	Screw, Cap – Hex Head
	201-3497-03	1	UC27 Core Length 230				(M10 x 30)
	201-3497-04	1	UC27 Core Length 285	28	850-2008	3	Washer, Lock (M8)
	201-3497-05	1	UC27 Core Length 335	29	800-2060	3	Screw, Cap – Hex Head
	201-3561-07	1	UCD27				(M8 x 1.25 x .35)
3	850-2005	2	Washer, Lock (M5)	30	526-2100	3	Washer, Flat (M8)
4	526-2060	2	Washer, Flat (M5)	31	850-0114-55	6	Washer, Lock (M10)
5	515-0298-03	1	Key, Exciter	32			Guard, Fan
6			Rotor, Wound – Exciter		234-0980	2	UCD22
	201-3434-02	1	UCD22		234-0867	2	UC27
	201-3434-03	1	UC27, UCD27		234-0983	2	UCD27
7	509-0266-02	1	O-Ring	33			Cover, Adapter
8			Adapter, Generator		234-0981	2	UCD22
	231-0370	1	UCD22		234-0984	2	UCD27
	231-0317	1	UC27 SAE2	34	234-0879	2	Screen, Air Inlet
	231-0325	1	UC27 SAE3	35	821-6001-02	24	Screw, SEMS (M5 x 12)
	231-0373	1	UCD27	36	211-0423	1	Bell, End
9	800-2090	6	Screw, Cap – Hex Head	37	526-0423	6	Washer (M10)
			(M10 x 45)	38	850-0114-55	6	Washer, Lock (M10)
10	800-2088	4	Screw, Cap – Hex Head	39	800-3017-38	6	Screw, Cap – Hex Head
			(M10 x 35)				(M10 x 30)
11	850-2010	10	Washer, Lock (M10)	40	850-2006	4	Washer, Lock (M6)
12	720-1123	8	Screw, Cap – Hex Head	41	800-2046	4	Screw, Cap – Hex Head (M6)
			(M16 x 60)	42			Stator, Wound – Exciter
13	232-3699	3	Disc, Drive – Generator		220-4293-05	1	UCD22, UC27 Core Length 40
14	357-0091	1	Rectifier – Forward		220-4293-06	1	UC27, UCD27 Core Length 60
15	526-0259	8	Washer, Flat	43			Bracket, Mounting – Generator
16			Adapter, Stator		232-3940	2	UCD22
	231-0319	1	UC27		232-3925	2	UC27
	231-0374	1	UCD27	44	800-3017-56	8	Screw, Cap – Hex Head (M12)
17	508-0139	A/R	Seal Edging – Bulk	45	526-0399-64	8	Washer, Flat (M12)
			(786mm req.)	46	232-3730-04	4	Spacer, Mounting Foot
18			Cover, Stator – Top	47	510-0164	1	Bearing, Ball
	234-0936-03	1	UCD22	48	518-0083	1	Ring, Split – External
	234-0937-01	1	UC27 Stack Length 165	49	304-0807	1	Varistor
	234-0937-02	1	UC27 Stack Length 190	50	860-2006	2	Nut, Hex (M5 x .8)
	234-0937-03	1	UC27 Stack Length 230	51	805-0015	8	Bolt, Place (3/8-16 x .75)
	234-0937-04	1	UC27 Stack Length 285	52	357-0092	1	Rectifier – Reverse
	234-0937-05	1	UC27 Stack Length 335	53	232-3695	1	Hub, Drive – Generator
	234-0937-05	1	UCD27				(UC27 Generator)
				54	526-0174	8	Washer, Flat (3/8)

Control Heater **Generator Sets With Detector Control**

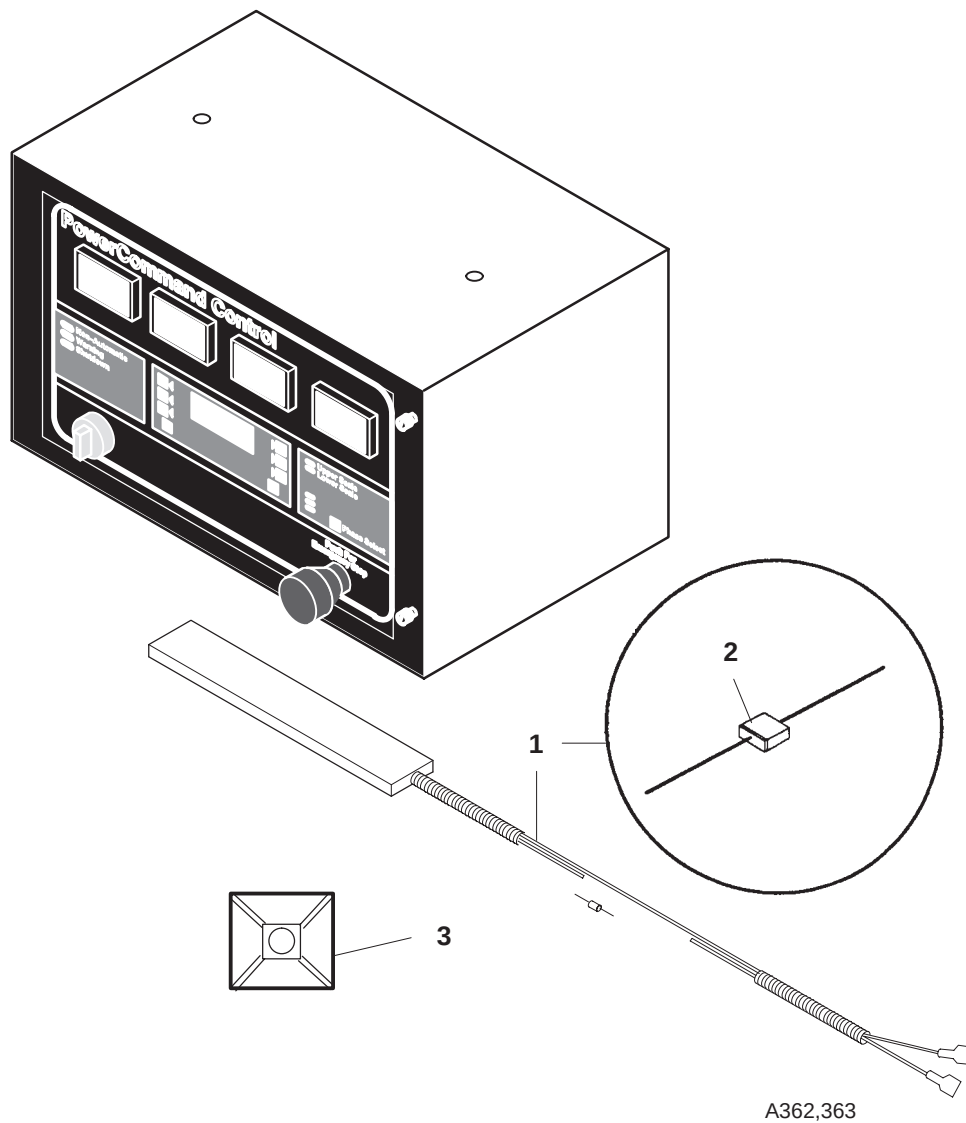


A363,363

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-3338	2	Mount, Tie – Cable	11	335-0110	1	* Cable
2	098-6195	1	Label, Caution	12	332-2697	1	* Terminal, Ring
3			Heater, Control	13	332-1992	1	* Terminal, Receptacle
	333-0550-01	1	120 Volt	14	332-2430	1	* Terminal, Tab
	333-0550-02	1	240 Volt	15	332-0942	3	Tie, Cable
4	898-1195-01	A/R	Sleeving, Convoluted	16	800-0024	1	Screw, Cap – Hex Head (5/16-18 x 3/4)
5	357-0114	1	Rectifier, Power	17	870-0257	1	Nut, Hex – Self-Locking (5/16-18)
6	332-1992	1	Terminal, Receptacle	18	856-0008	2	Washer, Lock – EIT (5/16)
7	332-2430	1	Terminal, Tab				
8	898-0860	A/R	Tubing, Heat Shrink				
9	332-1789	2	Splice, Window (18 Gauge)				
10	335-0173	1	Cable, Heater – Control				
			(Includes Parts Marked *)				

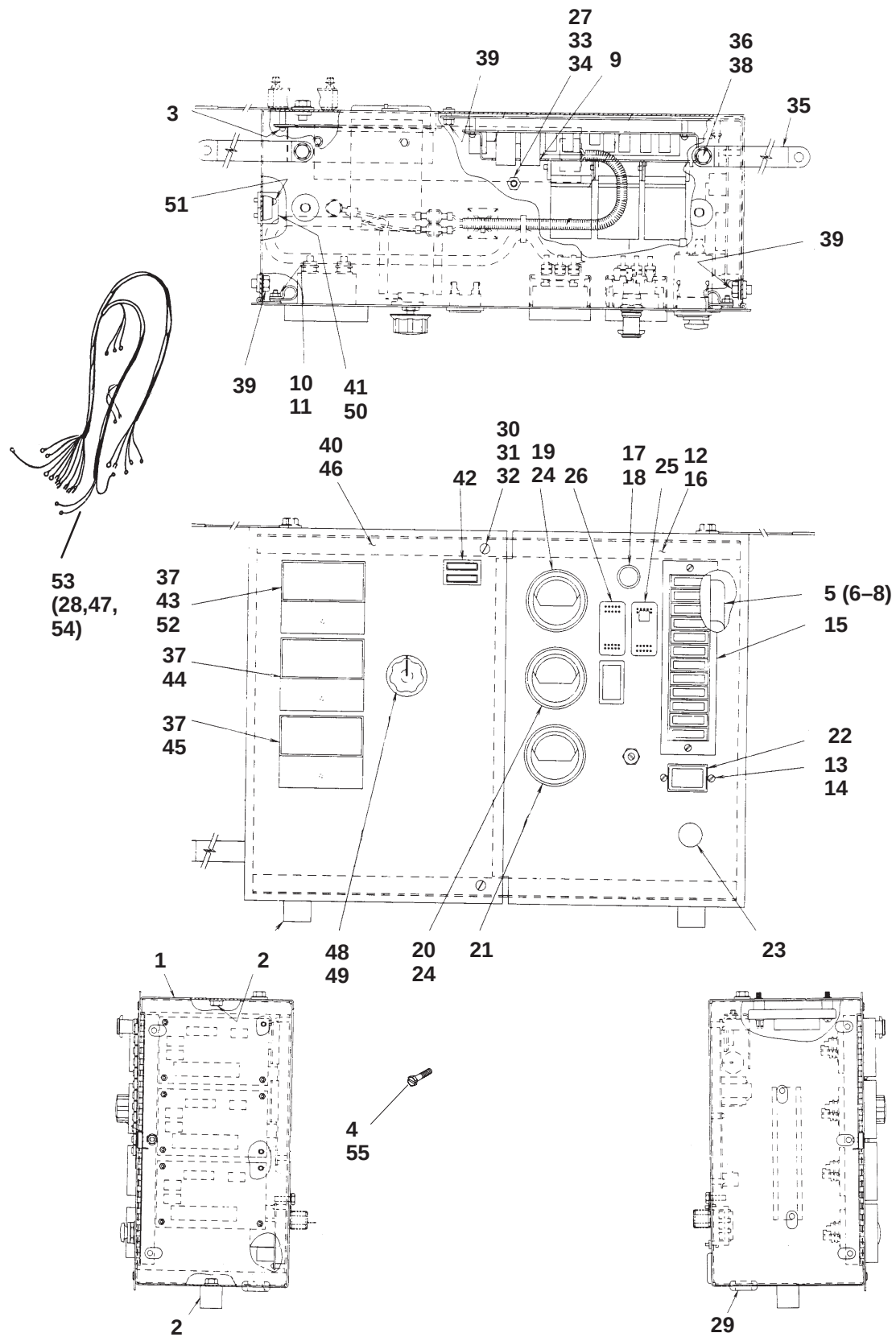
* – Parts Included In 335-0173 Heater Cable

Control Heater Generator Sets With PowerCommand Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater Assembly, Control – 100 Watt (Includes Rectifier)	2	357-0114	1	Rectifier (3 Amp)
	300-4515-01	1	120 Volt	3	332-3338	1	Mount, Cable
	300-4515-02	1	240 Volt				

Detector Control



Detector Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3030	1	Box, Control	28	332-1445	A/R	@ Tie, Cable
2	402-0527	4	Isolator, Vibration	29	508-0051	1	Grommet (2")
3	815-0388	6	Screw, Machine – Round	30	406-0332	2	Receptacle, Fastener
			Head – Cross Recessed –	31	406-0333	2	Stud, Fastener
			Thread Cutting (#6-32 x 1/2)	32	406-0334	2	Washer, Stud Retainer
4	821-5000-05	3	Screw, Hex Head	33	871-0015	1	Nut, Hex (1/4-20)
			(#10-32 x 1/2)	34	526-0018	1	Washer, Flat (1/4)
5			Harness – DC (Includes Parts	35	337-0049	3	Strap, Ground
			Marked *)	36	800-0014	7	Screw, Cap – Hex Head
	338-2277	1	° Old Style				(5/16-18 x 1/2)
	338-3252	1	+ New Style	37	870-1220	6	Nut (#4-40)
6	323-1308	1	*Housing, PCB (12 Pin)	38	856-0008	2	Washer, Lock – EIT (5/16)
7	323-1302	A/R	*Pin, Contact	39	821-0004	3	Screw, Locking Head
8	332-1445	A/R	*Tie, Cable				(#10-32 x 5/16)
9			Board, PC – Engine Monitor	40	301-9054-01	1	Door, Control (LH)
	300-4294	1	7 Light	41	338-2278	1	Harness – AC
	300-4296	1	12 Light	42	322-0363	1	Lamp Assembly
10	332-0052	1	Clip, Wire				(Upper/Lower Scale)
11	870-0131	1	Nut, Hex W/ET (#10-32)	43	302-1148	1	Voltmeter – AC
12	301-9055-01	1	Door, Control (RH)	44			Ammeter – AC
13	815-0385	4	Screw, Machine – Round		302-1685	1	0-200/0-400
			Head (#6-32 x 1/2) (Black		302-1724	1	0-250/0-500
			Zinc)		302-1725	1	0-375/0-750
14	870-0183	4	Nut, Hex – W/ET (#6-32)	45	302-1968	1	Meter, Frequency (45-65 Hz.)
15			Lamp Assembly	46	098-5298	1	Label, Panel – AC (Front)
	322-0359-01	1	7 Light	47	323-1648	A/R	@ Socket, Terminal
	322-0360-01	1	12 Light	48	853-0008	1	Washer, Lock – ET (#10)
16	098-7477	1	Label, Panel – DC (Front)	49	308-1052	1	Switch, Rotary (Volt/Ammeter)
17	322-0361	1	Light, Panel	50	332-2723	1	Strip, Marker
18	322-0004		Lamp, Pilot	51	815-0901-06	2	Screw, Cross Recessed –
19	193-0466	1	Gauge, Oil Pressure				Thread Cutting (#6-32 x 5/8)
20	193-0351	1	Gauge, Water Temperature	52	355-0189	1	Capacitor
21			Voltmeter	53	338-3429	1	Harness, TB21 (Includes
	302-1641	1	8-18 Volt				Parts Marked @)
	302-1642	1	16-36 Volt	54	323-1644-02	1	@ Housing, Cap
22	302-2002	1	Meter, Time Totalizing	55	815-0875-02	3	Screw, Machine – Pan Head
23	517-0131	1	Plug, Hole				(M4 x 0.7 x 8)
24	193-0250	2	Resistor, Gauge				
25			Switch, Rocker (S12)				
	308-0784	1	° Old Style W/O Light				
	308-1010	1	+ New Style W/Light – Sealed				
26			Switch, Rocker (S11)				
	308-0892	1	° Old Style				
	308-1011	1	+ New Style – Sealed				
27	853-0008	4	Washer, Lock – ET (#10)				

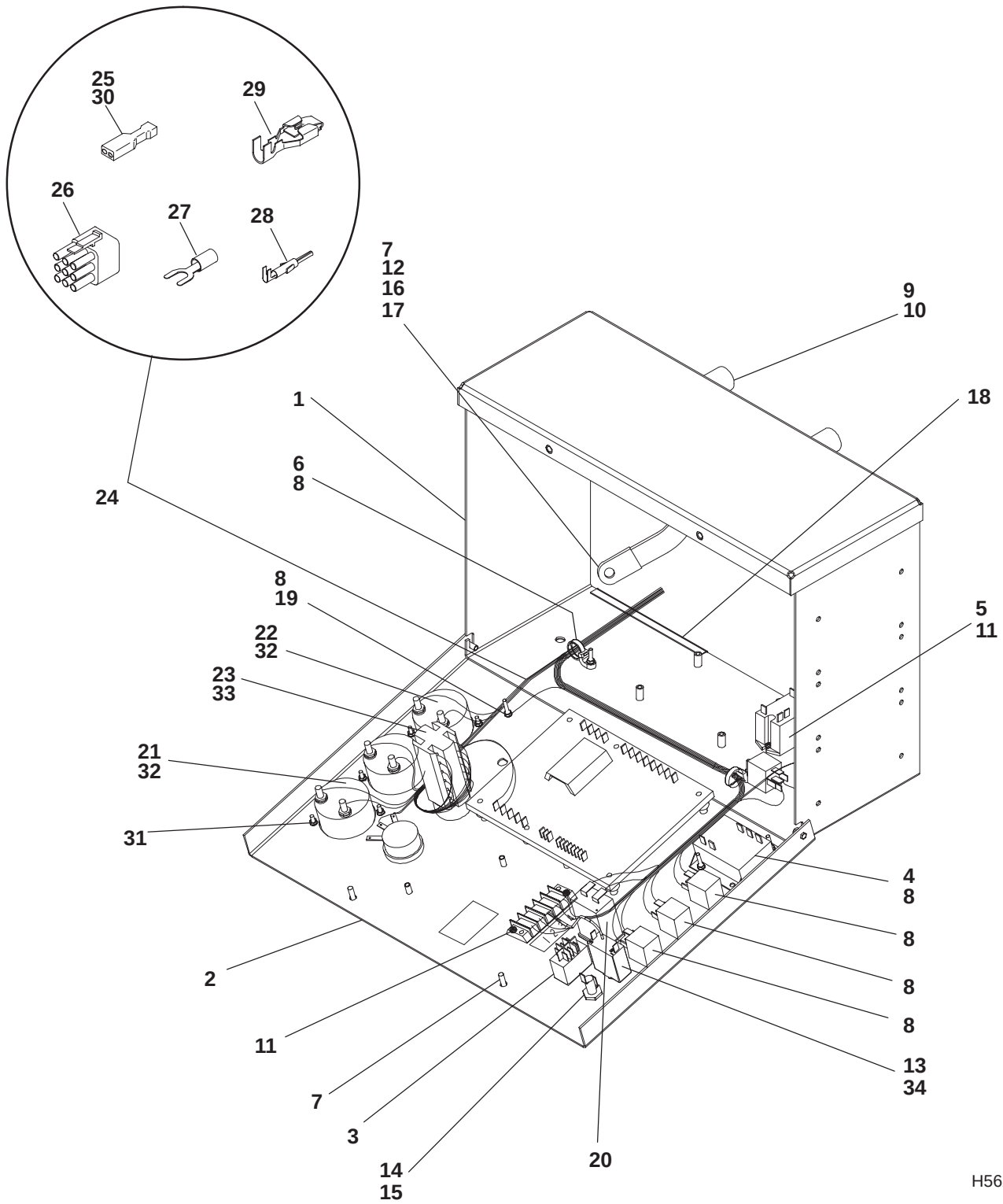
* – Parts Included in 338-3252 & 338-2277 Wiring Harness

@ – Parts Included in 338-3429 Wiring Harness

° – Used Thru End 1994

+ – Used Begin Approx. End 1994

Sentinel Control



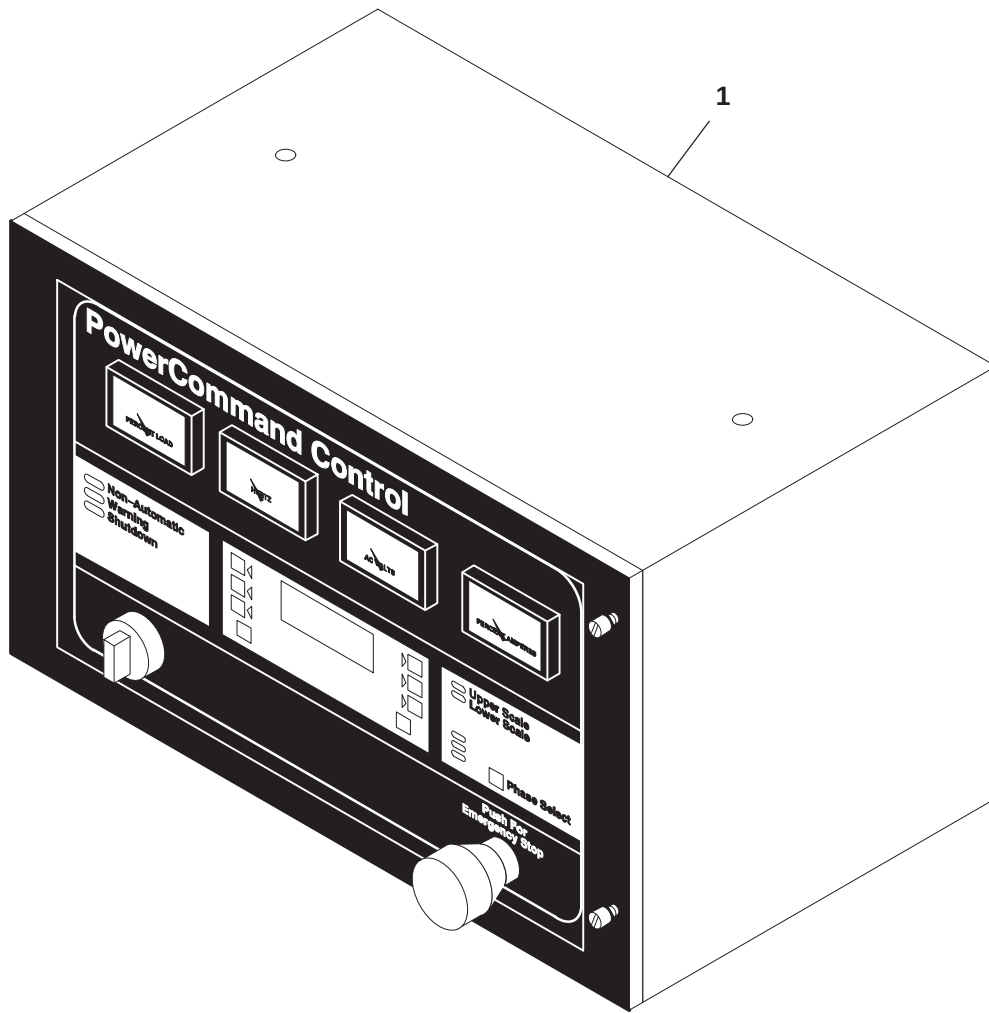
H562

Sentinel Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2991	1	Wrapper, Control	22	302-1968	1	Meter, Hz/RPM
2	319-2989	1	Panel, Control	23	308-1052	1	Switch, Rotary (Volt & Ammeter)
3	308-1011	1	Switch, Rocker	24	338-3391	1	Harness, Wiring – Meters (Includes Parts Marked *)
4	307-2871	1	Relay, Timer	25	332-1992	2	* Socket, Contact – Fits Tabs .032 x .250
5	307-2677-03	1	Relay (20 Amp, 250 VAC)	26	323-1644-02	1	* Housing, Cap
6	332-2877	2	Tie, Cable	27	332-2630	11	* Terminal, Spade
7	821-6002-03	3	Screw, Hex Head (M6 x 16)	28	323-1648	8	* Pin, Contact
8	870-0183	9	Nut, Lock – Acorn (#6-32)	29	332-2468	2	* Terminal, Faston
9	402-0527	4	Isolator, Vibration	30	332-1990	2	* Socket, Contact – Fits Tabs .020 x .187
10	821-0014	4	Screw, Cap – Hex Head (5/16-18 x 1/2)	31	870-1220	4	Nut – W/ET (#4-40)
11	815-0388	4	Screw, Cross Recessed – Thread Cutting (#6-32 x 1/2)	32	870-0439	4	Nut, Acorn (1/4-28)
12	337-0049	1	Strap, Bond	33	815-0875-02	3	Screw, Machine – Round Head (M4 x 8)
13	332-2974	1	Terminal, Spade	34			Breaker, Circuit
14	321-0175	1	Holder, Fuse		320-1941	1	2 Pin
15	321-0353	1	Fuse (20 Amp)		320-1824-02	1	4 Pin (With Auxiliary Contacts)
16	526-0018	1	Washer, Flat (5/16)				
17	856-0008	1	Washer, Lock – EIT (5/16)				
18	508-0305-02	–	Edging – Bulk (Order By The Foot – 1 Foot Required)				
19	856-0003	2	Washer, Lock – ET (5/16)				
20	302-2002	1	Meter, Hour				
21			Voltmeter, AC				
	302-1148	1	0-300/0-600 (600 Volt)				
	302-1753	1	0-750 (All except 600 Volt)				

* – Parts Included in Wiring Harness 338-3391

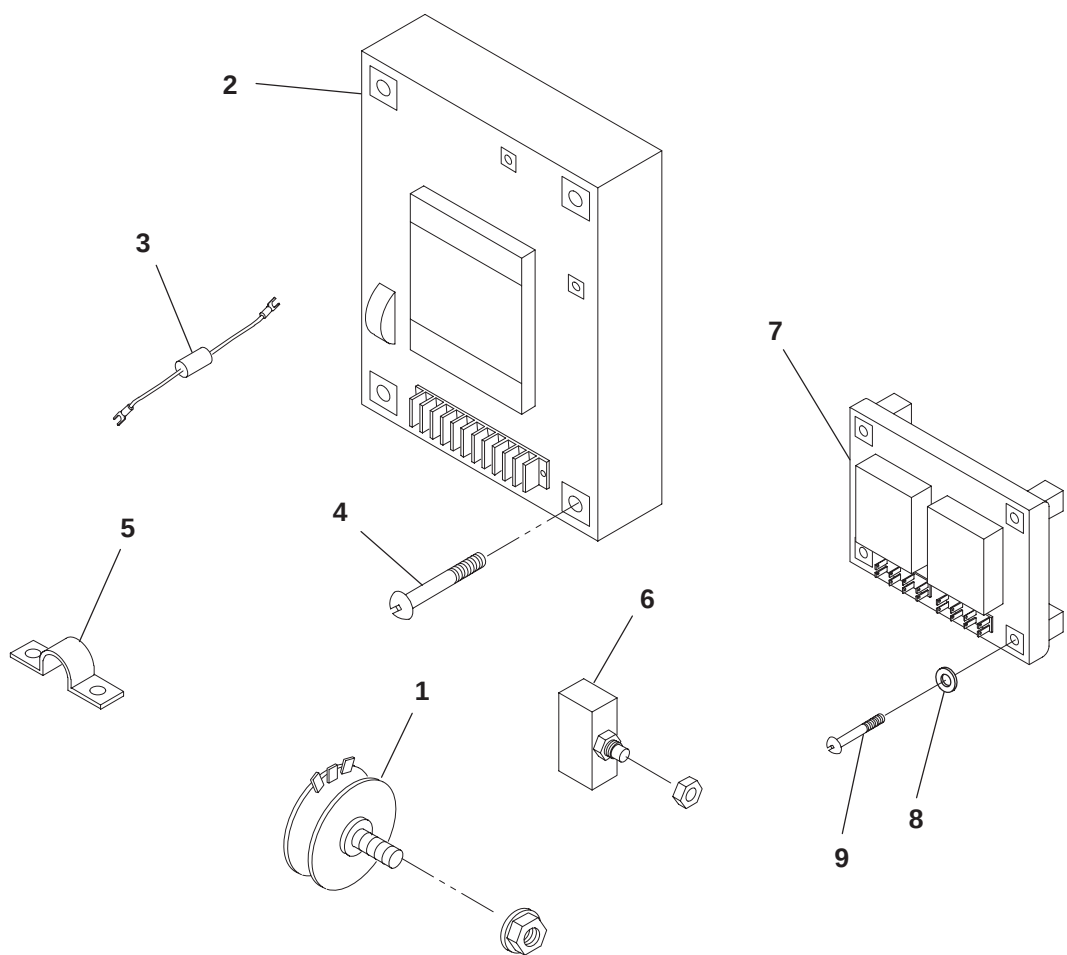
PowerCommand Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	—	1	Control, PowerCommand

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Note: For PowerCommand Control service replacement parts, order PowerCommand Control for Generator Sets parts catalog number 960–0205.			

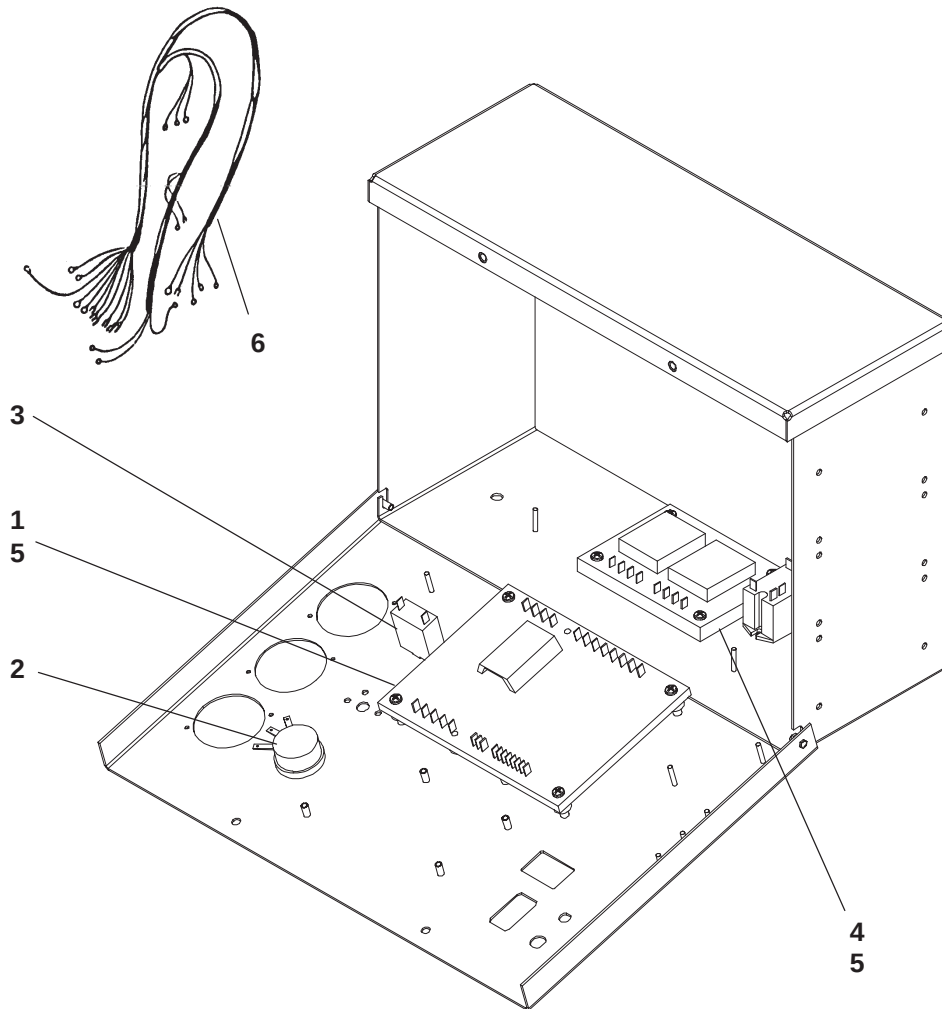
Voltage Regulator
(Detector Control)



B184,240

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	303-0261	1	Potentiometer SX460 Regulator	7	305-0868	1	Board, PC – Isolation Transformer (MX321 Regulator – Up to 480 Volts)
	303-0285-01	1	MX321 Regulator				
2	305-0844	1	Regulator, Voltage SX460 Regulator	8	526-0003	4	Washer (#8) (MX321 Regulator – Up to 480 Volts)
	305-0823	1	MX321 Regulator				
	305-0950	1	SX421 Regulator – DGFC				
3	350-1222	1	Resistor	9	815-0388	4	Screw, Cross Recessed – Thread Forming (6–32 x 1/2) (MX321 Regulator Only – Up to 480 Volts)
4	815-0905-08	4	Screw, Cross Recessed (#10–32 x 7/8)				
5	332-1043	11	Jumper				
6	320-1688-01	1	Breaker, Circuit				

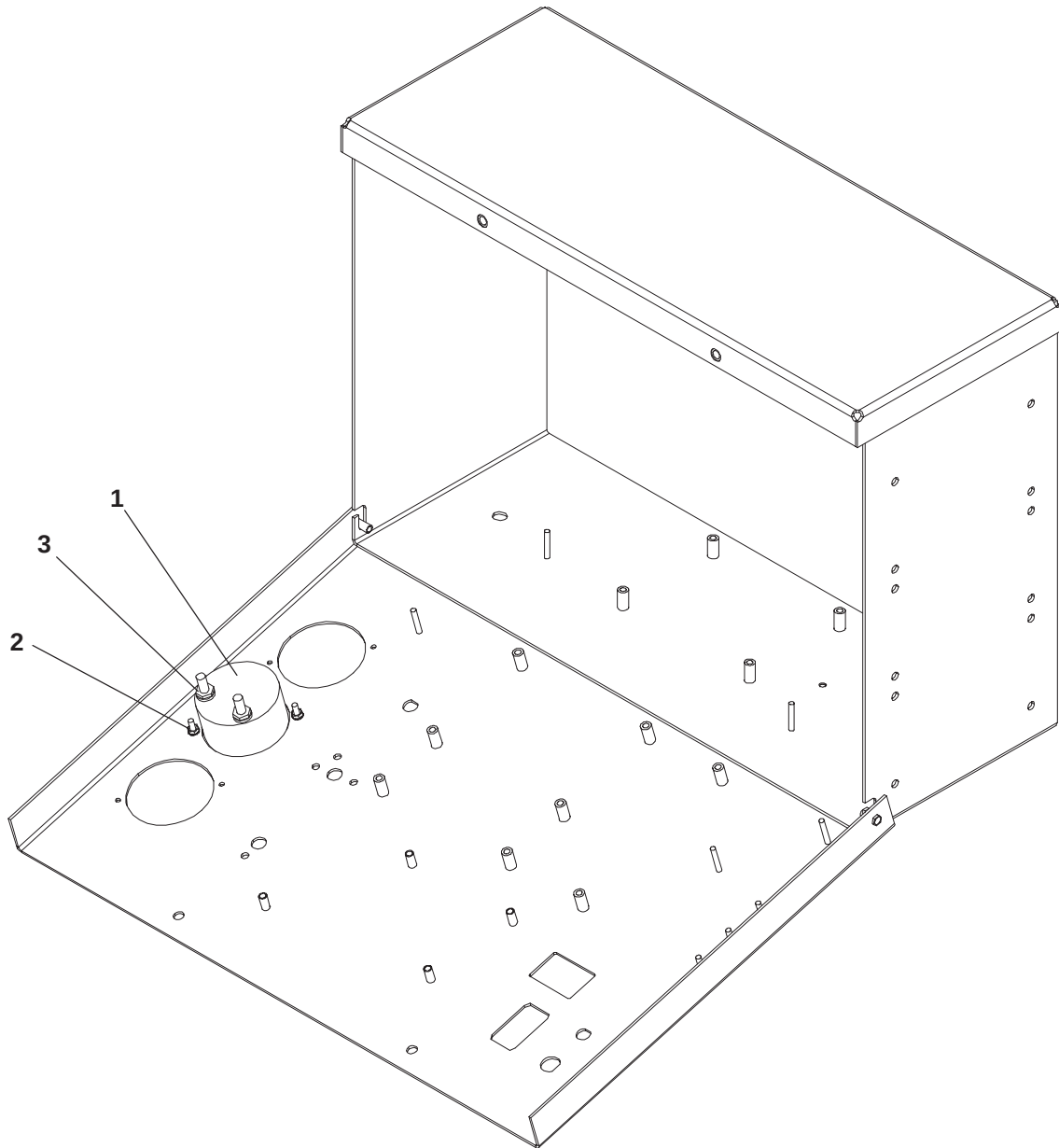
Voltage Regulator (Sentinel Control)



B240,184

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Regulator, Voltage	5			Screw, Pan Head – Cross Recessed (#10–32)
	305-0844	1	SX460		815-0905-08	4	SX460 Regulator
	305-0823	1	MX321		815-0905-08	4	MX321 Regulator – 600 Volt W/Meters
	305-0950	1	SX421 – DGFC		815-0905-08	8	MX321 Regulator – except 600 Volt W/Meters
2			Potentiometer (Units with Gauges)		815-0905-08	4	SX421 Regulator
	303-0261	1	SX460 Regulator W/Meters	6			Harness – AC Control
	303-0285-01	1	MX321 Regulator W/Meters		338-3395	1	SX460 Regulator – Less than 600 Volt WO/Meters
	303-0285-01	1	SX421 Regulator W/Meters		338-3395	1	MX321 Regulator – Less than 600 Volt WO/Meters
3	320-1688-01	1	Breaker, Circuit		338-3596	1	SX421 Regulator – Less than 600 Volt WO/Meters – DGFC
4	305-0868	1	Transformer (MX321 Regulator except 600 Volt W/Meters)				

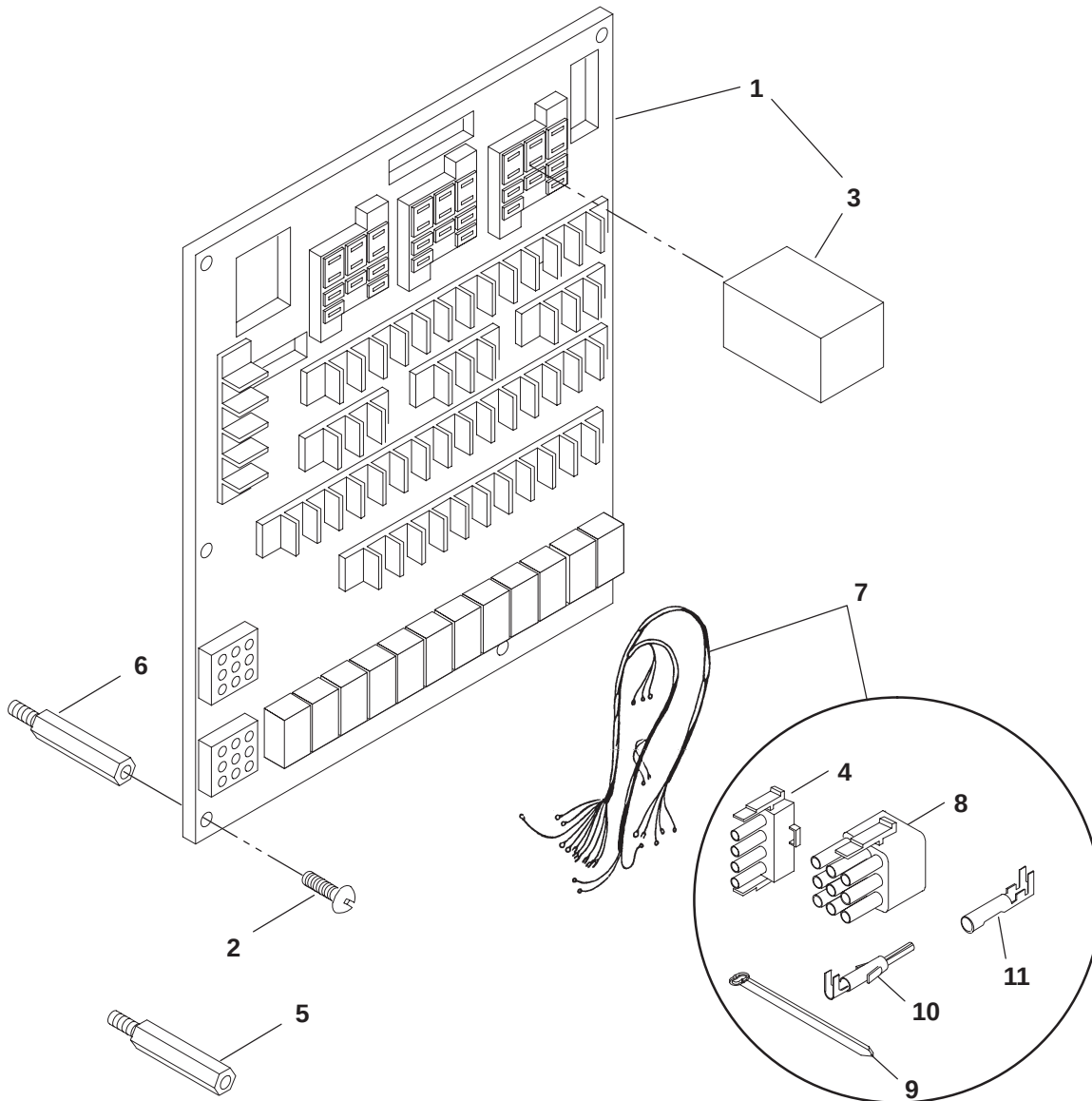
Ammeter



H562

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Ammeter, Dual Scale	2	870-1220	2	Nut, Hex W/ET (#4-40)
	302-1685	1	0-200/0-400	3	870-0439	2	Nut, Acorn (1/4-28)
	302-1724	1	0-250/0-500				
	302-1725	1	0-375/0-750				
	302-1726	1	0-400/0-800				

Alarm Relay Board

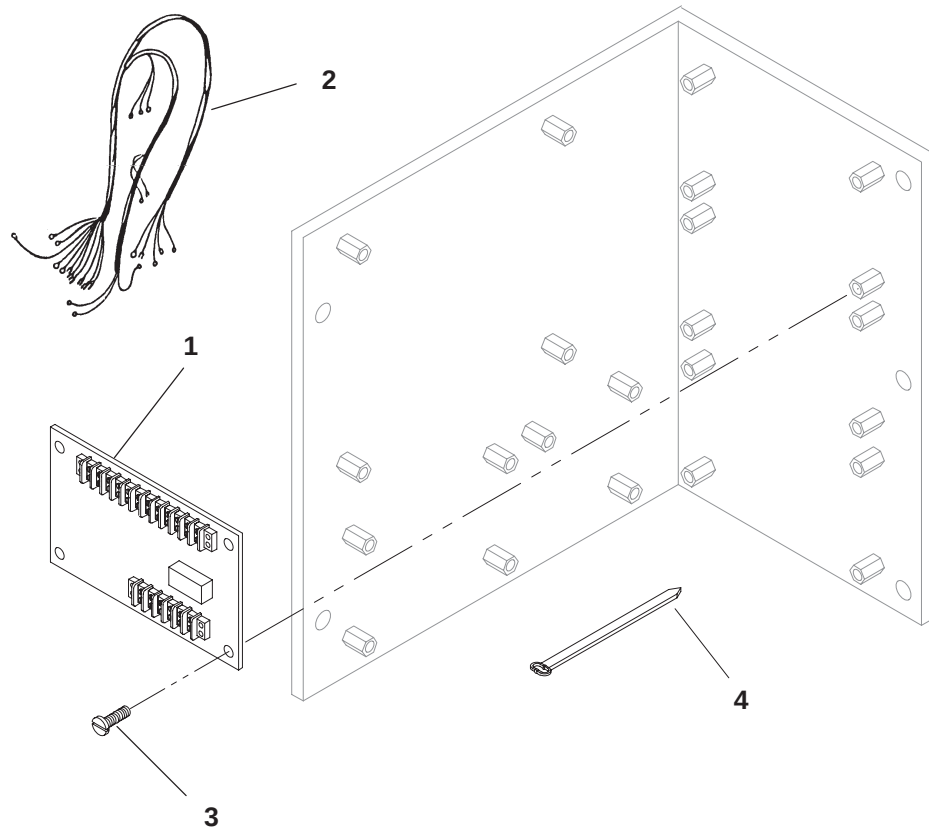


KJ03

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4111-03	1	Board, PC - Alarm Relay	7	338-2875	1	Harness, Alarm Relay Board (Includes parts marked *)
2	815-0544	6	Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x .50)	8	323-1291	2	* Plug, 9 Pin
3	307-1058	3	Relay (12 VDC) (K1, K2, K3)	9	332-1445	A/R	* Tie, Cable
4	323-1292	1	* Plug, 4 Pin	10	323-1199	9	* Pin, Contact
5	870-0517-02	2	Standoff - Alarm Board (1.31 lg.)	11	323-1200	12	* Socket, Contact
6	870-0517-01	4	Standoff - Alarm Board (1.25 lg.)				

* - Parts includes in 338-2875 Harness Assembly

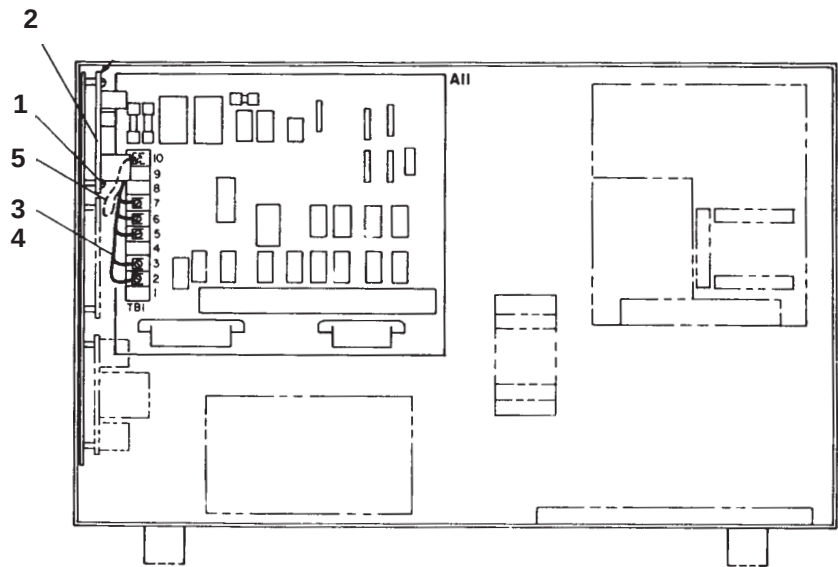
Common Alarm



H560

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4218-01	1	Board, PC – Diode	4	332-1445	A/R	Tie, Cable
2	338-3033	1	Harness, Common Alarm				
3	812-0063	4	Screw, Machine – Round Head (#6-32 x 1/2)				

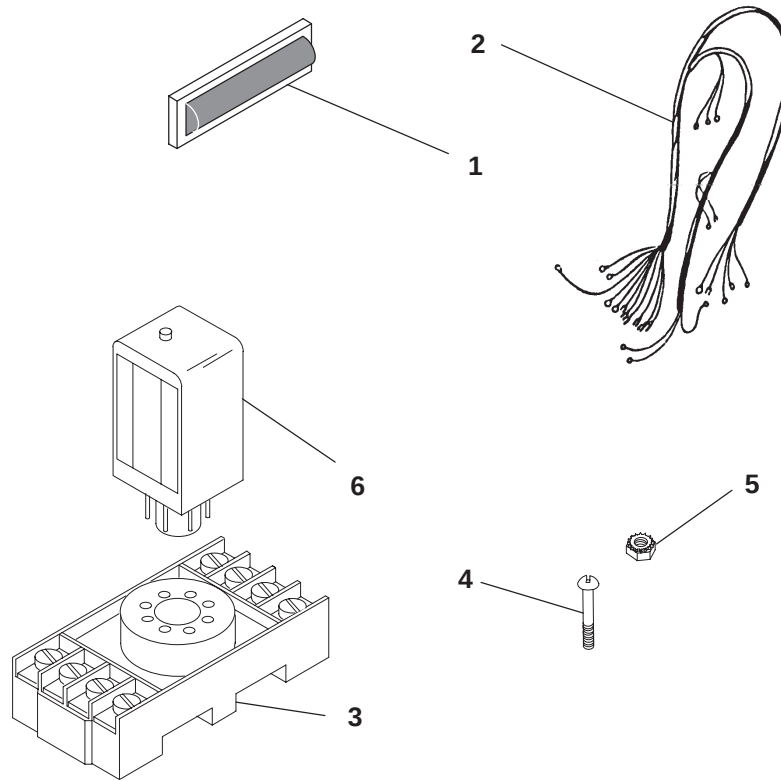
Time Delay Start/Stop



KL39

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0544	4	Screw, Machine – Round Head – Cross Recessed W/IT (#6-32 x 1/2)	3	332-1445	3	Tie, Cable
2	300-2897	1	Board, Printed Circuit – Time Delay Start/Stop	4	338-1904	1	Harness, Time Delay Start/ Stop
				5	332-2957	1	Terminal, Tab

Low Battery Voltage Sensor

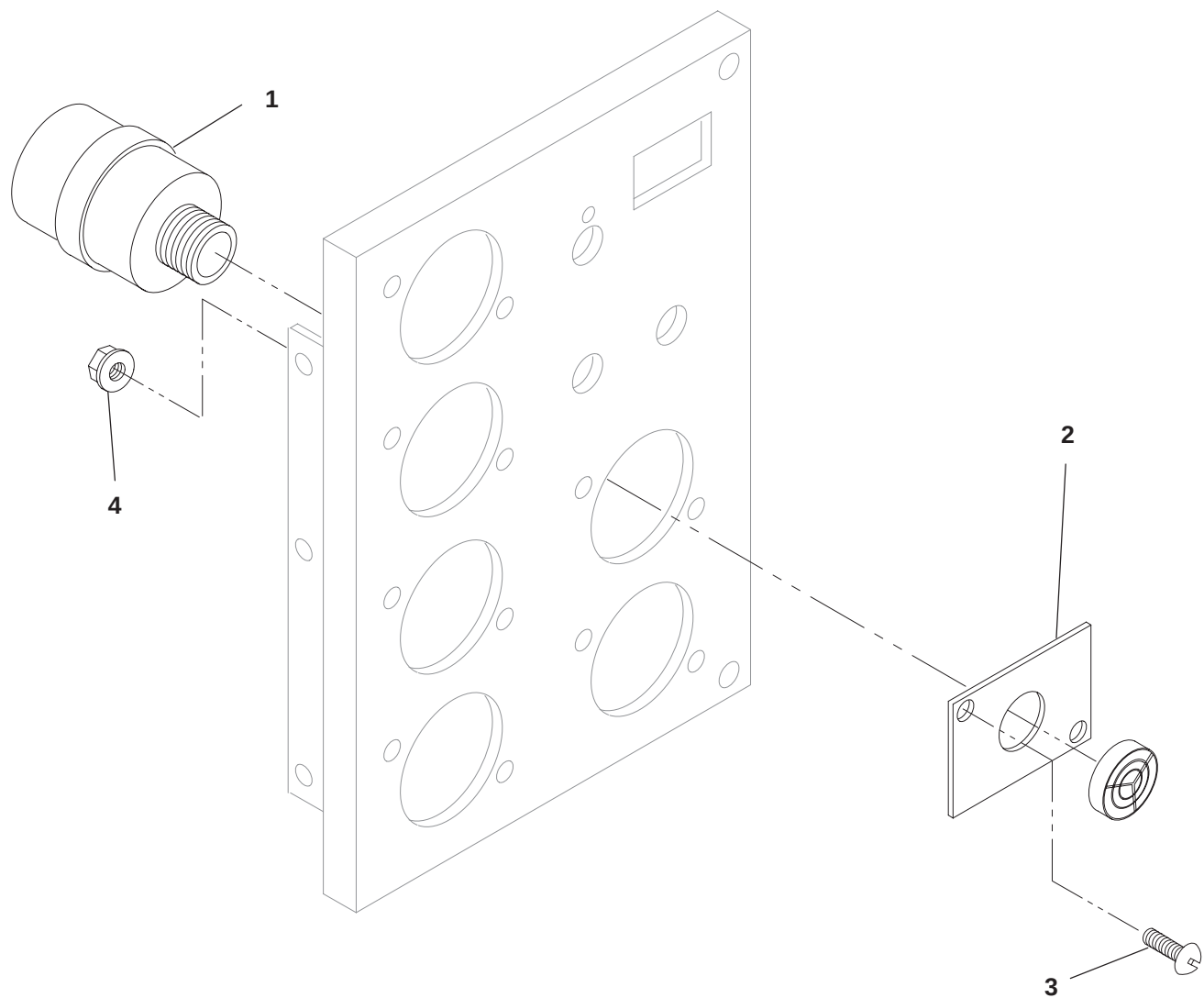


H560,543

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	322-0431-08	1	Lens, Indicator
2	338-3034	1	Harness, Low Battery Voltage
3	323-1410-03	1	Base, Relay

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	812-0084	2	Screw, Machine – Round Head (#8-32 x 1)
5	870-1221	2	Nut, Hex W/ET (#8-32)
6	305-0901	1	Sensor, Low Battery Voltage

Audible Alarm

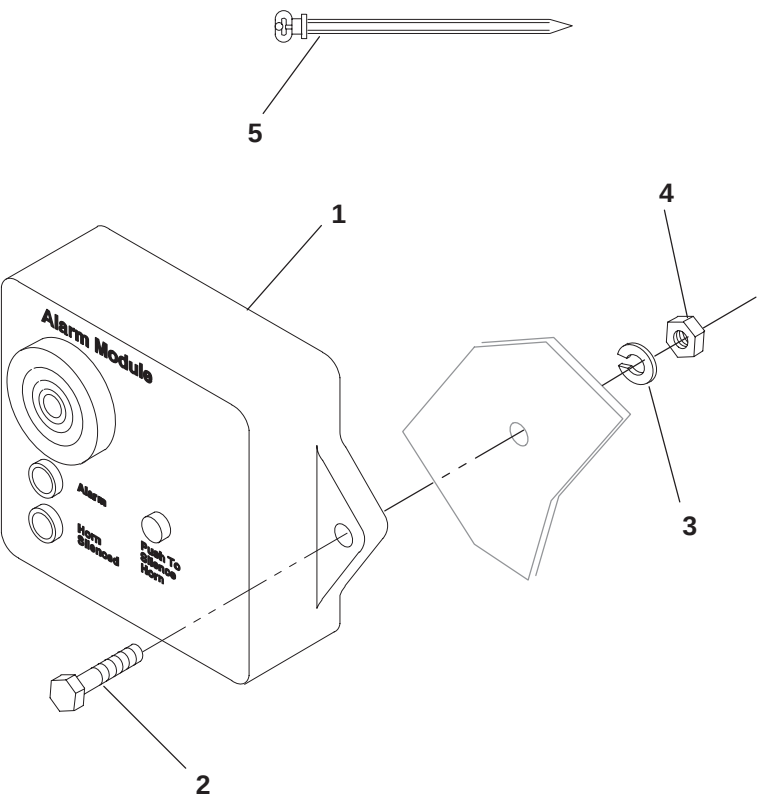


KL39

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	333-0133	1	Signal, Audible
2	319-0898	1	Plate, Audible Signal
3	815-0385	2	Screw, Machine – Round Head (#6-32 x 1/2)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	870-0183	2	Nut, Hex W/ET (#6-32)

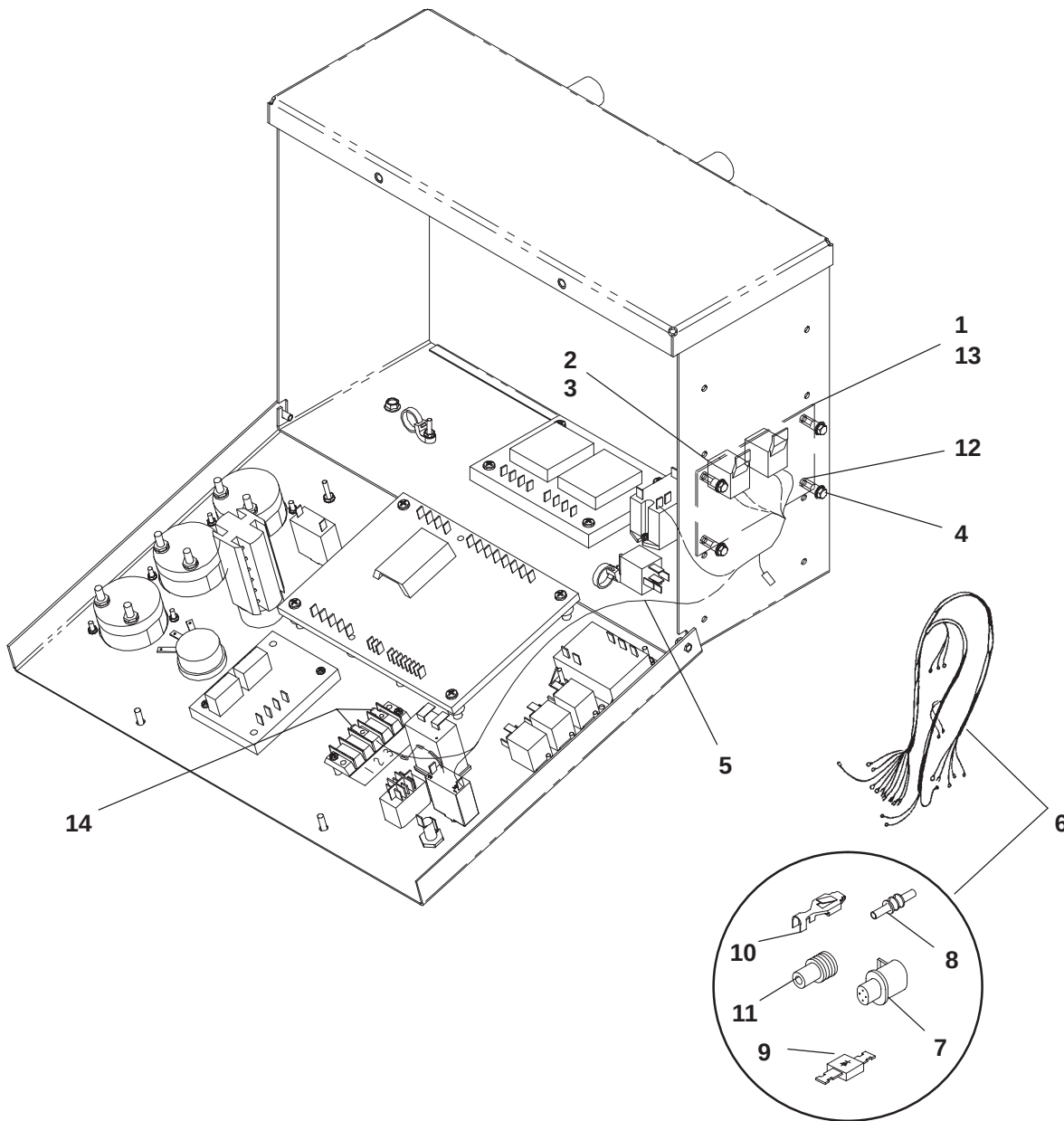
Alarm Module



KA08

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3998-02	1	Module, Alarm	3	850-0040	2	Washer, Lock (1/4)
2	800-0006	2	Screw, Cap – Hex Head (1/4-20 x 7/8)	4	862-0001	2	Nut, Hex (1/4-20)
				5	332-0942	3	Tie, Cable

Dry Contact DGDB Spec M

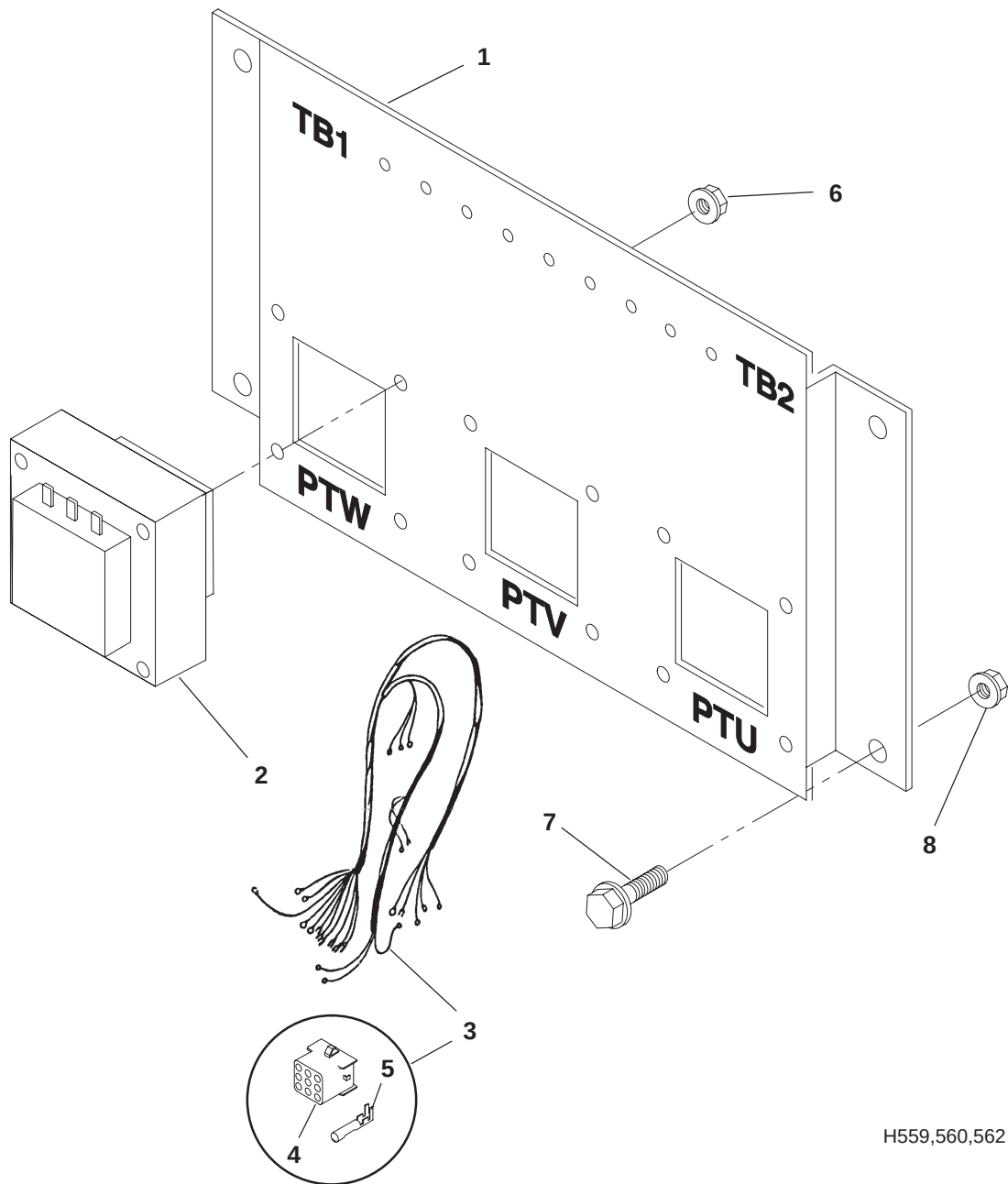


H560

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3601-02	1	Panel, Relay	8	323-1712	A/R	# Plug, Cavity
2	307-2817-01	2	Relay (K8, K9)	9	357-0030	2	# Rectifier – 6 Amp
3	821-6001-02	2	Screw, Hex Head (M5 x 12)	10	323-1709	A/R	# Socket, Contact (Used in S7)
4	821-5000-05	4	Screw, Hex Head (#10-32 x .50)	11	323-1708	A/R	# Seal, Cable
5	338-3731	1	Harness, Wiring – Control	12	870-2204	4	Standoff, Hex (#10-32)
6	338-3744	1	Harness, Wiring – Dry Contact (Includes Parts Marked #)	13	870-0131	4	Nut, Hex – W/ET (#10-32)
7	323-1765	1	# Housing, Connector (4 Pin)	14	332-0527	2	Terminal, Tab – 250

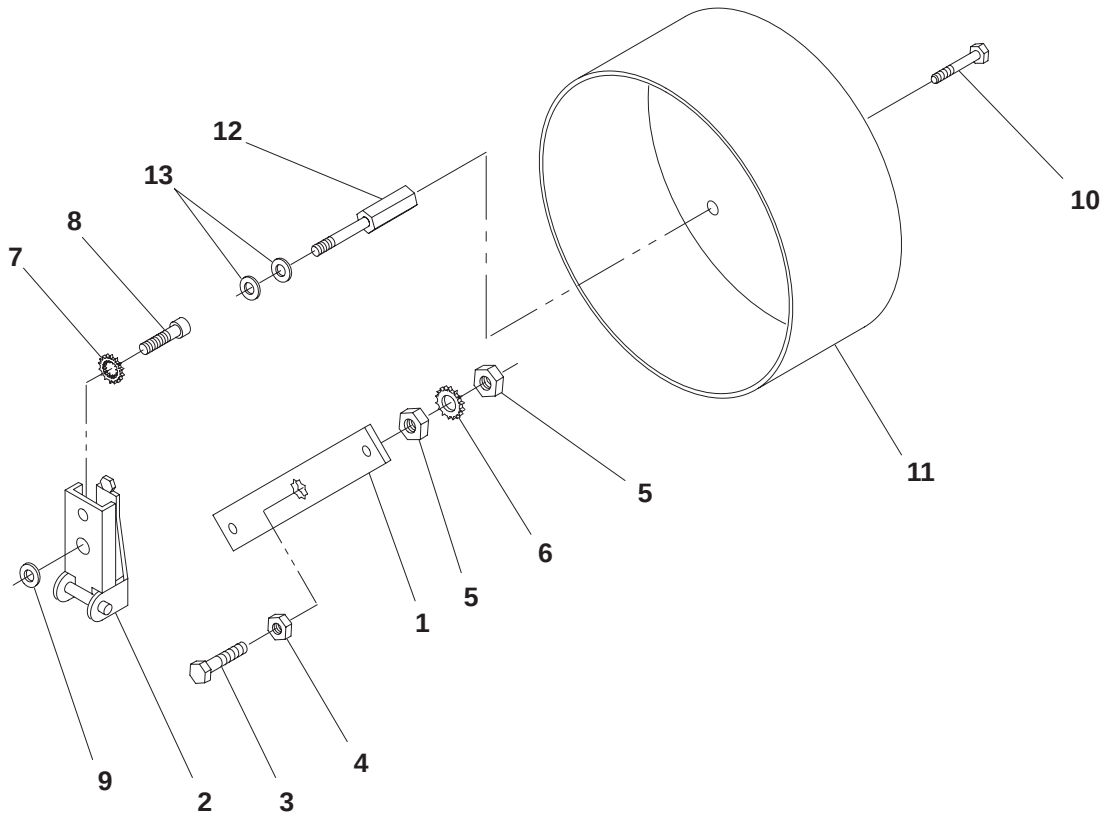
– Parts Included in 338-3744 Wiring Harness

Meter Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1498	1	Bracket, Transformer	5	323-1648	9	Socket, Contact
2	315-0717-00	3	Transformer	6	870-0221	12	Nut, Hex – W/ET (#8-32)
3	338-3337	1	Harness, Transformer (Includes Connector and Socket)	7	821-0016	4	Screw, Self-Locking – Hex Washer Head (5/16-18 x 3/4")
4	323-1644-02	1	Connector, Housing (9 Place)	8	870-0257	4	Nut, Hex – Locking (5/16-18)

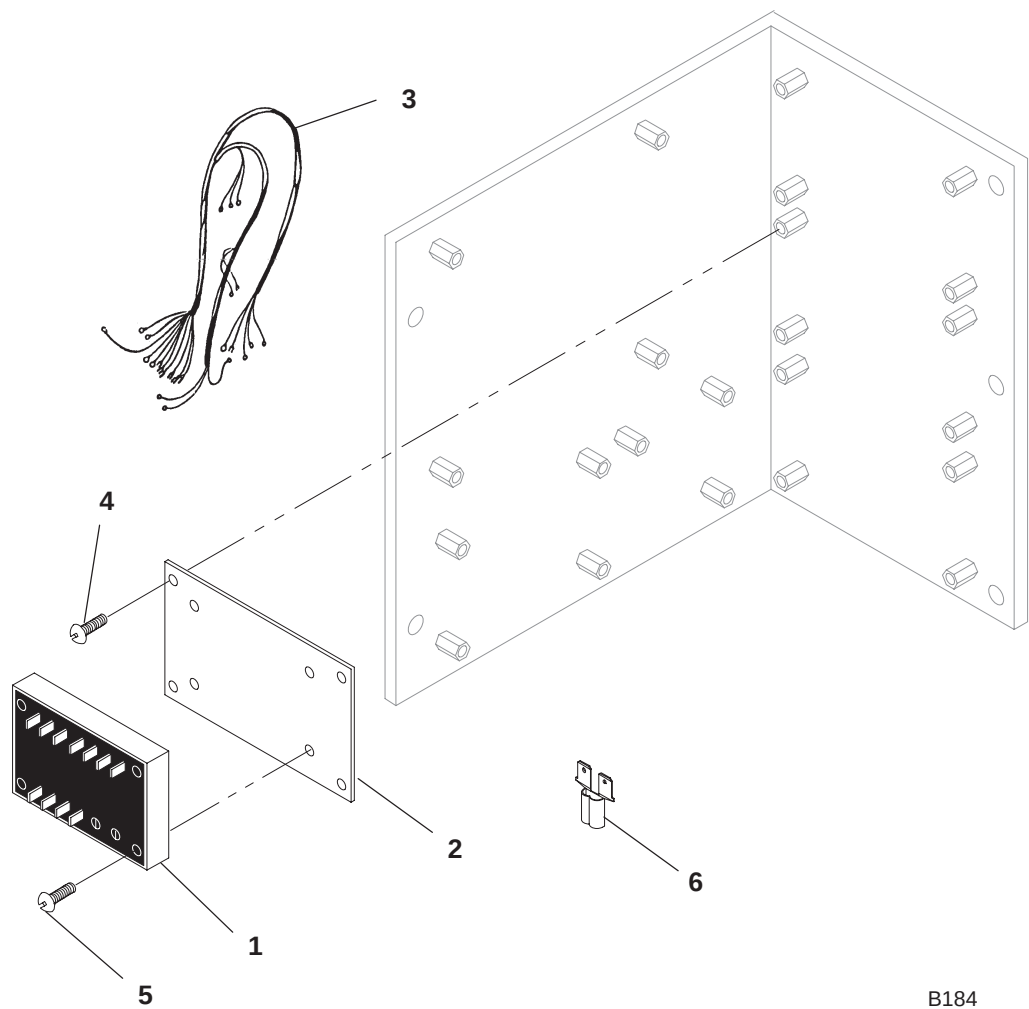
Mechanical Overspeed Switch



B240

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2309	1	Bracket, Overspeed	9	526-0240	1	Washer, Flat (.406 x 1.5 x .125)
2	150-0956	1	Switch, Overspeed (S3)	10	821-6001-01	4	Screw, Hex Head (5 x 10)
3	150-0723	1	Point, Overspeed	11	234-0875-01	1	Cover, End Bell
4	870-0250	1	Nut, Insulating (1/4)	12	232-3462-01	4	Spacer, Cover
5	862-0001	2	Nut, Hex (1/4)	13	526-2080	4	Washer, Flat (M8)
6	853-0013	1	Washer, Lock – ET (1/4)				
7	856-0010	1	Washer, Lock – EIT (3/8)				
8	800-2088	1	Screw, Cap – Hex Head (M10 x 35)				

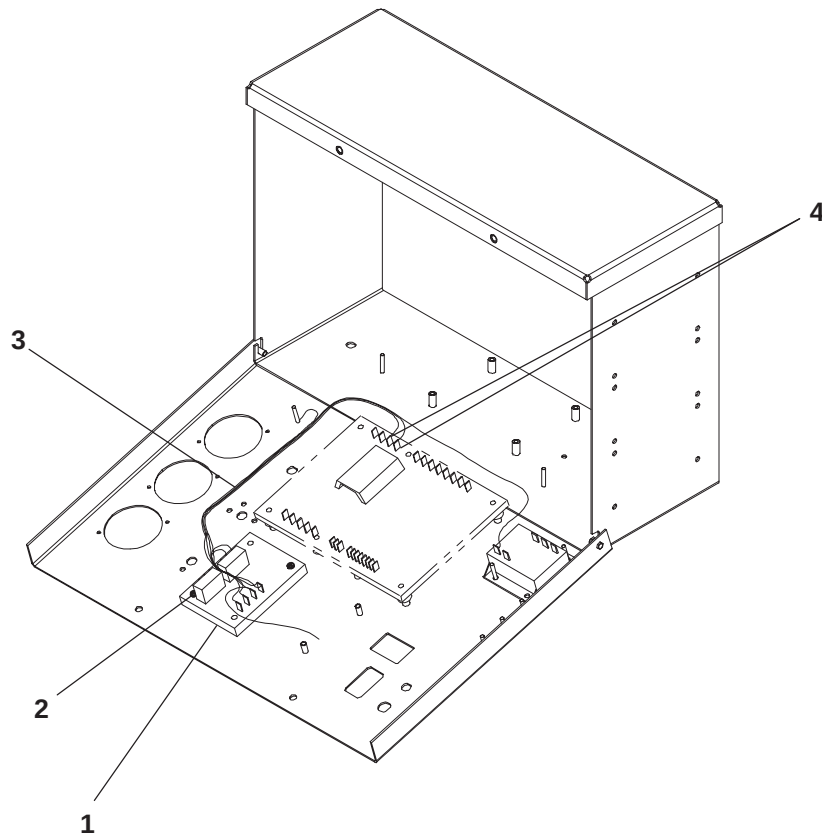
Electronic Overspeed
(Detector Control)



B184

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0902-01	1	Module, Frequency	5	812-0082	4	Screw, Machine – Round Head (8-32 x 3/4")
2	319-0754	1	Plate, Overspeed	6	332-1571	2	Terminal, Tab Adapter
3	338-3396	1	Harness, Overspeed				
4	815-0388	4	Screw, Cross Recessed Thread Forming (6-32 x 1/2")				

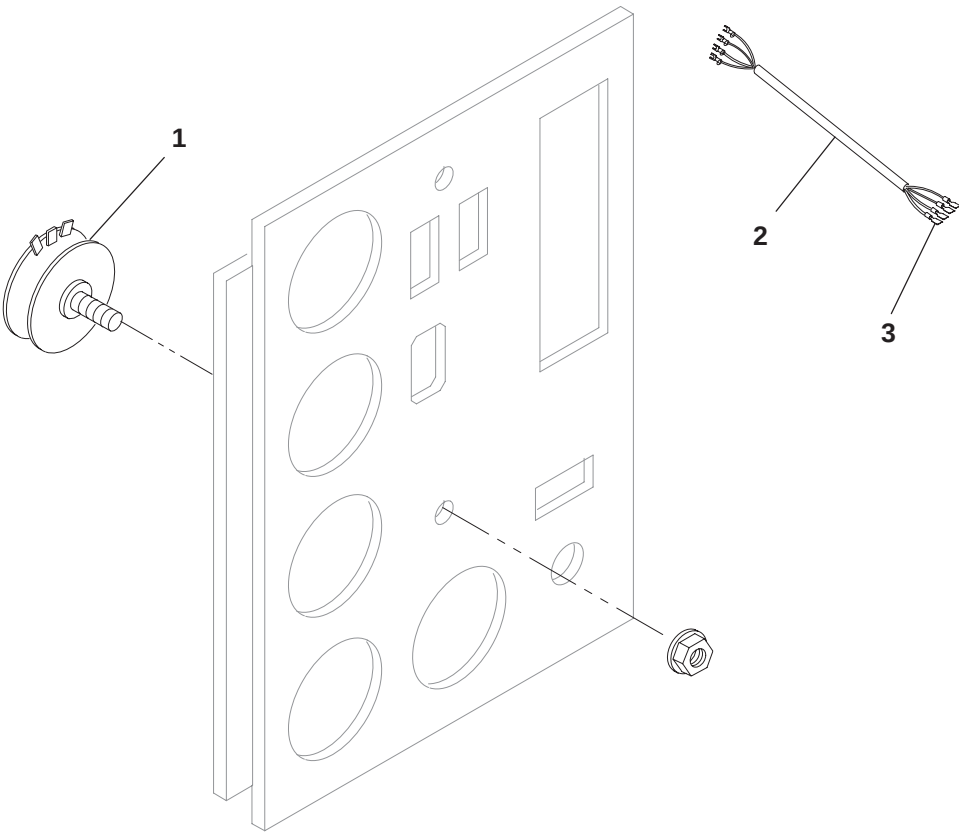
Electronic Overspeed (Sentinel Control)



B184

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0902-01	1	Module, Electric Overspeed	3	338-3451	1	Harness, Overspeed
2	815-0388	2	Screw, Thread Cutting – Cross Recessed (#6-32 x 1/2)	4	332-1571	2	Terminal, Tab

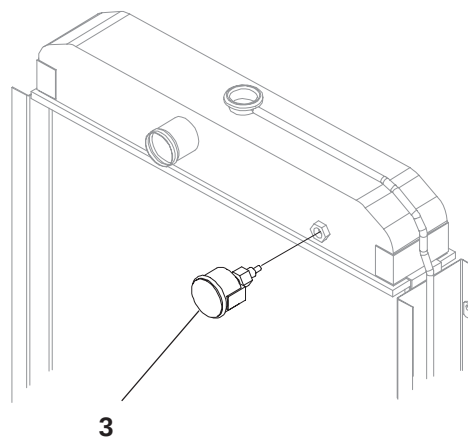
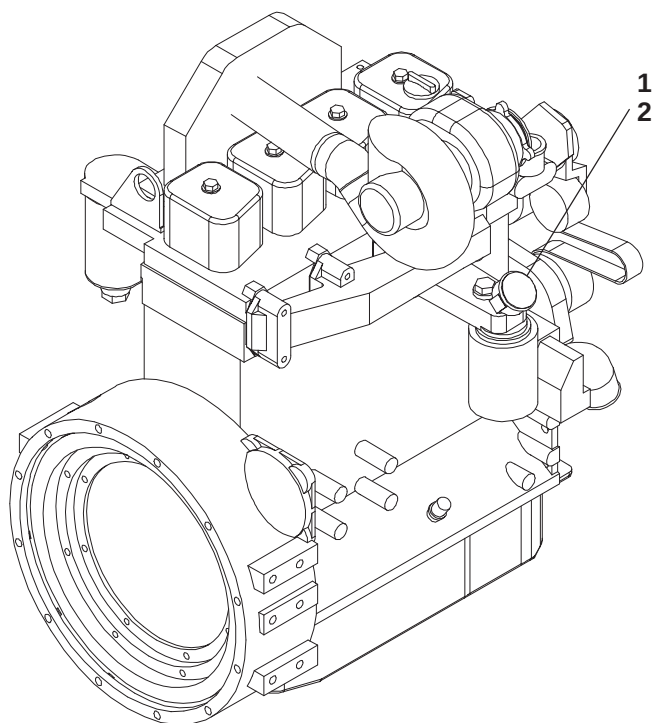
Speed Potentiometer



A068

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	151-0402	1	Potentiometer, Speed	3	332-2630	4	Terminal, Spade
2	334-0116	-	Cable, Shielded - Bulk (Order By The Foot - 7 Feet Required)				

Engine Gauges (Sentinel Control)

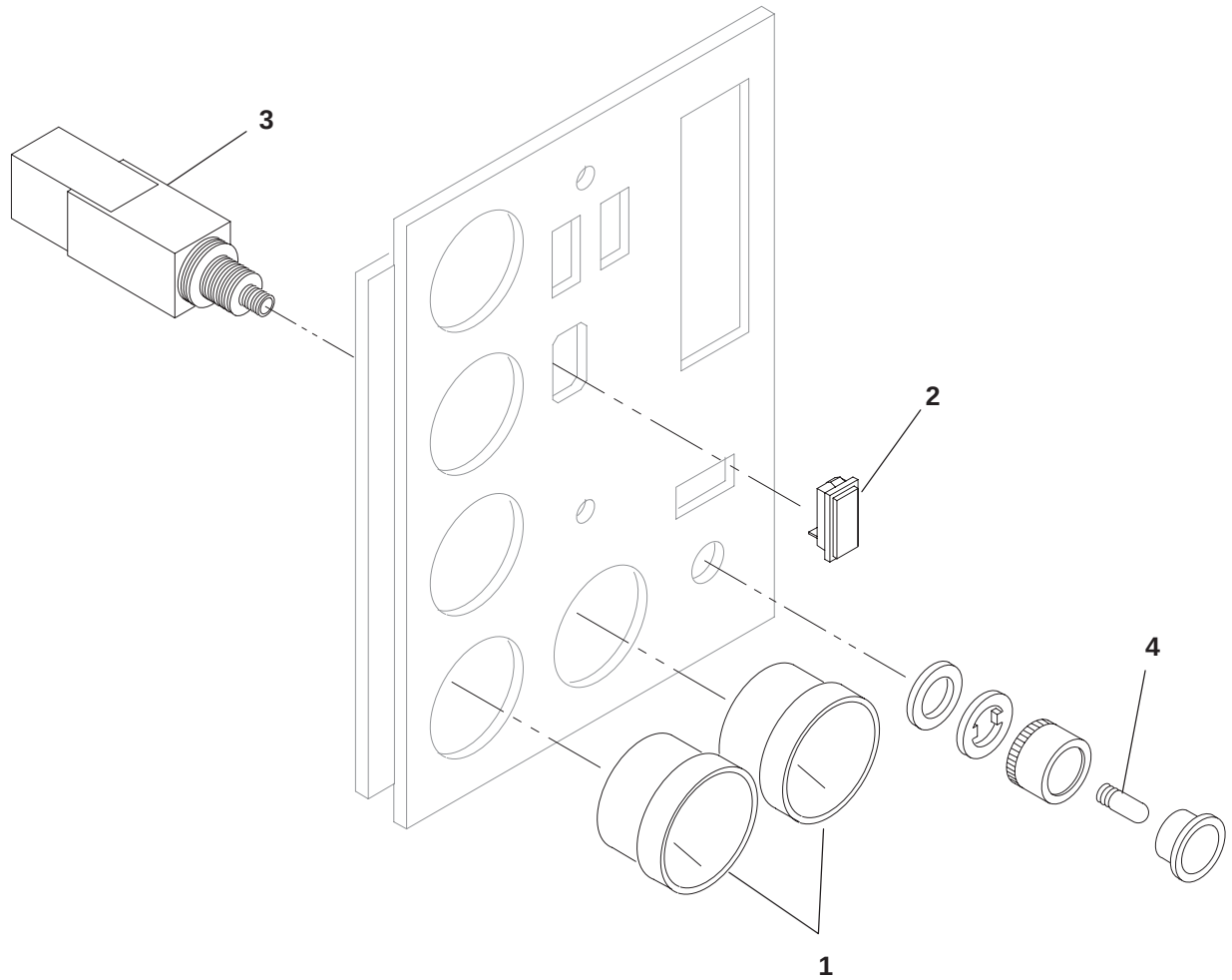


H563

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0451	1	Gauge, Pressure – Oil
2	502-0053	1	Elbow, Street – Pipe

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	193-0463	1	Gauge, Temperature – Water

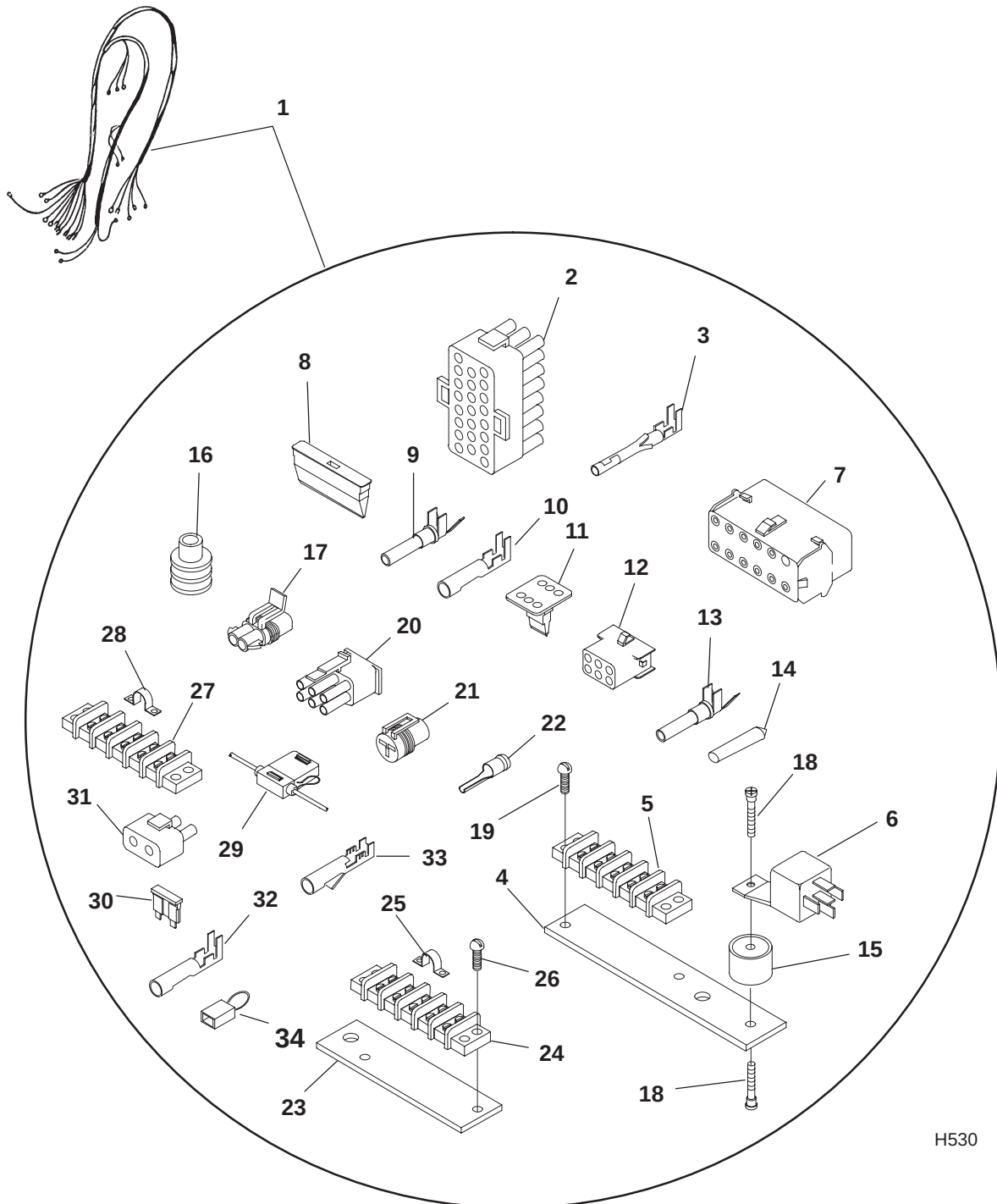
Emergency Stop Switch



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1723	2	Ammeter, Blank Scale
2	301-6257	1	Switch – Blank
3	308-0853	1	Switch, Pushbutton – Emergency Stop (Includes Bulb) (S14)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	322-0394	1	Bulb, Replacement

Engine Wiring Harness Generator Sets With PowerCommand Control



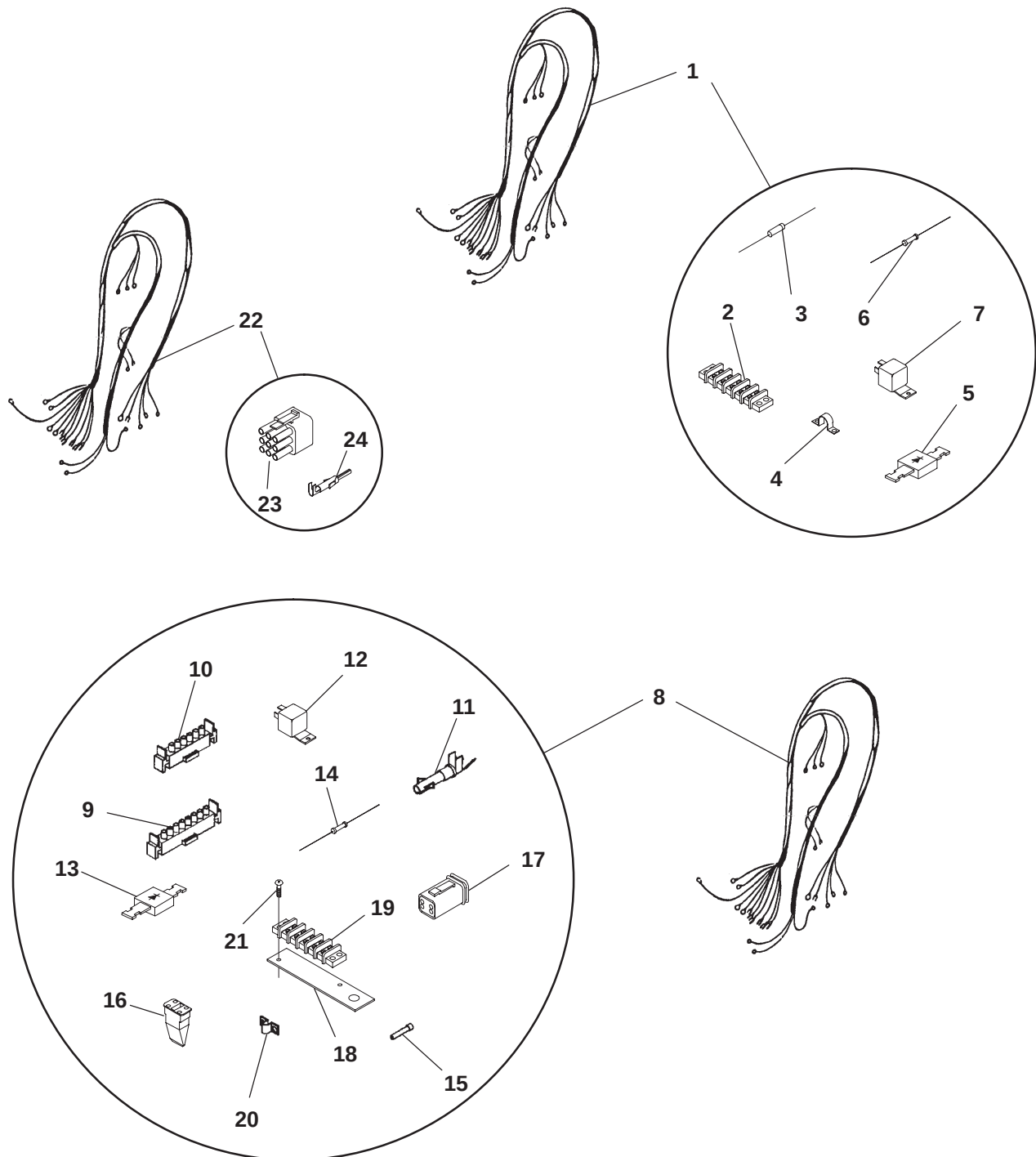
H530

Engine Wiring Harness Generator Sets With PowerCommand Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring – Engine To Control – Generator Sets With PowerCommand Control (Includes Parts Listed Below)	18	815-0839	2	Screw, Fillister Head – Cross Recessed W/ET (#10-32 x 3/8")
	338-3563	1	DGDA Spec L, DGDB Spec L	19	815-0538	2	Screw, Machine – Round Head – Cross Recessed W/IT (#8-32 x 1/2")
	338-3564	1	DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A	20	323-1643-01	1	Plug, Connector (6 Place) (P10)
	338-3754	1	DGDA Spec M, DGDB Spec M	21	323-1666	1	Socket, Connector (3 Place) (E1)
	338-3755	1	DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B	22	332-3496	2	Pin, Terminal (Used In TB1)
2			Plug, Connector (23 Place)	23			Bracket, Mounting – Terminal
	323-1605-03	1	Colored Grey (P5)		319-2006-01	1	Marked "26" (T26)
	323-1605-02	2	Colored Natural (P4, P6)		319-2006-02	1	Marked "GND" (GND-ENG)
3	323-1614-01	50	Socket, Contact (Used In P4, P5, P6)	24	332-0604	1	Block, Terminal (5 Place)
4	319-3180	1	Bracket, Mounting	25	332-1043	4	Jumper
5	332-0604	1	Block, Terminal (5 Place) (TB-BAT)	26	815-0538	2	Screw, Machine – Round Head – Cross Recessed W/IT (#8-32 x 1/2")
6	307-2817-01	1	Relay (K4)	27	332-0604	1	Block, Terminal (5 Place) (Used On B1)
7	323-1580	1	Housing, Connector (12 Place) (J12)	28	332-1043	3	Jumper
8	323-1581	1	Wedge (12 Pin)	29	321-0349	1	Holder, Fuse
9	323-1491	6	Pin, Contact (Used In J12)	30	321-0307-07	1	Fuse – 20 Amp (Colored Yellow)
10	323-1648	5	Socket, Contact (Used In P10)	31	323-1637	1	Socket, Connector (E6)
11	323-1624	1	Wedge (Used In P7)	32	323-1444	1	Socket, Contact (Used in E6) DGDA, DGDB
12	323-1623	1	Plug, Connector (6 Place) (P7)	33	323-1667	1	Socket, Contact (Used in E1)
13	323-1492	6	Socket, Contact (Used In P7)	34	338-3285	1	Harness, Jumper – (Includes Parts Indented Below) (E6) DGDA, DGDB
14	323-1615	1	Plug (Used On P4, P5, P6) (Quantity Used As Required)		323-1652	1	Socket, Connector (2 Place)
15	402-0510	1	Isolator, Vibration		323-1445	2	Seal
16	323-1445	3	Seal (Used On E2, E4, E6)		323-1718	2	Pin, Contact
17	323-1540	2	Socket, Connector (2 Place) (E2, E4)				

Engine Wiring Harness

Generator Sets With Detector Control or Sentinel Control



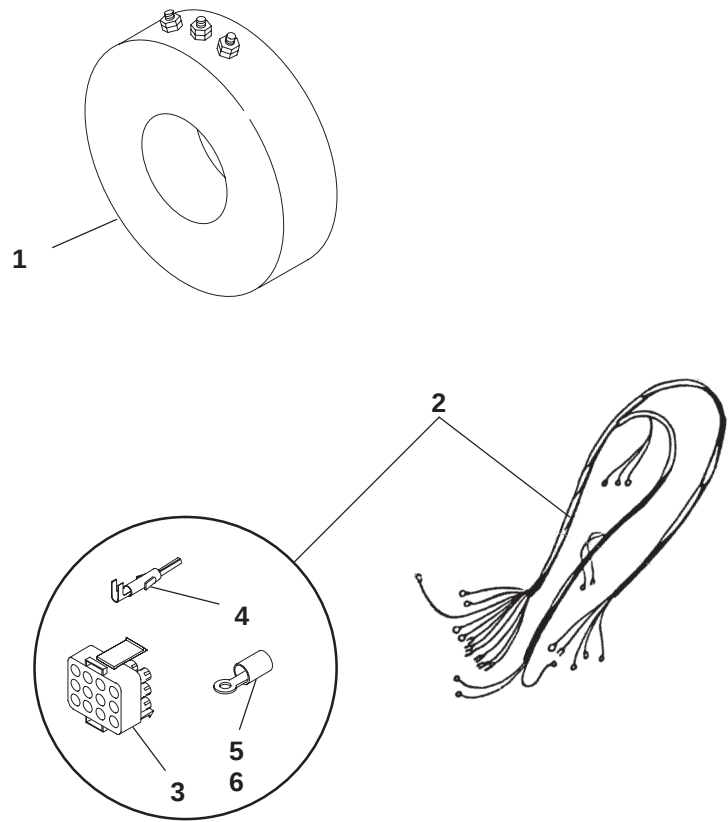
H562,559,560

Engine Wiring Harness

Generator Sets With Detector Control or Sentinel Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring – Engine to Control (Sentinel Control) (Includes Parts Marked *)	13	357-0030	1	# Rectifier, Silicon (CR2)
	338-3535	1	DGDA, DGDB	14	351-1599-42	1	# Resistor (24Ω) (R1)
	338-3536	1	DGEA, DGFA, DGFB, DGFC	15	323-1591	1	# Plug, Connector (E1)
2	332-0604	1	* Block, Terminal (TB1)	16	323-1548	1	# Wedge, Plug (4 Pin)
3	359-0115	1	* Diode (CR1)	17	323-1546	1	# Plug (4 Pin)
4	332-1043	1	* Jumper	18	319-2006-01	1	# Bracket, Terminal Mounting
5	357-0030	3	* Rectifier, Silicon (CR2)	19	332-0604	1	# Block, Terminal (T26)
6	351-1599-42	1	* Resistor (24Ω) (R1)	20	332-1043	4	# Jumper (T26)
7	307-2817-01	4	* Relay (K11-K14)	21	815-0538	2	# Screw, Machine – Round Head – Cross Recessed W/IT (8-32 x .50)
8			Harness, Wiring – Engine to Control (Detector Control) (Includes Parts Marked #)	22			Harness, Wiring – AC Auxiliary (Includes Parts Marked +)
	338-3537	1	DGDA, DGDB		338-3405	1	600 Volts
	338-3428	1	DGEA, DGFA, DGFB, DGFC		338-3403	1	Less than 600 Volts
9	323-1306	1	# Housing, Connector – 8 Place (J1)	23	323-1644-01	2	+ Connector, Plug (9 Place) 600 Volts
10	323-1304	1	# Housing, Connector – 6 Place (J2)		323-1644-01	1	Less than 600 Volts
11	323-1200	12	# Socket, Contact (Used in J1, J2)	24	323-1647	A/R	+ Pin, Contact
12			# Relay (K4)	* – Parts Included in 338-3535 and 338-3536 Wiring Harness			
	307-2817-01	1	DGDA, DGDB	# – Parts Included in 338-3537 and 338-3428 Wiring Harness			
	307-2817-01	2	DGEA, DGFA, DGFB, DGFC	+ – Parts Included in 338-3405 and 338-3403 Wiring Harness			

Current Transformer



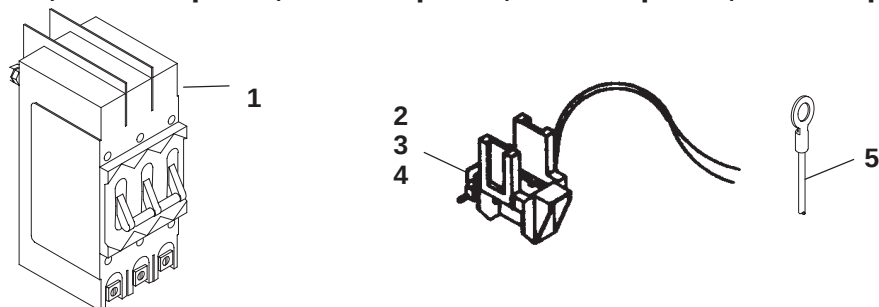
H559,560,562,530,532,555

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current Sets With Detector Control	2	338-3561	1	Harness, AC – Sets With PCC Control (Includes Parts Marked *)
	302-1845-06	3	Ratio 200/5 or 400/5	3	323-1644-03 A/R		* Housing, Plug & Cap – 12 Place
	302-1845-07	3	Ratio 250/5 or 500/5	4	323-1648	A/R	* Socket, Contact
	302-1845-08	3	Ratio 375/5 or 750/5	5	332-0802	A/R	* Terminal, Ring
	302-1845-09	3	Ratio 400/5 or 800/5	6	332-0898	A/R	* Terminal, Ring
			Sets With PCC Control				
	302-1922-46	3	Ratio 378/1 or 556/1				
	302-1922-09	3	Ratio 345/1 or 690/1				
	302-1922-11	3	Ratio 432/1 or 864/1				
	302-1922-14	3	Ratio 518/1 or 1036/1				
	302-1922-47	3	Ratio 604/1 or 1208/1				
	302-1922-48	3	Ratio 694/1 or 1388/1				
	302-1926-24	3	Ratio 194/1				
	302-1926-25	3	Ratio 242/1				
	302-1926-26	3	Ratio 302/1				
	302-1926-27	3	Ratio 362/1				
	302-1926-28	3	Ratio 422/1				
	302-1926-29	3	Ratio 482/1				

* – Parts Included in 338-3561 Wiring Harness

Circuit Breaker

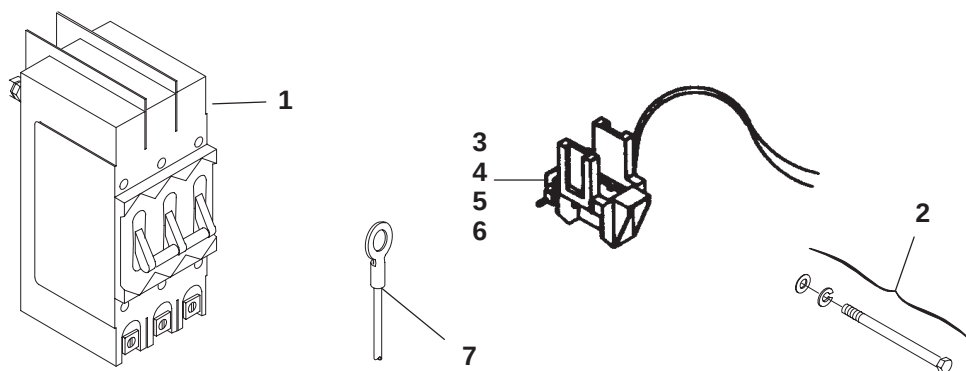
DGDA Spec L, DGDB Spec L, DGEA Spec K, DGFA Spec K, DGFB Spec K, DGFC Spec A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Breaker, Circuit – Molded Case 600 Volt 3 Pole (UL & IEC)	320-1961-05	1	150 Amp	
				320-1961-06	1	125 Amp	
				320-1961-07	1	100 Amp	
320-1964-02	1		1200 Amp Frame/1000 Amp				3 Pole
320-1964-03	1		1200 Amp Frame/900 Amp	320-1962-04	1	400 Amp Frame/400 Amp	
320-1964-04	1		800 Amp Frame/800 Amp	320-1962-05	1	400 Amp Frame/350 Amp	
320-1964-05	1		800 Amp Frame/700 Amp	320-1962-06	1	400 Amp Frame/300 Amp	
320-1963-01	1		600 Amp Frame/600 Amp	320-1961-08	1	250 Amp	
320-1963-02	1		600 Amp Frame/500 Amp	320-1961-09	1	225 Amp	
320-1963-03	1		600 Amp Frame/450 Amp	320-1961-10	1	200 Amp	
320-1963-04	1		400 Amp Frame/400 Amp	320-1961-11	1	175 Amp	
320-1963-05	1		400 Amp Frame/350 Amp	320-1961-12	1	150 Amp	
320-1963-06	1		400 Amp Frame/300 Amp	320-1961-13	1	125 Amp	
320-1970-01	1		250 Amp Frame/250 Amp	320-1961-14	1	100 Amp	
320-1970-02	1		250 Amp Frame/225 Amp	2			Trip, Shunt (12 VDC) (600 Volt)
320-1970-03	1		250 Amp Frame/200 Amp				3 Pole
320-1970-04	1		250 Amp Frame/175 Amp	320-1977-02	1	300 – 1200 Amp (UL & IEC)	
320-1970-05	1		250 Amp Frame/150 Amp	320-1978-02	1	125 – 250 Amp (IEC)	
320-1970-06	1		250 Amp Frame/125 Amp	320-1979-02	1	15 – 100 Amp (IEC)	
320-1975-01	1		100 Amp Frame/100 Amp				4 Pole
320-1975-02	1		100 Amp Frame/90 Amp	320-1981-02	1	320 – 630 Amp (IEC)	
320-1975-03	1		100 Amp Frame/80 Amp	3			Contact, Auxiliary (600 Volt)
320-1975-04	1		100 Amp Frame/70 Amp				3 Pole
320-1975-05	1		100 Amp Frame/60 Amp	320-1977-01	1	300-1200 Amp (UL & IEC)	
320-1975-06	1		100 Amp Frame/50 Amp	320-1978-01	1	125 – 250 Amp (IEC)	
320-1975-07	1		100 Amp Frame/45 Amp	320-1979-01	1	15 – 100 Amp (IEC)	
320-1975-08	1		100 Amp Frame/40 Amp				4 Pole
320-1975-09	1		100 Amp Frame/30 Amp	320-1981-01	2	320 – 630 Amp (IEC)	
			4 Pole (IEC)	4	320-1979-04	1	Alarm, Trip (600 Volt)
320-1964-07	1		1000 Amp Frame/1000 Amp	5			15 – 250 Amp (IEC)
320-1964-08	1		800 Amp Frame/800 Amp				Lead (Quantity Used As
320-1960-07	1		630 Amp Frame/630 Amp				Required)
320-1960-08	1		630 Amp Frame/500 Amp				30" Leads
320-1960-09	1		400 Amp Frame/400 Amp	226-3505-01	1	3/8" Ring Terminal End to 1"	
320-1960-10	1		400 Amp Frame/320 Amp				Stripped End (#4 Wire)
320-1959-11	1		250 Amp Frame/250 Amp	226-3505-03	1	3/8" Ring Terminal End to	
320-1959-12	1		250 Amp Frame/200 Amp				3/8" Ring Terminal End
320-1959-13	1		250 Amp Frame/160 Amp				(#4 Wire)
320-1959-14	1		250 Amp Frame/125 Amp	226-3505-04	1	3/8" Ring Terminal End to	
320-1959-15	1		100 Amp Frame/100 Amp				3/8" Ring Terminal End
			240 Volt (UL)				(#1 Wire)
			2 Pole				33" Leads
320-1962-01	1		400 Amp Frame/400 Amp	226-0893	1	3/8" Ring Terminal End to	
320-1962-02	1		400 Amp Frame/350 Amp				3/8" Ring Terminal End
320-1962-03	1		400 Amp Frame/300 Amp				38" Leads
320-1961-01	1		250 Amp	226-3505-07	1	3/8" Ring Terminal End to 1"	
320-1961-02	1		225 Amp				Stripped End (#1 Wire)
320-1961-03	1		200 Amp				
320-1961-04	1		175 Amp				

Circuit Breaker

DGDA Spec M, DGDB Spec M, DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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1			Breaker, Circuit
			2 Pole (UL)
	320-1961-07	1	100 Amp
	320-1961-06	1	125 Amp
	320-1961-05	1	150 Amp
	320-1961-04	1	175 Amp
	320-1961-03	1	200 Amp
	320-1961-02	1	225 Amp
	320-1961-01	1	250 Amp
	320-1962-03	1 *	300 Amp
	320-1962-02	1 *	350 Amp
	320-1962-01	1 *	400 Amp
			3 Pole (UL)
	320-1961-14	1	100 Amp
	320-1961-13	1	125 Amp
	320-1961-12	1	150 Amp
	320-1961-11	1	175 Amp
	320-1961-10	1	200 Amp
	320-1961-09	1	225 Amp
	320-1961-08	1	250 Amp
	320-1962-06	1 *	300 Amp
	320-1962-05	1 *	350 Amp
	320-1962-04	1 *	400 Amp
			3 Pole (UL & IEC)
	320-1959-20	1 *	30 Amp
	320-1959-19	1 *	40 Amp
	320-1959-18	1 *	50 Amp
	320-1959-17	1 *	60 Amp
	320-1959-10	1 *	70 Amp
	320-1959-09	1 *	80 Amp
	320-1959-08	1 *	90 Amp
	320-1959-07	1 *	100 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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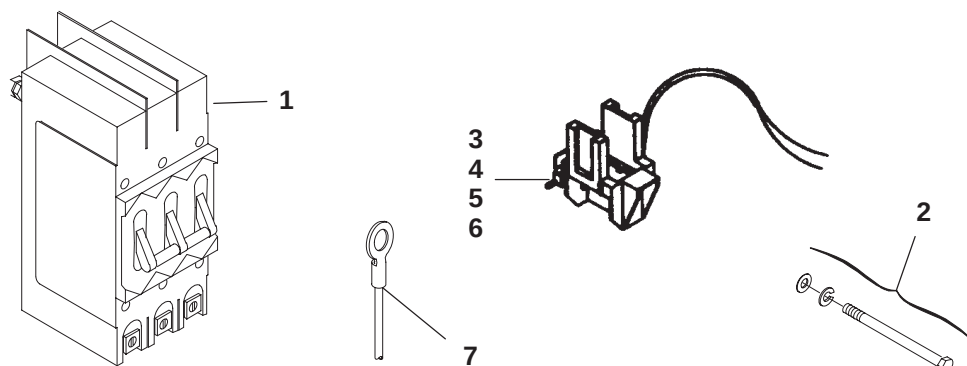
	320-1959-06	1 *	125 Amp
	320-1959-05	1 *	150 Amp
	320-1959-04	1 *	175 Amp
	320-1959-03	1 *	200 Amp
	320-1959-02	1 *	225 Amp
	320-1959-01	1 *	250 Amp
	320-1960-06	1 *	300 Amp
	320-1960-05	1 *	350 Amp
	320-1960-04	1 *	400 Amp
	320-1960-03	1 *	450 Amp
	320-1960-02	1 *	500 Amp
	320-1960-01	1 *	600 Amp
	320-1964-05	1 *	700 Amp
	320-1964-04	1 *	800 Amp
	320-1964-03	1 *	900 Amp
	320-1964-02	1 *	1000 Amp
			4 Pole (IEC)
	320-1959-15	1 *	100 Amp
	320-1959-14	1 *	125 Amp
	320-1959-13	1 *	160 Amp
	320-1959-12	1 *	200 Amp
	320-1959-11	1 *	250 Amp
	320-1960-10	1 *	320 Amp
	320-1960-09	1 *	400 Amp
	320-1960-08	1 *	500 Amp
	320-1960-07	1 *	630 Amp
	320-1964-08	1 *	800 Amp
	320-1964-07	1 *	1000 Amp

* – Includes Mounting Hardware

Continued...

Circuit Breaker

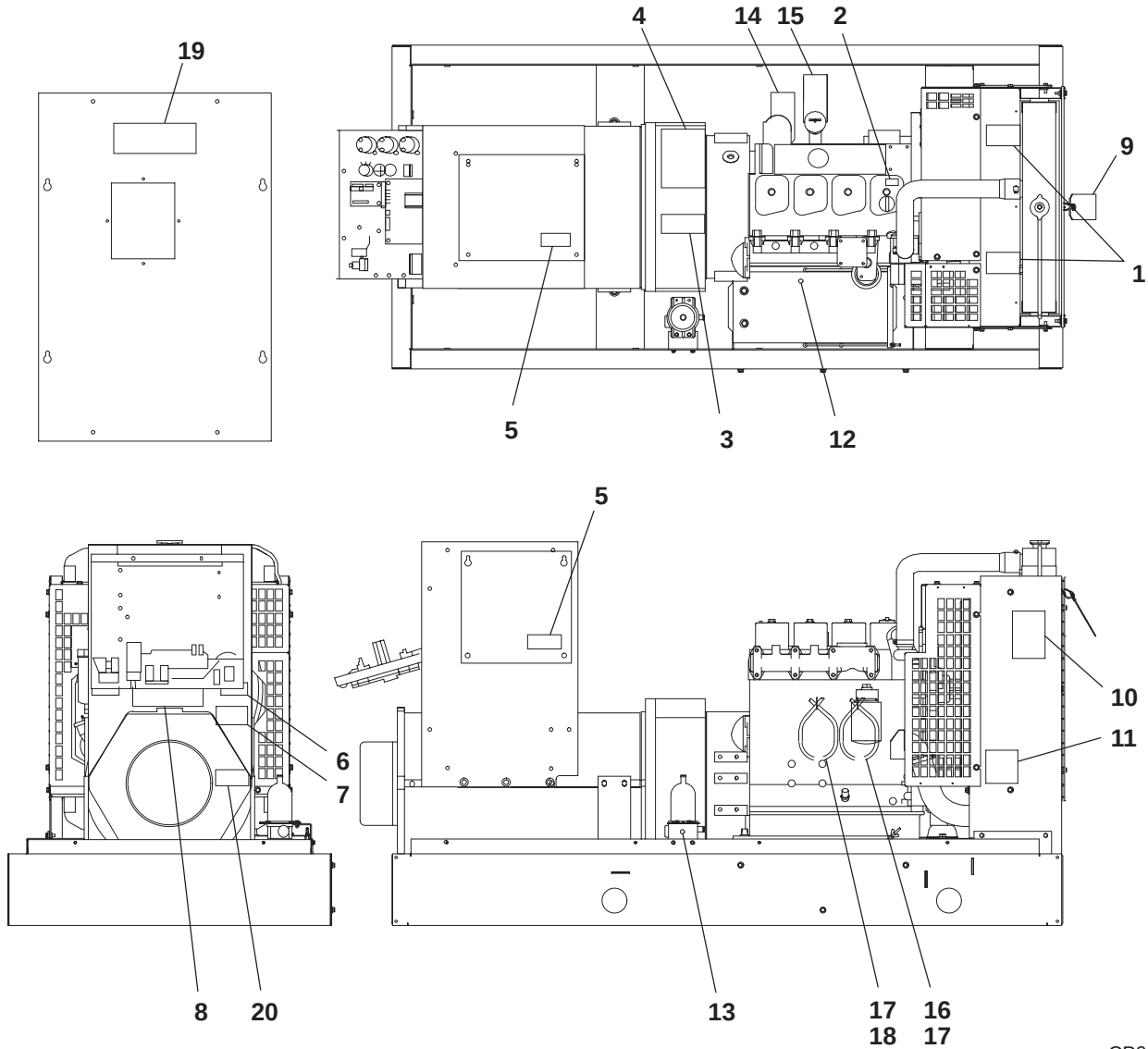
DGDA Spec M, DGDB Spec M, DGEA Spec L, DGFA Spec L, DGFB Spec L, DGFC Spec B



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...				7			Lead (Quantity Used As Required)
2			Package, Hardware – Circuit Breaker Mounting (Includes Screws, Nuts and Lock Washers)	226-0893	1		3/8" Ring Terminal End to 1" Stripped End – No Markings (33") (#1/0 Wire)
	320-1986-08	1	Used With 320-1959-XX Circuit Breakers	226-3505-01	1		3/8" Ring Terminal End to 1" Stripped End – No Markings (30") (#4 Wire)
	320-1986-07	1	Used With 320-1960-XX Circuit Breakers (Screws Only)	226-3505-03	1		3/8" Ring Terminal End to 3/8" Ring Terminal End – Marked "LO" (30") (#4 Wire)
	320-1986-05	1	Used With 320-1962-XX Circuit Breakers (Screws Only)	226-3505-04	1		3/8" Ring Terminal End to 3/8" Ring Terminal End – Marked "LO" (30") (#1/0 Wire)
	320-1986-01	1	Used With 320-1964-XX Circuit Breakers				
			Accessories, Circuit Breaker: The following are used on 320-1959-XX and 320-1960-XX Circuit Breakers				
3	320-1981-02	1	Trip, Shunt (12V)				
4	320-1981-01	2	Switches – Used as an Auxiliary Contact or Trip Alarm				
			Accessories, Circuit Breaker: The following are used on 320-1964-XX Circuit Breakers				
5	320-1977-02	1	Trip, Shunt (12V)				
6	320-1977-01	1	Switches – Includes 1 Auxiliary Contact and 1 Trip Alarm				

* – Includes Mounting Hardware

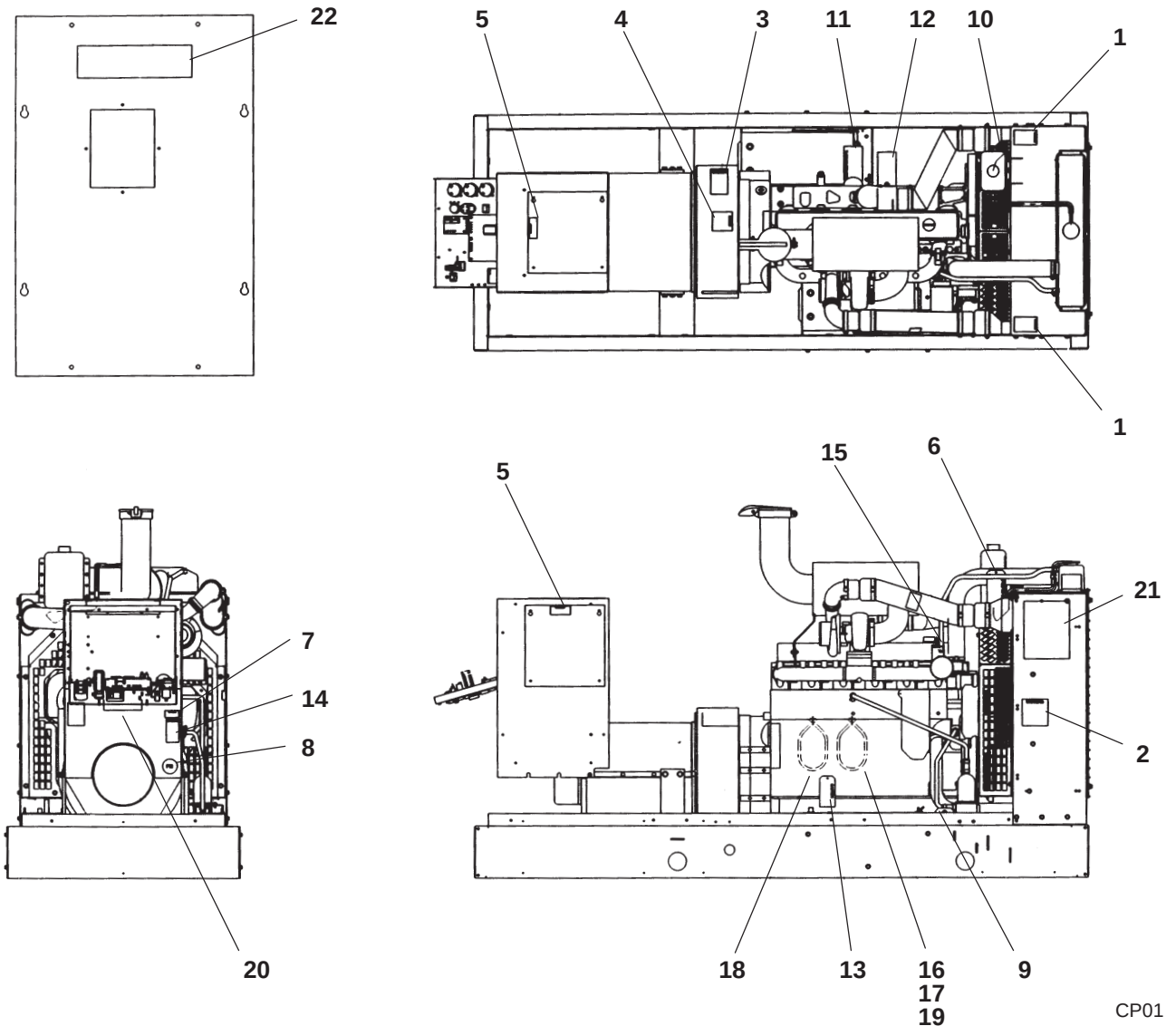
Miscellaneous Labels DGDA, DGDB



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	098-4730	2	Label, Warning (Not used W/Remote Radiator)	11	098-4732	2	Label, Warning
2	098-5822	1	Label, Warning	12	098-6460	1	Tag, Battery
3	098-4798	1	Label, Warning	13	098-6030	1	Tag, Caution (Used W/Optional Coolant Heater Only)
4	098-5842	1	Label, Caution	14	098-2124	1	Tag, Caution
5	098-5347	3	Label, Danger	15	098-7048	1	Tag, Oil Fill
6	098-6074-02	1	Label, Warning	16	098-3171	1	Tag, Fuel Line
7	098-5759	1	Label, Warning	17	503-0685	2	Clamp, Hose
8	098-6139-04	1	Label, Model Identification (Used W/Remote Radiator Only)	18	098-3172	1	Tag, Fuel Line
9	098-7047	1	Tag, Water Fill (Not used W/Remote Radiator)	19	098-2304	1	Label, Warning (Used W/Circuit Breaker Only)
10	098-6139-06	2	Label, Model Identification (Not used W/Remote Radiator)	20	098-4500	1	Decal

Miscellaneous Labels DGEA, DGFA, DGFB, DGFC



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	098-4730	2	Label, Warning (Not used W/Remote Radiator)	14	098-5759	1	Tag, Battery
2	098-4732	2	Label, Warning	15	098-5822	1	Label, Warning
3	098-5842	1	Label, Caution	16	501-0480-02	1	Line, Flexible Fuel
4	098-4798	1	Label, Warning	17	098-3171	1	Tag, Fuel Line
5	098-5347	3	Label, Danger	18	098-3172	1	Tag, Fuel Line
6	098-7047	1	Tag, Water Fill (Not used W/Remote Radiator)	19	503-0685	2	Clamp, Hose
7	098-6074-02	1	Label, Warning	20	098-6139-04	1	Label, Model Identification (Used W/Remote Radiator Only)
8	098-4500	1	Label, Prototype	21	098-6139-06	2	Label, Model Identification (Not used W/Remote Radiator)
9	098-6030	1	Tag, Caution	22	098-2304	1	Label, Warning (Used W/Circuit Breaker Only)
10	098-7450	1	Label, Coolant				
11	098-7048	1	Tag, Oil Fill				
12	098-2124	1	Tag, Caution				
13	098-6460	1	Tag, Battery				

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