



Parts Manual

Our energy working for you.™



Generator Set with PowerCommand® 2100 and 3100 Controller

DFAB (Spec M–N)

DFAC (Spec M–N)

MODEL IDENTIFICATION

This catalog covers models produced under the Cummins®/Onan® and Cummins Power Generation brand names.

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Cummins Power Generation 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 Cummins Power Generation 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 Cummins Power Generation 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 Cummins Power Generation Generator Models DFAB and DFAC 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 unless noted in the description column.

Engine parts that have been modified or added by Cummins Power Generation 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

Cummins Generator Model	Cummins Engine Model
DFAB, DFAC	LTA10-G1 (60Hz)
DFAB, DFAC	LTA10-G3 (50Hz)

Generator Set Data Table

Model and Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
200DFAB/*	200,000	#	50	12	3	24VDC
230DFAB/*	230,000	#	60	12	3	24VDC
220DFAC/*	220,000	#	50	12	3	24VDC
250DFAC/*	250,000	#	60	12	3	24VDC

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

– Broad range reconnectible

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Index

A

Adapter, Generator, **65**
Alarm, Low Fuel, **21**
Alarm, Overfill, **109**
Alternator, **56**
Anode, Zinc – Heat Exchanger, **25**

B

Bar, Bus – Circuit Breaker, **117**
Bar, Neutral – Circuit Breaker – Without Enclosure or With Standard Enclosure, **115**
Basin, Rupture, **22**
Belt, Alternator, **56**
Block, Terminal – Engine to Control Wiring Harness – Sets With PCC3100, **79**
Board, Printed Circuit – Bargraph, **69**
Board, Printed Circuit – Base, **69**
Board, Printed Circuit – Fuel Tank Control, **20**
Board, Printed Circuit – GCM, **80**
Board, Printed Circuit – LED, **69**
Board, Printed Circuit – Lonworks, **69**
Box, Circuit Breaker – With F200 – F205 Enclosure, **111 , 113**
Box, Circuit Breaker – Without Enclosure or With Standard Enclosure, **115**
Box, Control, **69**
Box, Entrance, **57**
Breaker, Circuit – Fuel Tank Control, **20**
Breaker, Circuit – UL Listed, IEC Conformity, **116**

C

Cable, Battery – Starter, **54**
Cable, Magnetic Pickup – Sets With PCC3100, **79**
Cap, Expansion Tank – Heat Exchanger, **25**
Cap, Fuel – Day Tank – With Control, **17**
Cap, Fuel – Day Tank – With Pump and Control, **19**
Cap, Fuel – Day Tank – Without Pump and Control, **16**
Cap, Radiator, **41**

Charger, 15 Amp – Mounting, **122**
Cleaner, Air – Heavy Duty, **15**
Cleaner, Air – Standard, **14**
Clip, Socket Mounting – Relay, **82**
Control, **69 , 76**
Control Assembly, **75**
Control, Battery Charger, **122**
Control, Coolant Heater, **35 , 37**
Control, Fuel Tank – Components, **20**
Control, Fuel Tank – Day Tank – With Control, **17**
Control, Fuel Tank – Day Tank – With Pump and Control, **19**
Cover, Control Box, **62**
Cover, Control Housing – Side – Upper, **62**
Cushion, Vibration – Engine End, **48**
Cushion, Vibration – Generator End, **48**

D

Disc, Drive – Generator, **65**
Display, Digital – Control, **69**
Duct, Air – Aluminum, **100**

E

Elbow, Exhaust, **9**
Element, Air Cleaner – Heavy Duty – Inner and Outer, **15**
Enclosure (F184), **43**
Enclosure – Aluminum, **45**
Enclosure – Aluminum Air Discharge – Horizontal, **99**
Enclosure – Aluminum Air Discharge – Vertical, **97**
Enclosure – Steel, **47**
Enclosure – Steel Air Discharge – Horizontal, **98**
Enclosure – Steel Air Discharge – Vertical, **96**
Exchanger, Heat, **25**
External Engine Parts, **11 , 13**

F

Fan, Radiator, **41**

Index

Fuel Transfer – Pump and Control, **108**

Fuse – Engine To Control Wiring Harness – Sets With PCC3100, **79**

G

Gauge, Fuel Pressure, **26**

Gauge, Liquid Level – Day Tank – With Control, **17**

Gauge, Liquid Level – Day Tank – With Pump and Control, **19**

Generator (Assembly), **65**

Generator (Complete Replacement Part Numbers), **66**

Grille, Radiator, **41**

Guard, Belt – Radiator, **41**

Guard, Belt – Remote Radiator, **39**

Guard, Fan – Radiator, **41**

Guard, Radiator, **41**

H

Harness, Wiring – AC, **85**

Harness, Wiring – Coolant Heater Control, **35**

Harness, Wiring – Engine, **72**

Harness, Wiring – Engine To Control – Sets With PCC3100, **79**

Harness, Wiring – Fuel Tank Control, **20**

Harness, Wiring – Fuel Tank Control to Starter – Day Tank – With Control, **17**

Harness, Wiring – Fuel Tank Control to Starter – Day Tank – With Pump and Control, **19**

Harness, Wiring – Fuel Transfer Pump to Fuel Tank Control – Day Tank – With Pump and Control, **19**

Harness, Wiring – Generator, **65**

Harness, Wiring – Ground Fault Relay, **86**

Harness, Wiring – Ground Fault Relay – Sets With PCC3100, **87**

Heater, Control, **67**

Heater, Control – PCC3100, **77**

Heater, Coolant, **33 , 36**

Heater, Generator, **63**

Heater, Oil Pan, **38**

Hose, Oil Drain, **11 , 13**

Housing, Control, **59 , 61**

I

Isolator, Vibration – Day Tank – With Control, **17**

Isolator, Vibration – Day Tank – With Pump and Control, **19**

Isolator, Vibration – Day Tank – Without Pump and Control, **16**

K

Kit, Fuel System – With OFPV, **27**

Kit, Gauge – Safety Sight – Radiator, **41**

Kit, Repair – Fuel Transfer Pump, **19**

L

Lamp, Indicator – Fuel Tank Control, **20**

Line, Flexible – Heat Exchanger, **25**

Line, Flexible – Radiator, **41**

Line, Flexible – Remote Radiator, **39**

Line, Fuel – Flexible – Fuel In and Fuel Out, **48**

Louver – Aluminum Air Inlet, **89**

Louver – Aluminum Rain Hood, **93**

Louver – Aluminum Weather and Acoustic, **91**

Louver – Steel Air Inlet, **88**

Louver – Steel Rain Hood, **92**

Louver – Steel Weather and Acoustic, **90**

Louver Assembly – Aluminum, **95**

Louver Assembly – Steel, **94**

Lug, Solderless – Circuit Breaker – Without Enclosure or With Standard Enclosure, **115**

M

Module, Alarm, **83 , 84**

Motor – Fuel Tank Pump – Day Tank – With Fuel Tank Pump and Control, **19**

Mounting System – Aluminum Enclosure, **51**

Mounting System – Steel Enclosure, **53**

Muffler, Exhaust (Weather Protective, Level I Sound Enclosure – F200, F201, F203, F204), **29**

Index

Muffler, Exhaust (Without Enclosure or With F184 Enclosure), **28**

Muffler, Exhaust – Critical (Level II Sound Enclosure – F202, F204), **30**

P

Paint, **7**

Paint, Sandstone, **7**

Panel, Distribution, **101**

Pickup, Magnetic, **11 , 13**

Pulley, Alternator, **56**

Pump, Fuel Transfer – Day Tank – With Pump and Control, **19**

Pyrometer, **81**

R

Radiator, **41**

Radiator, Remote, **39**

Rail, Enclosure – Control, **71**

Receptacle, External, **103**

Relay, Common Alarm, **82**

Relay, Control, **70**

Relay, Ground Fault, **86**

Relay, Ground Fault – Sets With PCC3100, **87**

Relay, Power – Coolant Heater Control, **35**

Relay, Pump – Fuel Tank Control, **20**

Rotor, Exciter – Generator, **65**

Rotor, Generator, **66**

S

Sealant, Thread, **7**

Sender, Low Coolant Level, **31**

Sender, Oil Pressure, **11 , 13**

Sender, Oil Temperature (Engine Block and Oil Pan), **11 , 13**

Shroud, Fan – Radiator, **41**

Skid, **48**

Skid, Lifting, **49**

Socket, Relay, **82**

Solenoid, Pilot, **11 , 13**

Starter – Air, **55**

Starter – Electric, **54**

Stator, Exciter – Generator, **65**

Stator, Generator, **66**

Strap, Ground – Skid, **48**

Switch, Basin – Low Fuel Alarm, **21**

Switch, Disconnect – UL Listed, IEC Conformity, **116**

Switch, Emergency Stop, **102**

Switch, Float – Basin, **23**

Switch, Float – Day Tank – With Control, **17**

Switch, Float – Day Tank – With Pump and Control, **19**

Switch, Key Operator, **120 , 121**

Switch, Low Engine Coolant Temperature, **13**

Switch, Operator, **120**

Switch, Rocker – Fuel Tank Control, **20**

Switch, Trip Alarm or Auxiliary Contact – Circuit Breaker – UL Listed, **116**

T

Tank, Day – With Control, **17**

Tank, Day – With Pump and Control, **19**

Tank, Day – Without Pump and Control, **16**

Tank, Fuel, **106 , 107**

Thermostat, **36**

Thermostat – Coolant Heater, **33**

Transformer, 24VAC, **104**

Transformer, Current, **118 , 119**

Trip, Shunt – Circuit Breaker – UL Listed, **116**

Tube, Radiator, **41**

V

Valve – Fuel Pressure Gauge, **26**

Valve Assembly, Float – Day Tank – Without Pump and Control, **16**

Valve, Check, **36**

Valve, Gate – Heat Exchanger, **25**

Valve, Shutoff – Oil Drain, **11 , 13**

Valve, Solenoid, **27**

Index

Valve, Solenoid – Water – Heat Exchanger, **25**

Valve, Water Saver – Heat Exchanger, **25**



Abbreviations

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

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

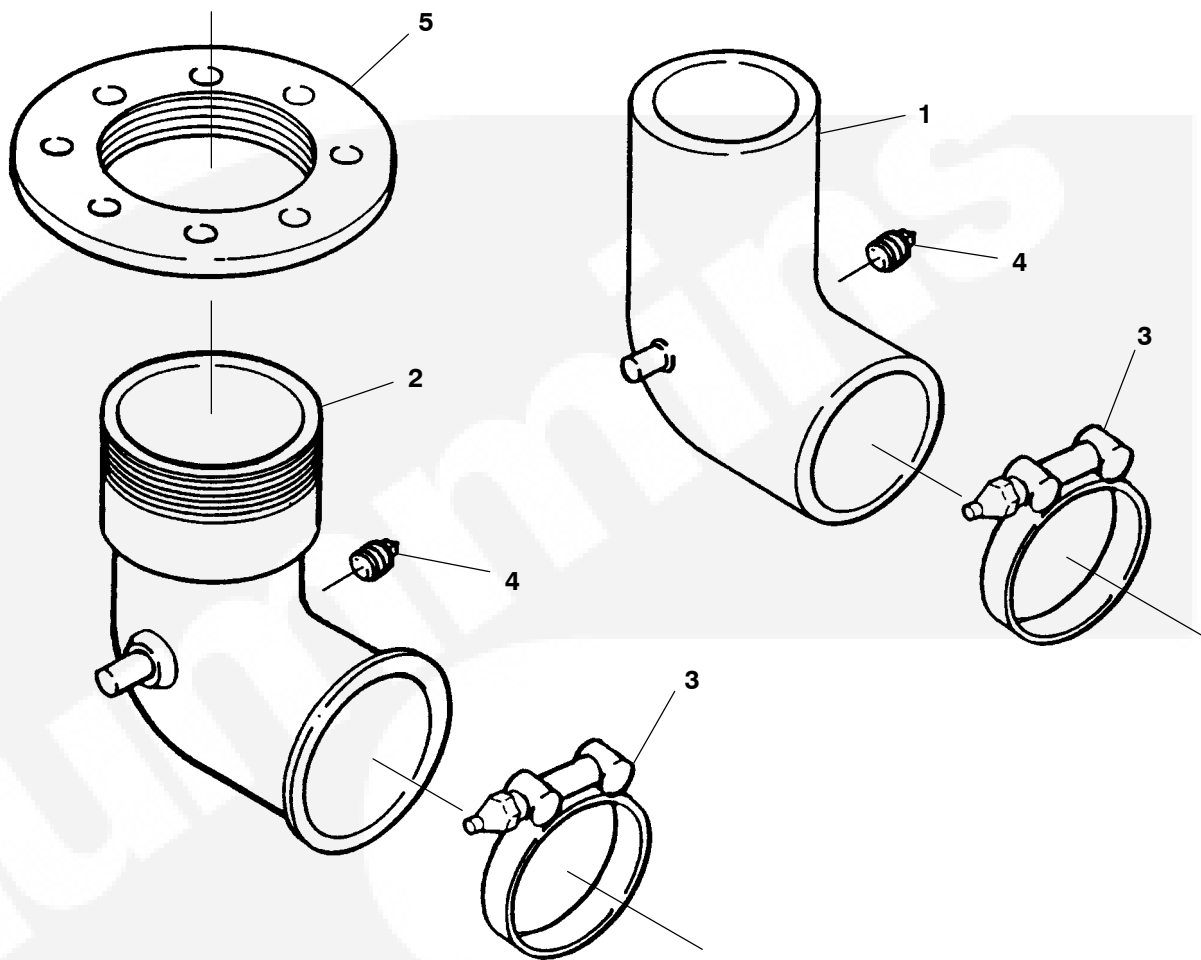
Paint and Thread Sealant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metallic)				Cummins Beige Enamel
	525-0305	-	12 oz. Pressurized Spray Can		525-0551-02	-	12 oz. Pressurized Spray Can
	525-0306	-	Quart Can		525-0551-03	-	Quart Can
	525-0304	-	Gallon Can		525-0551-04	-	Gallon Can
					518-0601	-	Sealant, Thread (6 ml Tube)
					525-0749	-	Paint, Sandstone

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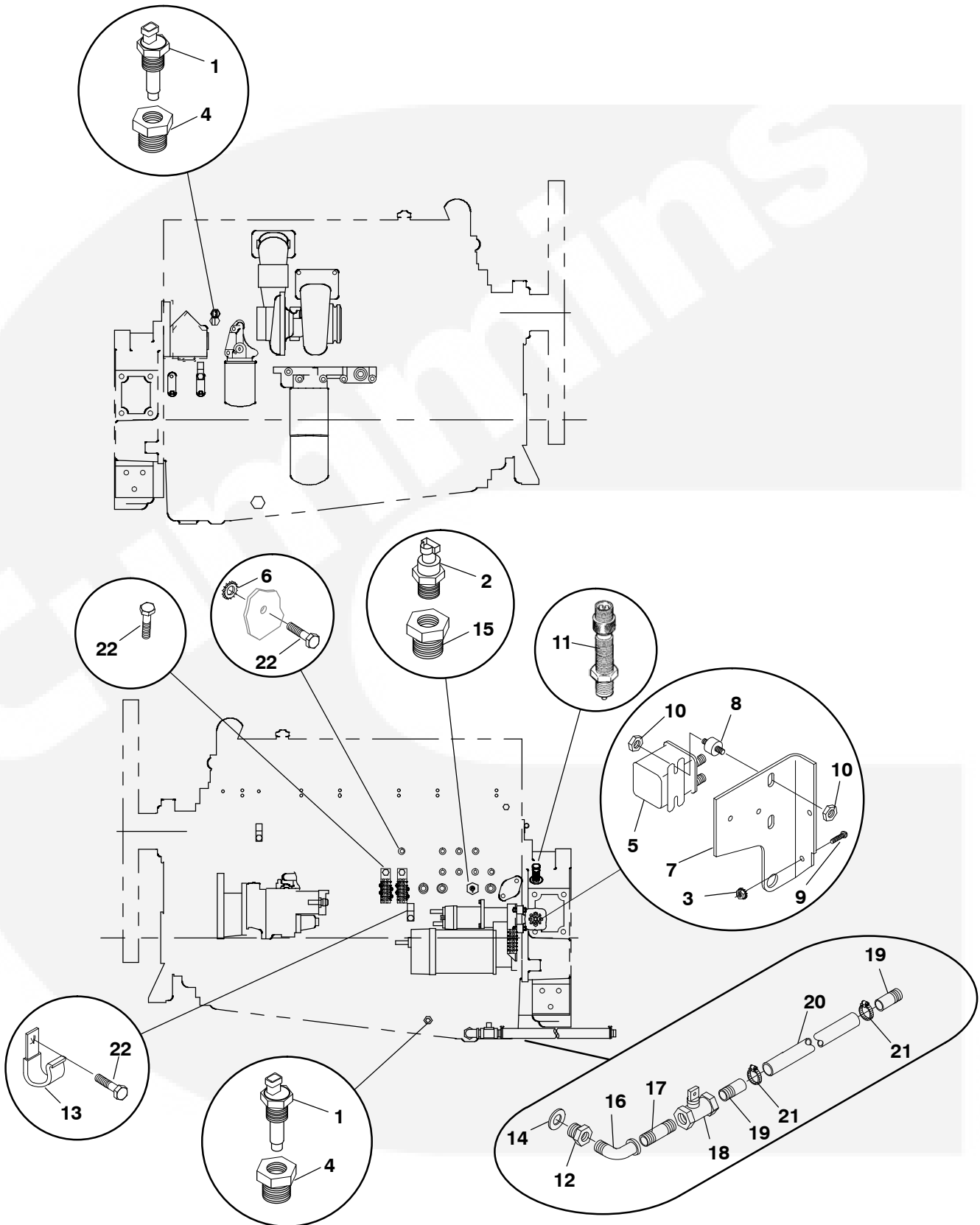


Exhaust Elbow



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2599	1	Elbow, Exhaust (4" OD Without Threads)	3	503-1575-01	1	Clamp, V-Band
2	155-2600-01	1	Elbow, Exhaust (4" OD With Threads)	4	502-0080	1	Plug, Square Head (1/8")
				5	155-0663-01	1	Flange, Companion (4")

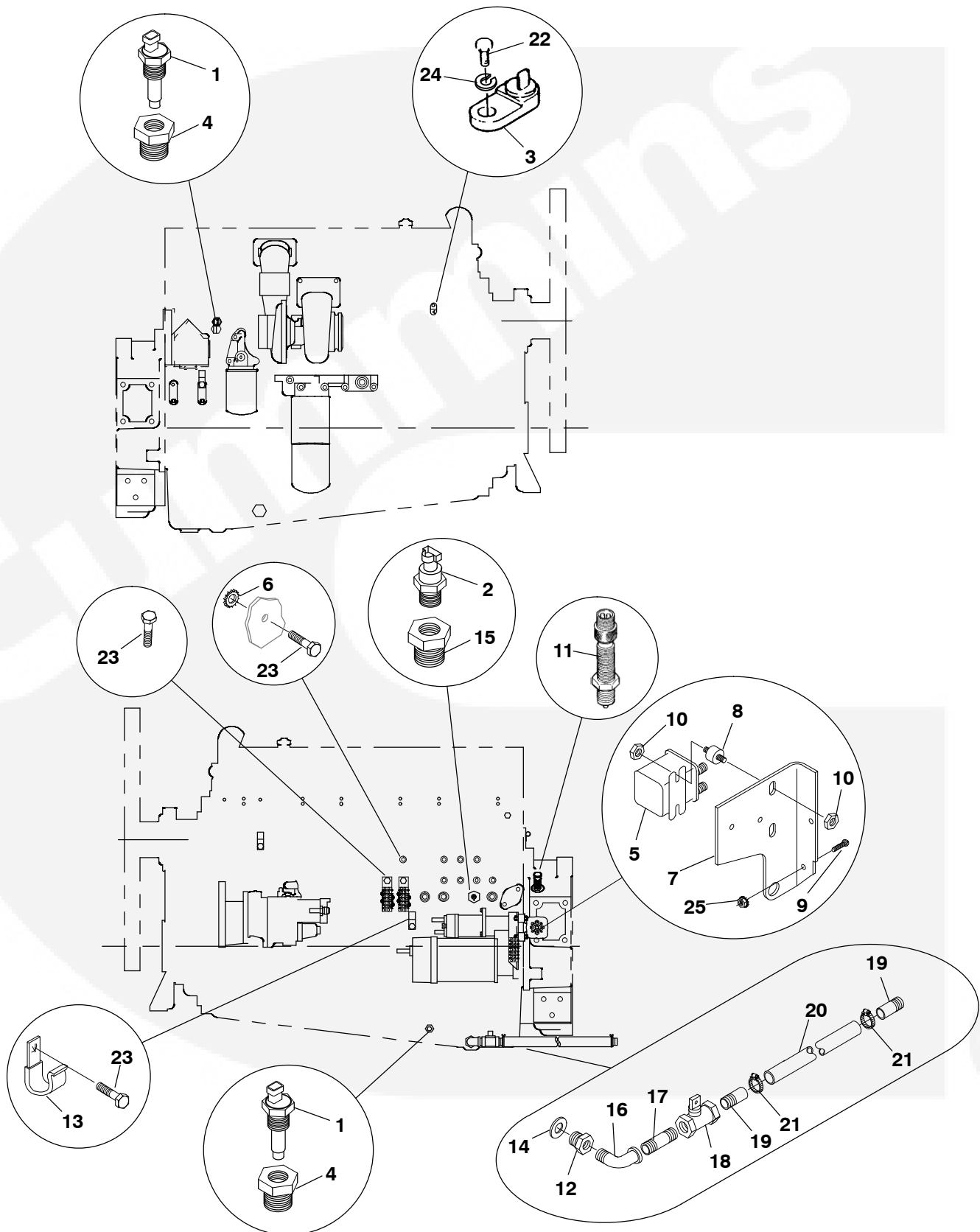
External Engine Parts PCC2100



External Engine Parts PCC2100

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0529-01	1	Sender, Oil Temperature (E2 Engine Block, E4 Oil Pan)	11	151-0411	1	Pickup, Magnetic
2	A028X493	1	Sender, Oil Pressure (S1)	12	102-1335	1	Plug, Oil Drain
3	870-0183	2	Nut, Lock – Hex Head – W/ET Lock Washer (#6-32) Terminal Block Mounting	13	518-0548-02		Clamp, "J"
4	505-0019	1	Bushing, Pipe – Reducer (1/2" to 3/8")	14	508-0292	1	Washer, Sealing – Copper
5	307-2621-02	1	Solenoid, Pilot (K4)	15	502-1217-01	1	Adapter, Female – Brass
6	856-0010	1	Washer, Lock – EIT (3/8")	16	505-0050	1	Elbow, Pipe – Street – 90° (1/2")
7	319-2236	1	Bracket, Mounting	17	505-0100	1	Nipple, Pipe – Close (1/2")
8	402-0610	2	Isolator, Vibration	18	504-0011	1	Valve, Shutoff (1/2")
9	812-0067	2	Screw, Machine – Round Head (#6-32 x 7/8") Terminal Block Mounting	19	502-0827	2	Nipple, Pipe – Half (1/2" x 1-1/2")
10	870-0212	4	Nut, Locking (1/4-20)	20	503-0098	–	Hose, Drain (3/4" ID) – Bulk (Order by the Foot – 3 Feet Required)
				21	503-0189	2	Clamp, Hose
				22	800-2060	3	Screw, Cap – Hex Head (M10 x 20mm)

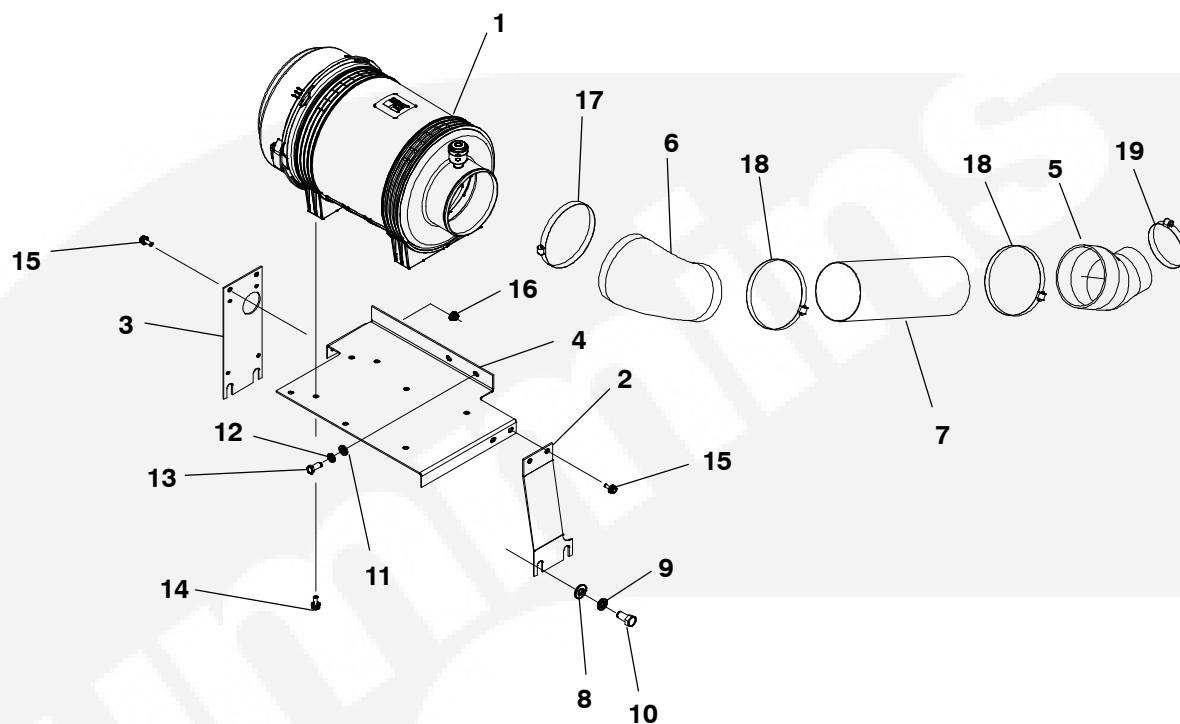
External Engine Parts PCC3100



External Engine Parts PCC3100

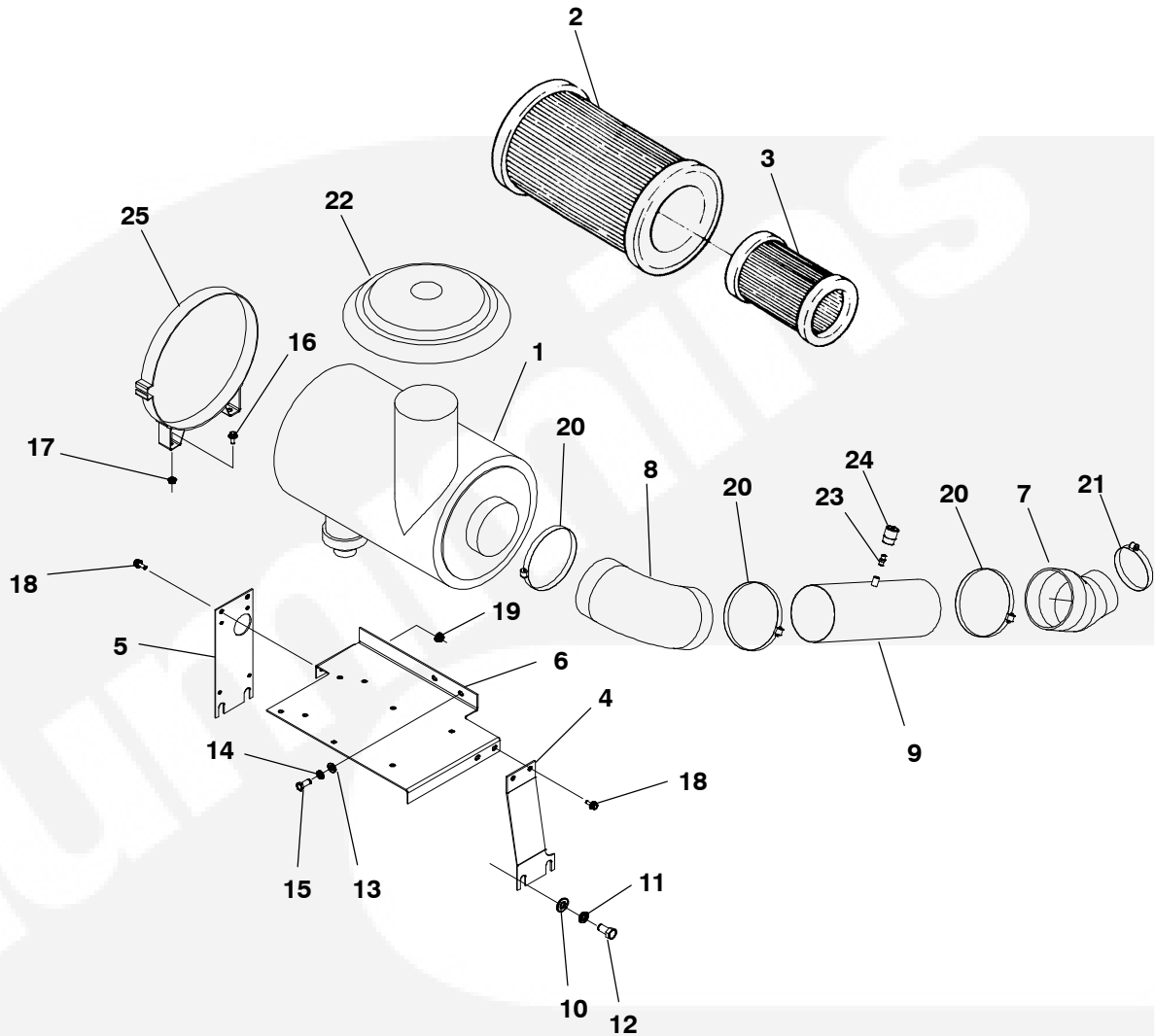
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0432	2	Sender, Oil Temperature (E2 Engine Block, E4 Oil Pan)	14	508-0292	1	Washer, Sealing – Copper
2	A028X493	1	Sender, Oil Pressure (S1)	15	502-1217-01	1	Adapter, Female – Brass
3	309-0269	1	Switch, Temperature – Low Engine Coolant (S4)	16	505-0050	1	Elbow, Pipe – Street – 90° (1/2")
4	505-0019	2	Bushing, Pipe – Reducer (1/2" to 3/8")	17	505-0100	1	Nipple, Pipe – Close (1/2")
5	307-2621-02	1	Solenoid, Pilot (K4)	18	504-0011	1	Valve, Shutoff (1/2")
6	856-0010	1	Washer, Lock – EIT (3/8")	19	502-0827	2	Nipple, Pipe – Half (1/2" x 1-1/2")
7	319-2236	1	Bracket, Mounting	20	503-0098	1	Hose, Drain (3/4" ID)
8	402-0610	2	Isolator, Vibration	21	503-0189	2	Clamp, Hose
9	812-0067	2	Screw, Machine – Round Head (#6-32 x 7/8") Terminal Block Mounting	22	800-2107	1	Screw, Cap – Hex Head (M10 x 150mm)
10	870-0212	4	Nut, Locking (1/4-20)	23	800-2060	3	Screw, Cap – Hex Head (M10 x 20mm)
11	151-0411	1	Pickup, Magnetic	24	850-2010	1	Washer, Lock – Spring (M10)
12	102-1335	1	Plug, Oil Drain	25	870-0183	2	Nut, Lock – Hex Head – W/ET Lock Washer (#6-32)
13	518-0548-02	1	Clamp, "J"				Terminal Block Mounting

Air Cleaner Standard



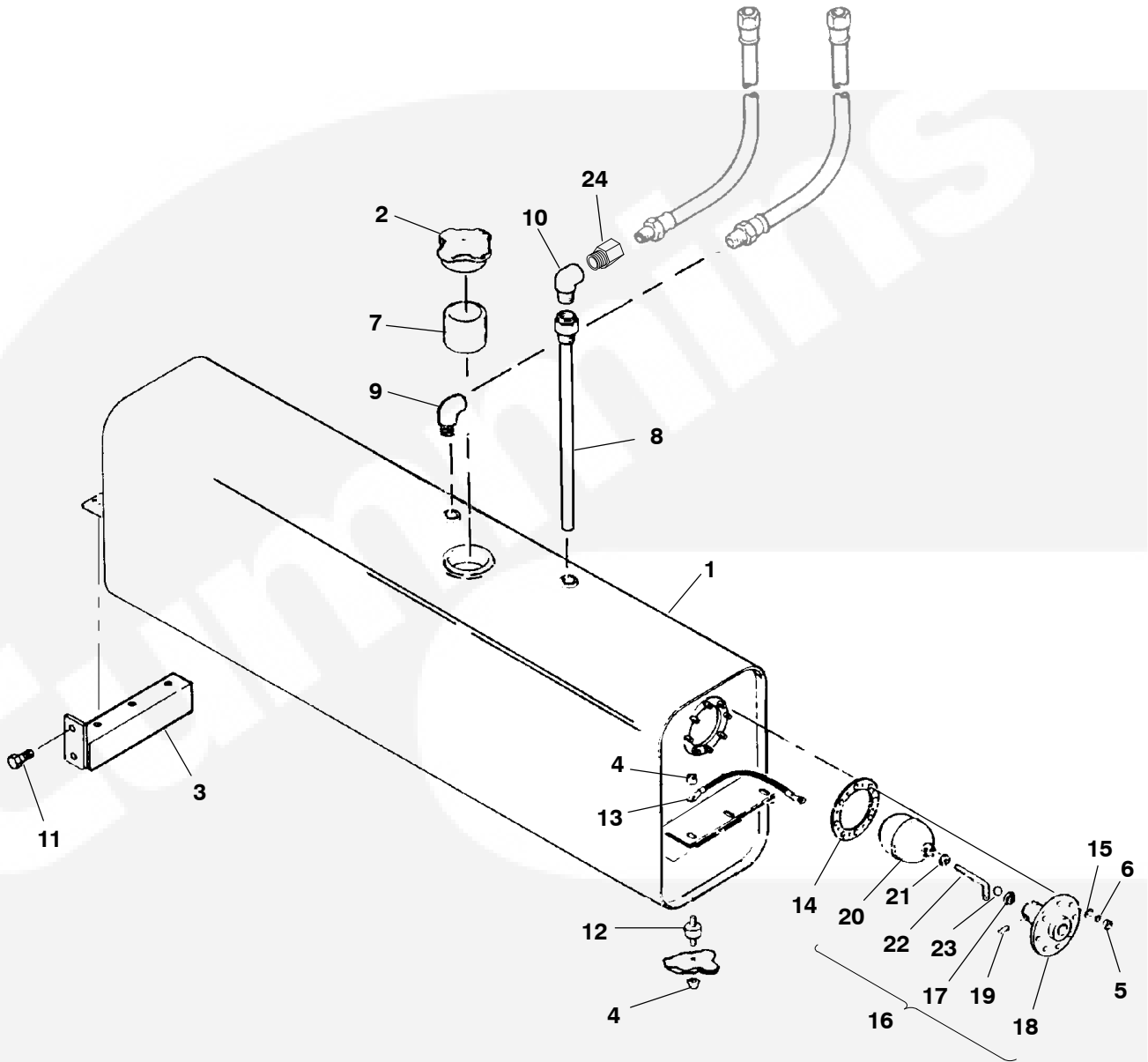
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3288-02	1	Cleaner, Air	12	850-2012	2	Washer, Lock – Split (M12)
2	140-2656	1	Bracket, Air Cleaner	13	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)
3	140-2655	1	Bracket, Air Cleaner	14	821-6003-02	4	Screw, Hex Head (M8 x 1.25 x 20)
4	140-3343-02	1	Bracket, Air Cleaner	15	821-6004-01	4	Screw, Hex Head (M10 x 1.5 x 20)
5	503-2276	1	Elbow, Reducer – 45° (5.5 x 4)	16	870-2065-04	4	Nut, Hex – Flange
6	140-2102	1	Elbow, Reducer – 90° (7 x 5.5)	17	503-1870-14	1	Clamp, Hose
7	140-3362-02	1	Tube, Air Cleaner – Inlet	18	503-1870-11	2	Clamp, Hose
8	526-0112	4	Washer, Flat (5/8)	19	503-1870-07	1	Clamp, Hose
9	850-0070	4	Washer, Lock – Split (5/8)				
10	800-0130	4	Screw, Cap – Hex Head (M12 x 1.75 x 25)				
11	526-2140	2	Washer, Flat (M12)				

Air Cleaner Heavy Duty



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-2637	1	Cleaner, Air (Includes Elements)	15	800-2111	2	Screw, Cap – Hex Head (M12 x 1.75 x 25)
2	140-2636	1	Element, Filter (Outer)	16	821-6003-02	4	Screw, Hex Head (M8 x 1.25 x 20)
3	140-2638	1	Element, Filter (Inner)	17	870-2065-03	4	Nut, Hex – Flange (M8 x 1.5)
4	140-2656	1	Bracket, Air Cleaner	18	821-6004-01	4	Screw, Hex Head (M10 x 1.5 x 20)
5	140-2655	1	Bracket, Air Cleaner	19	870-2065-04	4	Nut, Hex – Flange
6	140-3343-02	1	Bracket, Air Cleaner	20	503-1870-11	3	Clamp, Hose
7	503-2276	1	Elbow, Reducer – 45° (5.5 x 4)	21	503-1870-07	1	Clamp, Hose
8	140-1415	1	Elbow – 90°	22	140-1347	1	Cap, Air Cleaner
9	140-3388-02	1	Tube, Air Cleaner – Inlet	23	140-1260	1	Fitting, Safety Filter
10	526-0112	4	Washer, Flat (5/8)	24	140-1548	1	Indicator, Service
11	850-0070	4	Washer, Lock – Split (5/8)	25	140-0757	1	Clamp, Air Cleaner
12	800-0130	4	Screw, Cap – Hex Head (M12 x 1.75 x 25)				
13	526-2140	2	Washer, Flat (M12)				
14	850-2012	2	Washer, Lock – Split (M12)				

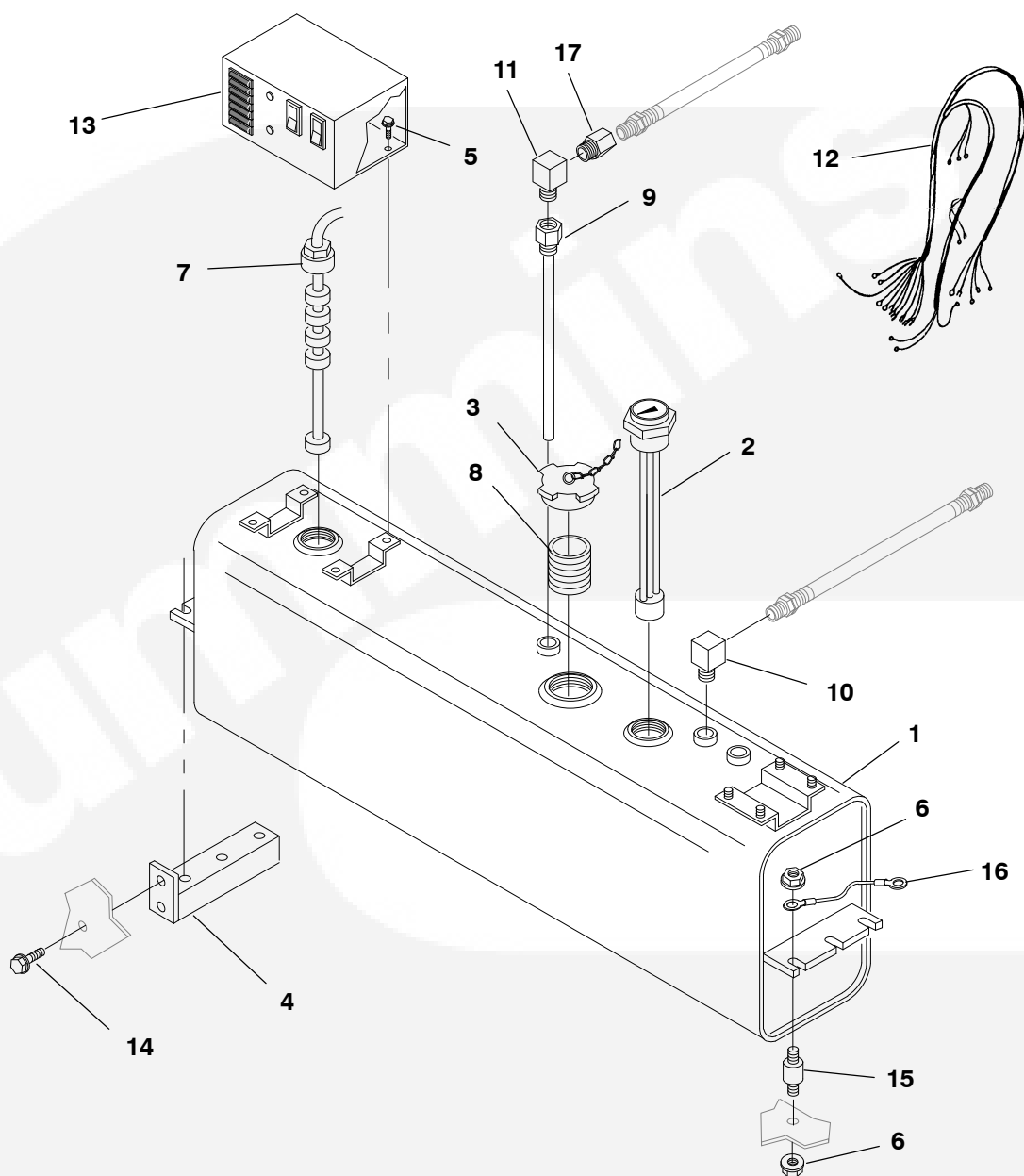
Day Tank Without Pump and Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0728	1	Tank, Day (19 Gallons)	14	415-0660	1	Gasket
2	159-1208	1	Cap, Fuel	15	526-0008	8	Washer, Flat (#10)
3	159-1299	1	Bracket, Mounting	16	415-0657	1	Valve Assembly, Float (Includes Parts Marked *)
4	870-0212	9	Nut, Locking - Hex Head (1/4-20)	17	415-0656-21	1	*Seal, Ring
5	867-0028	8	Nut, Hex (#10-32)	18	415-0650-01	1	*Body, Valve
6	853-1008	8	Washer, Lock - W/ET (#10)	19	415-0651-19	1	*Pin, Roll
7	505-0172	1	Nipple, Pipe - Close (2")	20	415-0652	1	*Ball, Float
8	415-0566-15	1	Pipe, Suction	21	864-0011	1	*Nut, Jam (1/4-20)
9	505-0120	1	Elbow, Street - 90° (3/8")	22	415-0654	1	*Arm, Float
10	505-0050	1	Elbow, Street - 90° (1/2")	23	415-0655	1	*Ball, Steel
11	821-0030	2	Screw, Self-Locking - Hex Washer Head (3/8-16 x 1")	24	505-0248	1	Elbow, Street (1/2" x 45°)
12	402-0610	6	Isolator, Vibration				
13	337-2402	1	Cable, Ground (5-1/2")				

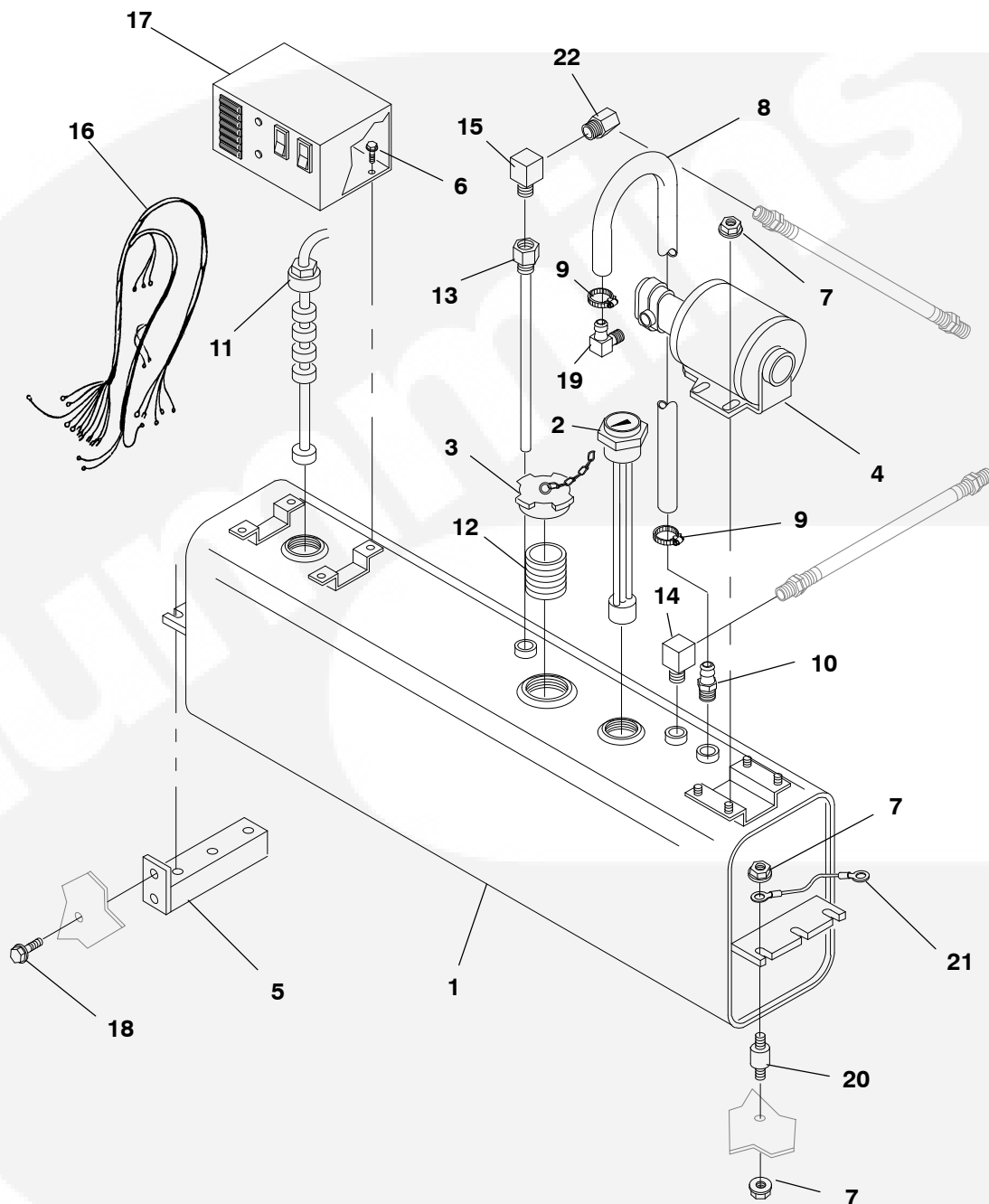
* - Parts Included in 415-0657 Float Valve Assembly

Day Tank With Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0727	1	Tank, Day (19 Gallons)	11	505-0050	1	Elbow, Pipe – Street (1/2" x 90°)
2	415-0565-15	1	Gauge, Liquid Level	12	338-2809	1	Harness, Wiring – Fuel Tank Control to Starter (2 Wire, 70")
3	159-1208-01	1	Cap, Fuel	13	625-2141-01	1	Control, Fuel Tank (See Separate Page For Components)
4	159-1299	1	Bracket, Mounting	14	821-0030	2	Screw, Self-Locking – Hex Washer Head (1/4-20 x 5/8")
5	821-5002-04	4	Screw, Self-Locking – Hex Washer Head (1/4-20 x 5/8")	15	402-0610	6	Isolator, Vibration
6	870-0212	9	Nut, Locking – Hex Head (1/4-20)	16	337-2402	1	Cable, Ground (5-1/2")
7	308-0913-06	1	Switch, Float (5 Float)	17	505-0248	1	Elbow, Street (1/2" x 45°)
8	505-0172	1	Nipple, Pipe – Close (2")				
9	415-0566-15	1	Pipe, Suction				
10	505-0120	1	Elbow, Pipe – Street (3/8" x 90°)				

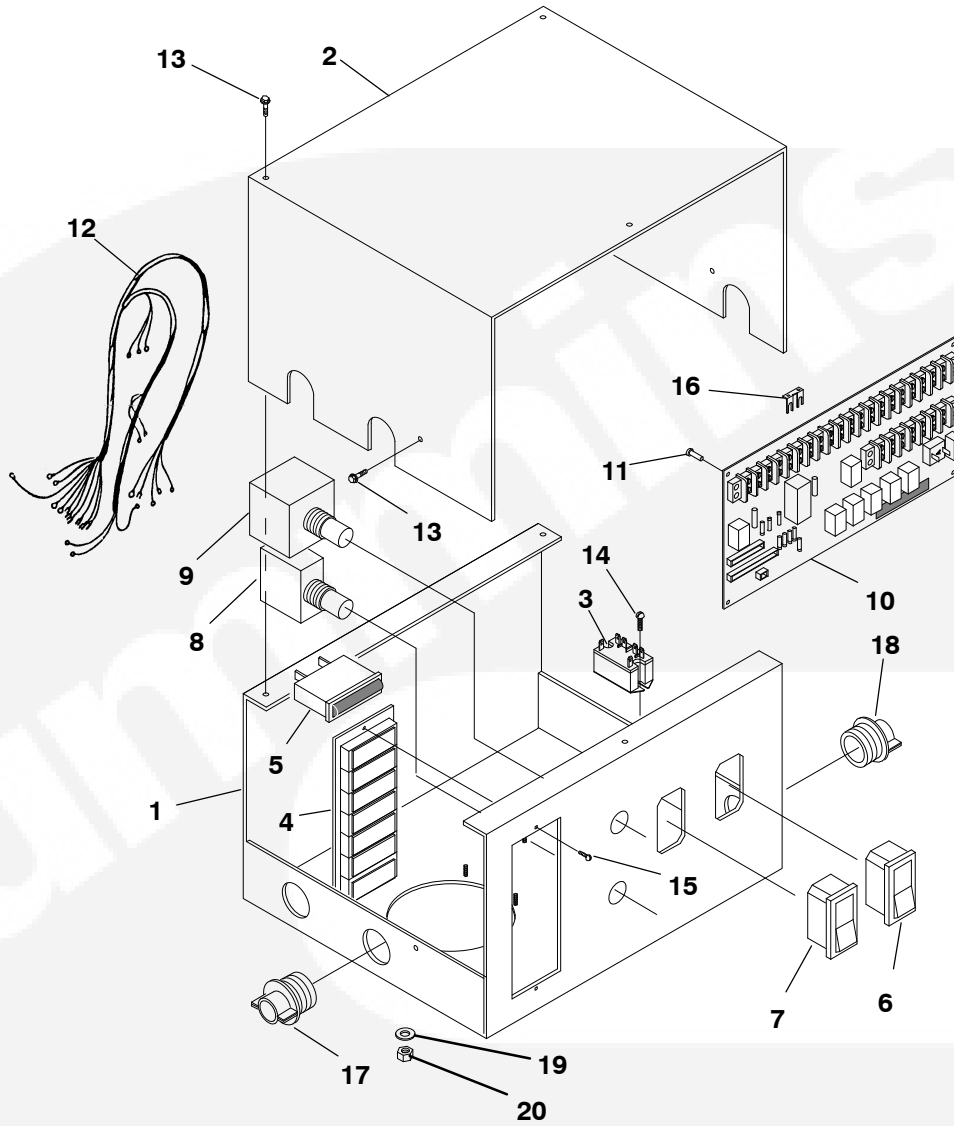
Day Tank With Pump and Control



Day Tank With Pump and Control

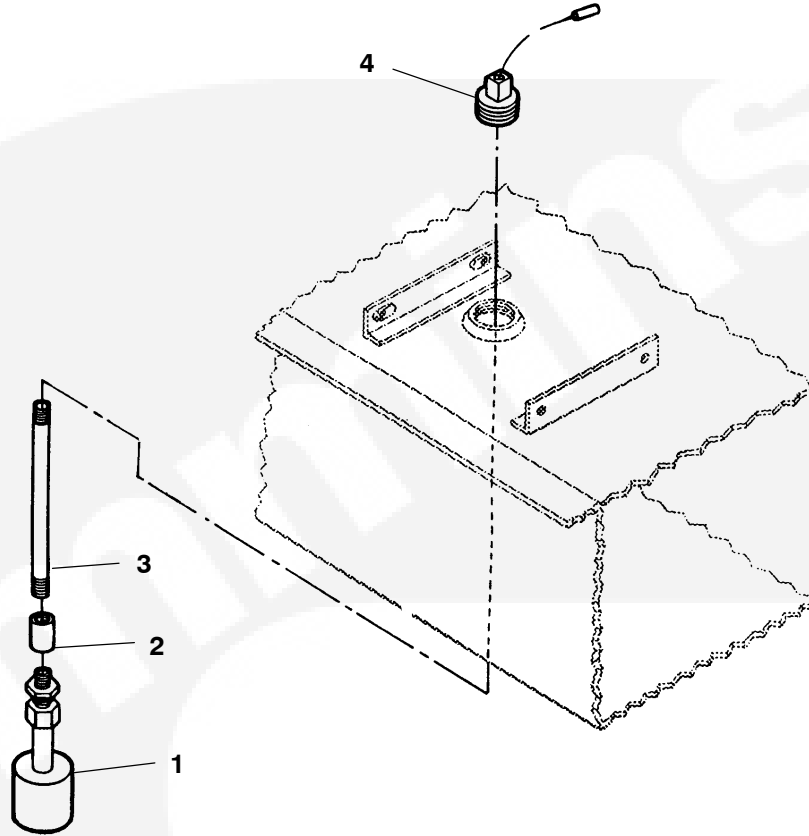
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0727	1	Tank, Day (19 Gallons)	9	503-0183	2	Clamp, Hose
2	415-0565-15	1	Gauge, Liquid Level	10	502-0943	1	Connector, Hose
3	159-1208	1	Cap, Fuel	11	308-0913-06	1	Switch, Float (5 Float)
4	399-0117	1	Pump, Fuel Transfer (Includes Coupler) (P103)	12	505-0172	1	Nipple, Pipe – Close (2")
	399-0121	1	Kit, Repair – Fuel Tank Pump (Includes Lip Seal, Bearings, Gasket, Drive Gear, Idle Gear and Coupler) (Not Illustrated)	13	415-0566-15	1	Pipe, Suction
	399-0122	1	Coupler, Pump (Drive Piece Between Motor and Pump) (Not Illustrated)	14	505-0120	1	Elbow, Pipe – Street (3/8" x 90°)
	399-0123	1	Pump (Not Illustrated)	15	505-0050	1	Elbow, Pipe – Street (1/2" x 90°)
	399-0124	1	Motor (Not Illustrated)	16	338-2800	1	Harness, Wiring
5	159-1299	1	Bracket, Mounting		338-2809	1	Fuel Transfer Pump to Fuel Tank Control (5 Wire, 49-1/2")
6	821-5002-04	4	Screw, Self-Locking – Hex Washer Head (1/4-20 x 5/8")				Fuel Tank Control to Starter (2 Wire, 70")
7	870-0212	13	Nut, Locking – Hex Head (1/4-20)	17	625-2141-01	1	Control, Fuel Tank (See Separate Page For Components)
8	503-1660-04	1	Hose, Fuel (5/8" ID x 18")	18	821-0030	2	Screw, Self-Locking – Hex Washer Head (3/8-16 x 1")
				19	502-0942	1	Elbow, Hose – Brass – Barbed
				20	402-0610	6	Isolator, Vibration
				21	337-2402	1	Cable, Ground (5-1/2")
				22	505-0248	1	Elbow, Pipe – Street (1/2" x 45°)

Fuel Tank Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	625-2141-01	1	Control, Fuel Tank – Complete (Includes Parts Listed Below)	10	300-3464	1	Board, Printed Circuit
1	319-4530	1	Box, Control	11	870-0458	4	Spacer, Board – Printed Circuit
2	319-4534	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	A041T419	1	Breaker, Circuit – AC (Double Pole) (CB101)	19	856-0002	1	Washer, Lock
				20	860-0008	1	Nut

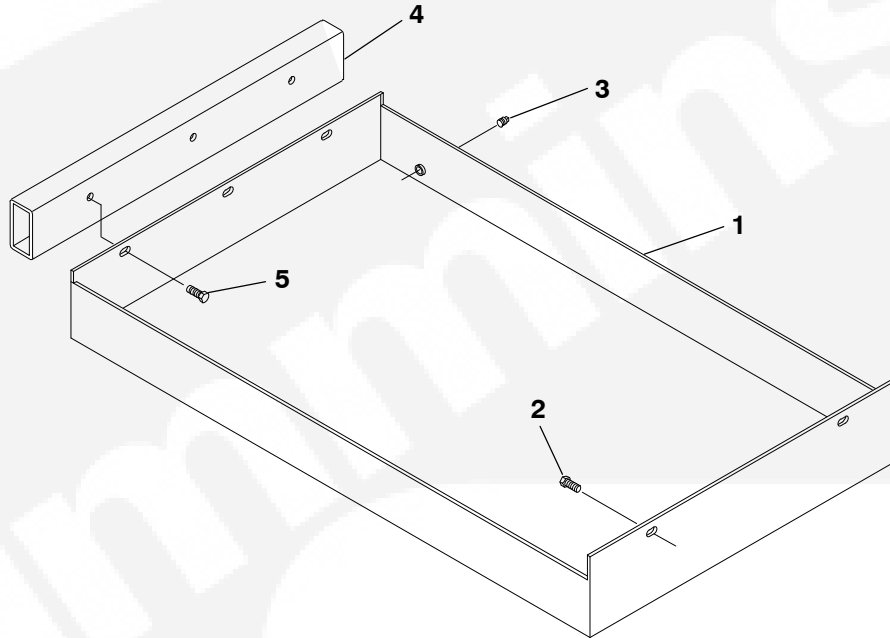
Low Fuel Alarm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0963-01	1	Switch, Basin
2	505-0026	1	Coupling, Pipe (1/8")

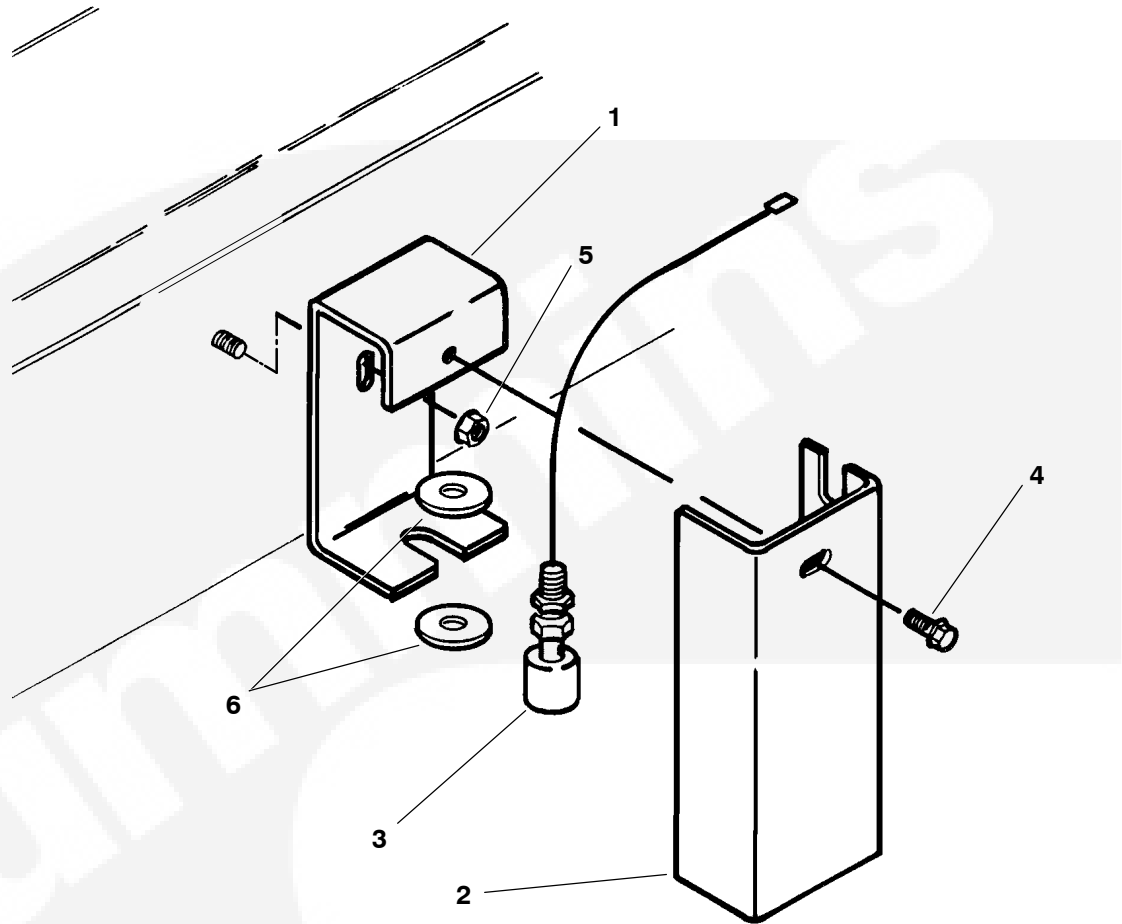
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	505-1458-04		Nipple, Pipe (1/8")
4	505-1050-01	1	Plug, Pipe - Square Head (1-1/4")

Rupture Basin



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1390	1	Basin, Rupture	4	130-3660-01	1	Spacer, Shock Absorber
2	815-0236	2	Screw, Cap – Hex Head – Thread Forming (5/16–18 x 5/8")	5	815-0836	3	Screw, Cap – Hex Head – Thread Forming (5/16–18 x 1-1/2")
3	505-0055	1	Plug, Pipe – Square Head (1/4")				

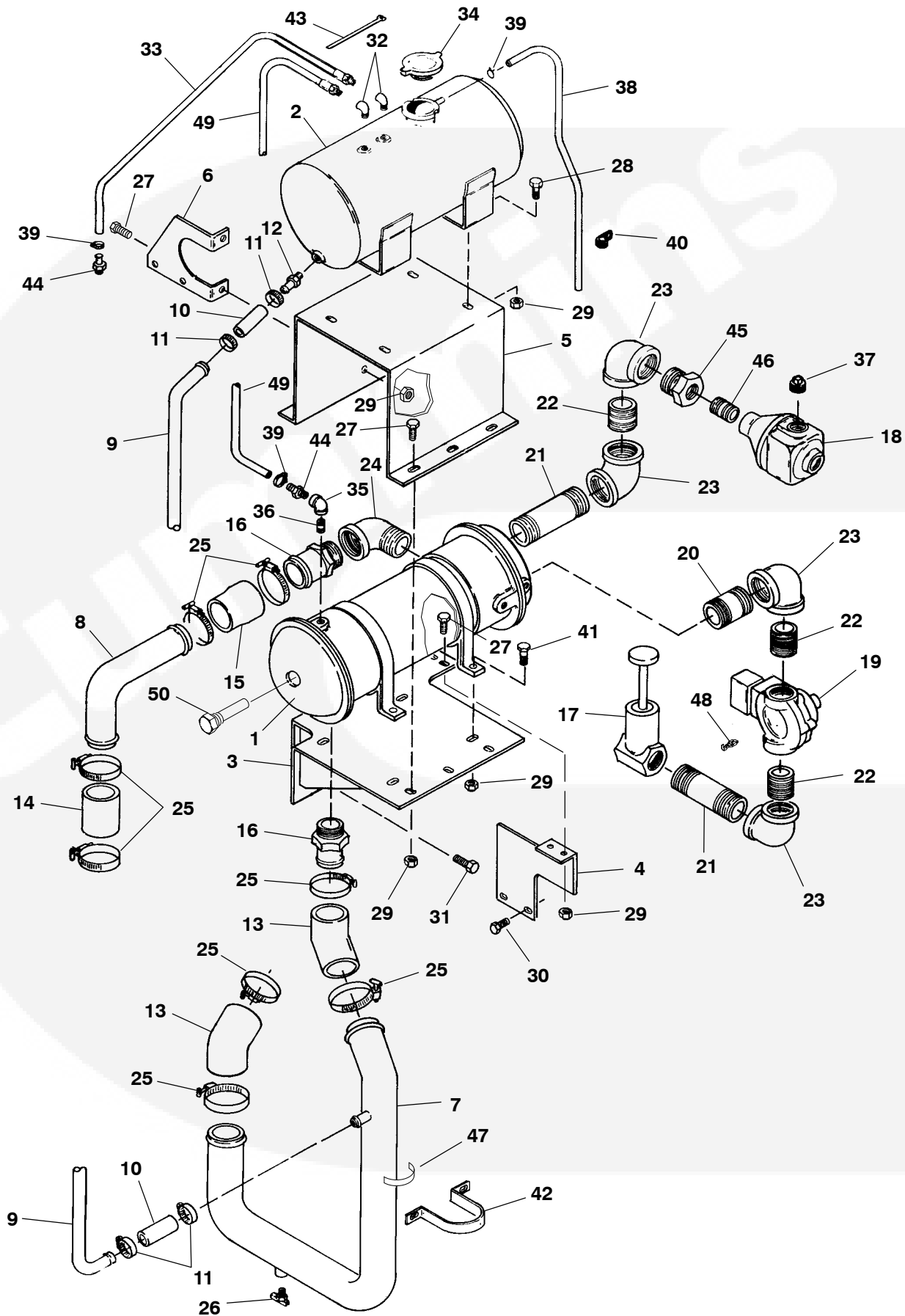
Float Switch



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-0490	1	Bracket, Mounting
2	319-0489	1	Cover, Switch
3	308-0916-01	1	Switch, Float - Basin
4	821-5002-03	1	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	870-0257	1	Nut, Locking - Hex Flange (5/16-18)
6	526-0029	2	Washer, Flat (3/8")

Heat Exchanger



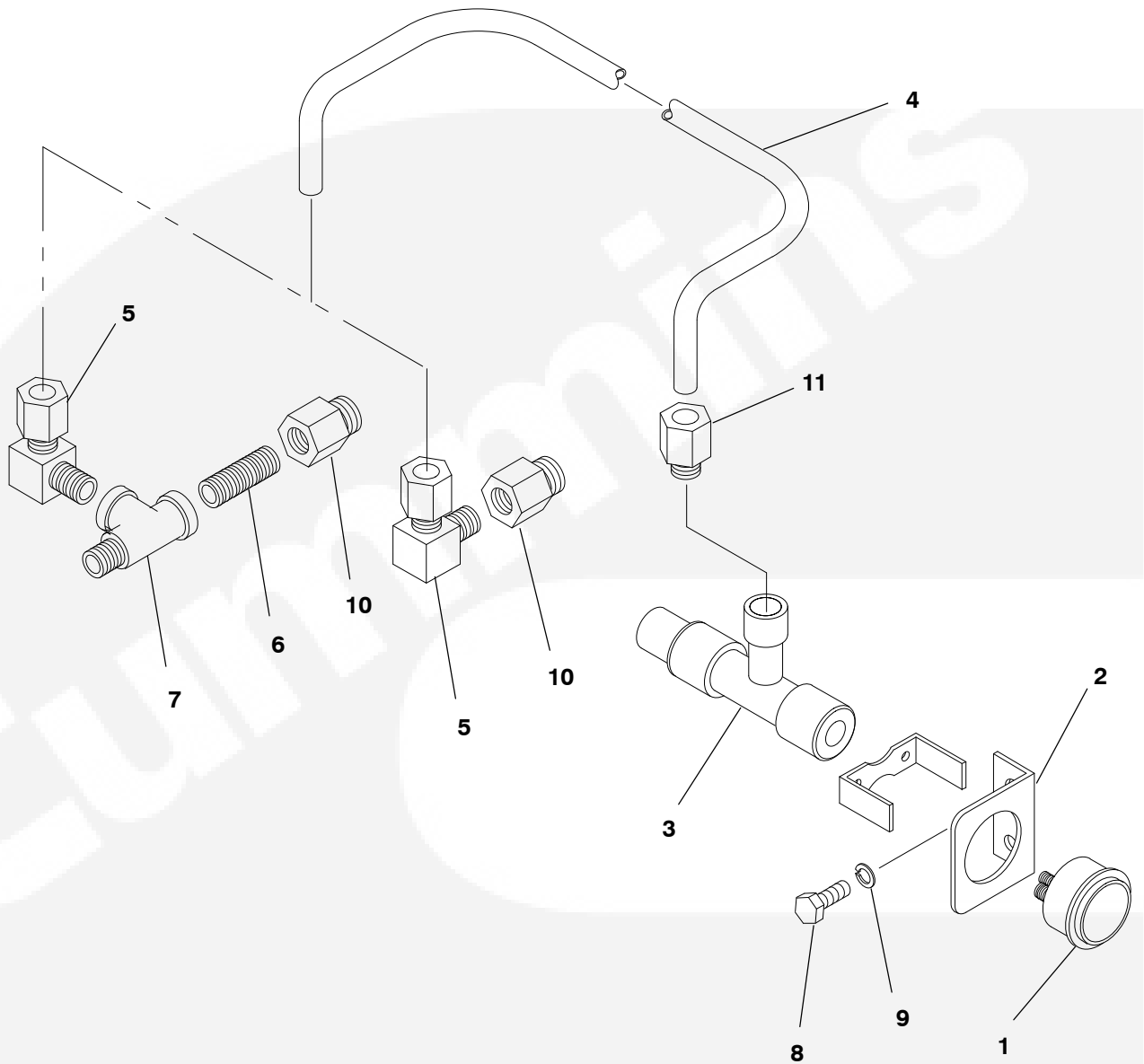
Heat Exchanger

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3970	1	Exchanger, Heat (Includes Anode)	29	870-0281	17	Nut, Lock (3/8-16)
2	130-3969	1	Tank, Expansion	30	821-2060	2	Screw, Self-Locking - Hex Washer Head (M10 x 20mm)
3	130-3980	1	Bracket, Mounting - Heat Exchanger	31	800-2112	3	Screw, Cap - Hex Head (M12 x 30mm)
4	130-3978	1	Bracket, Support - Heat Exchanger	32	505-0011	2	Elbow, Pipe - Street - 90° (1/4")
5	130-3968	1	Bracket, Mounting - Expansion Tank	33	501-0551	1	# Line, Flexible (1/4" x 24-1/2")
6	130-3979	1	Bracket, Support - Expansion Tank	34	130-0449	1	Cap, Expansion Tank
7	130-3981	1	Tube, Heat Exchanger (2-1/2" OD)	35	505-1043	1	Elbow, Pipe - Reducer - 90° (1/4" to 1/8")
8	130-3975	1	Tube, Heat Exchanger (2-1/4" OD)	36	505-0099	1	Nipple, Pipe (1/4")
9	130-3976	1	Tube, Heat Exchanger (1" OD)	37	505-0140	1	Plug, Pipe - Square Head (1")
10	503-1634	2	Hose, Rubber (1" x 4")	38	501-0568	1	Hose, Overflow (1/4" x 91")
11	503-0189	4	Clamp, Hose	39	503-0685	3	Clamp, Hose
12	502-0971	1	Connector, Hose - Beaded (3/4")	40	518-0548-08	2	Clip, Retaining - Insulated
13	503-1811	2	Elbow, Radiator - 30° (2-1/2" ID)	41	800-0051	4	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
14	503-1379-02	1	Hose, Rubber (2-1/4" x 4-1/2")	42	130-4066	1	Bracket, Retaining - Heat Exchanger Tube
15	503-1068	1	Hose, Reducer (2-1/2" to 2-1/4")	43	332-0941	1	Tie, Cable (Quantity Used As Required)
16	130-3977	2	Connector, Hose	44	502-0395	2	Connector, Hose (1/8")
17	504-0057	1	Valve, Gate	45	505-0394	1	*Bushing, Reducer (2" to 1")
18	505-1301	1	Valve, Water Saver (Not Used On All Models)	46	505-0004	1	*Nipple, Pipe - Close (1")
19	307-0844	1	Valve, Solenoid - Water	47	895-0170	-	Tape - Bulk (3/8" x 3/4") (Order By The Foot - 1 Foot Required)
20	505-0645	1	Nipple, Pipe (2" x 3")	48	332-2431	2	Terminal, Connector (Water Solenoid Valve Leads)
21	505-2425	2	Nipple, Pipe (2" x 6")	49	501-0551	1	# Line, Flexible (1/4" x 17-1/2")
22	505-0172	3	Nipple, Pipe (2" x 2")	50	130-4840	1	Anode, Zinc
23	505-0175	4	Elbow, Pipe - 90° (2")	51	338-4991	1	Harness, Valve (Not Illustrated)
24	505-0201	1	Elbow, Pipe - Street - 90° (2")				
25	503-1870-04	8	Clamp, Hose				
26	504-0028	1	Cock, Drain (3/8")				
27	821-0030	9	Screw, Self-Locking - Hex Washer Head (3/8-16 x 1")				
28	821-0034	4	Screw, Self -Locking - Hex Washer Head (3/8-16 x 5/8")				

#-Cut Off and Discard The Non-Swiveling End of the Hose Leaving the Length as Indicated Above

*-Used On Sets With Water Saver Valve

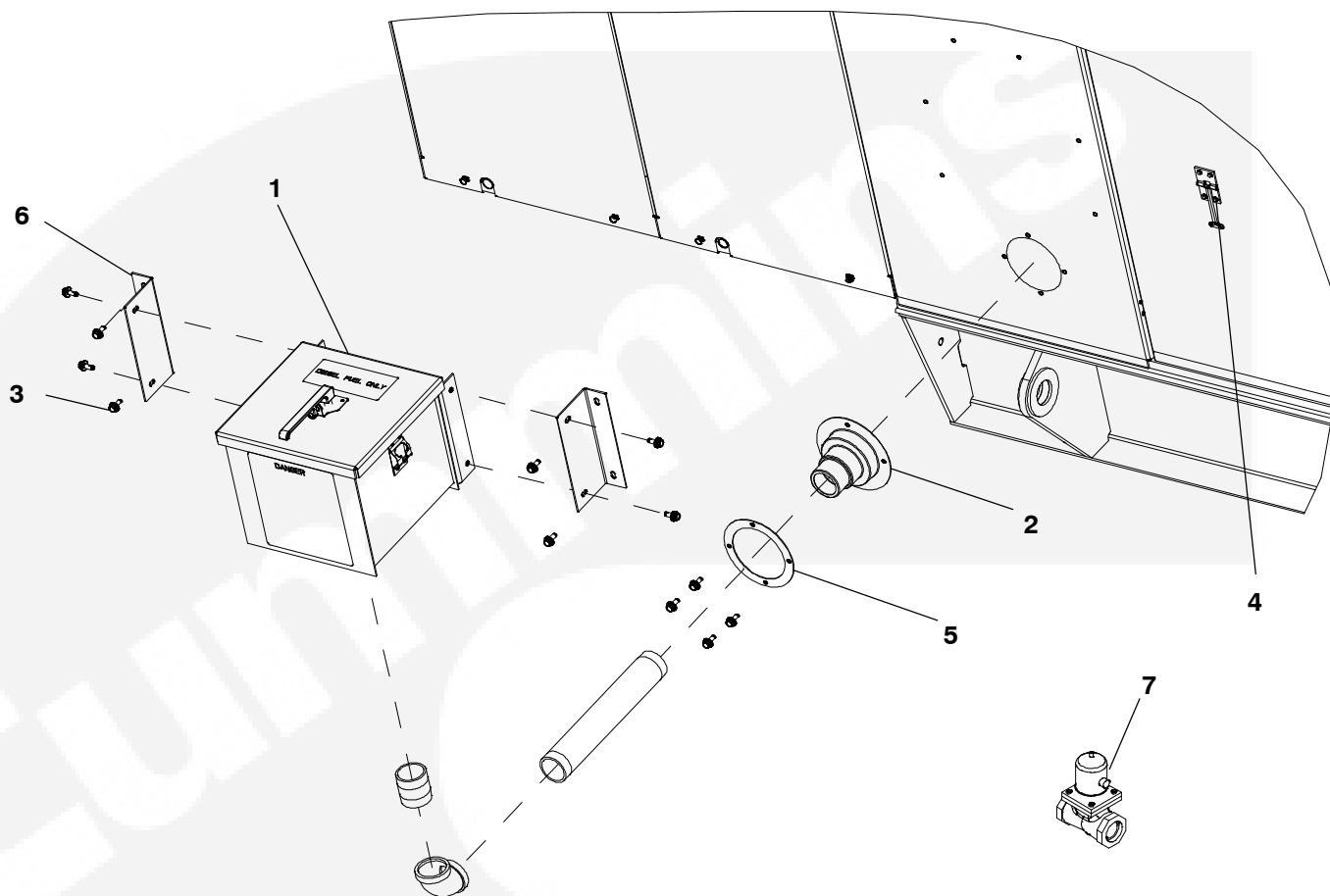
Fuel Pressure Gauge



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0540	1	Gauge, Fuel Pressure (Includes Mounting Hardware)
2	193-0029	1	Bracket, Mounting
3	504-0064	1	Valve, Tee (1/8")
4	149-2291-01	1	Tube, Copper (7')
5	502-0034	1	Elbow, Compression - 90° (Includes Nut and Ring)
6	505-0098	1	Nipple, Pipe - Close (1/8")
7	502-1226	1	Tee, Male Run - Brass (1/8")

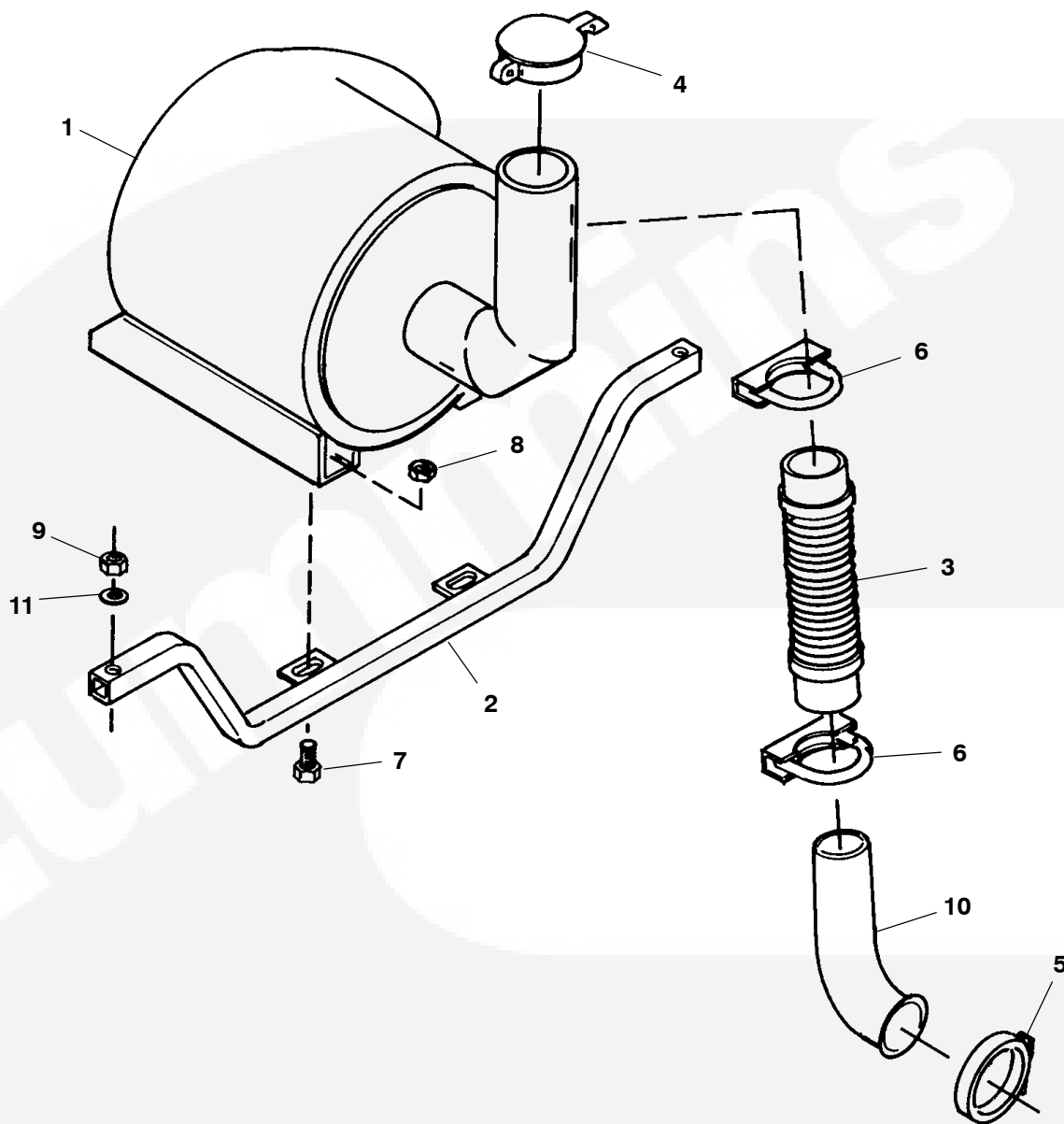
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	800-0218	1	Screw, Cap - Hex Head (9/16-18 x 7/8")
9	850-0065	1	Washer, Lock - Spring (9/16")
10	502-1302	1	Adapter, Female Pipe - Brass (1/8" x 1/2-20)
11	502-0067	2	Connector, Compression - Male
12	140-1260-01	1	Fitting, Safety Filter (Not Illustrated)

Fuel System Kit – With OFPV



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1590	1	Box	5	130-6018-02	1	Plate, Normal Vent Support
2	155-4146	1	Shield, Normal Vent Rain	6	148-1279-02	2	Bracket
3	821-6007-02	8	Screw, Hex Head	7	A044G867	1	Valve, Solenoid
4	800-6294	4	Screw, Hex Flange Head				

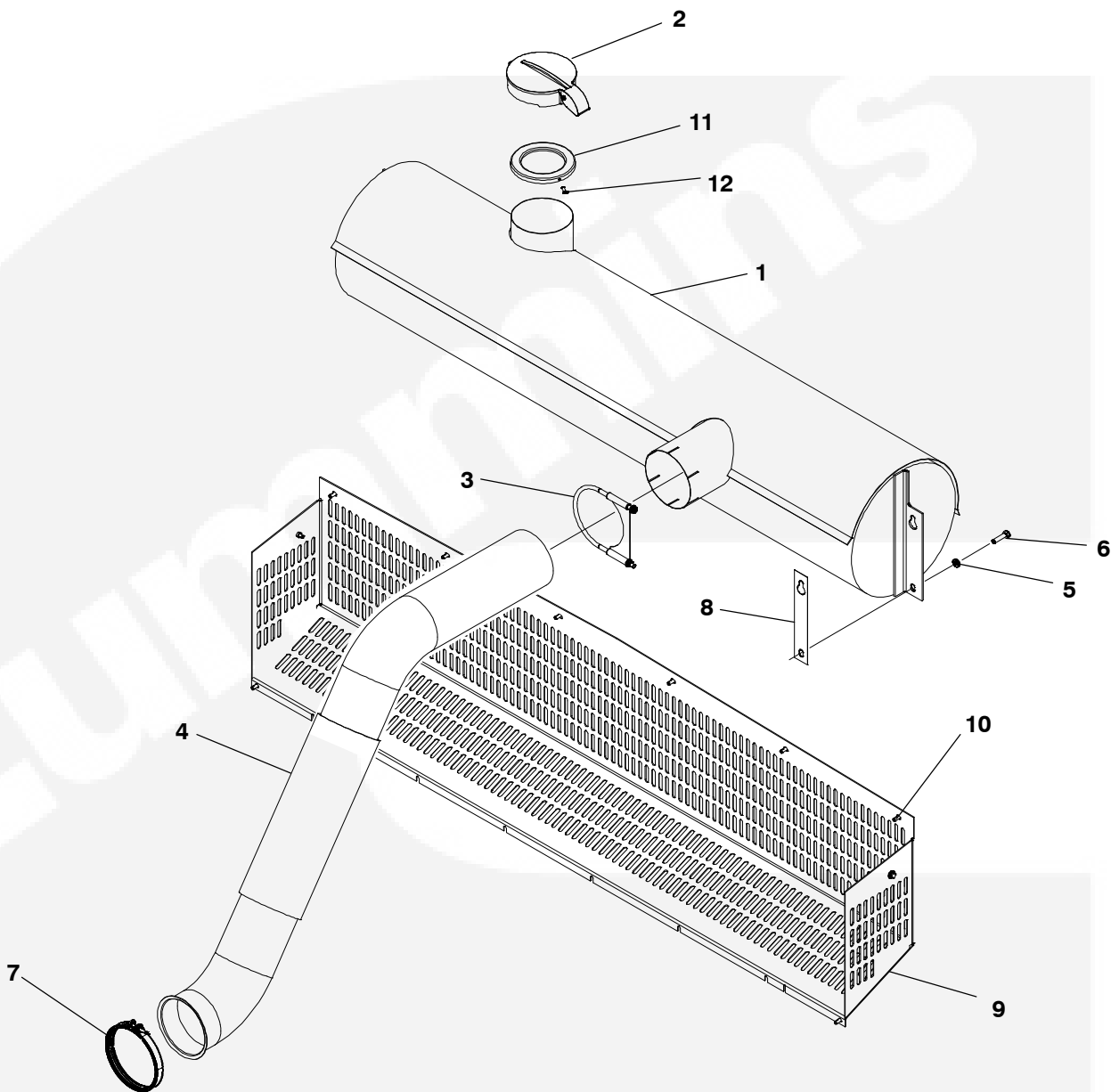
Muffler **Without Enclosure or With F184 Enclosure**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2583	1	Muffler
2	155-2582	2	Bracket, Mounting
3	155-2584	1	Tubing, Flexible
4	155-2062-05	1	Cap, Rain
5	503-1575-01	1	Clamp, V-Band
6	155-2305	2	Clamp, Muffler
7	821-0033	4	Screw, Self-Locking - Hex Washer Head (7/16-14 x 3/4")

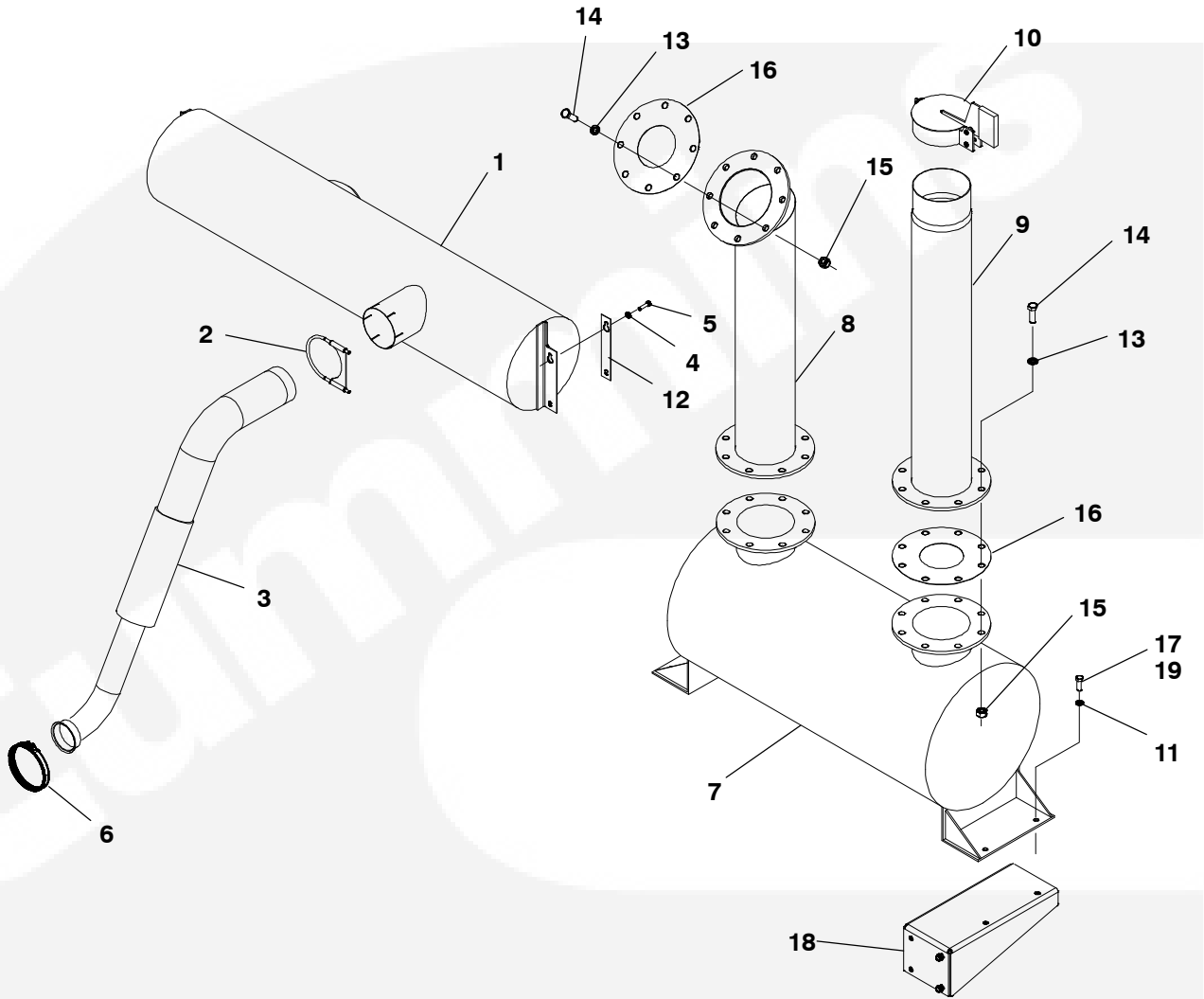
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	870-0437	4	Nut, Lock (7/16-14)
9	870-0453	4	Nut, Lock - Nylon (3/8-16)
10	155-2599	1	Elbow
11	526-0026	4	Washer, Flat (3/8")

Muffler
F200, F201, F203, F204
Weather Protective, Level I Sound Enclosure



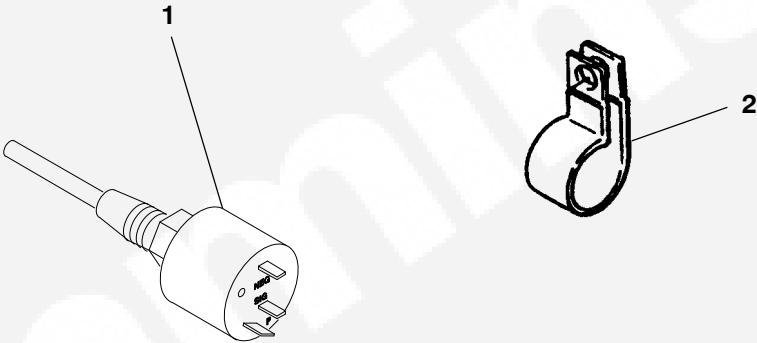
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-4022	1	Muffler	9			Guard, Muffler
2	155-2062-06	1	Cap, Rain		155-4162	1	Aluminum
3	155-3543	1	Clamp, Exhaust		155-4059-02	1	Steel
4	155-4052	1	Pipe, Exhaust	10	821-6007-02	10	Screw, Hex Head (M8 x 1.25 x 20)
5	526-0174	6	Washer, Flat	11	155-4258	1	Muffler (Insert Restrictor)
6	800-2089	6	Screw, Cap - Hex Head (M10 x 1.5 x 40)	12	800-6294	3	Screw, Flat Head Hex - Thread Forming (#8-18 x 5/8")
7	503-1575-01	1	Clamp, V-Band				
8	155-4064	2	Gasket, Muffler				

**Muffler
Critical
F202, F204
Level II Sound Enclosure**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-4062	1	Muffler	12	155-4064	2	Gasket, Muffler
2	155-3543	1	Clamp, Exhaust	13	850-0079	24	Washer, Spring – Lock (3/4)
3	155-4052	1	Pipe, Exhaust	14	800-0156	24	Screw, Cap – Hex Head (3/4-10 x 2.25)
4	526-0174	6	Washer, Flat	15	862-0008-01	24	Nut, Hex – Heavy (3/4-10)
5	800-2089	6	Screw, Cap – Hex Head (M10 x 1.5 x 40)	16	155-2500	3	Gasket, Exhaust
6	503-1575-01	1	Clamp, Hose	17	800-2111	4	Screw, Cap – Hex Head (M12 x 1.75 x 25) – 48 and 72 Hour Tank
7	155-4047	1	Muffler – Critical	18	155-4048-02	2	Bracket, Muffler) – 12 and 24 Hour Tank
8	155-4045	1	Pipe, Exhaust (8" x 45°)	19	800-2114	8	Screw, Cap – Hex Head (M12 x 1.75 x 40) – 12 and 24 Hour Tank
9	155-4026	1	Tailpipe, Exhaust (8")				
10	155-3554	1	Cap, Rain				
11			Washer, Flat (M12)				
	526-2140	4	48 and 72 Hour Tank				
	526-2140	8	12 and 24 Hour Tank				

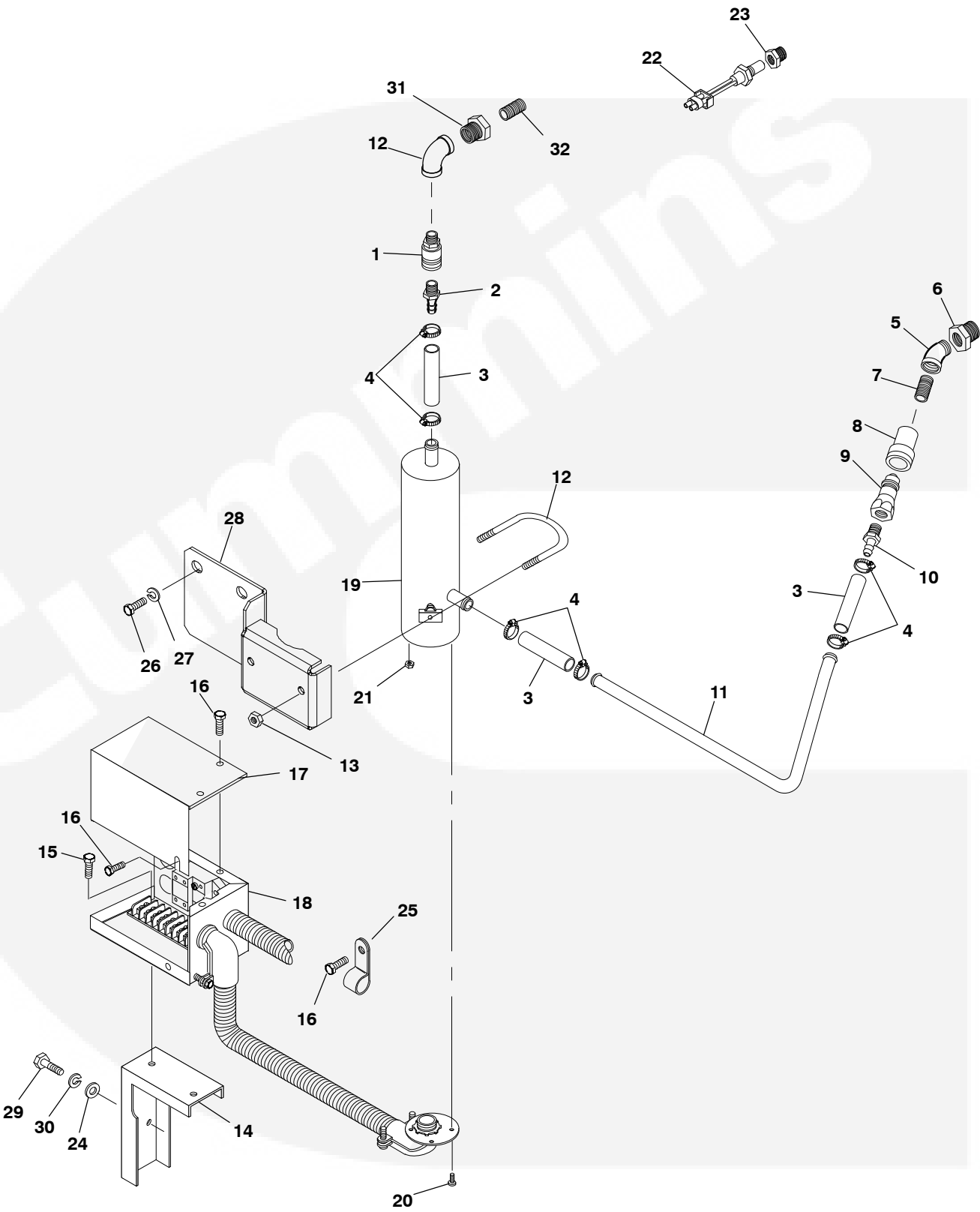
Low Coolant Level Sender



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Sender, Low Coolant Level
	193-0481	1	PCC3100
	193-0486	1	PCC2100

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	518-0548-08 A/R		Clip

Coolant Heater
Spec M

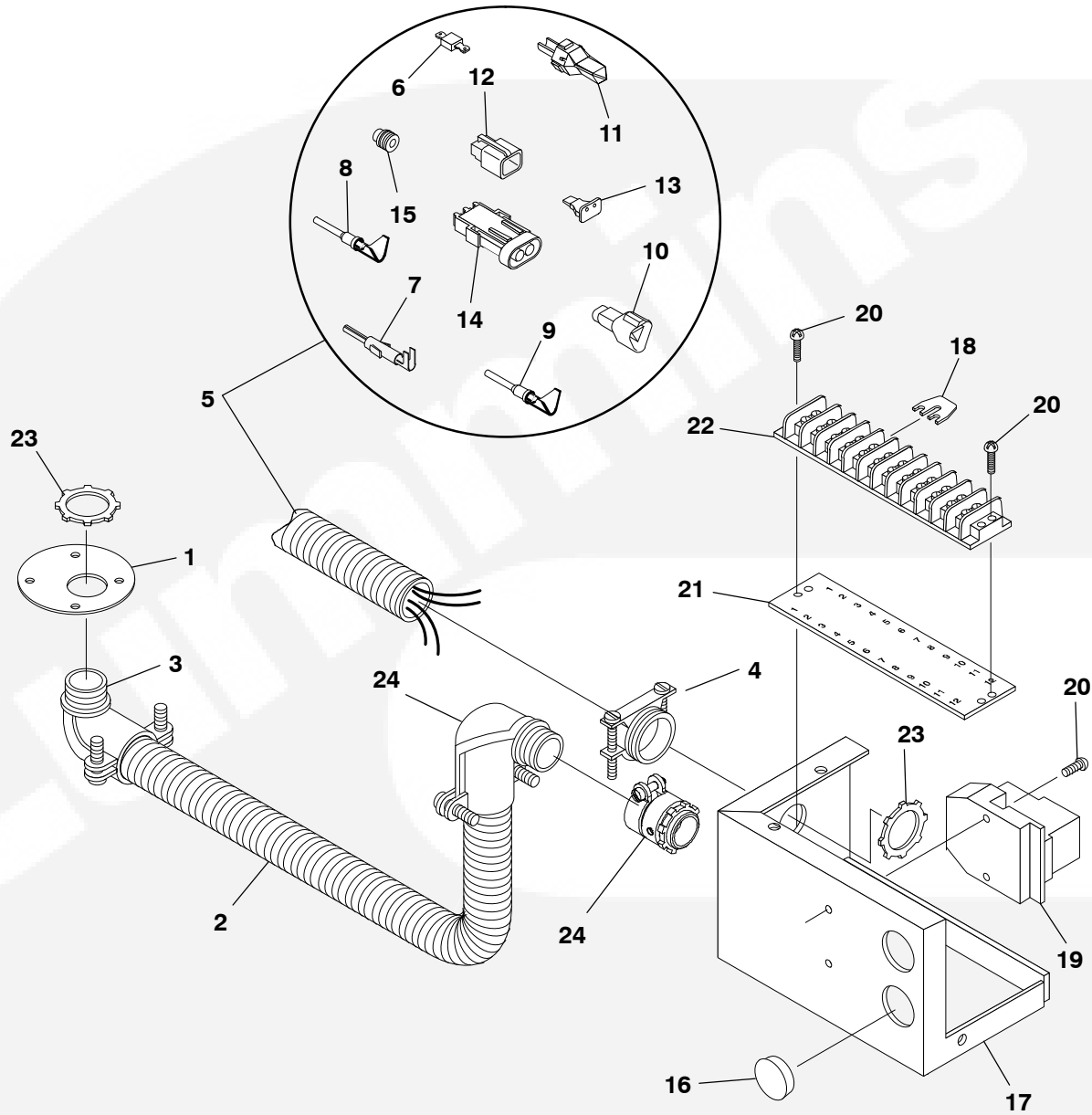


Coolant Heater Spec M

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	502-1259	1	Coupler, Coolant Heater (1/2")	19			Heater, Coolant
2	502-1257	1	Connector, Hose Barb (For 3/4" ID Hose)	333-0634-01	1		4990 Watt
3	503-1634-01	3	Hose, Silicon Rubber (3/4" ID x 4")	333-0634-02	1		6420 Watt
4	503-2157-01	6	Clamp, Hose	20	815-0539	3	Screw, Machine – Round Head Cross Recessed W/IT (#8-32 x 5/8")
5	505-0050	2	Elbow, Pipe – 90° (1/2")	21	870-0131	3	Nut, Hex W/ET (#10-32)
6	505-0022	1	Bushing, Reducer (1" to 1/2")	22	309-0649	1	Thermostat (S11)
7	505-0100	1	Nipple, Pipe (1/2")	23	502-1336	1	Bushing, Reducer (1/2" x 3/8")
8	502-1260	1	Coupler, Coolant Heater	24	526-0029	2	Washer, Flat (3/8")
9	502-1261	1	Nipple, Coolant Heater (1/2")	25	332-3196	2	Clamp, "J" – Retainer – Wiring Harness (Coolant Heater Control Box Wiring Harness To Engine and Main Engine Harness)
10	502-0827	1	Connector, Hose Barb (For 3/4" ID Hose)				
11	130-5532-02	1	Tube, Coolant Heater	26	800-0130	2	Screw, Cap – Hex Head (5/8-11 x 1")
12	155-3021	1	Clamp, Coolant Heater	27	850-0070	2	Washer, Lock – Spring (5/8")
13	870-0550-09	2	Nut, Hex Flange (3/8-16)	28	130-5528-02	1	Bracket, Coolant Heater
14	319-2918	1	Bracket, Terminal Block	29	800-0054	2	Screw, Cap – Hex Head (3/8-16 x 2")
15	821-5004-02	2	Screw, Self-Locking – Hex Washer Head (3/8-16 x 3/4")	30	850-0103	2	Washer, Lock – Spring (3/8")
16	821-5002-03	5	Screw, Self-Locking – Hex Washer Head (1/4-20 x 1/2")	31	505-0231	1	Coupling, Reducer
17	319-2815	1	Cover, Control	32	505-0101	1	Nipple, Close
18	300-5419-01	1	Control Assembly, Coolant Heater (See Page 35 For Components)				



Coolant Heater Control Spec M

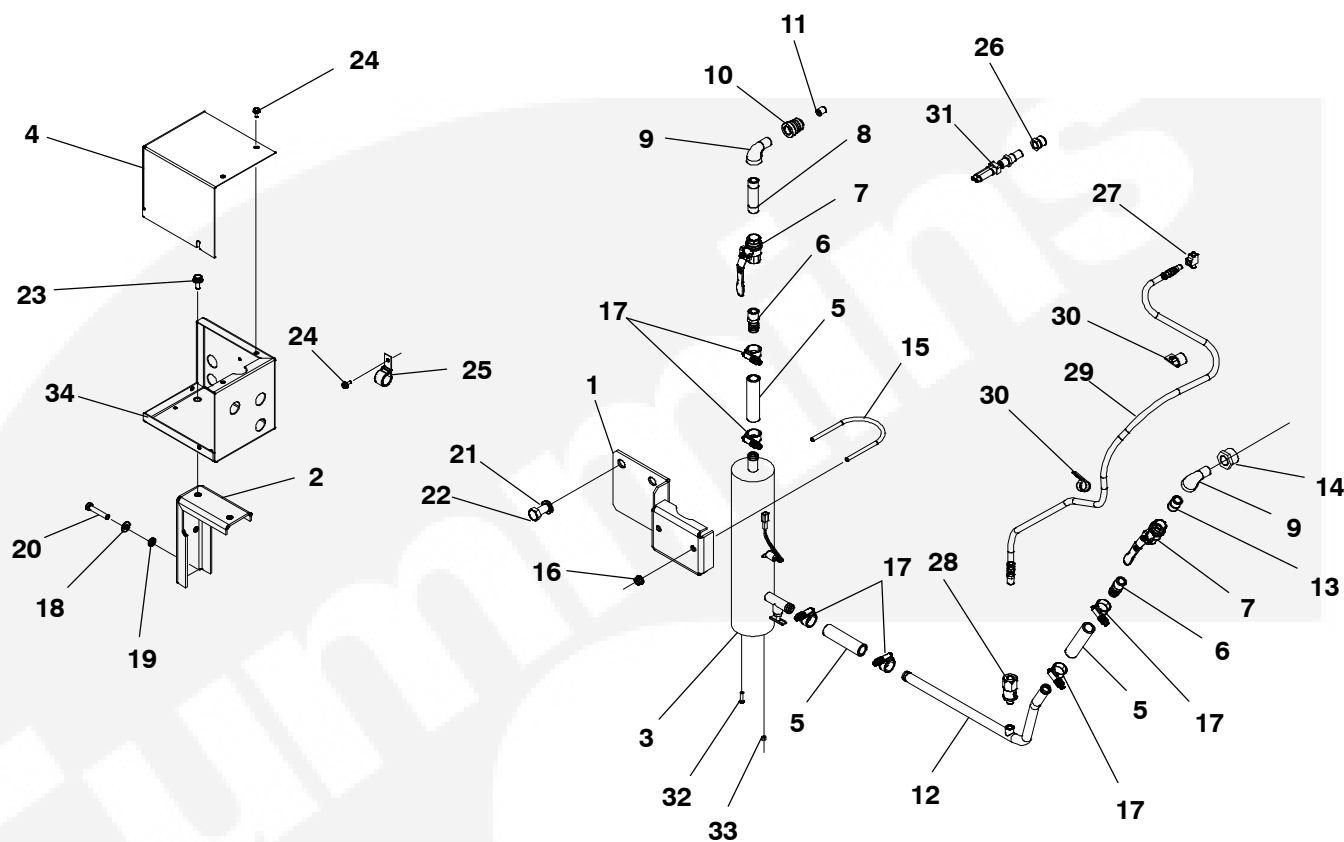


Coolant Heater Control Spec M

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4552	1	Cover, Coolant Heater	11	323-1502	1	*Wedge, Receptacle (Used with J3)
2	338-3923-07	1	Harness, Wiring – AC – Coolant Heater (From Coolant Heater Bottom To Coolant Heater Control Box) (Includes Conduit Connectors) (23")	12	323-1504	1	*Connector, Plug (2 Pin) (P4)
3	331-0554	2	Connector, Conduit – 90° (3/4")	13	323-1500	1	*Wedge, Plug (Used With P4)
4	331-0042	1	Connector, Wiring – DC – Romex (3/4")	14	323-1652	1	*Connector, Plug – 2-Way (2 Pin) (P11)
5	338-3385	1	Harness, Wiring – DC – Engine Heater (From Coolant Heater Control Box To Engine And Main Engine Harness) (Includes Parts Marked *)	15	323-1445	2	*Seal, Cable (Used With P11)
6	357-0030	1	*Rectifier (6 Amp) (Located at K11 end of harness)	16	517-0138-02	3	Plug, Hole (Fits 1-1/8" Hole)
7	323-1718	2	*Pin, Contact	17	319-2814	1	Box, Terminal
8	323-1491	3	*Pin, Contact	18	332-3440	1	Jumper, Terminal
9	323-1492	2	*Socket, Contact	19	307-2859	1	Relay, Power – 24VDC (K11)
10	323-1494	1	*Connector, Receptacle (3 Pin) (J3)	20	815-0464	4	Screw, Machine – Round Head Cross Recessed W/IT – Thread Forming (#8-32 x 1")
				21	332-1469	1	Strip, Marker
				22	332-1468	1	Block, Terminal – 12 Place (TB1)
				23	331-0555	2	Nut, Connector Lock (3/4-14)
				24	331-0570	1	Connector, Conduit

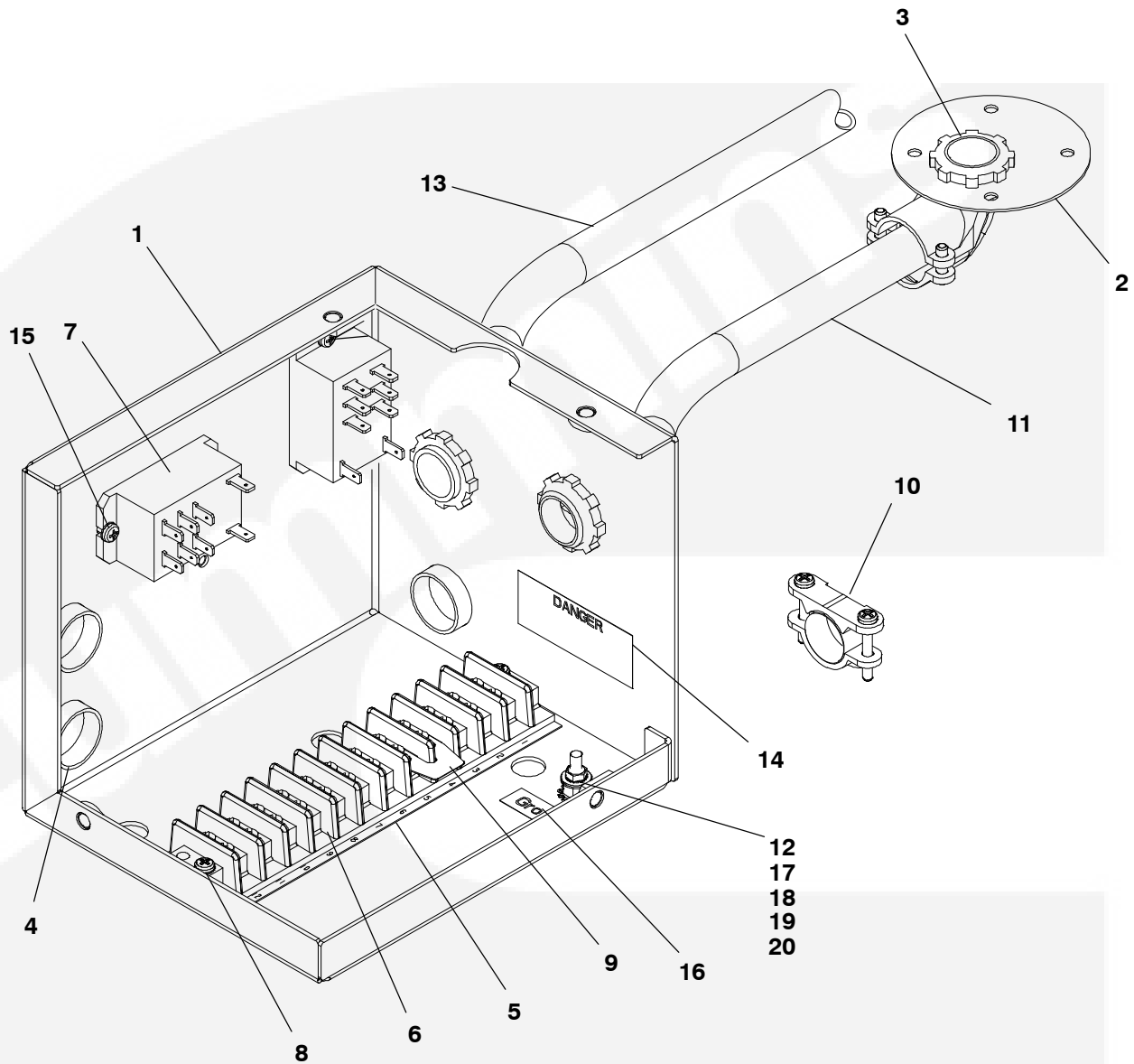
*-Parts Included in 338-3385 DC Engine Heater Wiring Harness

Coolant Heater Begin Spec N



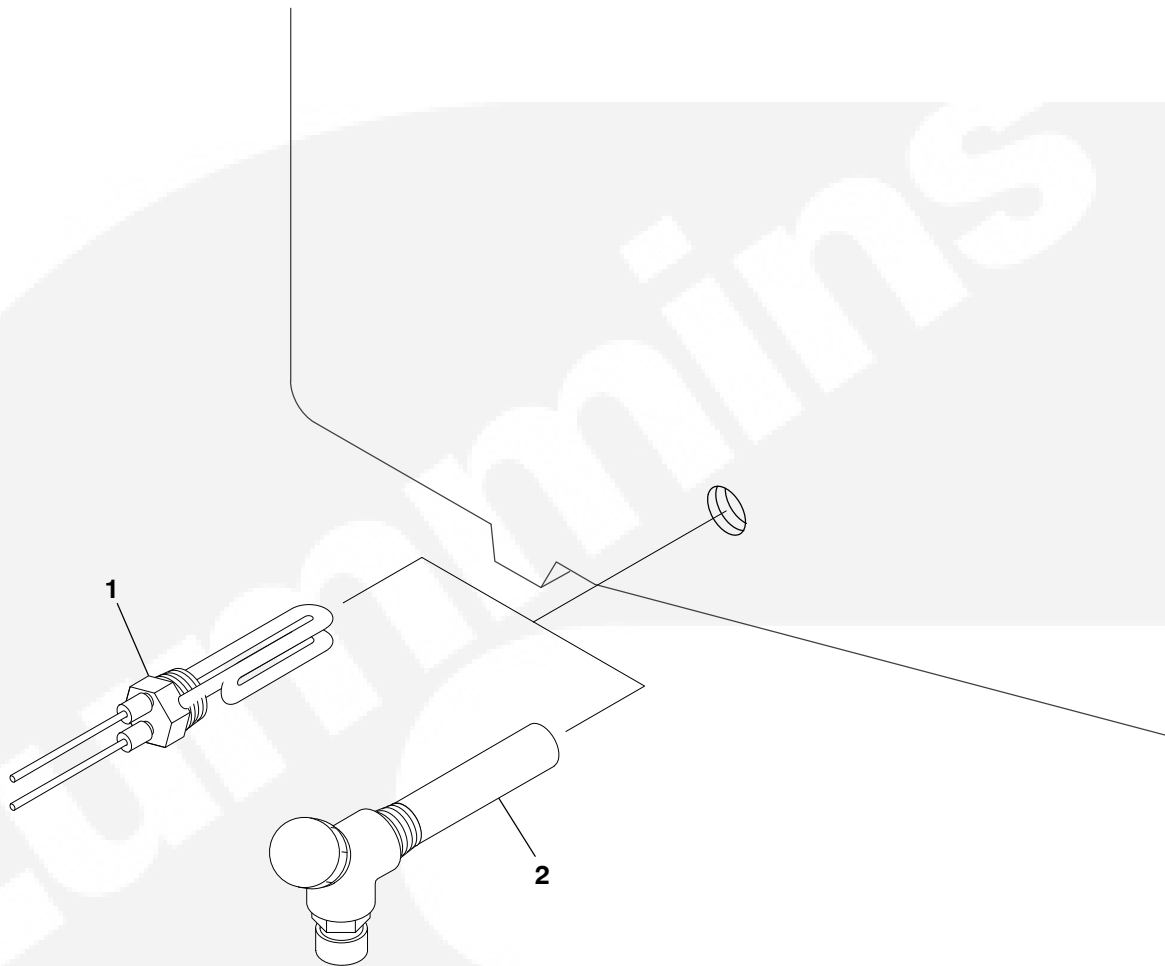
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-5528-02	1	Bracket, Water Heater	20	800-0054	2	Screw, Cap – Hex Head (3/8-16 x 2)
2	319-2918	1	Bracket, Terminal Box	21	850-0070	2	Washer, Lock – Split (5/8)
3			Heater, Coolant	22	800-0130	2	Screw, Cap – Hex Head (5/8-11 x 1.25)
	333-0677-01	1	4990 Watts	23	821-5004-02	2	Screw, Hex Head (3/8-16 x .75)
	333-0677-02	1	6420 Watts	24	821-5002-03	5	Screw, Hex Head (1/4-20 x .50)
4	319-6838	1	Cover, Control	25	332-3196	1	Clamp, J
5	503-1634-01	3	Hose, Silicon Rubber	26	502-1336	1	Adapter, Coolant Heater
6	502-0827	2	Hose, Barb	27	502-0058	1	Adapter, Tee
7	504-0213	2	Valve, Ball	28	504-0215	1	Valve, Check
8	505-0078	1	Nipple, Pipe (1/2 x 2.50)	29	501-0551-04	1	Line, Flexible – Fuel
9	505-0050	2	Elbow, Street – 90° (1/2)	30	518-0548-15	2	Clamp, Hose
10	505-0231	1	Coupling, Reducer	31	309-0649	1	Thermostat
11	505-0101	1	Nipple, Pipe (3/8 x 1.00)	32	815-0539	3	Screw, Cross-Recessed – Pan Head – W/ET (#8-32 x .625)
12	130-6007-02	1	Tube, Water Heater	33	870-0131	3	Nut, Hex – W/ET
13	505-0100	1	Nipple, Pipe (1/2 x 1.13)	34	300-6475	1	Control, Heater (See Separate Page For Components)
14	505-0022	1	Bushing, Reducer (1 x 1/2)				
15	155-3021	1	Clamp, Water Heater				
16	870-0550-09	2	Nut, Hex – Flange (3/8-16)				
17	503-2157-01 A/R		Clamp, Hose				
18	526-0029	2	Washer, Flat (3/8)				
19	850-0103	2	Washer, Lock – Split (3/8)				

Coolant Heater Control Begin Spec N



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4787-02	1	Box, Terminal - Water Heater	11	338-4995-03	1	Harness, Heater - Engine (Includes Conduit Connectors)
2	130-4552	1	Cover, Water Heater		331-0554	2	Connector, Conduit - 90° (3/4)
3	331-0555	3	Nut, Lock - Connector (3/4)	12	870-0131	1	Nut, Hex - W/ET (#10-32)
4	517-0138-02	3	Plug, Hole	13	338-5111	1	Harness, Heater
5	332-1469	1	Marker, Strip	14	098-5347-01	1	Label, Danger
6	332-1468	1	Block, Terminal	15	815-0446	4	Screw, Round Head Cross Recessed (#8-32 x .5)
7	307-3089	2	Relay, Power	16	098-2235-02	1	Label, Ground
8	815-0447	2	Screw, Cross-Recessed - Round Head - Thread Cutting - W/IT (#8-32 x .75)	17	815-0203	1	Screw, Brass Machine - Round Head - W/ET (#10-32 x 7/8)
9	332-3440	1	Jumper, Terminal	18	856-0003	1	Washer, Lock - W/EIT (#10)
10	331-0042	1	Connector, Romex (3/4)	19	871-0010	1	Nut, Hex - Brass (#10-32)
				20	526-0049	2	Washer, Flat - Brass (#10)

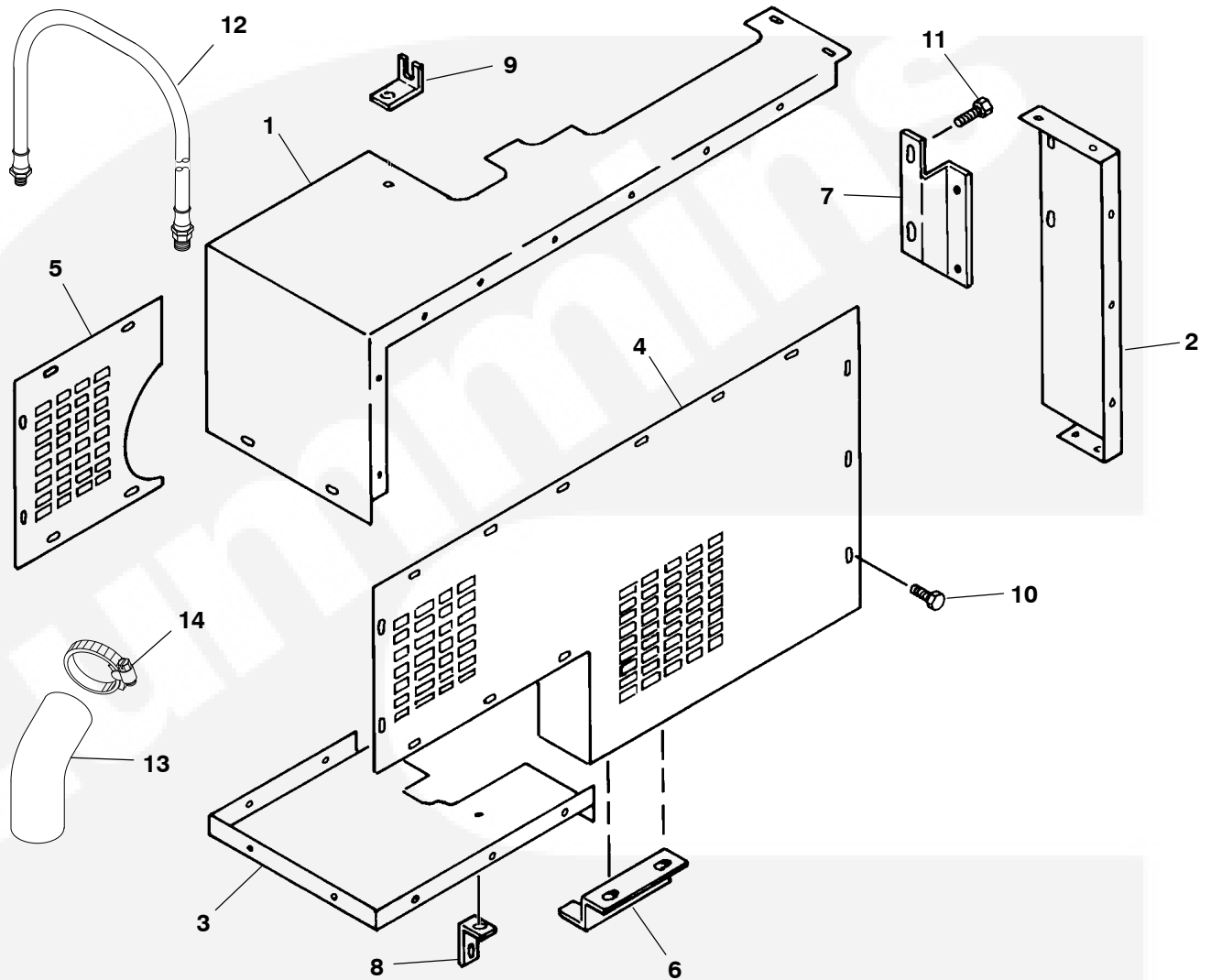
Oil Pan Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater, Oil (300 Watt)
	333-0407-06	1	120 Volt
	333-0407-04	1	240 Volt

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	333-0407-05	1	Heater, Oil (300 Watt, 480 Volt)

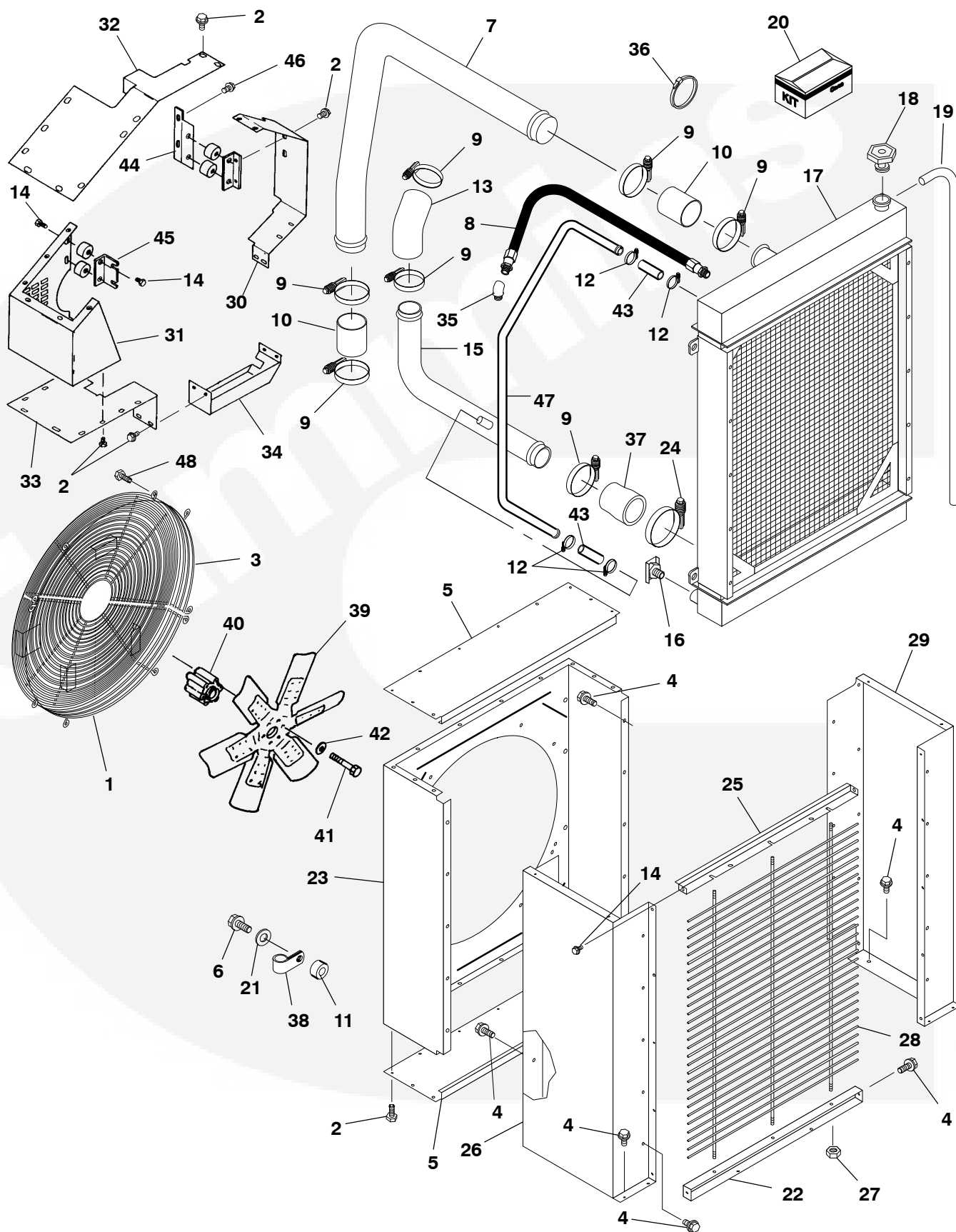
Remote Radiator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3945	1	Guard, Belt (Top)
2	130-3944	1	Guard, Belt (Side)
3	130-3943	1	Guard, Belt (Bottom)
4	130-3942	1	Guard, Belt (Front)
5	130-3954	1	Guard, Belt (Rear)
6	130-3952	1	Bracket, Guard
7	130-3953	1	Bracket, Guard
8	130-3946	1	Bracket, Guard

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	130-3947	1	Bracket, Guard
10	821-5002-03	34	Screw, Self-Locking – Hex Washer Head (1/4-20 x 1/2")
11	821-2060	2	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)
12	501-0247	1	Line, Flexible (69")
13	503-1811	1	Elbow – 30 Deg (2-1/2" ID)
14	503-1872-04	1	Clamp, Hose

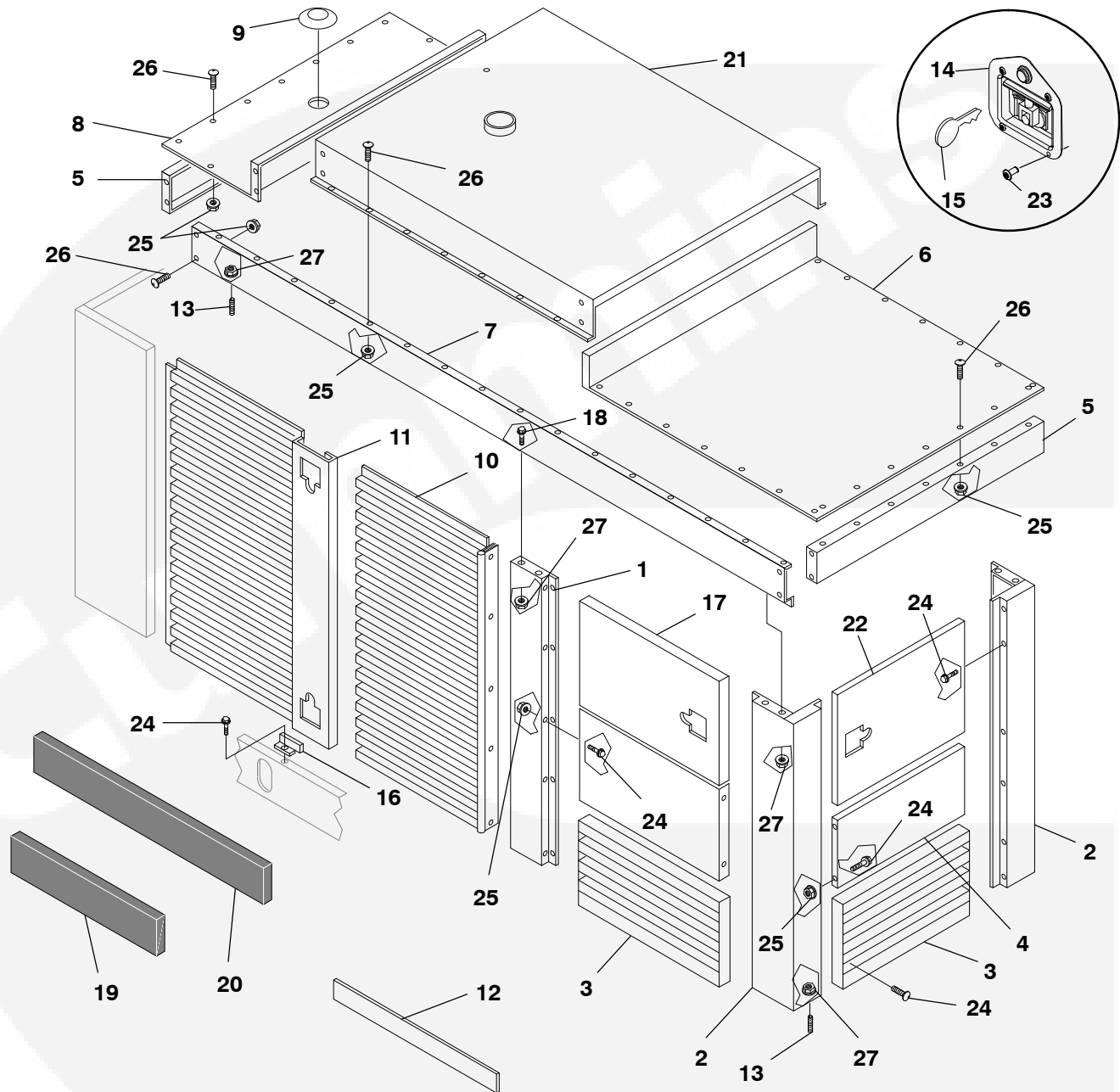
Radiator



Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3932-02	1	Guard, Fan (Left Side) (Bottom)	22	130-4386	1	Support, Grille (Lower)
2	821-5002-04	21	Screw, Self-Locking – Hex Washer Head (1/4–20 x 5/8")	23	130-4374	1	Wrapper, Fan Shroud
3	130-3932-01	1	Guard, Fan (Right Side) (Top)	24	503-1872-05	1	Clamp, Hose
4			Screw, Self-Locking – Hex Washer Head (3/8–16 x 3/4")	25	130-4387	1	Support, Grille (Upper)
	821-5004-02	34	Narrow Skid	26			Guard, Radiator (Left Side)
	821-5004-02	36	Wide Skid		130-4384-02	1	Narrow Skid
5	130-4373	2	Shroud, Fan		130-4383-02	1	Wide Skid
6	800-0052	2	Screw, Cap – Hex Head (3/8–16 x 1–1/2")	27	870-0550-09	12	Nut, Self-Locking – Hex Head (3/8–16)
7	130-4378	1	Tube, Radiator (Inlet)	28	130-4385	1	Grille
8	501-0551-02	1	Line, Flexible (39")	29			Guard, Radiator (Right Side)
9	503-1872-04	7	Clamp, Hose		130-4384-01	1	Narrow Skid
10	503-1379-02	2	Hose, Radiator (2–1/4" ID)		130-4383-01	1	Wide Skid
11	130-3660-01	2	Spacer	30	130-3937	1	Guard, Belt (Right Side)
12	503-1872-01	4	Clamp, Hose	31	130-3936	1	Guard, Belt (Left Side)
13	503-1811	1	Elbow, Radiator – 30°	32	130-3935	1	Guard, Belt (Top)
14	821-5003-01	8	Screw, Self-Locking – Hex Washer Head (5/16–18 x 1/2")	33	130-3934	1	Guard, Belt (Left Side – Bottom)
15	130-4377	1	Tube, Radiator (Outlet)	34	130-3933	1	Guard, Belt (Bottom)
16			Drain	35	502-0053	1	Elbow, Street Pipe – 45°
	504-0176	1	Valve, Drain (3/8–16) – Wide Skid	36	332-2262	2	Tie, Cable
	504-0028	1	Cock, Drain (3/8") – Narrow Skid	37	503-1026	1	Hose, Reducer (2–3/4" to 2–1/2")
17	130-4355	1	Radiator (Includes Radiator Cap, Overflow Hose, and Safety Sight Gauge Kit)	38	518-0548-20	2	Clamp, Hose
18	130-3588	1	Cap, Radiator	39	130-4534	1	Fan, Radiator (6 Blade)
19	503-1418	–	Hose – Bulk (1/4" ID) (Order By The Foot – 6 Feet Required)	40	130-3931-01	1	Spacer, Fan
20	130-4362	1	Kit, Gauge – Safety Sight – Radiator (Includes Glass Bulb and O-Ring)	41	800-0062	6	Screw, Cap – Hex Head (3/8–16 x 4")
21	526-0029	2	Washer, Flat (3/8")	42	526-0026	6	Washer, Flat (3/8")
				43	503-1634	2	Hose, Rubber (1" ID x 4")
				44	130-6980	1	Bracket, Belt Guard (Right Side – Rear)
				45	191-2402	1	Bracket, Belt Guard (Left Side)
				46	800-2085	2	Screw, Cap – Hex Head (M10 x 20mm)
				47	130-4376	1	Tube, Radiator Fill
				48	821-5003-03	10	Screw, Self-Locking – Hex Washer Head (5/16–18 x 3/4")

Enclosure (F184)

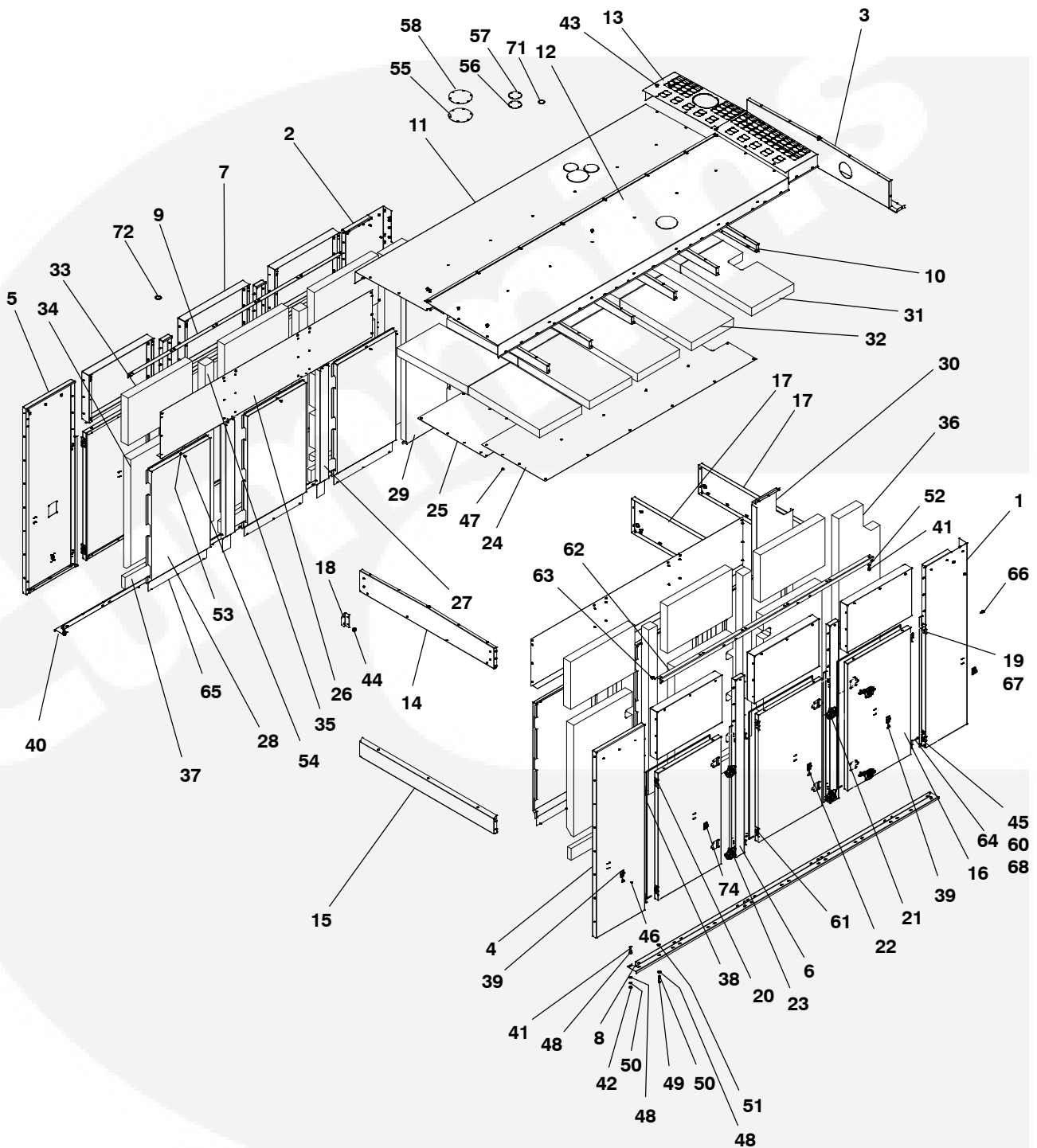


Enclosure (F184)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-4110	2	Post – Center	13	520-0544	14	Stud (3/8-16 x 1-3/16")
2	405-4111	2	Post – Rear	14	406-0972-02	7	Latch (Includes Key)
3	405-4104	3	Grille	15	406-0782	7	Key, Latch
4	405-4112	3	Panel – Rear and Side	16	405-3980	2	Stop, Door
5	405-4401	2	Cap, End – Front and Rear	17	405-4107	2	Door – Side
6	405-4439	1	Roof – Rear	18	821-5004-02	10	Screw, Self-Locking – Hex Washer Head (3/8-16 x 3/4")
7	405-4395-01	2	Rail – Side	19	128-0154-06	1	Insulation, Foam (24" x 5-3/4" x 1/4")
8	405-5196	1	Roof – Front	20	128-0154	4	Insulation, Foam (58" x 6-3/4" x 1/4")
9	517-0245	1	Plug	21	405-4438-01	1	Roof – Center
10	405-4404	2	Door – Side – Without Opening For Door Handles (Right Side Center Location And Left Side Front Location)	22	405-4106	1	Door, Control
11	405-4405	2	Door – Side – With Opening For Door Handles (Right Side Front Location And Left Side Center Location)	23	818-0231-02	28	Rivet, Pop
12	895-0308	–	Tape, Sealing – Bulk (1/8" Thk x 1" Wide) (Order By The Foot – 6 Feet Required)	24	821-5003-03	45	Screw, Self-Locking – Hex Washer Head (5/16-18 x 3/4")
				25	870-0550-07	71	Nut, Locking – Hex (5/16-18)
				26	816-0098	59	Bolt, Carriage (5/16-18 x 5/8")
				27	870-0550-09	32	Nut, Locking – Hex (3/8-16)



Enclosure Aluminum

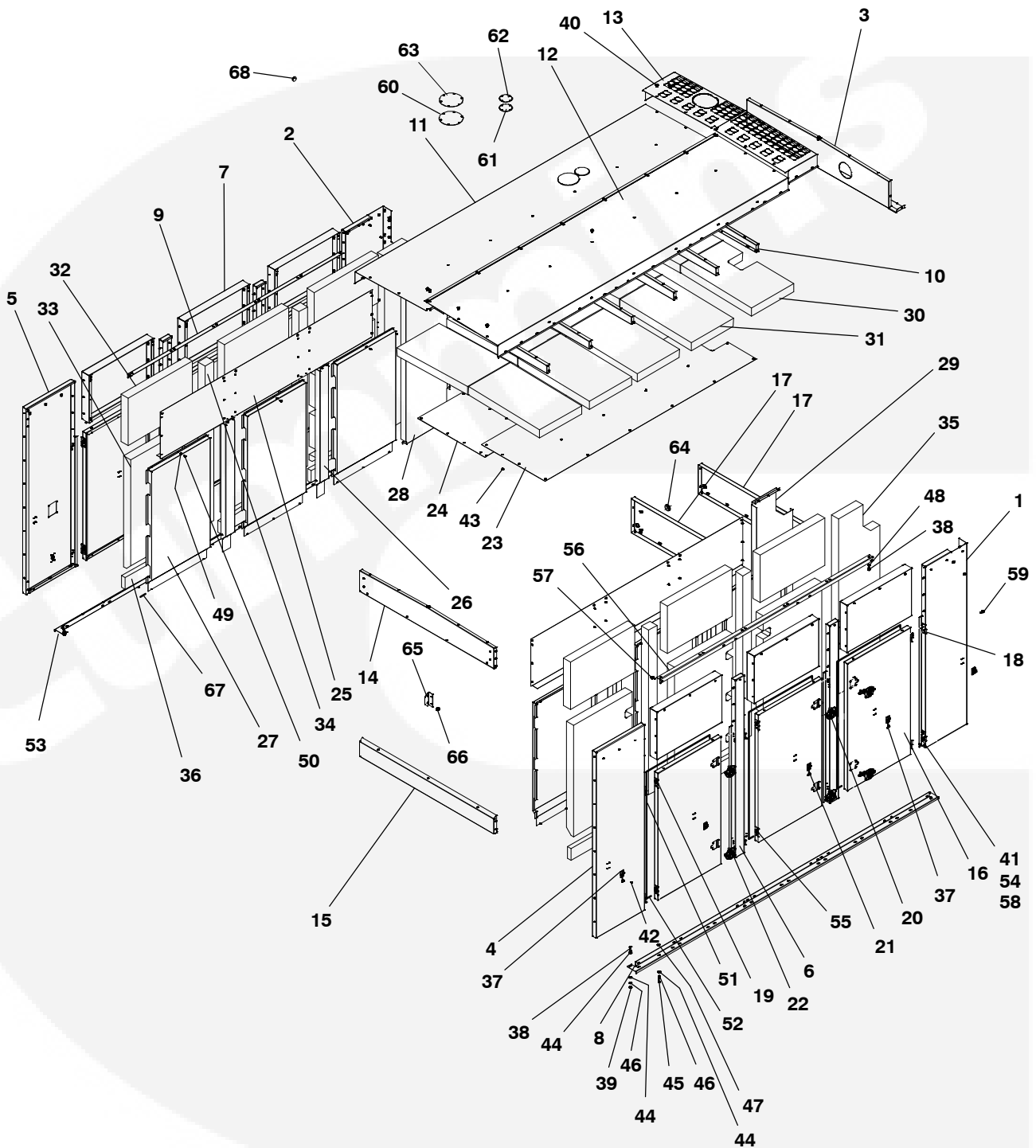


Enclosure Aluminum

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7838	1	Panel, Enclosure – RH Rear	42	870-2065-03	12	Nut, Hex – Flange
2	405-7836	1	Post, Enclosure – LH Rear	43	821-6007-02	98	Screw, Hex Head (M8 x 1.25 x 20)
3	405-7835	1	Shield, Heat – Exhaust				
4	405-7847	1	Panel, Enclosure – RH Front	44	870-2055	4	Nut, Hex – Flange (M8 x 1.25)
5	405-7848	1	Panel, Enclosure – LH Front	45	818-1157	96	Rivet, Dome Head – Blind (1/4)
6	405-7849	4	Post, Enclosure – Center	46			Rivet, Pop
7	405-7851	6	Crossmember, Panel – Upper		818-0231-02	88	Not Insulated
8	405-7577-02	2	Stiffener, Enclosure		818-0231-02	144	Insulated
9	405-7742-02	2	Stiffener, Roof	47	818-0231-06	72	* Rivet, Pop
10	405-7740-02	6	Stiffener, Enclosure – Truss	48	526-0249-01	34	Washer, Flat (7/16)
11	405-7845-02	1	Panel, Roof – LH	49	800-2089	26	Screw, Cap – Hex Head (M10 x 1.5 x 40)
12	405-7844-02	1	Panel, Roof – RH				Washer, Lock – Split (M10)
13	405-7846	1	Panel, Roof – Rear	50	850-2010	26	Nut, Hex (M10 x 1.5)
14	405-7853	1	Panel, Duct – Upper	51	860-2009	8	Washer, Flat (M8)
15	405-7854	1	Panel, Duct – Lower	52	526-2106	12	* Washer, Lock – W/ET (M6)
16	405-7840	6	Door, Enclosure	53	853-2006	6	* Screw, Hex Head (M6 x 1 x 16)
17	405-7841	1	Crossmember, Panel – Rear	54	821-6002-03	6	Gasket, Enclosure
18	405-7855	2	Bracket, Duct – Stiffener	55	405-7882	1	Gasket, Enclosure
19	406-0970-01	3	Hinge	56	405-7883	1	Cover, Enclosure
20	406-0970-02	3	Hinge	57	405-7837	1	Cover, Enclosure
21	406-0972-02	12	Latch	58	405-7839	1	Stiffener, Enclosure
22	406-1049-01	3	Catch, Door	59	405-7577-04	1	Hinge
23	517-0364	48	Plug, Hole	60	406-0970-03	3	Hinge
24	405-7745	1	* Retainer, Insulation – Roof	61	406-0970-04	3	Edge, Drip – Enclosure
25	405-7746	1	* Retainer, Insulation – Roof	62	405-7850	2	Screw, Hex Head (M6 x 1.0 x 16)
26	405-7616	2	* Retainer, Insulation – Side	63	821-6006-01	32	Screw, Hex – Flange Head (#8 x 5/8)
27	405-7617	4	* Retainer, Insulation – Post				Edging
28	405-7618	6	* Retainer, Insulation – Door	64	815-0181	18	Clip, Panel
29	405-7620	1	* Retainer, Insulation – Post				Hinge
30	405-7637	1	* Retainer, Insulation – Post	65	508-1042-09	12	Hinge
31	405-7626	1	* Insulation, Roof	66	406-0929	18	Stud (Not Illustrated)
32	405-6000-08	4	* Insulation, Panel – Roof	67	406-0970-05	6	Washer, Flat (Not Illustrated)
33	405-6000-09	6	* Insulation, Panel – Cross	68	406-0970-06	6	Plug, Hole
34	405-7628	6	* Insulation, Door	69	826-2133-03	12	Grommet, Rubber
35	405-6000-10	4	* Insulation, Panel – Post	70	526-2100	12	Label, Illustration (Not Illustrated)
36	405-7630	2	* Insulation, Enclosure – Post	71	517-0350	1	Stop, Door
37	405-6000-11	6	* Insulation, Panel, Door	72	508-1102	1	
38	405-7812-01	6	Seal, Door	73	539-4827-05	1	
39	406-1049-02	3	Catch, Door				
40	405-7842	4	Stiffener, Enclosure	74	406-1076	4	
41	821-6003-02	78	Screw, Hex Head (M8 x 1.25 x 20)				

* – Insulated Enclosures

Enclosure Steel

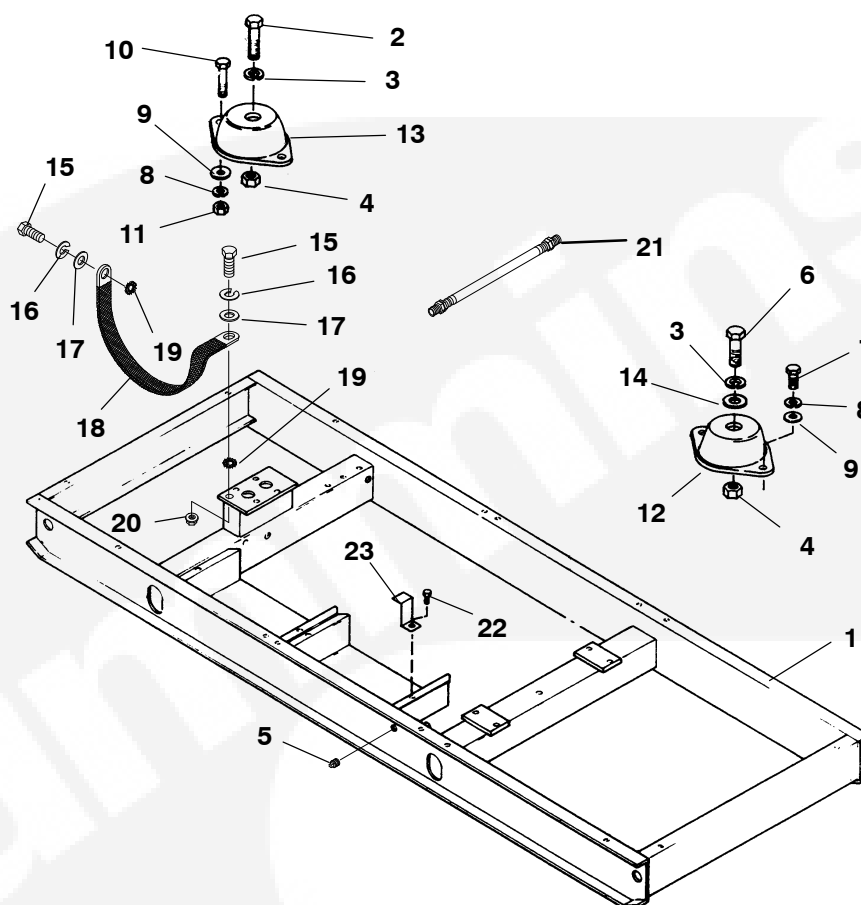


Enclosure Steel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7501-02	1	Panel, Enclosure – RH Rear	40			Screw, Hex Head (M8 x 1.25 x 20)
2	405-7500-02	1	Post, Enclosure – LH Rear				Without 150 MPH Wind Rating
3	155-4134-02	1	Shield, Heat – Exhaust	821-6007-02	90		With 150 MPH Wind Rating
4	405-7737-02	1	Panel, Enclosure – RH Front				Rivet, Dome Head – Blind (1/4)
5	405-7738-02	1	Panel, Enclosure – LH Front	821-6007-02	98		Rivet, Pop
6	405-7739-02	4	Post, Enclosure – Center	41 818-1157	96		Without 150 MPH Wind Rating
7	405-7741-02	6	Crossmember, Panel – Upper	42			With 150 MPH Wind Rating – Not Insulated
8	405-7577-02	2	Stiffener, Enclosure	818-0231-02	64		With 150 MPH Wind Rating – Insulated
9	405-7742-02	2	Stiffener, Roof				* Rivet, Pop
10	405-7740-02	6	Stiffener, Enclosure – Truss	818-0231-02	88		Washer, Flat (7/16)
11	405-7735-04	1	Panel, Roof – LH				Screw, Cap – Hex Head (M10 x 1.5 x 40)
12	405-7734-04	1	Panel, Roof – RH	818-0231-02	144		Washer, Lock – Split (M10)
13	405-7736-02	1	Panel, Roof – Rear				Nut, Hex (M10 x 1.5)
14	405-7743-02	1	Panel, Duct – Upper	43 818-0231-06	60		Washer, Flat (M8)
15	405-7744-02	1	Panel, Duct – Lower	44 526-0249-01	40		* Washer, Lock – W/ET (M6)
16			Door, Enclosure	45 800-2089	26		* Screw, Hex Head (M6 x 1 x 16)
	405-7574-02	6	Without 150 MPH Wind Rating				Seal, Door
				46 850-2010	32		Seal, Door
	405-7574-04	6	With 150 MPH Wind Rating	47 860-2009	14		Stiffener, Enclosure
17	405-7604-02	1	Crossmember, Panel – Rear	48 526-2106	12		Hinge
18	406-0970-01	3	Hinge	49 853-2006	6		Hinge
19	406-0970-02	3	Hinge	50 821-6002-03	6		Edge, Drip – Enclosure
20			Latch	51 405-7812-01	6		Screw, Hex Head (M6 x 1.0 x 16)
	406-0972-02	6	Without 150 MPH Wind Rating	52 405-7812-02	6		Screw, Hex – Flange Head (#8 x 5/8)
				53 405-7577-04	1		Clip, Panel
	406-0972-02	12	With 150 MPH Wind Rating	54 406-0970-03	3		Gasket, Enclosure
21	406-1049-01	3	Catch, Door	55 406-0970-04	3		Gasket, Enclosure
22	517-0364	60	Plug, Hole	56 405-7863-02	2		Cover, Enclosure
23	405-7745	1	* Retainer, Insulation – Roof	57 821-6006-01	40		Cover, Enclosure
24	405-7746	1	* Retainer, Insulation – Roof				Grommet, Rubber
25	405-7616	2	* Retainer, Insulation – Side	58 800-6294	18		Bracket, Duct – Stiffener – With 150 MPH Wind Rating
26	405-7617	4	* Retainer, Insulation – Post				Nut, Locking – With 150 MPH Wind Rating
27	405-7618	6	* Retainer, Insulation – Door	59 406-0929	18		* Edging
28	405-7620	1	* Retainer, Insulation – Post	60 405-7882	1		Plug, Hole
29	405-7637	1	* Retainer, Insulation – Post	61 405-7883	2		
30	405-7626	1	* Insulation, Roof	62 405-7885-02	2		
31	405-6000-08	4	* Insulation, Panel – Roof	63 405-7884-02	1		
32	405-6000-09	6	* Insulation, Panel – Cross	64 508-1102	1		
33	405-7628	6	* Insulation, Door	65 405-7756-02	2		
34	405-6000-10	4	* Insulation, Panel – Post				
35	405-7630	2	* Insulation, Enclosure – Post	66 870-2055	4		
36	405-6000-11	6	* Insulation, Panel, Door				
37	406-1049-02	3	Catch, Door	67 508-1042-09	12		
38	821-6003-02	78	Screw, Hex Head (M8 x 1.25 x 20)	68 517-0350	1		
39	870-2065-03	12	Nut, Hex – Flange				

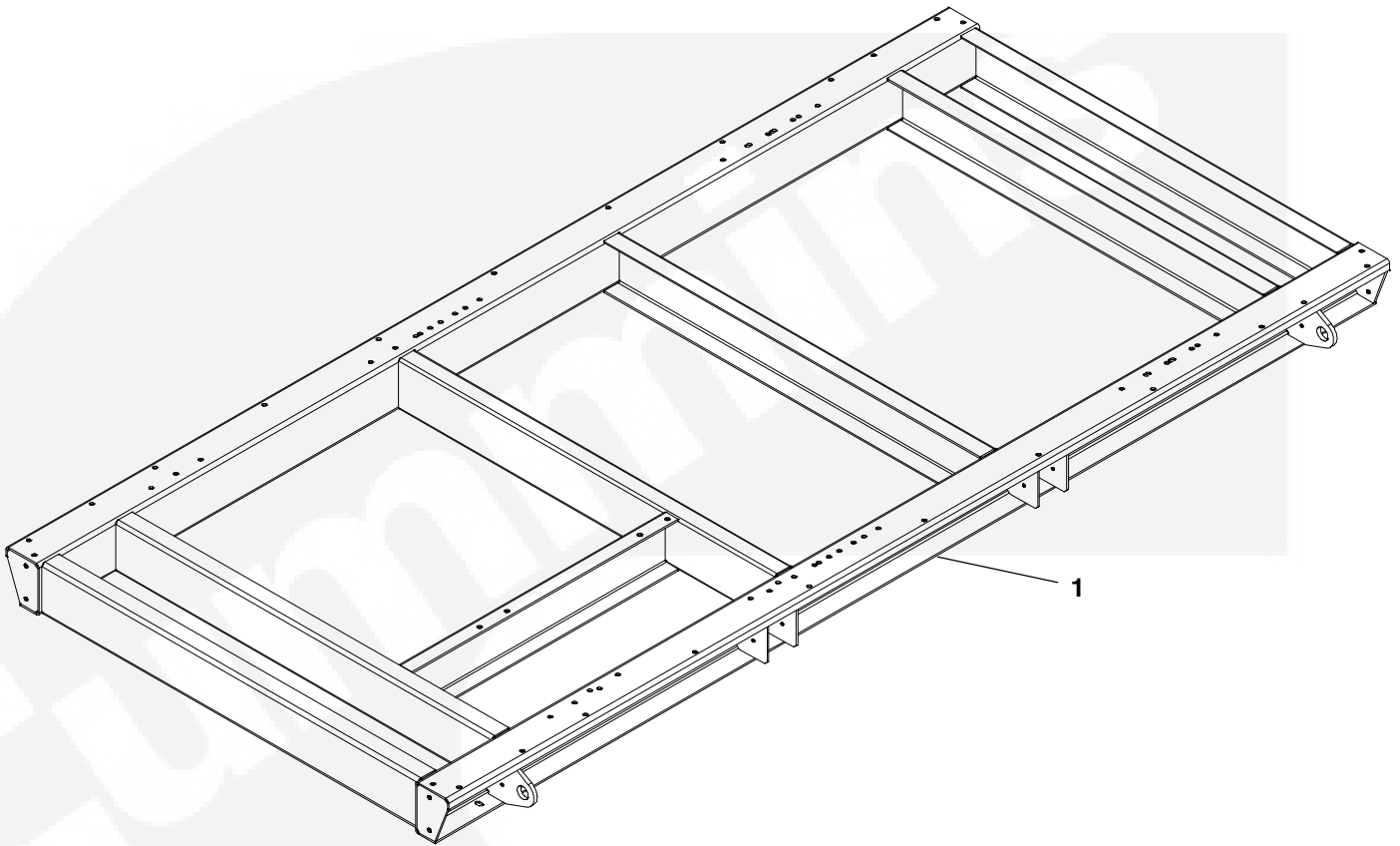
* – Insulated Enclosures

Skid



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Skid	13	402-0779-03	2	Cushion, Vibration – Engine End
	403-3248-01	1	Sets With 44" Wide Skid	14	526-0238-01	2	Washer, Flat (3/4")
	403-4530-02	1	Sets With 50" Wide Skid	15	800-2086	2	Screw, Cap – Hex Head (M10 x 25mm)
2	800-0156	2	Screw, Cap – Hex Head (3/4-10 x 2-1/4")	16	850-2010	2	Washer, Lock – Spring (M10)
3	850-0079	2	Washer, Lock – Spring (3/4")	17	526-0030	2	Washer, Flat (3/8")
4	862-0008	4	Nut, Hex (3/4-10)	18	337-0090	1	Strap, Ground
5	505-1379	1	Plug, Pipe (1/2")	19	856-0010	2	Washer, Lock – EIT (3/8")
6	800-0155	2	Screw, Cap – Hex Head (3/4-10 x 2")	20	870-2056	1	Nut, Self-Locking – Hex Head (M10)
7	800-0090	4	Screw, Cap – Hex Head (1/2-13 x 1")	21			Line, Fuel – Flexible
8	850-0060	8	Washer, Lock – Spring (1/2")		501-0751	1	Fuel In (1/2")
9	526-0219	8	Washer, Flat (1/2")		501-0752-01	1	Fuel Out (3/8")
10	800-0091	4	Screw, Cap – Hex Head (1/2-13 x 1-1/4")	22	800-0048	4	Screw, Cap – Hex Head (3/8-16 x 3/4)
11	862-0016	4	Nut, Hex (1/2-13)	23	416-0850	4	Bracket, Retaining – Battery
12	402-0779-07	2	Cushion, Vibration – Generator End				

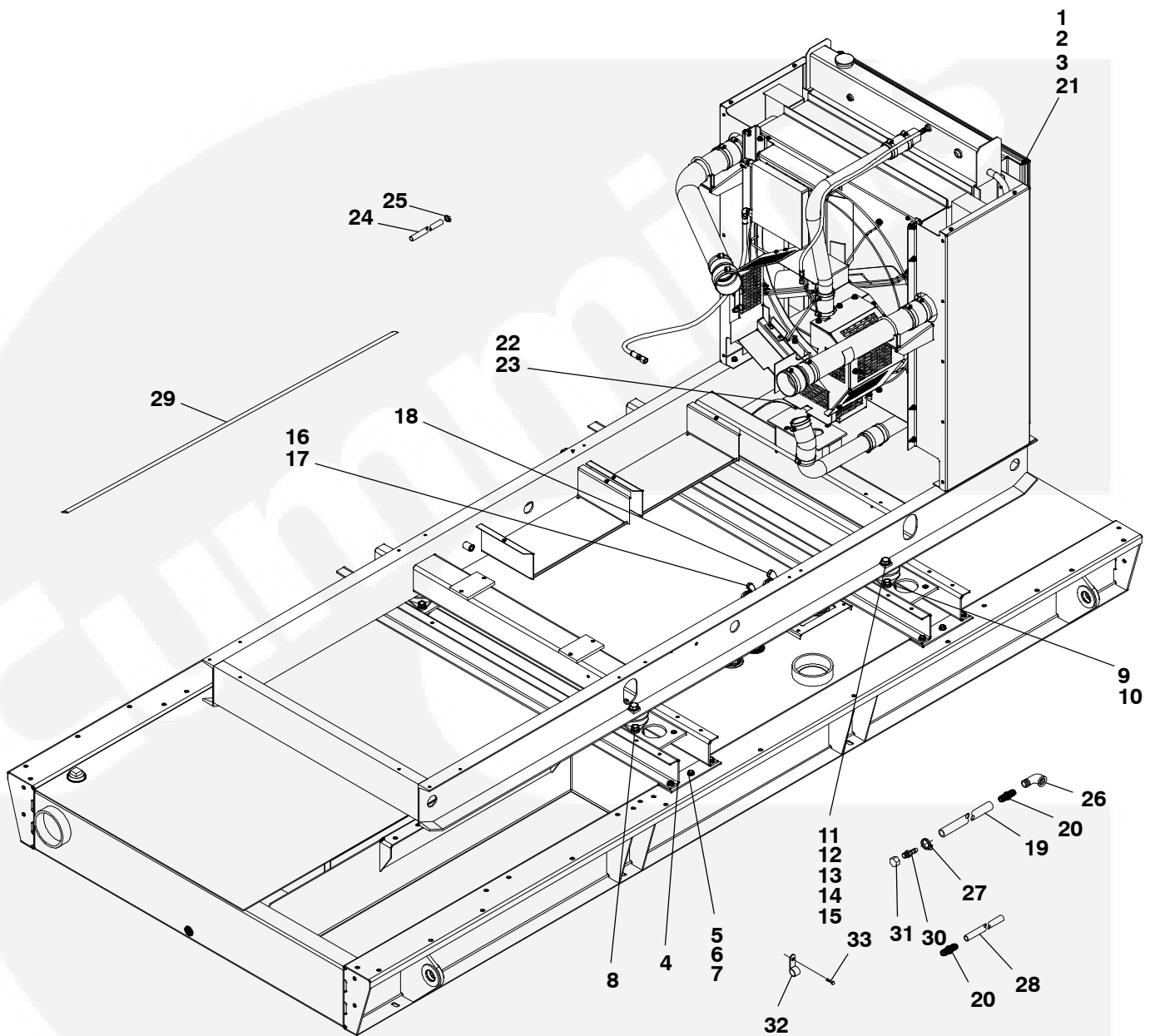
Lifting Skid



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-5034-01	1	Skid, Lifting

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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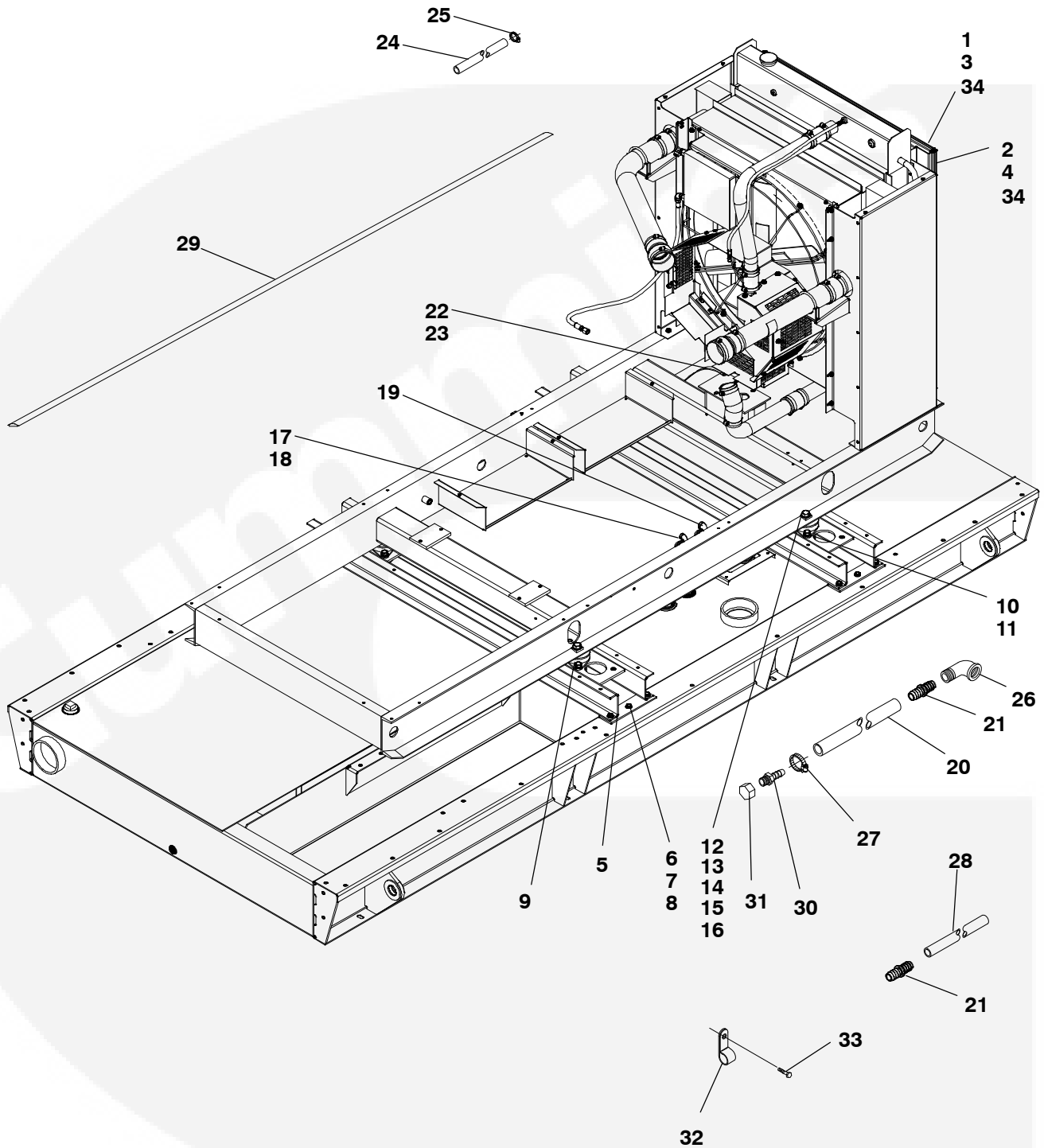
Mounting System Aluminum Enclosure



Mounting System Aluminum Enclosure

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Duct, Air	17	505-0120	1	Elbow, Street – 90° (3/8) – With Tank
	405-7866	2	Top and Bottom				
	405-7868	2	Sides	18	505-0050	1	Elbow, Street – 90° (1/2) – With Tank
2	405-5884-03	2	Seal, Radiator – Top and Bottom	19	503-2433-01	1	Hose, Breather (3/4 ID)
3	405-5884-04	2	Seal, Radiator – Sides	20	502-1383	2	Union, Hose (3/4)
4	403-5111-02	2	Mount, Fuel Tank	21	821-5003-03	10	Screw, Hex Head (5/16-18 x 0.75)
5	800-2114	12	Screw, Cap – Hex Head (M12 x 1.75 x 40)	22	337-0090-02	1	Strap, Electrical
6	526-2140	24	Washer, Flat (M12)	23	853-2012	2	Washer, Lock – W/ET (M12)
7	860-2010	12	Nut, Hex (M12 x 1.75)	24	503-2434-01	1	Hose, Drain (5/8)
8	402-0816-01	4	Isolator, Vibration	25	503-0131	1	Clamp, Hose
9	850-0070	8	Washer, Lock – Split (5/8)	26	502-1030	1	Connector, Hose – 90° (1/2 x 3/4 Hose)
10	800-0132	8	Screw, Cap – Hex Head (5/8-11 x 1.5)	27	503-0189	2	Clamp, Hose
11	402-0820	4	Washer, Snubbing	28	503-2433-02	1	Hose, Breather (3/4 ID)
12	526-0027	4	Washer, Flat (3/4)	29	405-7657-04	2	Gasket, Enclosure – With Tank
13	403-3362	4	Washer, Bevel	30	502-0827	1	Hose, Barb (3/4 x 1/2)
14	800-0167	4	Screw, Cap – Hex Head (3/4-10 x 6.0)	31	502-0876	1	Cap, Pipe (1/2)
15	862-0008-01	4	Nut, Hex – Heavy (3/4-10)	32	518-0704	1	Clamp, J
16	505-0019	1	Bushing, Reducer (1/2 x 3/8) – With Tank	33	800-0026	1	Screw, Cap – Hex Head (5/16-18 x .75)

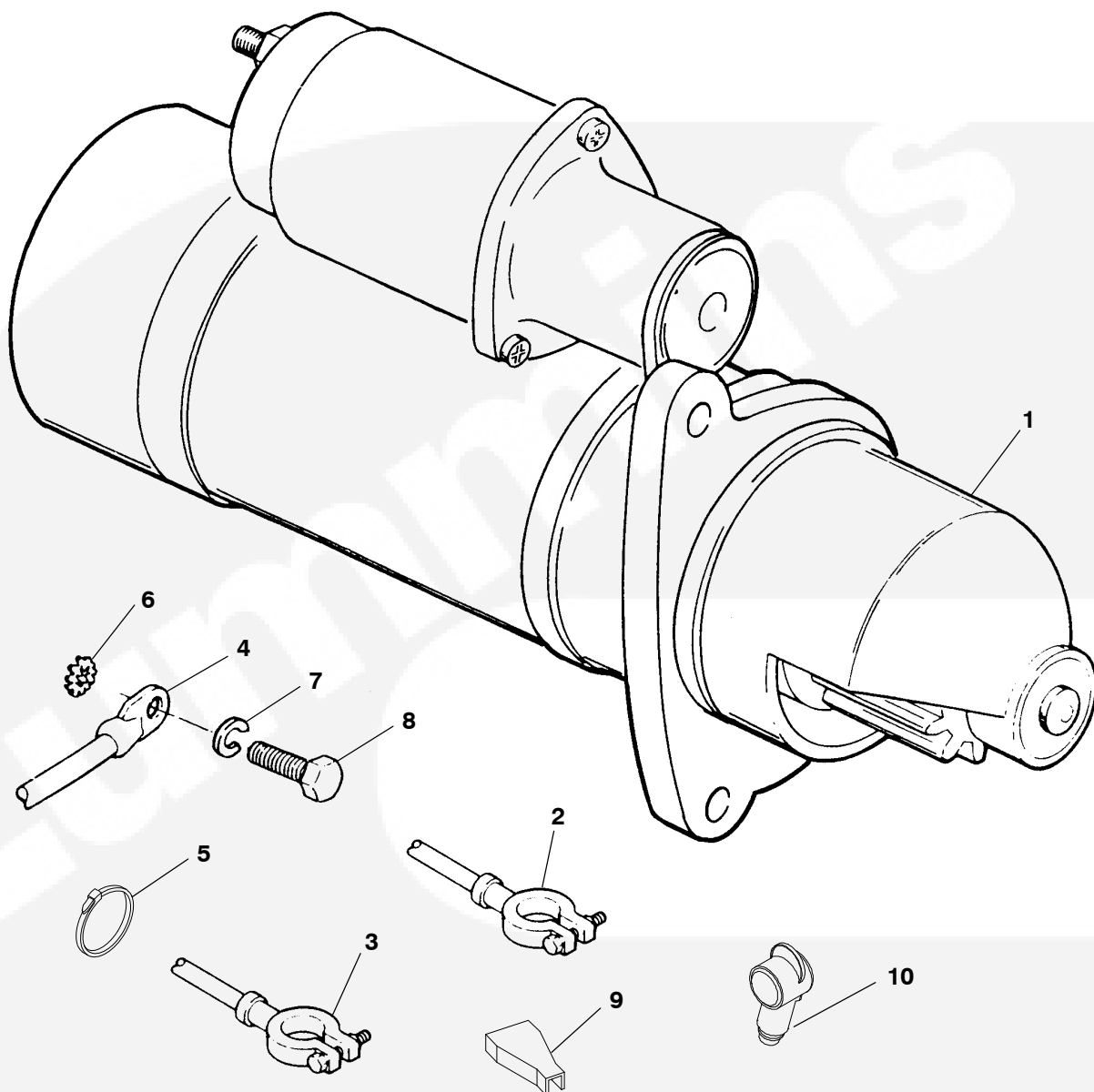
Mounting System Steel Enclosure



Mounting System Steel Enclosure

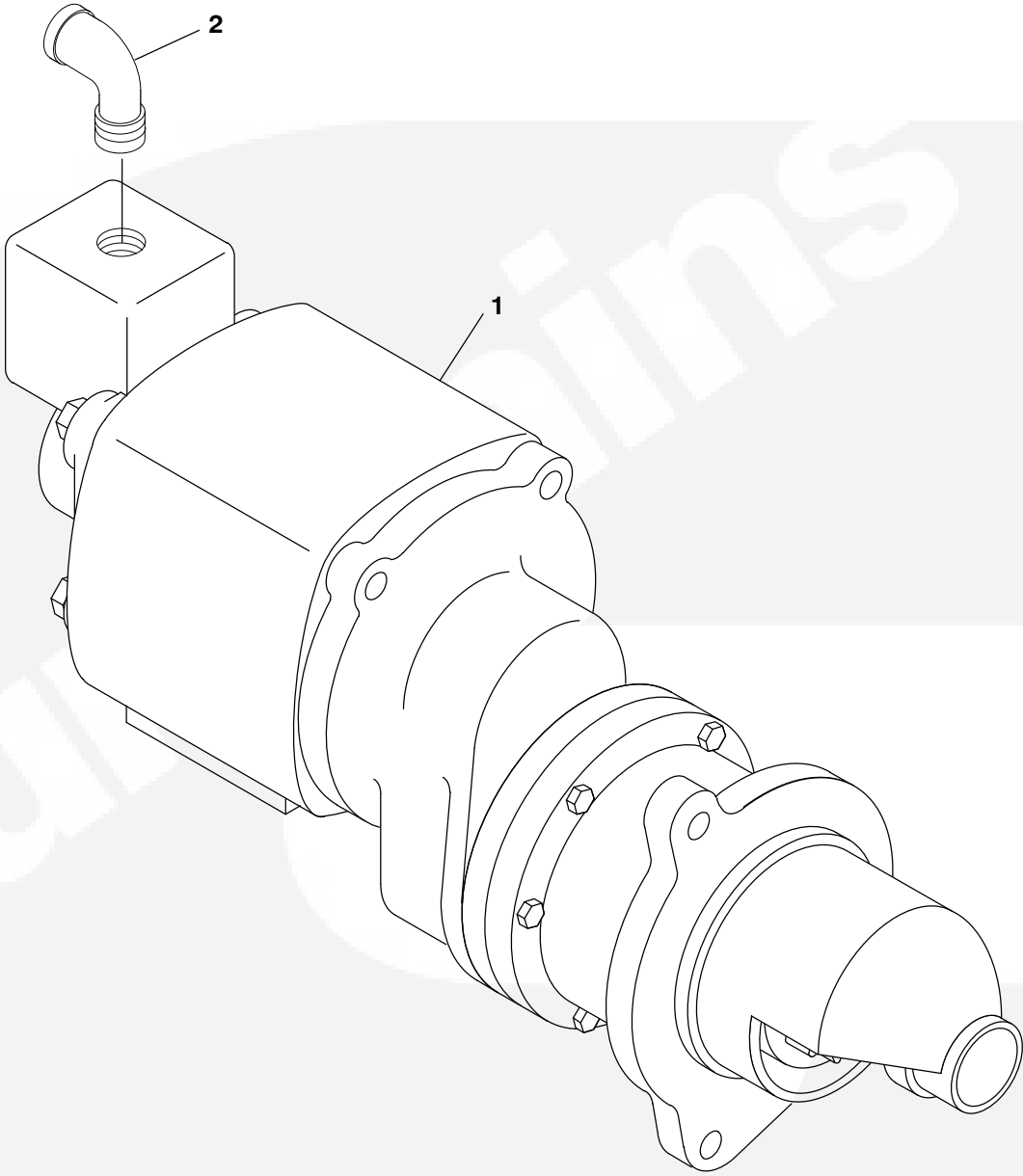
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7508-02	2	Duct, Air – Top, Bottom	19	505-0050	1	Elbow, Street – 90° (1/2) – With Tank
2	405-7510-02	2	Duct, Air – Sides	20	503-2433-01	1	Hose, Breather (3/4 ID)
3	405-5884-03	2	Seal, Radiator – Top, Bottom	21	502-1383	2	Union, Hose (3/4)
4	405-5884-04	2	Seal, Radiator – Sides	22	337-0090-02	1	Strap, Electrical
5	403-5111-02	2	Mount, Fuel Tank	23	853-2012	2	Washer, Lock – W/ET (M12)
6	800-2114	12	Screw, Cap – Hex Head (M12 x 1.75 x 40)	24	503-2434-01	1	Hose, Drain (5/8)
7	526-2140	24	Washer, Flat (M12)	25	503-0131	1	Clamp, Hose
8	860-2010	12	Nut, Hex (M12 x 1.75)	26	502-1030	1	Connector, Hose – 90° (1/2 x 3/4)
9	402-0816-01	4	Isolator, Vibration	27	503-0189	2	Clamp, Hose
10	850-0070	8	Washer, Lock – Split (5/8)	28	503-2433-02	1	Hose, Breather (3/4 ID)
11	800-0132	8	Screw, Cap – Hex Head (5/8-11 x 1.5)	29	405-7657-04	2	Gasket, Enclosure – With Tank
12	402-0820	4	Washer, Snubbing	30	502-0827	1	Hose, Barb (3/4 x 1/2)
13	526-0027	4	Washer, Flat (3/4)	31	502-0876	1	Cap, Pipe (1/2) – Brass
14	403-3362	4	Washer, Bevel	32	518-0704	1	Clamp, J
15	800-0167	4	Screw, Cap – Hex Head (3/4-10 x 6.0)	33	800-0026	1	Screw, Cap – Hex Head (5/16-18 x .75)
16	862-0008-01	4	Nut, Hex (3/4-10)	34	821-5003-03	10	Screw, Hex Head (5/16-18 x 0.75)
17	505-0019	1	Bushing, Reducer (1/2 x 3/8) – With Tank				
18	505-0120	1	Elbow, Street – 90° (3/8) – With Tank				

Electric Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2341	1	Starter (24VDC)	5	332-0941	2	Tie, Cable
2	416-1092	2	Cable, Battery	6	856-0010	1	Washer, Lock - W/EIT (3/8")
	416-1088	2	Sets With 50" Wide Skid (35")	7	850-2010	1	Washer, Lock - Spring (M10)
			Sets With 44" Wide Skid (44")	8	800-2085	1	Screw, Cap - Hex Head (M10 x 20mm)
3	416-1096	1	Cable, Battery - Jumper	9	416-1019	1	Boot, Battery - Red
	416-1097	1	Sets with 44" Wide Skid	10	416-1084-01	1	Boot, Starter - Red
	416-1097	1	Sets with 50" Wide Skid				
4	416-0680	1	Cable, Battery - Starter to Ground (14-1/2")				

Air Starter

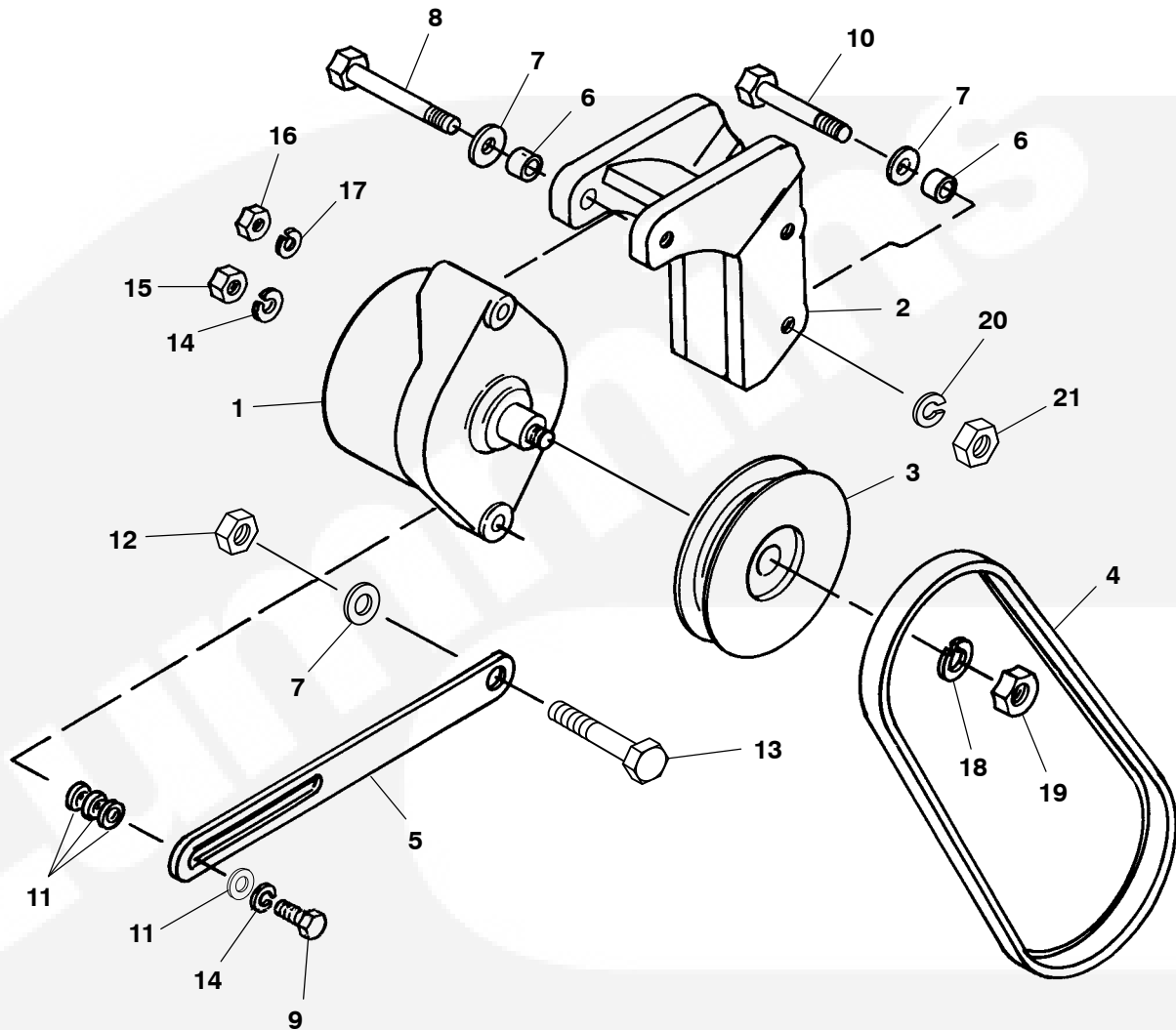


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	127-0387-02	1	Starter, Air

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	502-1054-07	1	Elbow, Street Pipe – 90°



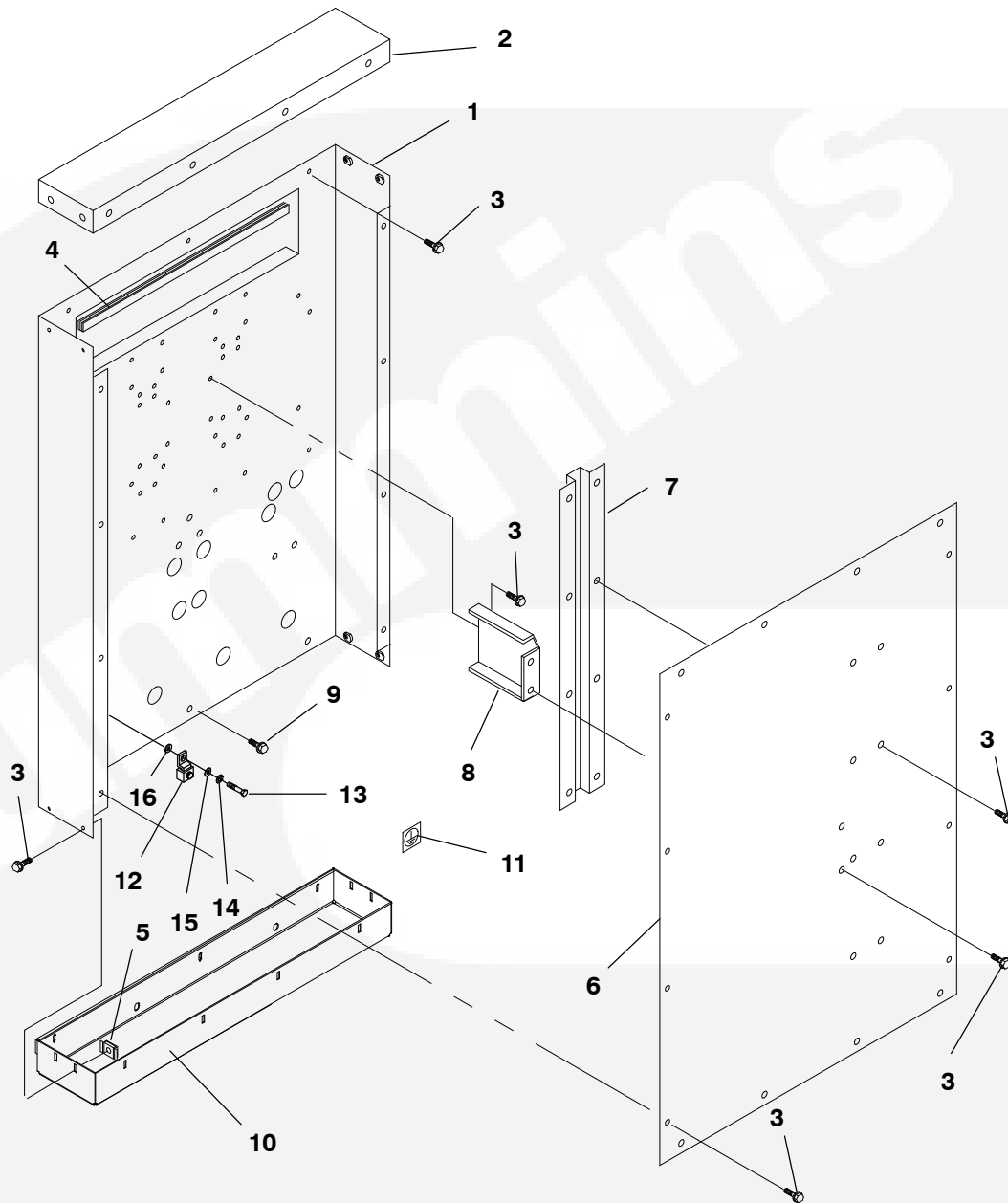
Alternator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2326-02	1	Alternator (24 Volt DC – 55 Amp)
2	191-2072	1	Bracket, Alternator
3	191-1984	1	Pulley, Alternator
4	511-0161-02	1	Belt, V-Ribbed
5	191-1977	1	Bracket, Alternator Adjusting
6	191-1989-07	3	Spacer, Mounting
7	526-2120	4	Washer, Flat (M10)
8	718-1067	1	Screw, Cap – Hex Head (M10 x 90mm)
9	800-2060	1	Screw, Cap – Hex Head (M8 x 35mm)
10	718-1067	2	Screw Cap – Hex Head (M10 x 90mm)

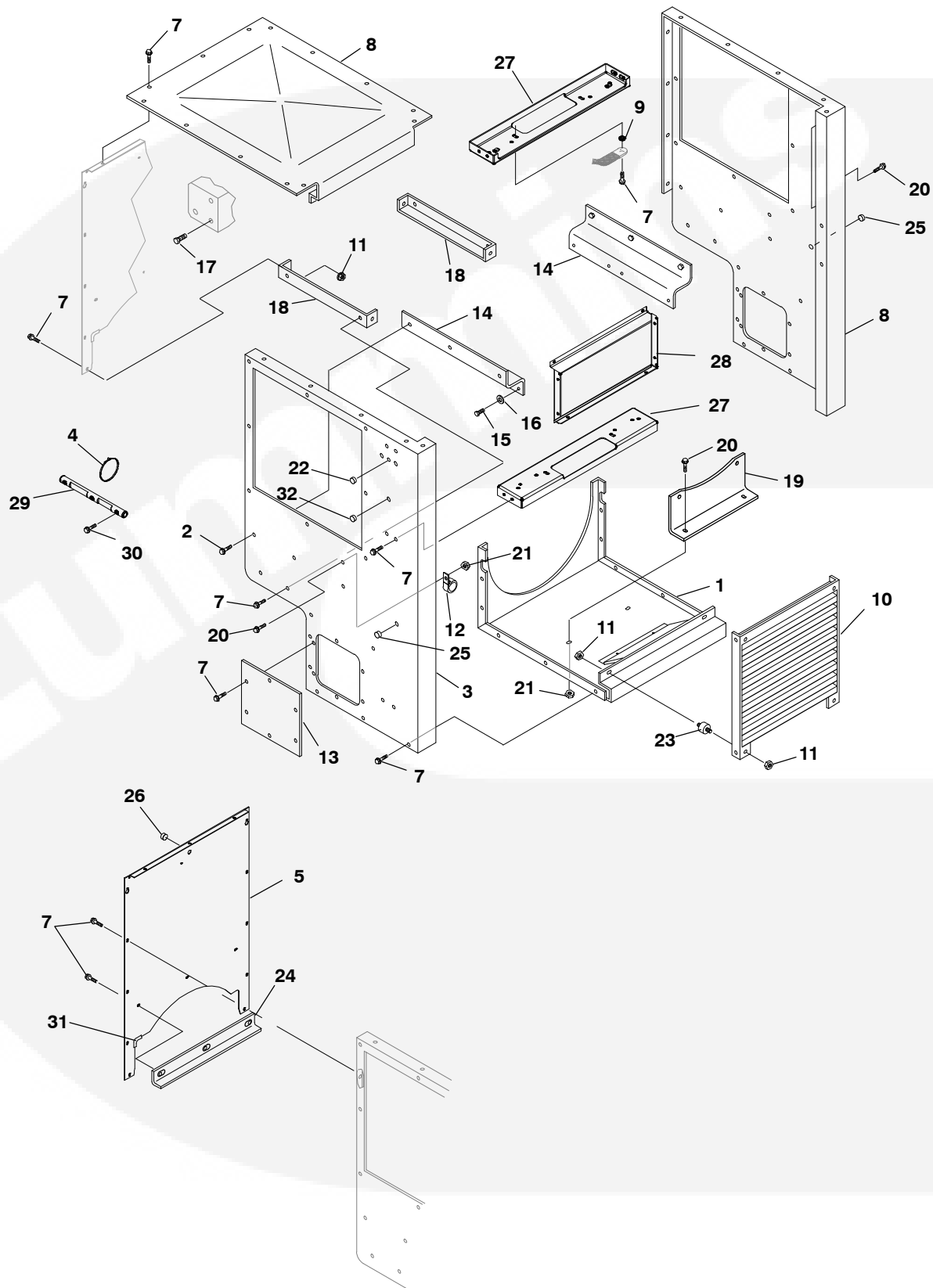
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
11	526-0030	4	Washer, Flat (M8)
12	870-2056	1	Nut, Lock (M10)
13	800-2093	1	Screw, Cap – Hex Head (M10 x 60mm)
14	850-2008	2	Washer, Lock – Spring (M8)
15	860-2008	1	Nut, Hex (M8)
16	850-2005	2	Washer, Lock – Spring (M5)
17	860-2006	2	Nut, Hex (M5)
18	851-0039	1	Washer, Lock – Spring (M16)
19	870-2161	1	Nut, Hex (M16)
20	850-2010	2	Washer, Lock – Spring (M10)
21	860-2009	2	Nut, Hex (M10)

Entrance Box



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3169	1	Box, Entrance	9	821-2035	2	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)
2	319-1915	1	Panel (Top)	10	319-3183	1	Panel (Bottom)
3	821-6002-03	44	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)	11	098-6537	1	Label, Grounding
4	508-1092	-	Edging – Bulk (Order By The Foot – 2 Feet Required)	12	332-2001	1	Lug, Solderless (CSA Grounding)
5	870-0504	16	Nut, Self-Retaining (M6)	13	800-2088	1	Screw, Cap – Hex Head (M10 x 1.5 x 35)
6	319-1916	1	Cover	14	850-2010	1	Washer, Lock – Split
7	319-3284	1	Brace, Cover	15	526-2120	1	Washer, Flat (M10)
8	319-3251		Brace, Cover	16	856-0010	1	Washer – W/EIT

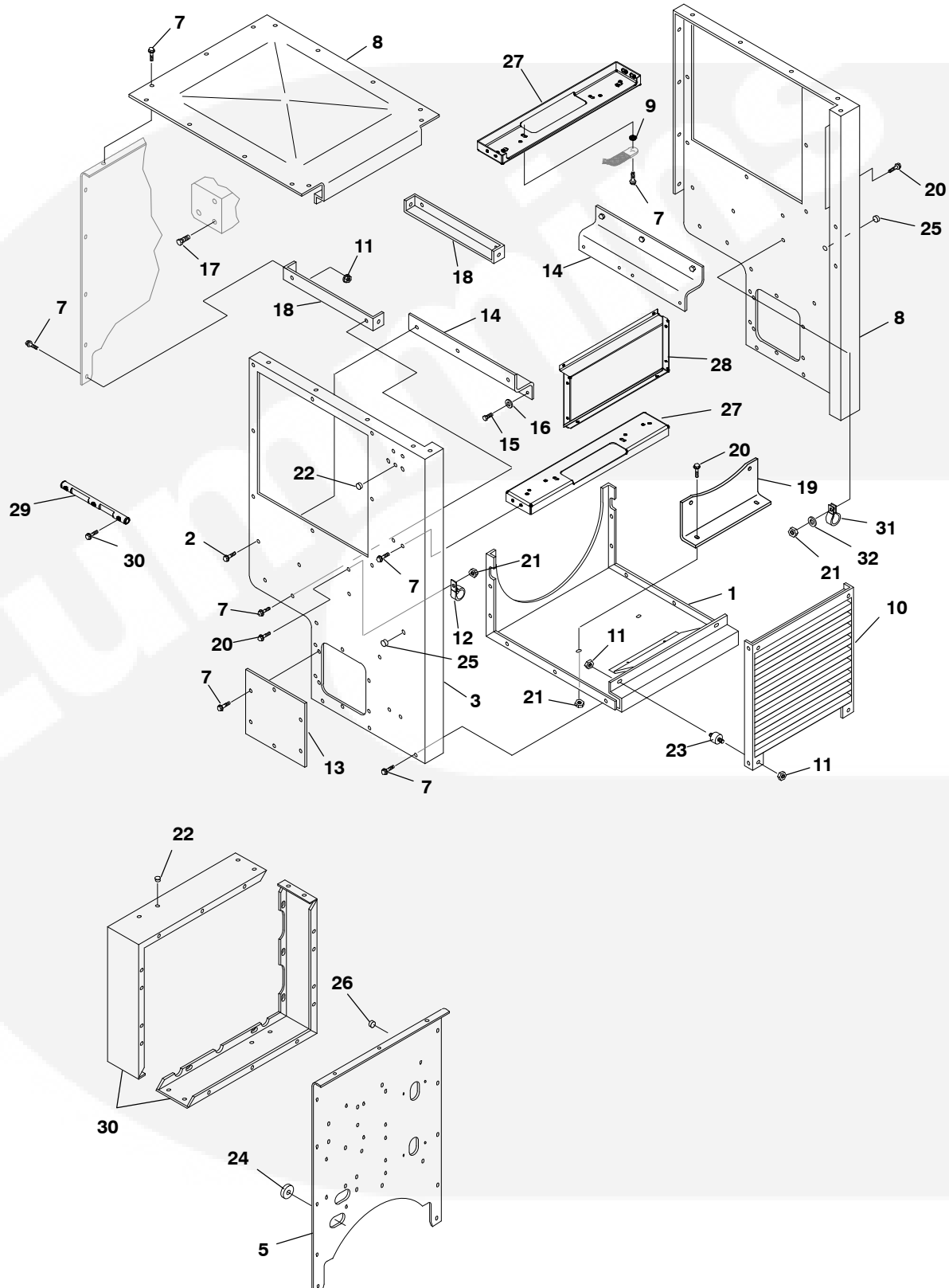
Control Housing PCC2100



Control Housing PCC2100

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3270-01	1	Panel – Bottom	17	800-2114	1	Screw, Cap – Hex Head (M12 x 40mm)
2	821-6004-01	6	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)	18	319-3257	2	Panel, Support
3	319-3287-01	1	Panel – Right Side	19	319-1345	1	Bracket, Panel
4	332-9941	2	Tie, Cable	20	821-6003-02	5	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
5	319-5477-02	1	Panel – Rear	21	870-2055	5	Nut, Locking – Hex Head (M8)
6	301-9512	1	Cover, Top	22	517-0131	1	Plug, Hole (Fits 3/8" Hole)
7	821-6002-03	62	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)	23	402-0729	4	Isolator, Vibration
8	319-3287-02	1	Panel – Left Side	24	319-3291	1	Angle, Stiffener
9	856-0006	1	Washer, Lock – W/EIT (1/4")	25	517-0136	2	Plug, Hole (Fits 3/4" Hole)
10	319-2768	1	Grille	26	517-0135	1	Plug, Hole (Fits 5/8" Hole)
11	870-2054	8	Nut, Locking – Hex Flange Head (M6)	27	405-7249-02	2	Rail, Enclosure (Support)
12	518-0548-02	2	Clamp, "J"	28	405-7254-02	1	Rail, Enclosure (Front)
13	301-9629	2	Cover, Side – Lower	29	332-3740	1	Clamp, Strain
14	319-3255	2	Bracket, Mounting	30	814-2150	3	Screw, Flat Head – Cross Recessed (M3 x 0.5 x 10)
15	800-2111	6	Screw, Cap – Hex Head (M12 x 25mm)	31	508-0305-02	–	Edging (.5 Ft.)
16	850-2012	6	Washer, Lock – Spring (M12)	32	517-0137	1	Plug, Hole

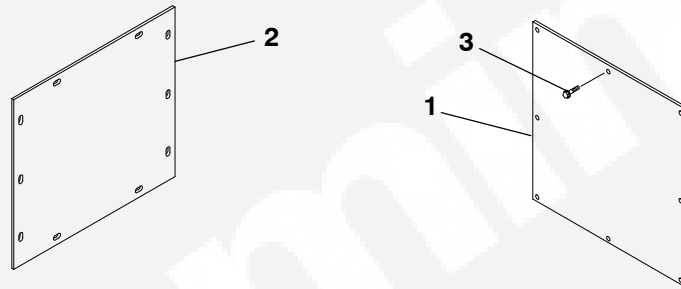
Control Housing PCC3100



Control Housing PCC3100

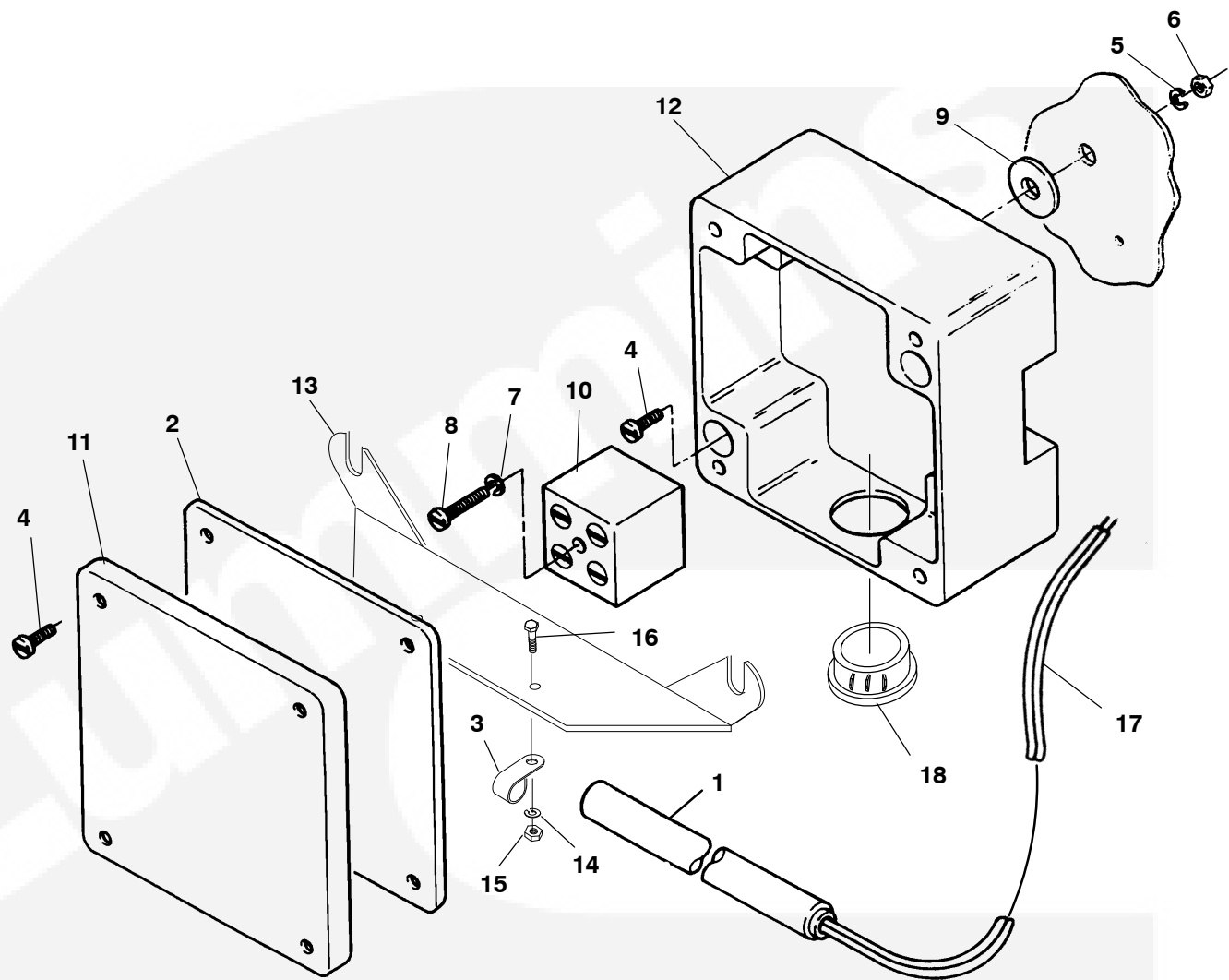
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3270-01	1	Panel – Bottom	17	800-2114	1	Screw, Cap – Hex Head (M12 x 40mm)
2	821-6004-01	6	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)	18	319-3257	2	Panel, Support
3	319-3287-01	1	Panel – Right Side	19	319-1345	1	Bracket, Panel
4	517-0137	1	Plug, Hole (Not Shown)	20	821-6003-02	7	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
5	319-3274	1	Panel – Front	21	870-2055	7	Nut, Locking – Hex Head (M8)
6	301-9512	1	Cover, Top	22	517-0131	3	Plug, Hole (Fits 3/8" Hole)
7	821-6002-03 A/R		Screw, Self-Locking – Hex Washer Head (M6 x 16mm)	23	402-0729	4	Isolator, Vibration
8	319-3287-02	1	Panel – Left Side	24	508-1090	4	Grommet
9	856-0006	2	Washer, Lock – W/EIT (1/4")	25	517-0136	2	Plug, Hole (Fits 3/4" Hole)
10	319-2768	1	Grille	26	517-0135	1	Plug, Hole (Fits 5/8" Hole)
11	870-2054	8	Nut, Locking – Hex Flange Head (M6)	27	405-7249-02	2	Rail, Enclosure (Support)
12	518-0548-02	3	Clamp, "J"	28	405-7254-02	1	Rail, Enclosure (Front)
13	301-9629	2	Cover, Side – Lower	29	821-0014	4	Screw, Locking – Hex Head (5/16-18 x .50)
14	319-3255	2	Bracket, Mounting	30	319-3278	2	Wrapper, Control Box
15	800-2111	6	Screw, Cap – Hex Head (M12 x 25mm)	31	518-0548-24	1	Clamp, Hose
16	850-2012	6	Washer, Lock – Spring (M12)	32	526-2100	1	Washer, Flat (M8)

Control Housing Cover



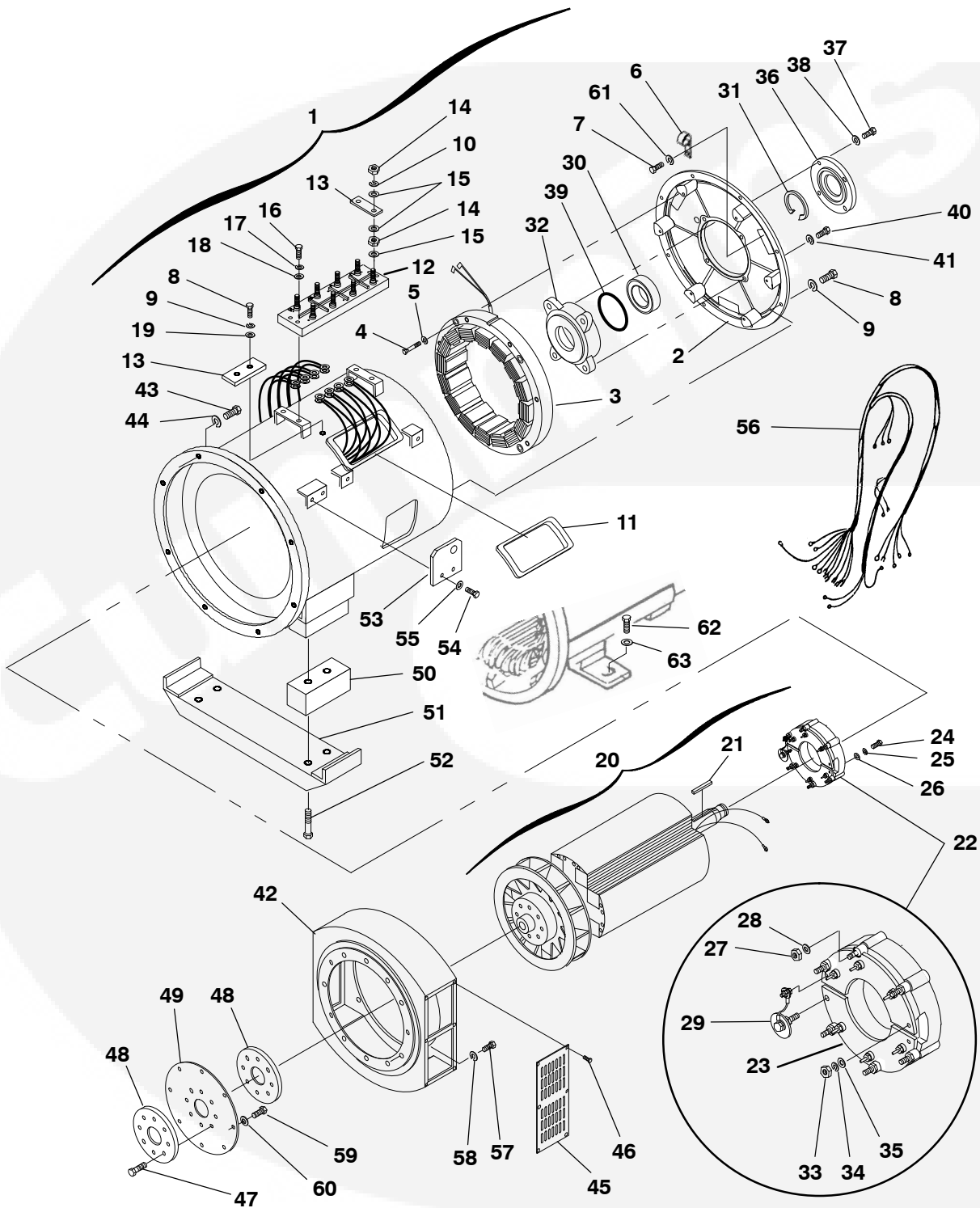
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cover, Control Housing – Side – Upper (23" x 23")	3			Screw, Hex Head (M6 x 1 x 20)
	301-9511	1	With One Circuit Breaker or Entrance Box		821-6002-03	10	With Circuit Breaker and Entrance Box or With Two Circuit Breakers or Two Entrance Boxes
	301-9511	2	No Circuit Breaker or Entrance Box		821-6002-03	18	With One Circuit Breaker or Entrance Box
2	319-2220	1	Cover, Control Box (25-1/4" x 19-1/8")		821-6002-03	26	No Circuit Breaker or Entrance Box

Generator Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cartridge, Heater (150 Watt)	9	508-0228	1	Grommet
	333-0438-03	2	120 Volt	10	332-3023	1	Block, Terminal
	333-0438-04	2	240 Volt	11	330-0141-03	1	Cover, Box
2	330-0141-04	1	Gasket, Cover	12	330-0142	1	Box, Terminal
3	332-3024-14	4	Clamp, Loop	13	232-3850	1	Bracket, Mounting - Heater
4	822-3075	6	Screw, Machine - Slotted Pan Head (M4 x 16mm)	14	850-2005	2	Washer, Lock - Spring (M5)
5	856-0021	2	Washer, Lock	15	860-2006	2	Nut, Hex (M5)
6	860-2005	2	Nut, Hex (M4)	16	800-2008	2	Screw, Cap - Hex Head (M5 x 16mm)
7	850-2003	1	Washer, Lock - Spring (M3)	17	A030F216	1	Sleeving - Heater Leads (59")
8	822-3047	1	Screw, Machine - Pan Head (M3 x 20mm)	18	517-0021	1	Plug, Dot Button

Generator



Generator

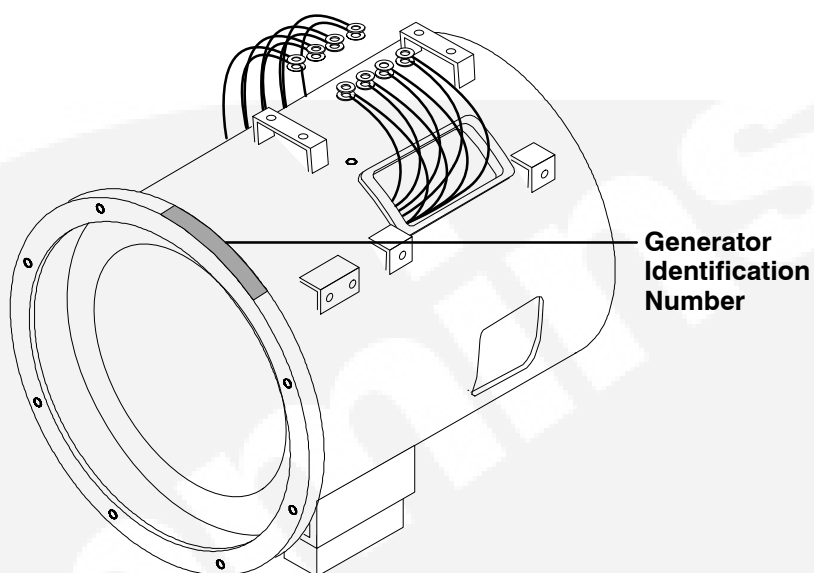
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	-	1	Stator Assembly, Generator – Complete (See Separate Page For Part Numbers) (Includes Parts Marked *)	35	526-2060	2	#Washer, Flat (M5)
2	211-0431	1	*Bell, End	36	232-3981-01	1	#Cover, Bearing Housing
3	220-4248	1	*Stator, Exciter	37	800-2087	4	#Screw, Cap – Hex Head (M10 x 30mm)
4	800-2066	6	*Screw, Cap – Hex Head (M8 x 65mm)	38	850-2010	4	#Washer, Lock – Spring (M10)
5	850-2008	6	*Washer, Lock – Spring (M8)	39	509-0266-03	1	#O-Ring
6	425-1799	1	*Clamp, Cable	40	800-2091	4	Screw, Cap – Hex Head (M10 x 50mm)
7	800-2004	1	*Screw, Cap – Hex Head (M5 x 12mm)	41	850-2010	4	Washer, Lock – Spring (M10)
8	800-3017-39	9	*Screw, Cap – Hex Head (M10 x 35mm)	42	231-0322	1	Adapter, Generator Screw
9	850-0114-55	9	*Washer, Lock – Spring (M10)	43	800-3017-56	6	Cap – Hex Head (M12 x 40mm)
10	850-2012	8	*Washer, Lock – Spring (M12)		725-1103	2	Socket Head (M12 x 40mm) (Bottom Holes)
11	508-0306	2	*Grommet	44	850-0114-56	8	Washer, Lock – Spring (M12)
12	232-3482	1	*Panel, Terminal	45	234-0889	2	Guard, Fan
13	332-3009	4	*Link, Terminal	46	821-6001-02	12	Screw, Self-Locking – Hex Washer Head (M5 x 12mm)
14	860-2010	16	*Nut, Hex (M12)	47	720-1146	8	Screw, Cap – Hex Head (M20 x 60mm)
15	526-2140	24	*Washer, Flat (M12)	48	232-3520-01	2	Spacer, Drive Disc
16	800-2061	4	*Screw, Cap – Hex Head (M8 x 40mm)	49	232-3522	4	Disc, Drive
17	850-2008	4	*Washer, Lock – Spring (M8)	50	232-3524	2	Spacer, Generator Foot
18	526-2100	4	*Washer, Flat (M8)	51	232-3722	1	Foot, Generator
19	526-2120	1	*Washer, Flat (M10)	52	800-2244	4	Screw, Cap – Hex Head (M24 x 80mm)
20	-	1	Rotor Assembly, Generator – Complete (See Separate Page For Part Numbers) (Includes Parts Marked #)	53	232-3523	2	Bracket, Generator Lifting
21	515-0300-01	1	#Key	54	800-3017-55	4	Screw, Cap – Hex Head (M12 x 35mm)
22	201-3460	1	#Rotor Assembly, Exciter (Includes Parts Marked ^)	55	850-0114-56	4	Washer, Lock – Spring (M12)
23	357-0093	1	#^ Rectifier Assembly (Includes Diodes and Varistor)	56	338-3348	1	Harness, Wiring (5 Wire, 23") (4,5,6,7,8 to 4,5,6,7,8) (Not Used On All Models)
24	800-2042	4	#^ Screw, Cap – Hex Head (M6 x 60mm)	57	800-0074	12	Screw, Cap – Hex Head (7/16-14 x 1-3/4")
25	850-2006	4	#^ Washer, Lock – Spring (M6)	58	850-0055	12	Washer, Lock – Spring (7/16")
26	526-2080	4	#^ Washer, Flat (M6)	59	805-0032	8	Bolt, Place (1/2-13 x 1-1/4")
27	870-2064-02	6	#^ Nut, Hex (M5)	60	526-0035	8	Washer, Flat (1/2")
28	526-2060	6	#^ Washer, Flat (M5)	61	850-2005	1	*Washer, Lock – Spring (M5)
29	249-0797	1	Kit, Diode (Includes Varistor And All Diodes)	62	800-0183	2	Screw, Cap – Hex Head (1-8 x 2-1/2")
30	510-0168	1	#Bearing, Ball	63	850-0086	2	Washer, Lock – Spring (1")
31	518-0018	1	#Ring, Retaining				
32	232-3518-01	1	#Housing, Bearing				
33	860-2006	2	#Nut, Hex (M5)				
34	850-2005	2	#Washer, Lock – Spring (M5)				

* – Parts Included In Generator Stator Assemblies

– Parts Included In Generator Rotor Assemblies

^ – Parts Included In 201-3460 Exciter Rotor Assembly

Generator Rotor and Stator Part Numbers

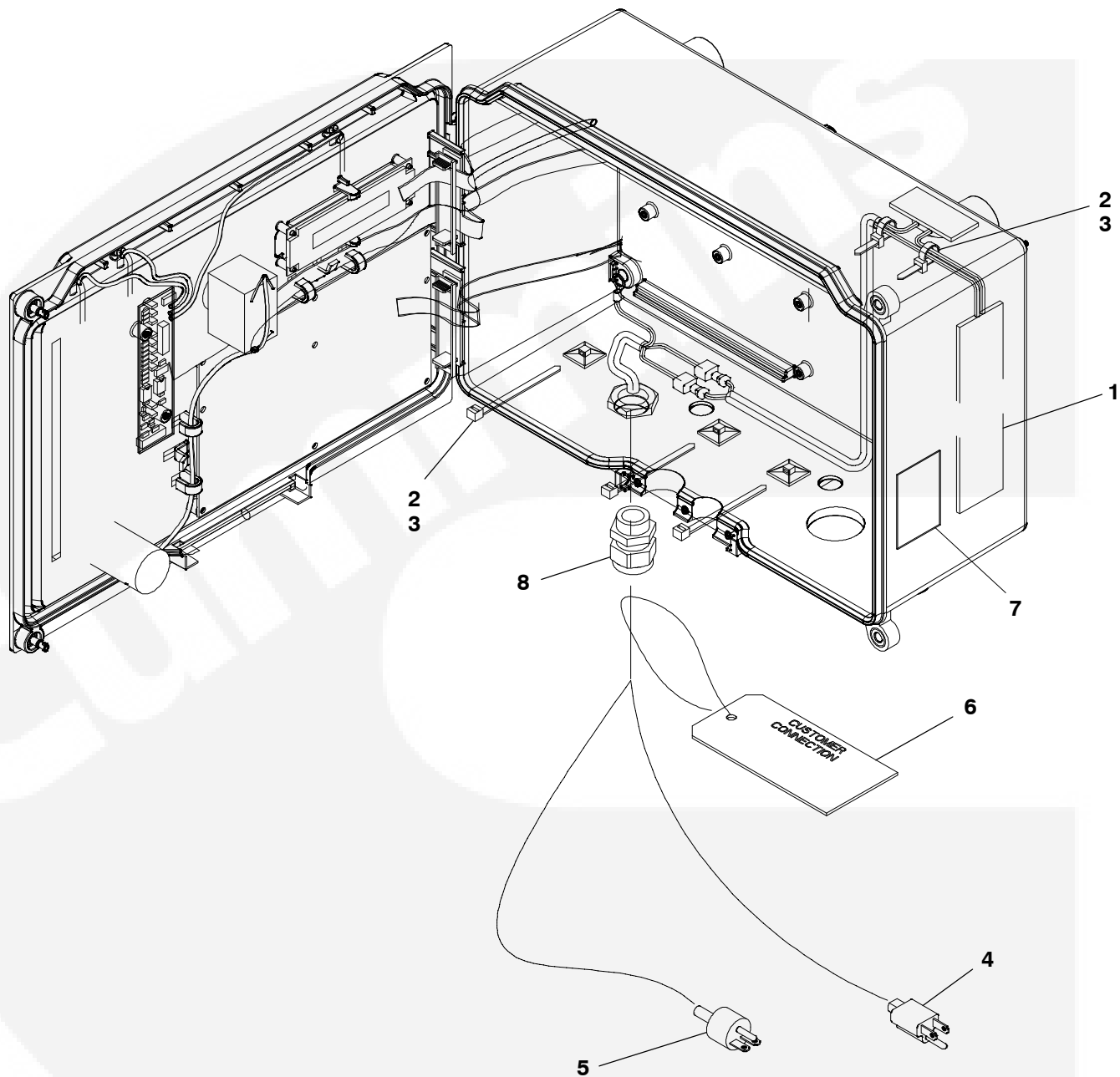


Service replacement part numbers for the main generator stator and rotor can be determined by locating the Cummins Power Generation 249-XXXX-XX generator identification number. This number is stamped on the engine end of the main stator adapter ring in the area shown in the above illustration. Find the corresponding number in the chart below for the stator and rotor replacement part numbers. For COMPLETE generator replacement use the 249-XXXX-XX Cummins Power Generation identification number.

Component parts that are included with the main stator and rotor are listed on the Generator pages of this catalog.

Cummins Power Generation Identification Number	Stator Assembly Part Number	Rotor Assembly Part Number
249-0168-02	220-4252-01	201-3459-01
249-0168-03	220-4252-02	201-3459-02
249-0168-04	220-4252-03	201-3459-03
249-0168-05	220-4252-04	201-3459-04
249-0171-02	220-4252-07	201-3459-01
249-0171-03	220-4252-08	201-3459-02
249-0171-04	220-4252-09	201-3459-03
249-5080-02	220-4468-01	201-3459-01
249-5080-03	220-4468-02	201-3459-02
249-5080-04	220-4468-03	201-3459-03
249-5080-05	220-4468-04	201-3459-04
249-5081-02	220-4468-07	201-3459-01
249-5081-03	220-4468-08	201-3459-02
249-5081-04	220-4468-09	201-3459-03

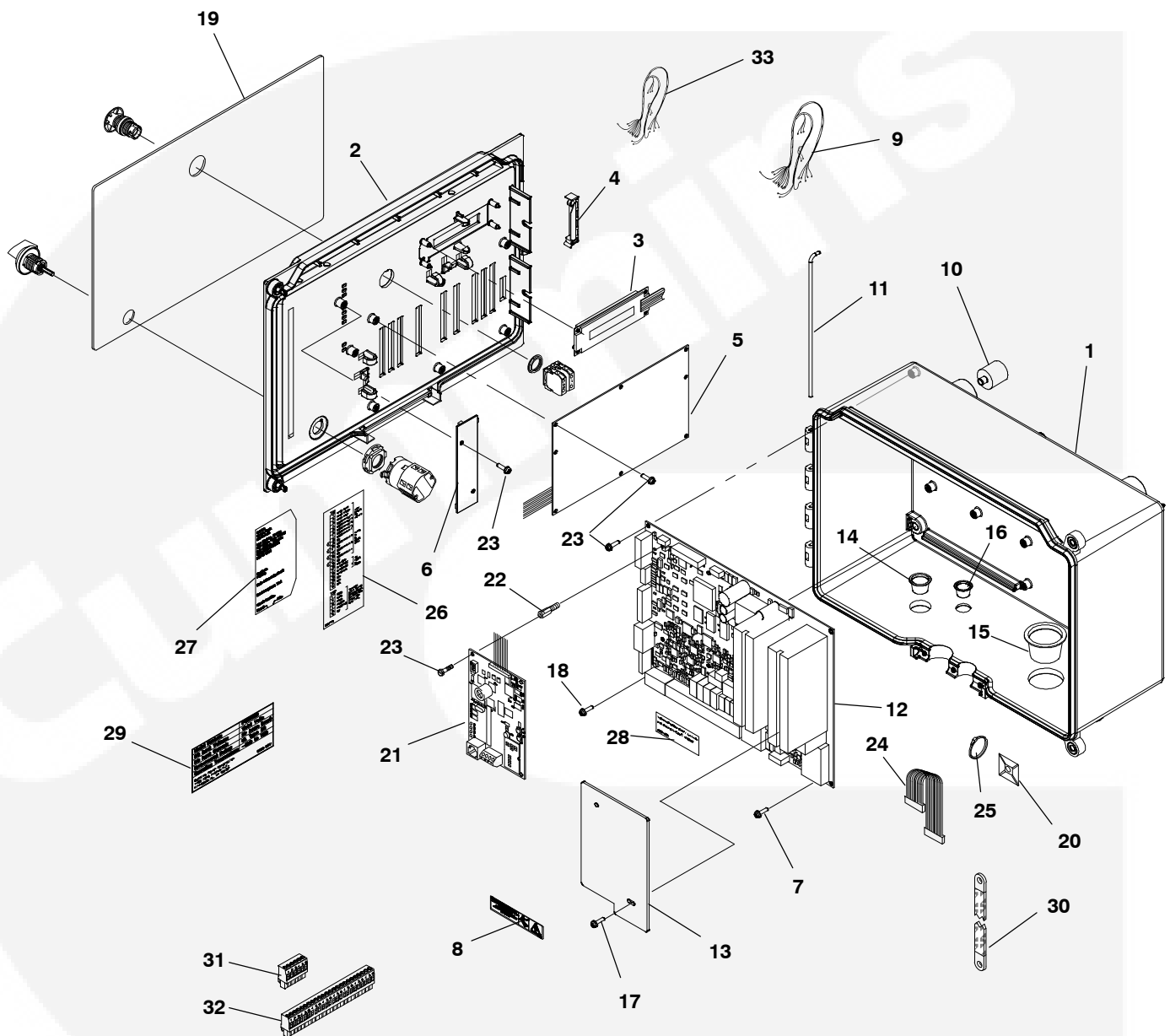
Control Heater
PCC2100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	333-0661-01	1	Heater, Control 120V
	333-0661-02	1	240V
2	332-2420	3	Mount, Cable Tie
3	332-1445	3	Tie, Cable
4	335-0173	1	Cable, Control Heater - 120V
5	335-0173-01	1	Cable, Control Heater - 240V

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	098-6927	1	Tag, Heater 120V
	098-6928	1	240V
7	098-6195	1	Label, Caution
8	323-2003-02	1	Strain Relief

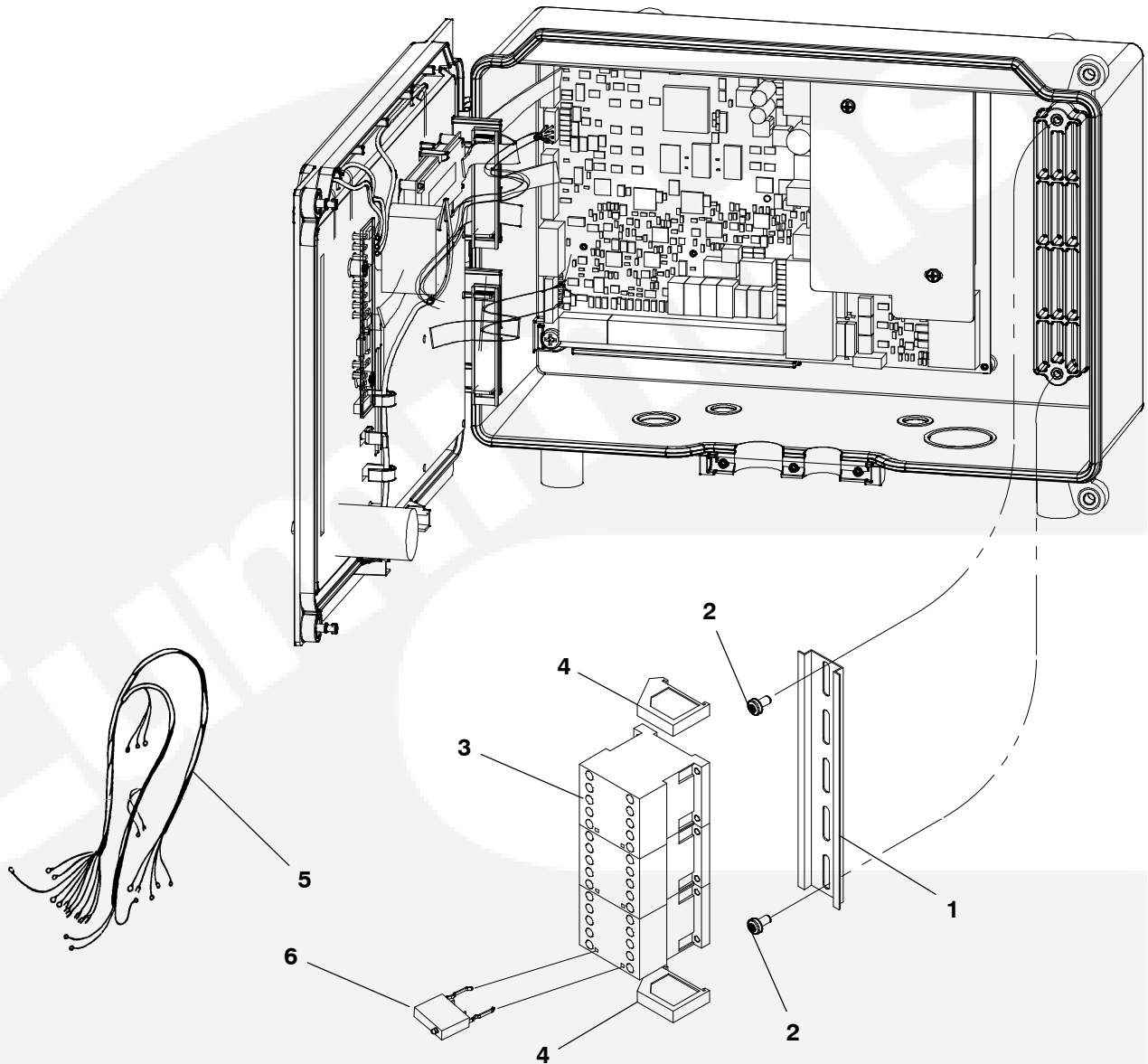
Control PCC2100



Control PCC2100

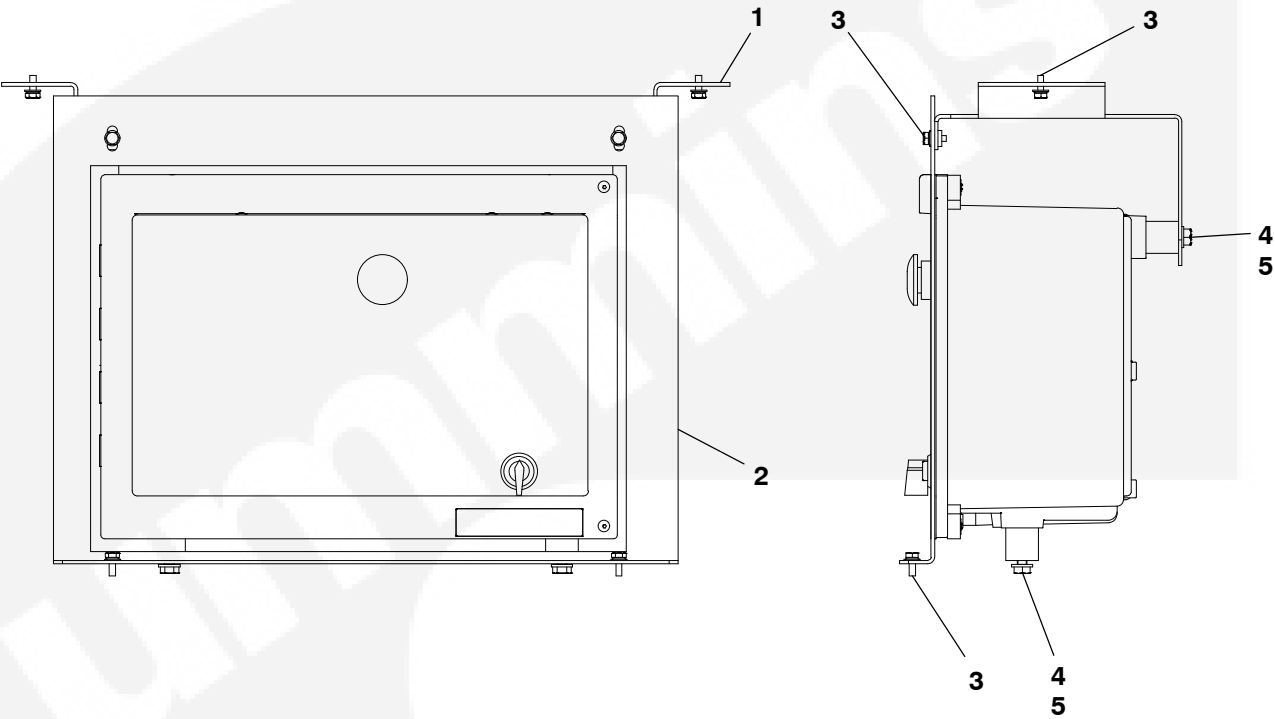
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4487	1	Box, Control	19			Panel, Membrane
2	319-4488	1	Door Control		300-5446	1	With Bargraph
3	300-5467	1	Display, Digital		300-5447	1	Without Bargraph
4	332-3896	4	Clamp, Cable	20	332-2420	2	Mount, Cable Tie
5	300-5180	1	Board, Printed Circuit – Bargraph	21	327-1275	1	Board, Printed Circuit – NCM
6	300-5383	1	Board, Printed Circuit – LED	22	870-2213-02	4	Standoff, Hex Threaded – With NCM
7	819-1137-02	4	Screw, Pan Head – Cross Recessed (M3 x 8)	23			Screw, Pan Head – Cross Recessed (M3 x 6)
8	098-7904	2	Label, Danger		819-1137-01	11	Without Bargraph
9	A040U800	1	Harness, Control – Door		819-1137-01	17	With Bargraph
10	402-0764-01	4	Mount, Isolator	24	335-0189	1	Cable, Ribbon
11	406-0845	1	Pin, Hinge	25	332-1445	3	Tie, Cable
12	327-1379-01	1	Board, Printed Circuit – Base	26	098-7918	1	Label, Information
13	319-4497	1	Guard, Electrical	27	098-7961-01	1	Label, Information – Panel Insert
14	517-0356	1	Plug, Hole (Fits 22.5mm DIA. Hole)	28	098-7989	1	Label, Instruction – Torque
15	517-0357	1	Plug, Hole (Fits 38mm DIA. Hole)	29	098-8057	1	Label, Information – Rating
16	517-0355	2	Plug, Hole (Fits 16mm DIA. Hole)	30	337-0049	1	Strap, Bond
17	815-0792-02	2	Screw, Machine – Pan Head (M4 x 0.7 x 8)	31	323-1951	1	Connector, Plug (6 Position, Vertical)
18	819-1144	2	Screw, Pan Head – Cross Recessed (M6 x 8)	32	323-1953	1	Connector, Plug Positive (22 Position, Vertical)
				33	338-5027	1	Kit, Control Harness

Control Relay PCC2100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-3842-01	1	Rail, Terminal Block	4	332-2878	2	Bracket, End - Terminal
2	819-1154	2	Screw, Pan Head	5	338-4438	1	Harness, Relay
3	307-2874	3	Relay, Control - 24V (K10, K11, K12)	6	305-1009	3	Suppressor, Voltage

Control Installation
PCC2100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7246-02	1	Rail, Enclosure – Control	4	526-2100	4	Washer, Flat (M8)
2	405-7248-02	1	Panel, Enclosure – Control	5	800-2054	4	Screw, Cap – Hex Head (M8 x 1.25 x 14)
3	821-6002-02	6	Screw, Hex Head (M6 x 1.0 x 12)				

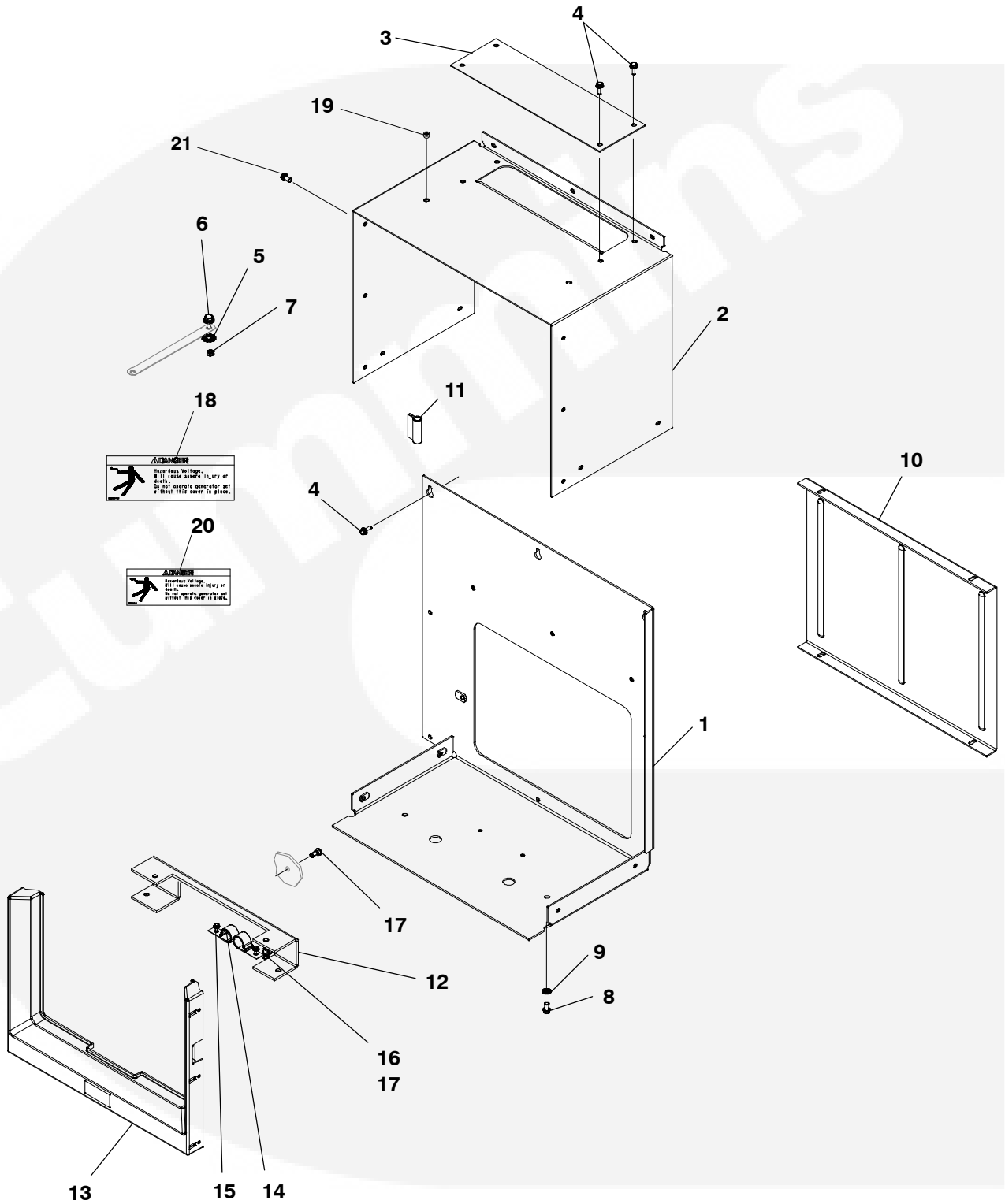
This diagram illustrates the exploded view of a cable assembly, with components numbered 1 through 21. The components are as follows:

- 1:** A bundle of 21 individual wires.
- 2:** A small rectangular component, likely a connector or plug.
- 3:** A small rectangular component, likely a connector or plug.
- 4:** A small rectangular component, likely a connector or plug.
- 5:** A small rectangular component, likely a connector or plug.
- 6:** A small rectangular component, likely a connector or plug.
- 7:** A small rectangular component, likely a connector or plug.
- 8:** A small rectangular component, likely a connector or plug.
- 9:** A small rectangular component, likely a connector or plug.
- 10:** A small rectangular component, likely a connector or plug.
- 11:** A small rectangular component, likely a connector or plug.
- 12:** A small rectangular component, likely a connector or plug.
- 13:** A small rectangular component, likely a connector or plug.
- 14:** A small rectangular component, likely a connector or plug.
- 15:** A small rectangular component, likely a connector or plug.
- 16:** A small rectangular component, likely a connector or plug.
- 17:** A small rectangular component, likely a connector or plug.
- 18:** A small rectangular component, likely a connector or plug.
- 19:** A small rectangular component, likely a connector or plug.
- 20:** A small rectangular component, likely a connector or plug.
- 21:** A small rectangular component, likely a connector or plug.

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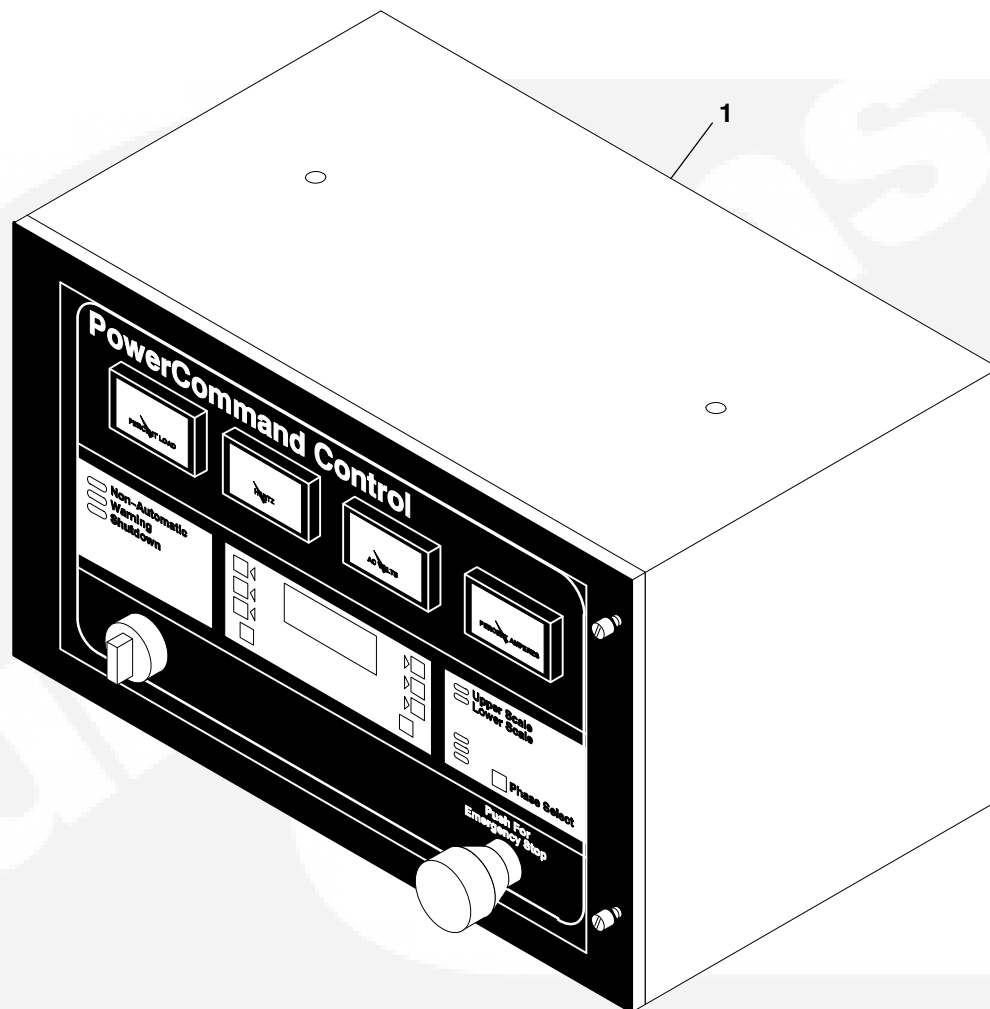
Control Assembly



Control Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-5025-02	1	Cover, Control	10	405-7666-02	1	Cover, Access
2	319-5026-02	1	Cover, Control	11	508-1188	-	Edging - Bulk (Order by the Foot - 5 Feet Required)
3	319-5027-02	1	Cover, Control	12	319-4456-02	1	Bracket, Control (2100 Control)
4			Screw, Hex Head (M6 x 1 x 16)	13	319-4457	1	Panel, Control (2100 Control)
	821-6002-03	23	3100 Control	14	332-3196	2	Clamp, J (2100 Control)
	821-6002-03	25	2100 Control	15	821-6001-01	2	Screw, Cap - Hex Head (M8 x 1.25 x 14) (2100 Control)
5			Washer, Lock - W/EIT (3/8)	16	526-2100	4	Washer, Flat (M8) (2100 Control)
	856-0010	2	3100 Control	17	800-2054	4	Screw, Cap - Hex Head (M8 x 1.25 x 14) (2100 Control)
	856-0010	1	2100 Control	18	098-5347	2	Label, Danger
6	821-6003-01	3	Screw, Hex Head (M8 x 1.25 x 16) (3100 Control)	19	517-0131	2	Plug, Hole (2100 Control)
7	860-2008	2	Nut, Hex (M8 x 1.25) (3100 Control)	20	098-5347-01	1	Label, Danger (2100 Control)
8	850-0045	4	Washer, Lock - Split (5/16) (3100 Control)	21	815-0943-02	6	Screw, Head Washer Head - Thread Forming (2100 Control)
9	821-0014	4	Screw, Locking - Hex Head (5/16-18 x 1/2) (3100 Control)				

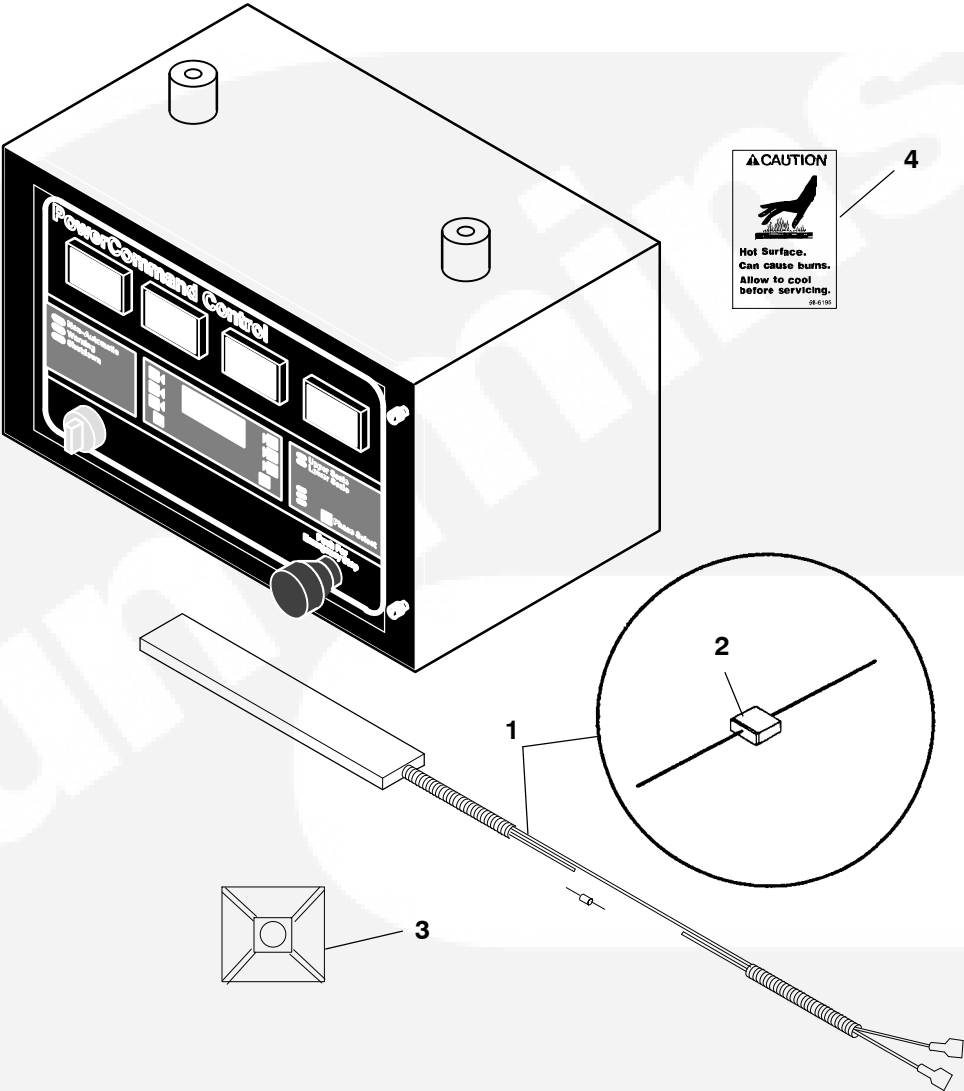
Control PCC3100



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.			

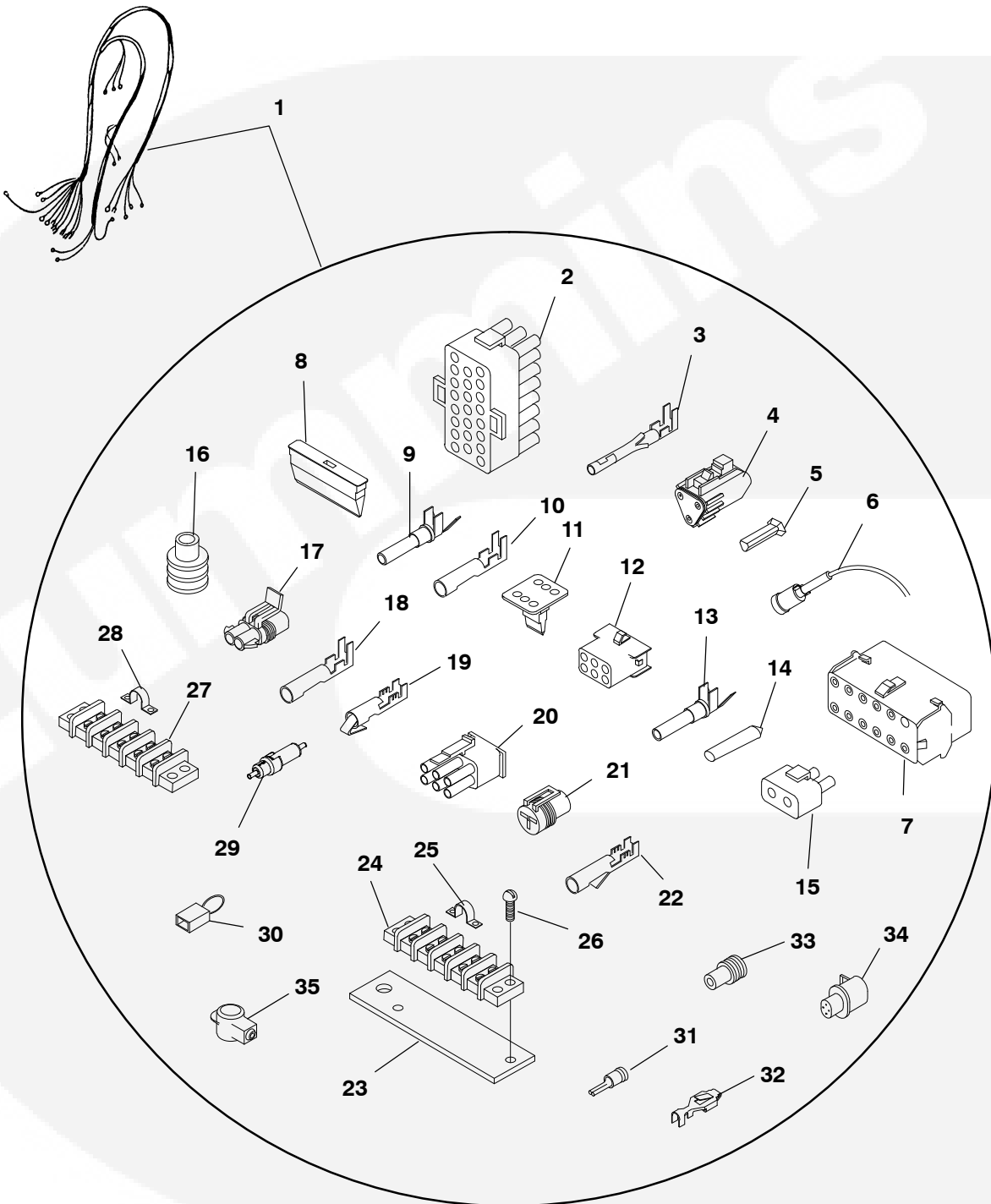
Control Heater
PCC3100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater Assembly, Control – 100 Watt (Includes Rectifier)
	300-4515-01	1	120 Volt
	300-4515-02	1	240 Volt

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	357-0114	1	Rectifier (3 Amp)
3	332-2420	1	Mount, Cable
4	098-6195	1	Label, Caution
5	335-0173-02	1	Cable (120V) (Not Shown)

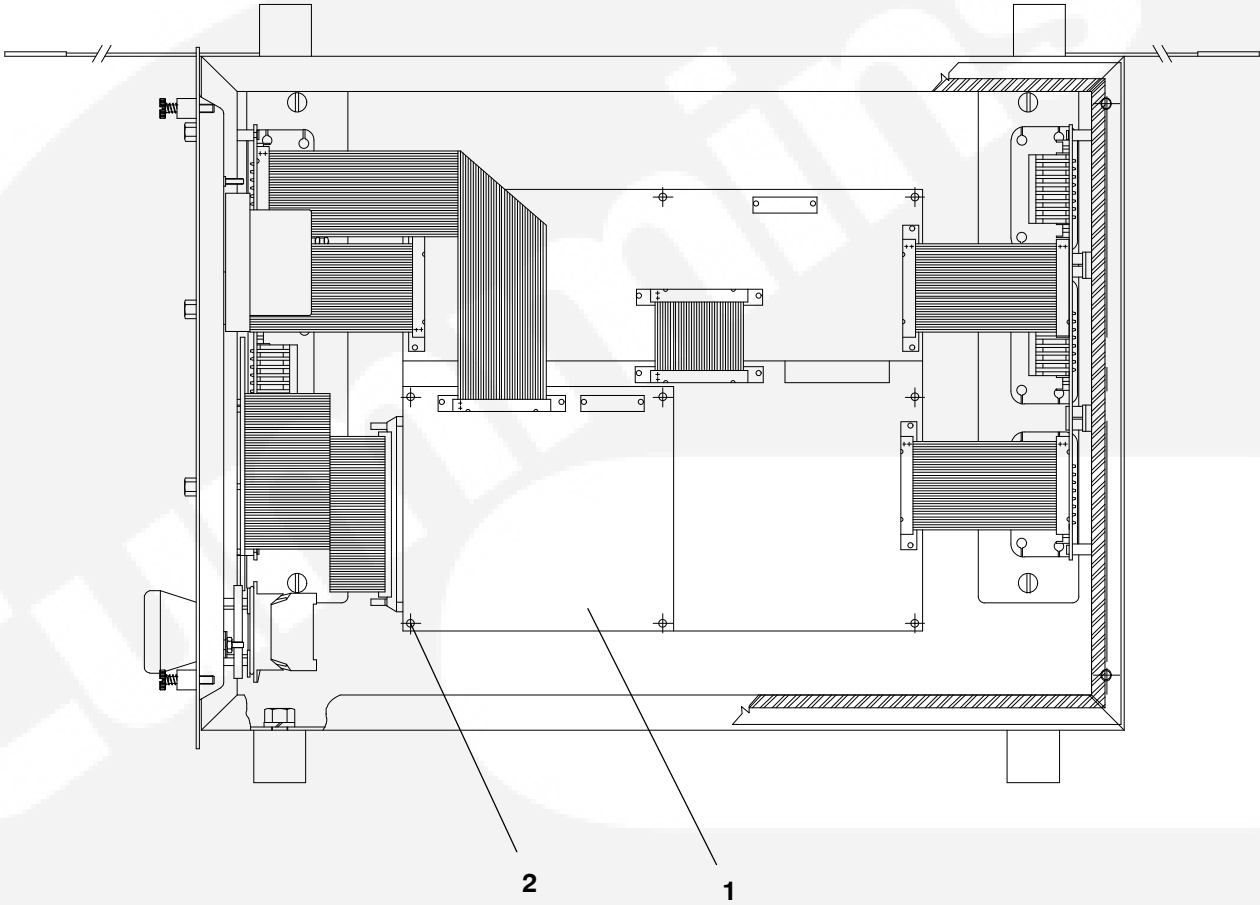
Wiring Harness PCC3100



Wiring Harness PCC3100

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4056	1	Harness, Wiring – Engine To Control – Generator Sets With PCC3100 (Includes All Parts Listed Below Except As Noted In The Description)	20	323-1643-01	1	Plug, Connector (6 Place) (P10)
2			Plug, Connector (23 Place)	21	323-1666	1	Socket, Connector (3 Place) (E1)
	323-1605-03	1	Colored Grey (P5)	22	323-1667	1	Socket, Contact (Used In E1)
	323-1605-02	2	Colored Natural (P4, P6)	23			Bracket, Mounting – Terminal Marked "26" (T26)
3	323-1614-01	50	Socket, Contact (Used In P4, P5, P6)		319-2006-01	1	Marked "GND" (GND-ENG)
4	323-1493	1	Plug, Connector (3 Place)	24	332-0604	2	Block, Terminal (5 Place)
5	323-1503	1	Wedge (Used In P3)	25	332-1043	8	Jumper
6	338-2592-01	1	Cable, Magnetic Pickup (84") (Includes Indented Sockets Listed Below) (P1)	26	815-0538	4	Screw, Machine – Round Head – W/IT (#8-32 x 1/2")
	323-1614-01	3	Socket, Contact	27	332-0604	1	Block, Terminal (5 Place) (TB-BAT)
7	323-1580	1	Housing, Connector (12 Place) (J12)	28	332-1043	3	Jumper (Used On TB-BAT)
8	323-1581	1	Wedge (Used In J12)	29	321-0370	1	Holder Assembly, Fuse (Used On TB-BAT) (Includes Indented Parts Listed Below)
9	323-1491	6	Pin, Contact		321-0371	1	Holder, Fuse
10	323-1648	5	Socket, Contact (Used In P10)		321-0372-07	1	Fuse – 20 Amp (Cartridge Type)
11	323-1624	1	Wedge (Used In P7)	30	338-3285	1	Harness Assembly, Jumper (Includes Parts Indented Below) (Used On E6)
12	323-1623	1	Plug, Connector (6 Place) (P7)		323-1652	1	Socket, Connector (2 Place)
13	323-1492	9	Socket, Contact		323-1445	2	Seal
14	323-1615	1	Plug (Used In P4, P5, P6) (Quantity Used As Required)		323-1718	2	Pin, Contact
15	323-1637	1	Socket, Connector (2 Place) (E6)	31	332-3496	2	Pin, Contact
16	323-1445	3	Seal, Cable (Used In E2, E4, E6)	32	323-1709	4	Socket, Contact
17	323-1540	2	Socket, Connector (2 Place) (E2, E4)	33	323-1708	4	Seal, Cable
18	323-1444	2	Socket, Contact (Used In E6)	34	323-1765	1	Housing, Connector
19	332-3096-01	4	Socket, Contact (Used In E2, E4)	35	416-1021-03	2	Boot

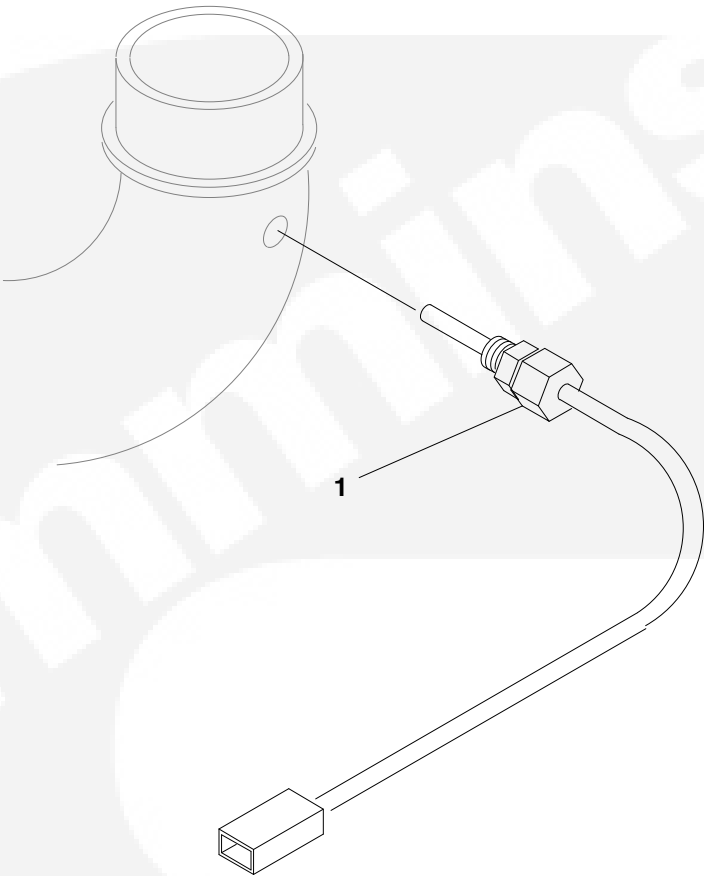
GCM
PCC3100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	327-1301	1	Board, Printed Circuit – GCM
2	332-3235	4	Standoff, Printed Circuit Board (#6-32 x .75)

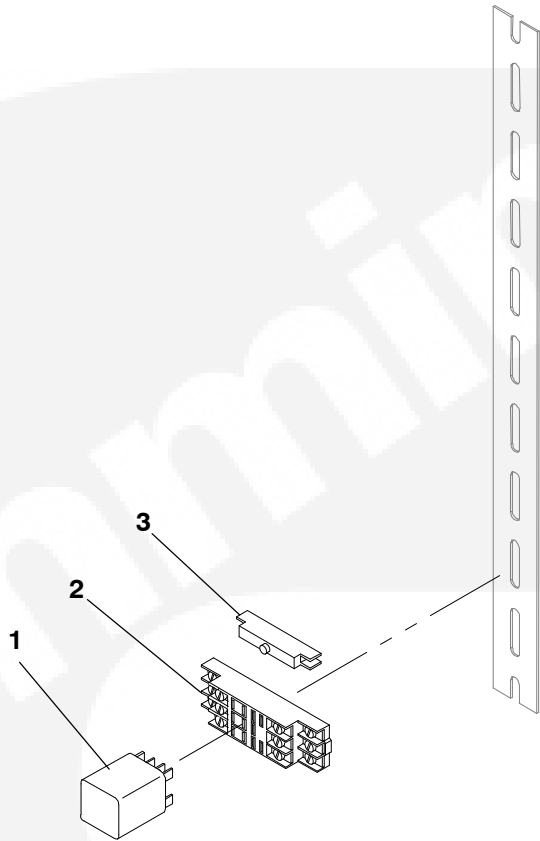
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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Pyrometer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0446-01	1	Pyrometer (17") (M26)				

Common Alarm Relay
PCC3100

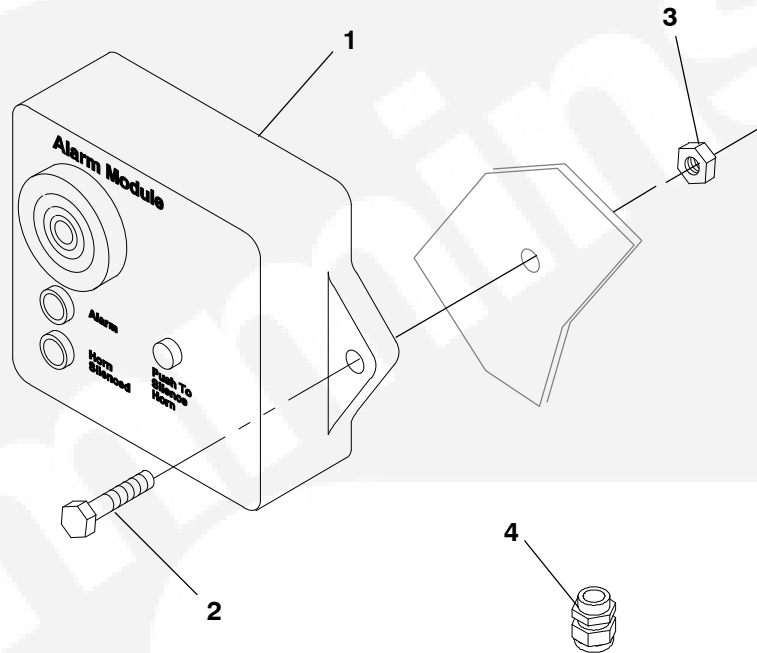


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-1056-01	1	Relay (24 Volt)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	323-1410-01	1	Socket, Relay
3	323-1411-01	2	Clip, Socket Mounting

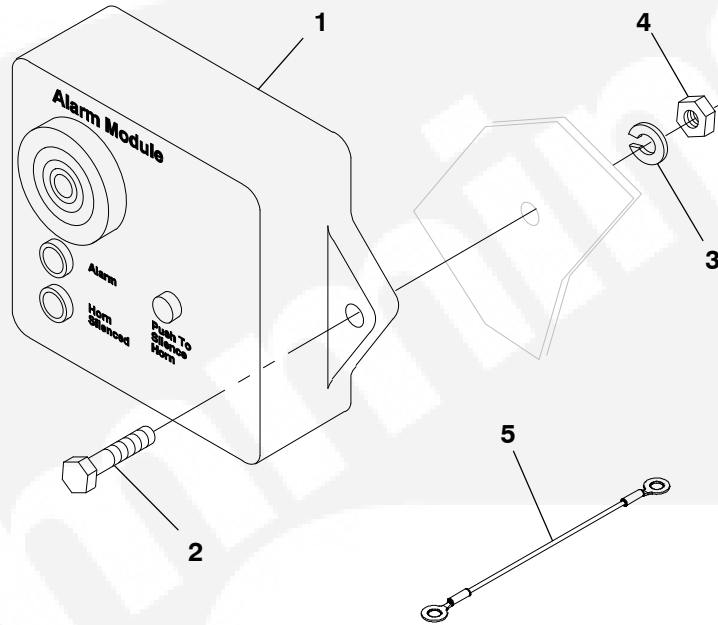


Alarm Module PCC2100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3998-01	1	Module, Alarm (24V)	3	870-2054	2	Nut, Lock – Flange (M6 x 1)
2	821-2034	2	Screw, Cap – Hex Head (1/4-20 x 7/8)	4	323-2003-01	1	Strain Relief

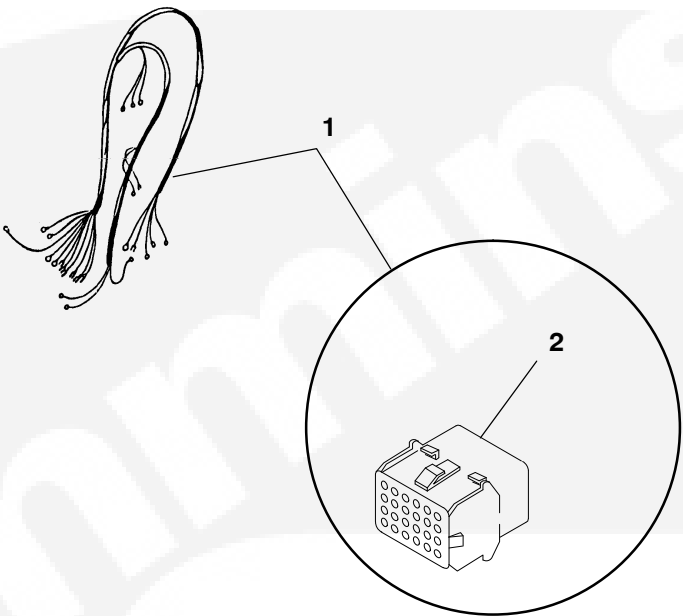
Alarm Module PCC3100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3998-01	1	Module, Alarm
2	800-0006	2	Screw, Cap – Hex Head (1/4-20 x 7/8")

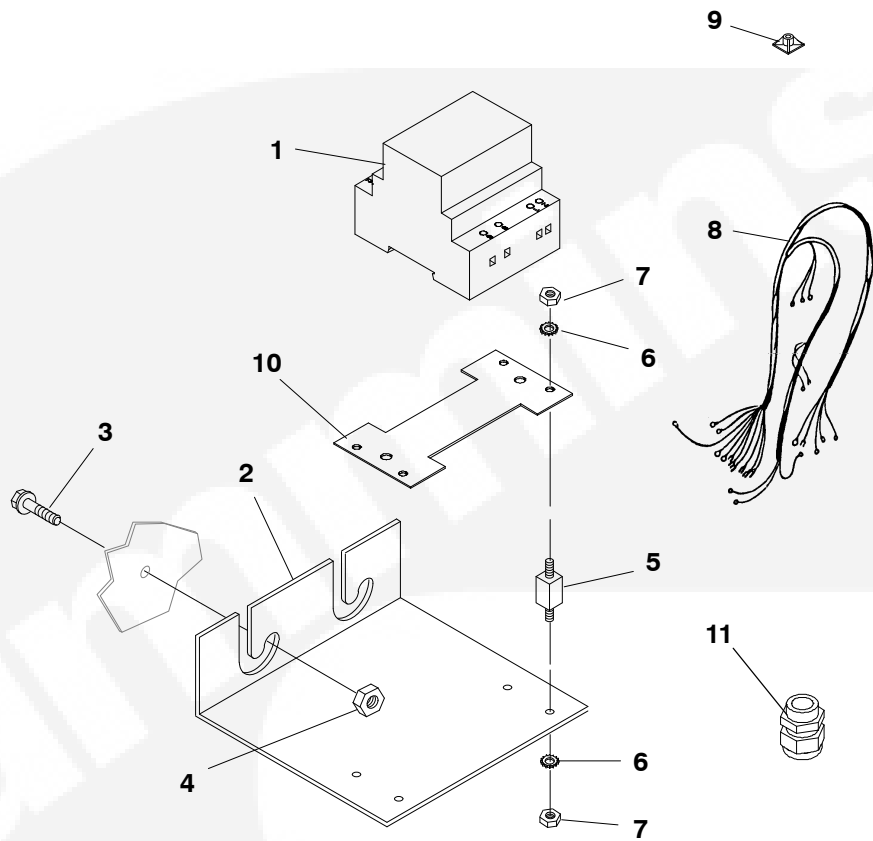
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	850-0040	2	Washer, Lock (1/4")
4	862-0001	2	Nut, Hex (1/4-20)
5	226-4696	1	Lead

AC Wiring Harness



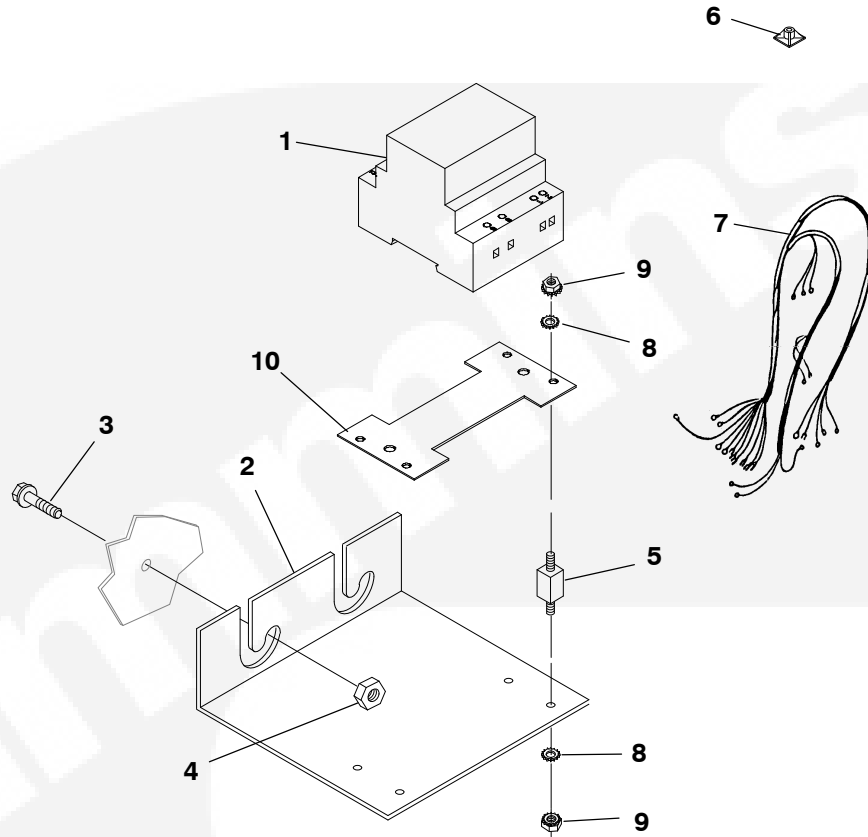
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4186		Harness, Wiring – PMG (Includes Plug)	2	323-1523	1	Plug, Connector (24 Place)

Ground Fault Relay
PCC2100



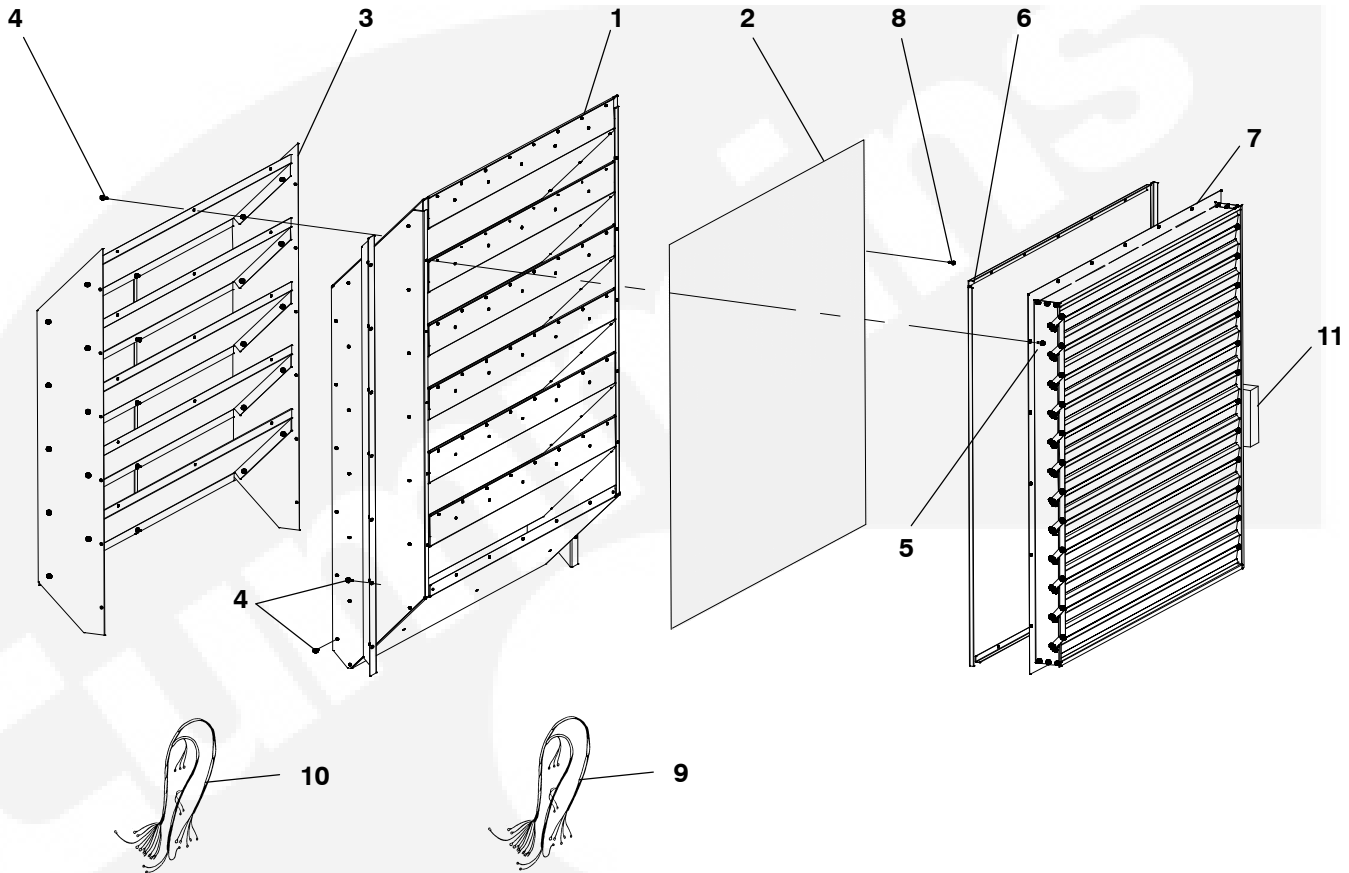
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-3003-01	1	Relay (GFA)	6	853-0005	8	Washer, Lock - EIT (#8)
2	301-6987	1	Bracket, Mounting	7	870-0221	8	Nut, Hex (#8-32)
3	821-0017	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	8	338-4245	1	Harness, Wiring
4	870-0257	2	Nut, Hex - Self-Locking (5/16-18)	9	332-2420	2	Mount, Cable Tie
5	402-0354	4	Mount, Shock	10	319-5038-02	1	Plate, Mounting
				11	323-2003-01	1	Strain, Relief

Ground Fault Relay PCC3100



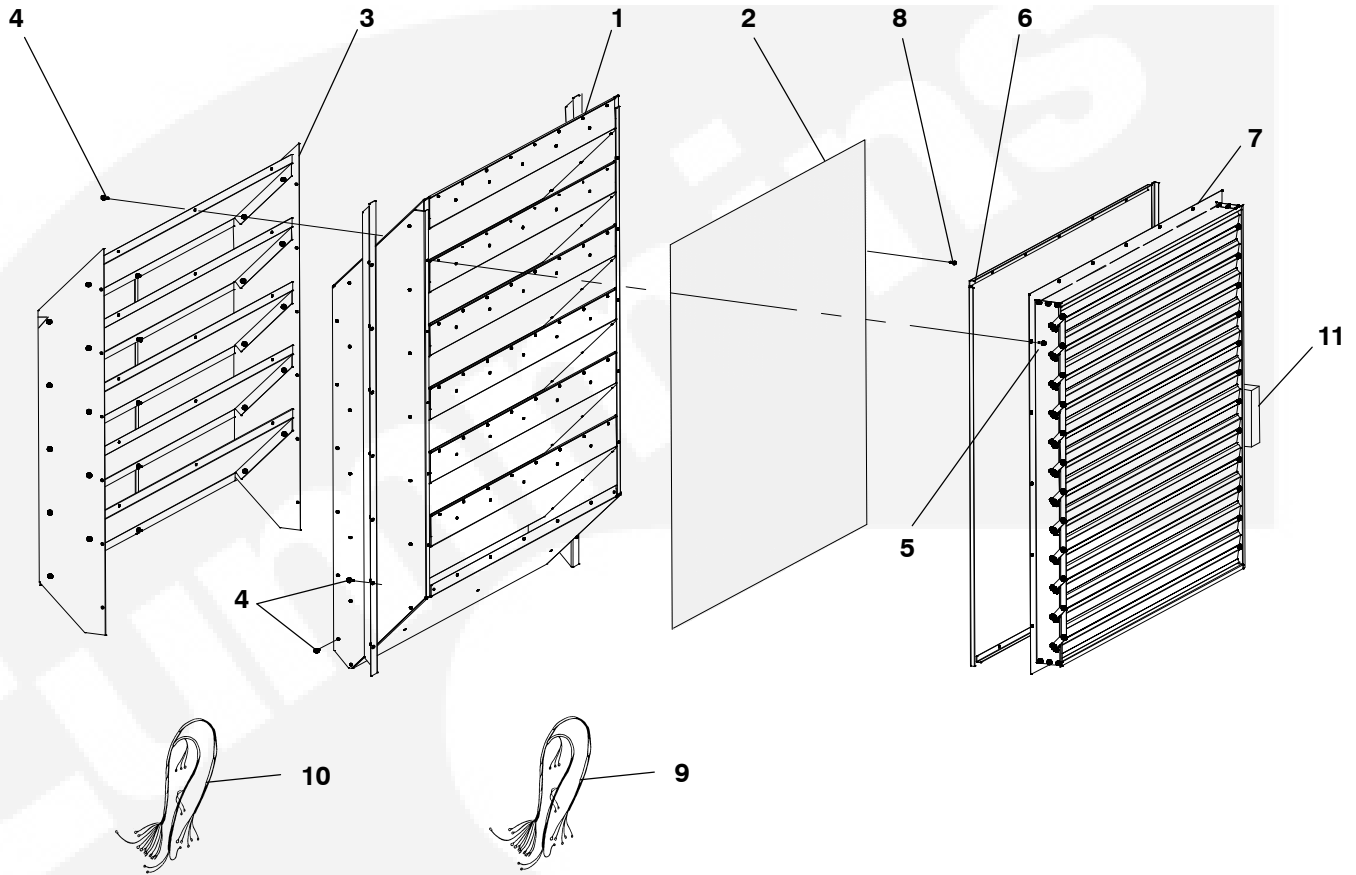
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-3003-01	1	Relay (GFA)	6	332-2420	2	Mount, Cable Tie
2	301-6987	1	Bracket, Mounting	7	338-3232	1	Harness, Wiring
3	821-0017	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	8	853-0005	8	Washer, Lock - ET (#8)
4	870-0257	2	Nut, Hex - Self-Locking (5/16-18)	9	870-0221	8	Nut, Hex - W/ET (#8-32)
5	402-0354	4	Mount, Shock	10	319-5038-02	1	Plate, Mounting

Louver Assembly Steel Air Inlet



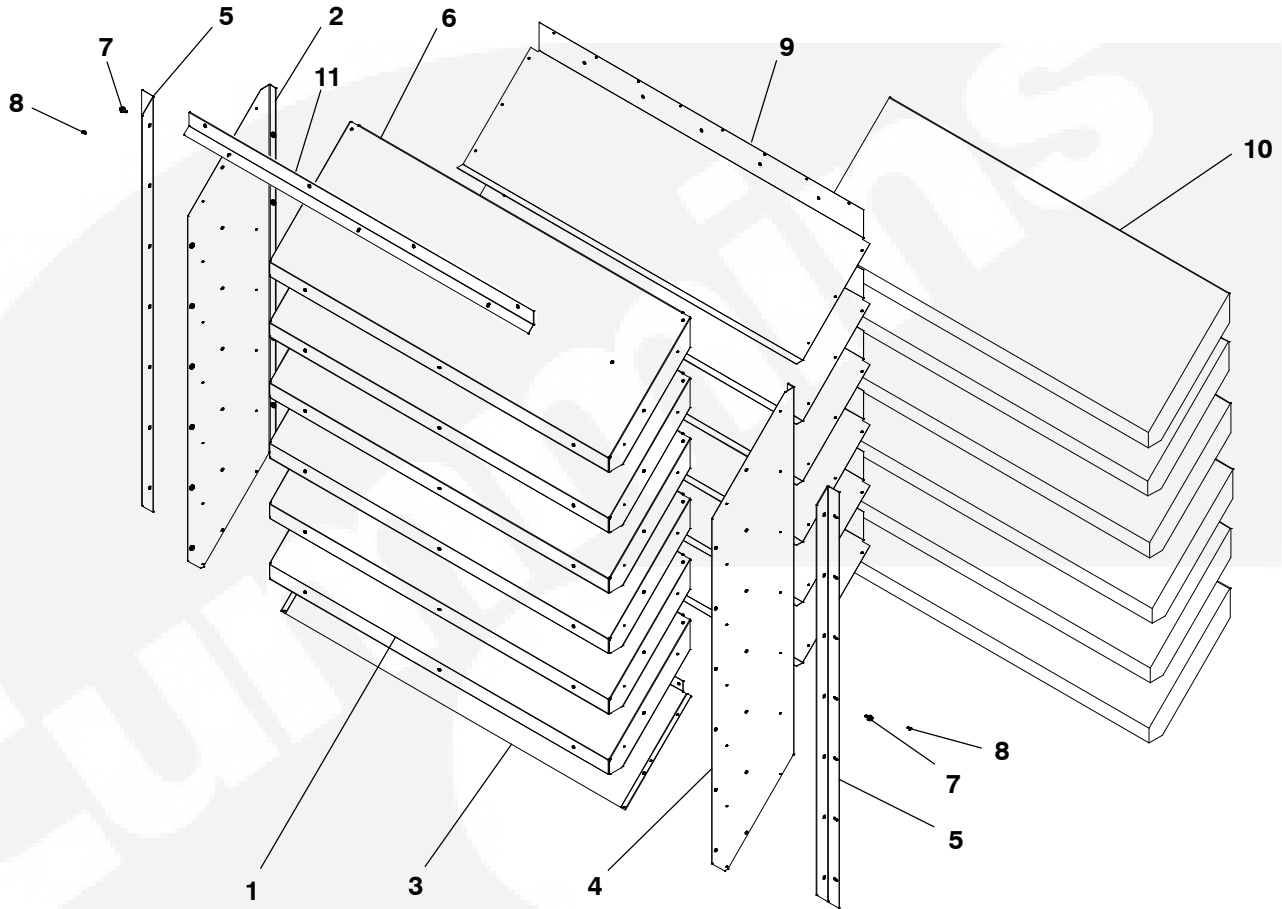
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Louver Assembly (See Separate Page for Components)	5	821-6003-02	20	Screw, Hex Head (M8 x 1.25 x 20)
	405-7631-01	1	Weather Louvers	6	405-7606-02	4	Bracket, Grill
	405-7631-02	1	Acoustic Louvers	7			Louver - Damper
2	405-7569	1	Grill, Enclosure - Mesh		405-7539-01	1	Spring Open - AC
3	405-7633	1	Louver Assembly - Rain Hood (See Separate Page for Components)		405-7539-02	1	Spring Closed - DC
4			Screw, Hex Head (M8 x 1.25 x 20)	8	406-0929	10	Clip, Panel - With Grill
	821-6007-02	23	Without Rain Hood	9	338-4295-01	1	Harness, Control
	821-6007-02	50	With Rain Hood	10	338-4295-03	1	Harness, Motor
				11	405-7754	1	Actuator, Louver (24V)

Louver Assembly Aluminum Air Inlet



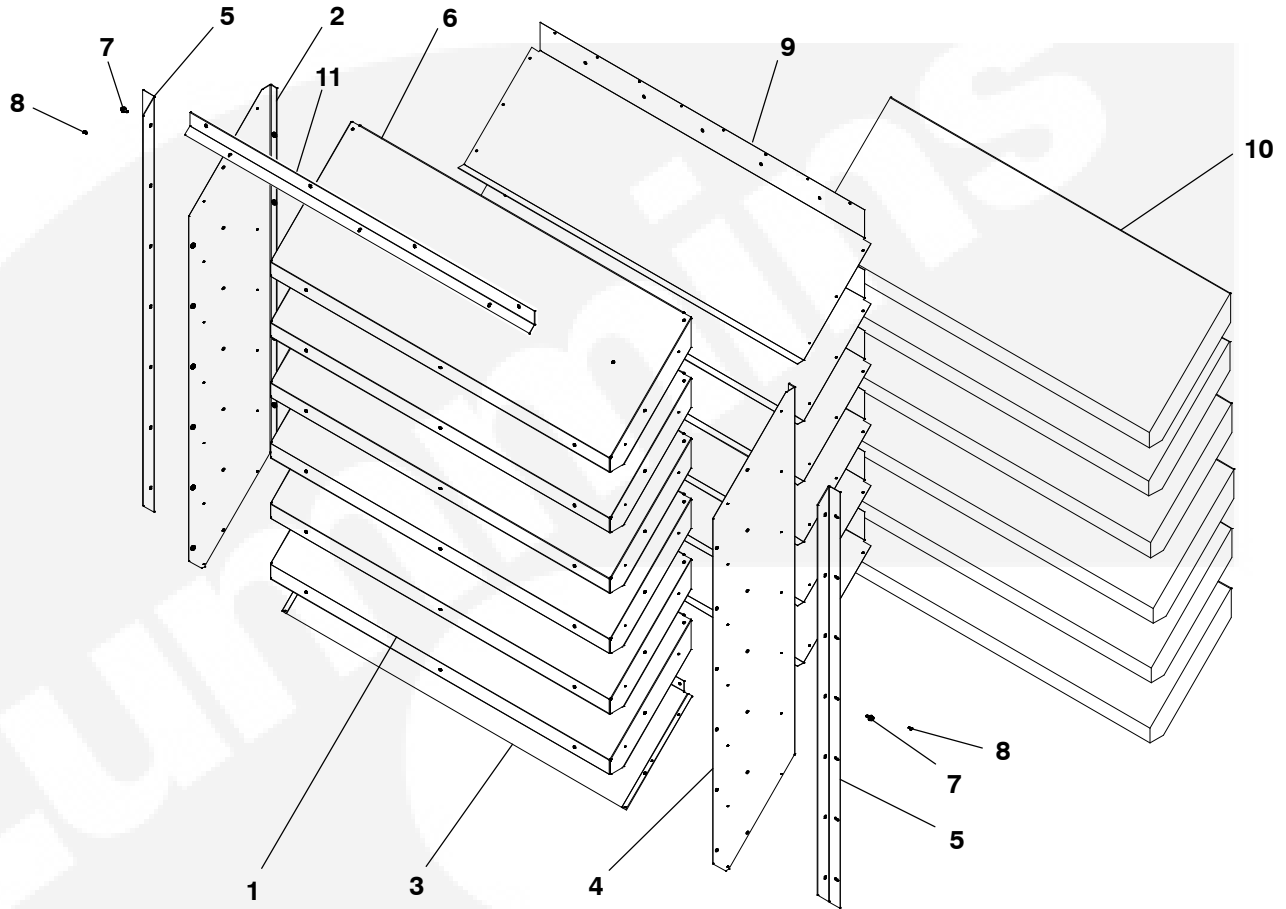
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Louver Assembly (See Separate Page for Components)	5	821-6003-02	20	Screw, Hex Head (M8 x 1.25 x 20)
	405-7720-01	1	Weather Louvers	6	405-7728	4	Bracket, Grill
	405-7720-02	1	Acoustic Louvers	7			Louver - Damper
2	405-7569	1	Grill, Enclosure - Mesh		405-7539-01	1	Spring Open - AC
3	405-7726	1	Louver Assembly - Rain Hood (See Separate Page for Components)		405-7539-02	1	Spring Closed - DC
4			Screw, Hex Head (M8 x 1.25 x 20)	8	406-0929	10	Clip, Panel - With Grill
	821-6007-02	27	Without Rain Hood	9	338-4295-01	1	Harness, Control
	821-6007-02	54	With Rain Hood	10	338-4295-03	1	Harness, Motor
				11	405-7754	1	Actuator, Louver (24V)

Louver Assembly Steel Weather and Acoustic



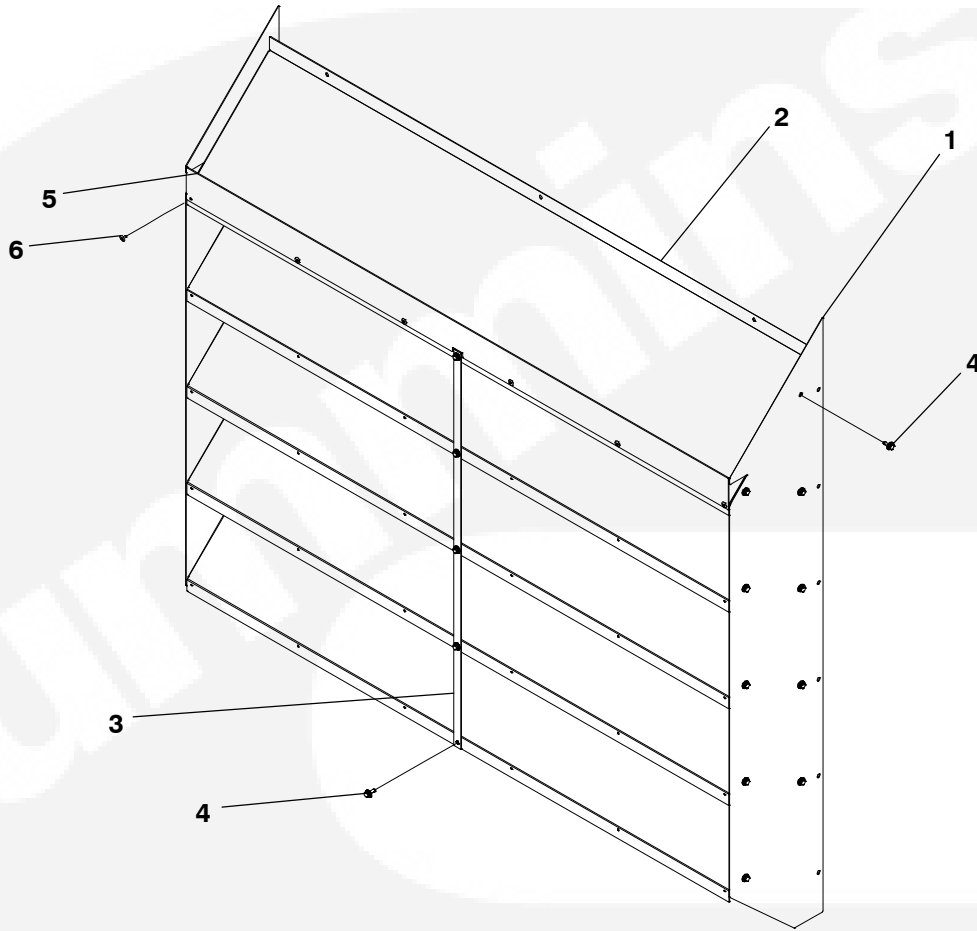
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7534-02	5	Louver - Upper	8	818-0231-01	28	Rivet, Pop
2	405-7553-02	1	Panel, Duct - Right		818-0231-01	112	With Weather Louver
3	405-7557-02	1	Louver - Bottom				With Acoustic Louver
4	405-7554-02	1	Panel, Duct - Left	9	405-7535	6	Louver - Acoustic
5	405-7558-02	2	Bracket, Duct	10	405-6000-15	6	Insulation, Panel - With
6	405-7534-04	1	Louver - Upper				Acoustic Louver
7	821-6007-02	17	Screw, Hex Head (M8 x 1.25 x 20)	11	405-7755-02	1	Panel, Duct (Filler)

Louver Assembly Aluminum Weather and Acoustic



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7721-01	5	Louver – Upper	8			Rivet, Pop
2	405-7722	1	Panel, Duct – Right		818-0231-01	28	With Weather Louver
3	405-7724	1	Louver – Bottom		818-0231-01	112	With Acoustic Louver
4	405-7723	1	Panel, Duct – Left	9	405-7535	6	Louver – Acoustic
5	405-7725	2	Bracket, Duct	10	405-6000-15	6	Insulation, Panel – With
6	405-7721-02	1	Louver – Upper				Acoustic Louver
7	821-6007-02	17	Screw, Hex Head (M8 x 1.25 x 20)	11	405-7800	1	Panel, Duct (Filler)

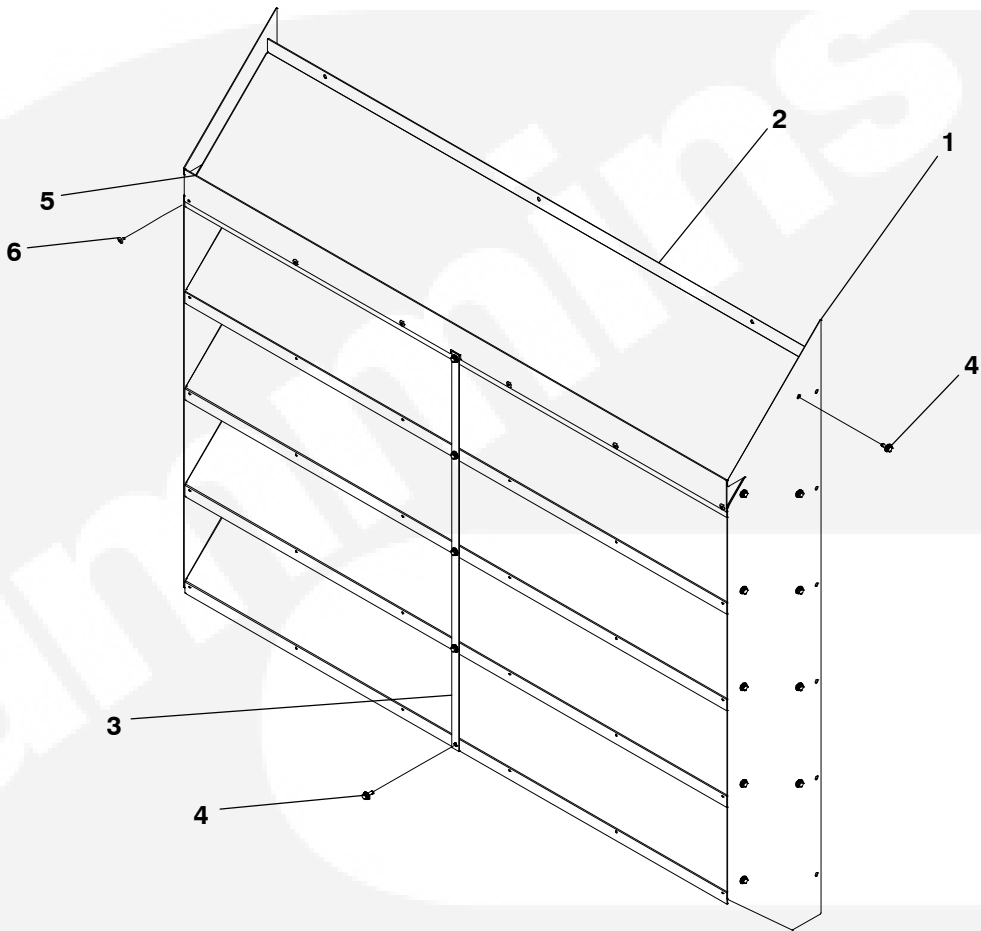
Louver Assembly Steel Rain Hood



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7634-02	2	Panel, Duct
2	405-7632-02	5	Louver
3	405-7635-02	1	Bracket, Duct
4	821-6007-02	25	Screw, Hex Head (M8 x 1.25 x 20)

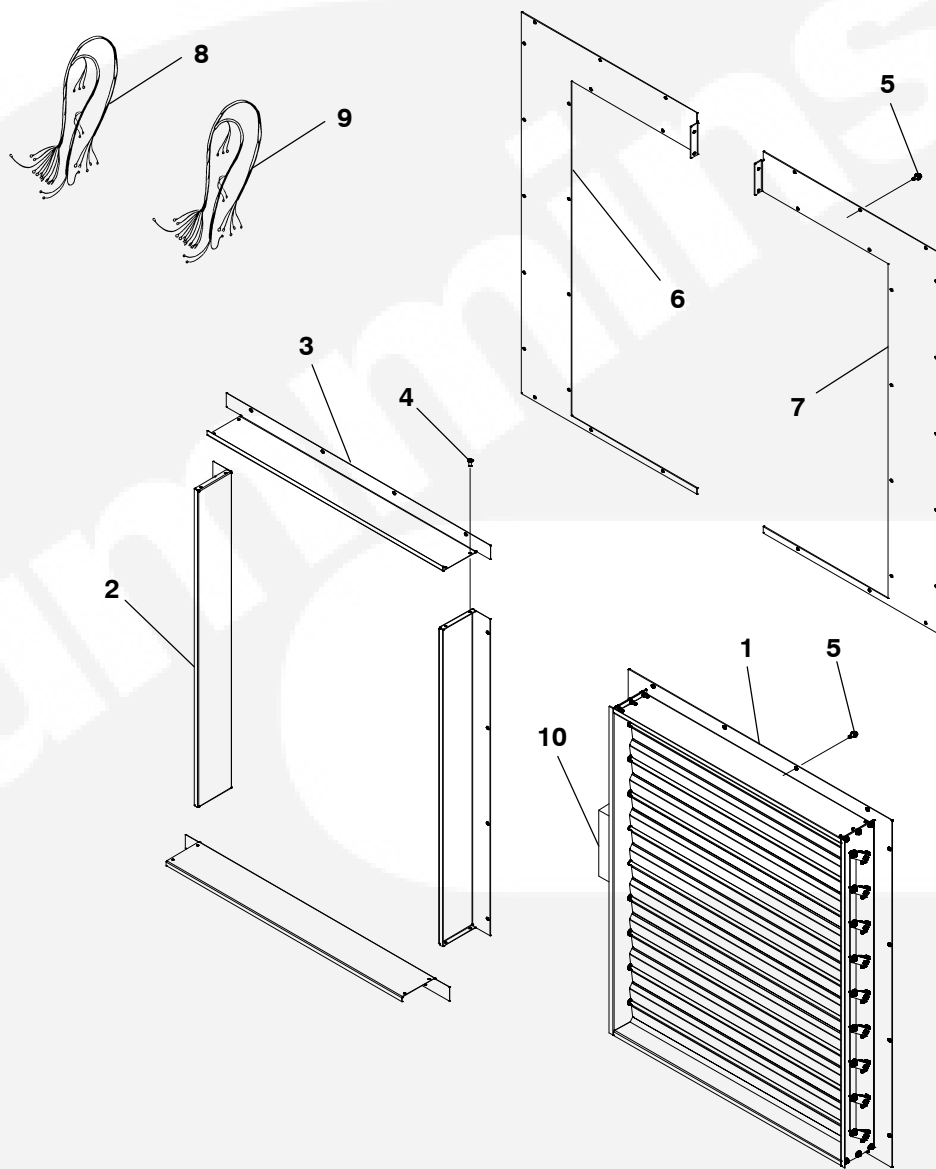
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	405-7810-02	1	Louver - Rain Guide
6	818-0231-06	6	Rivet, Pop (3/16)

**Louver Assembly
Aluminum Rain Hood**



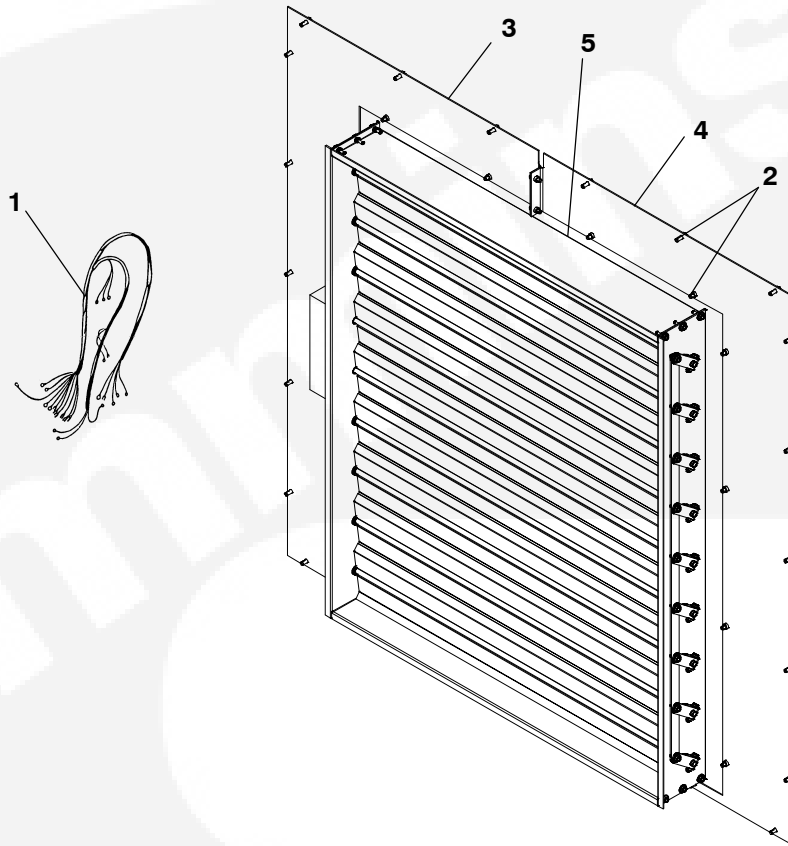
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7730	2	Panel, Duct	5	405-7825	1	Louver – Rain Guide
2	405-7727	5	Louver	6	818-0231-02	6	Rivet, Pop
3	405-7729	1	Bracket, Duct				
4	821-6007-02	25	Screw, Hex Head (M8 x 1.25 x 20)				

Louver Assembly Steel Enclosure



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Louver Assembly (Damper Auto)	5	821-6007-02	36	Screw, Hex Head (M8 x 1.25 x 20)
	405-7503-01	1	Spring Open	6	405-7596-02	1	Panel, Duct - Left
	405-7503-02	1	Spring Closed	7	405-7531-02	1	Panel, Duct - Right
2	405-7599-02	2	Duct, Air - Side	8	338-4295-02	1	Harness, Control
3	405-7600-02	2	Duct, Air - Top, Bottom	9	338-4295-03	1	Harness, Motor
4	818-0231-01	8	Rivet, Pop	10	405-7754	1	Actuator, Louver (24V)

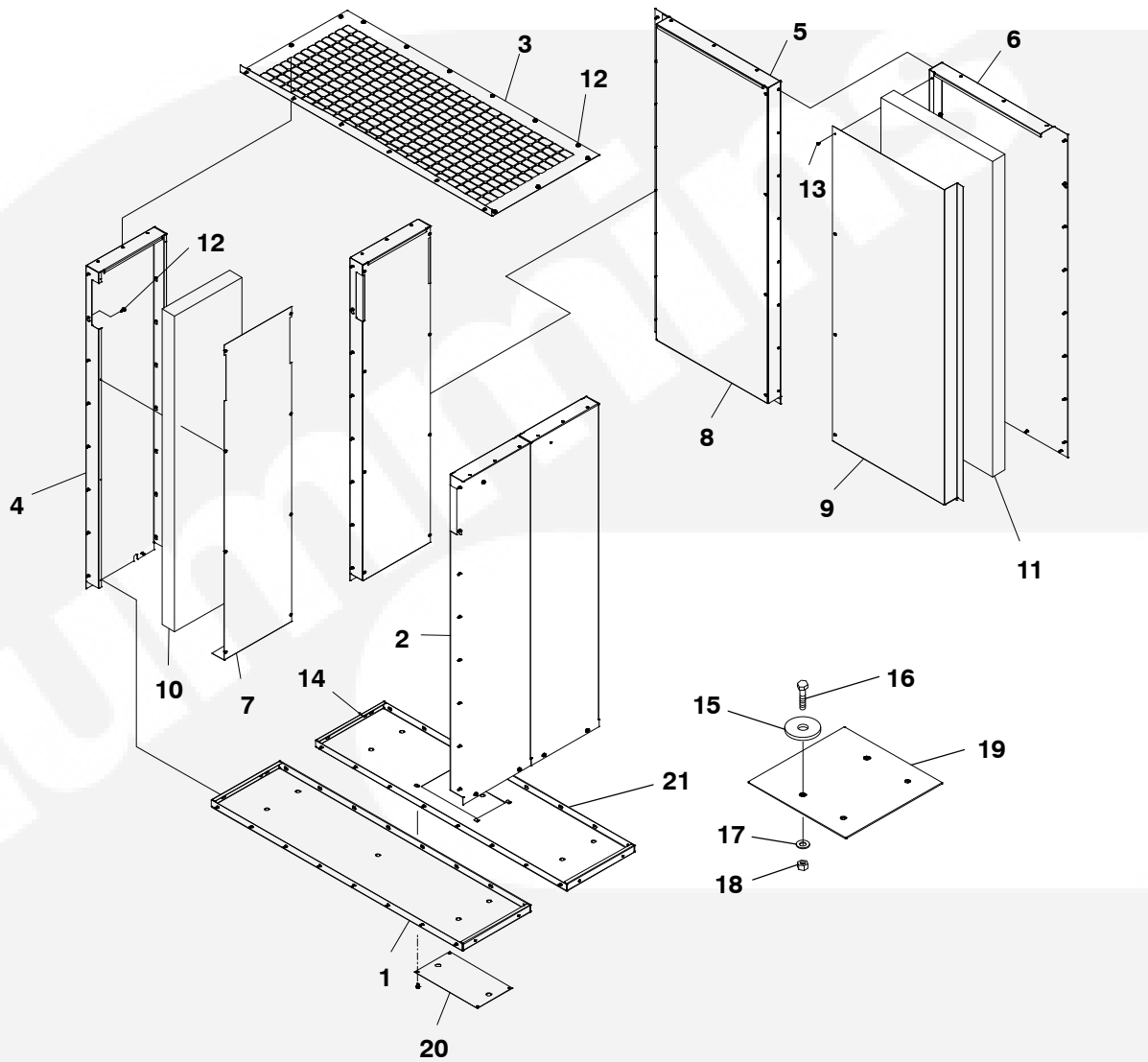
Louver Assembly Aluminum Enclosure



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4295-02	1	Motor, Harness – With Louver To Exhaust and Intake Louvers	3	405-7924	1	Panel, Duct – Left
	338-4295-03	1	24VAC Actuator Power From Transformer	4	405-7925	1	Panel, Duct – Right
2	821-6007-02	36	Screw, Hex Head (M8 x 1.25 x 20)	5	405-7503-01	1	Louver Spring Open
					405-7503-02	1	Louver Spring Closed

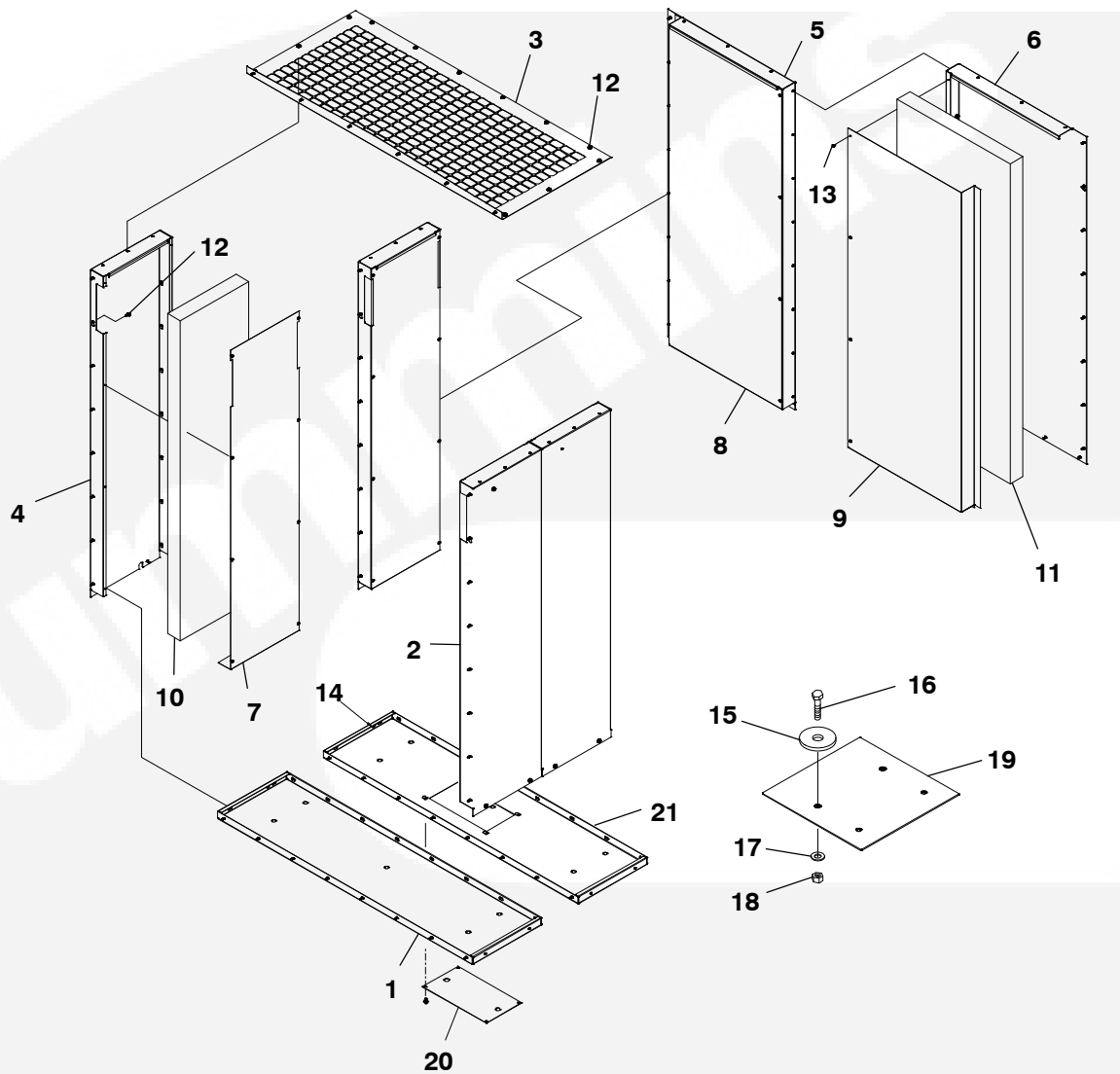


Enclosure Steel Air Discharge – Vertical



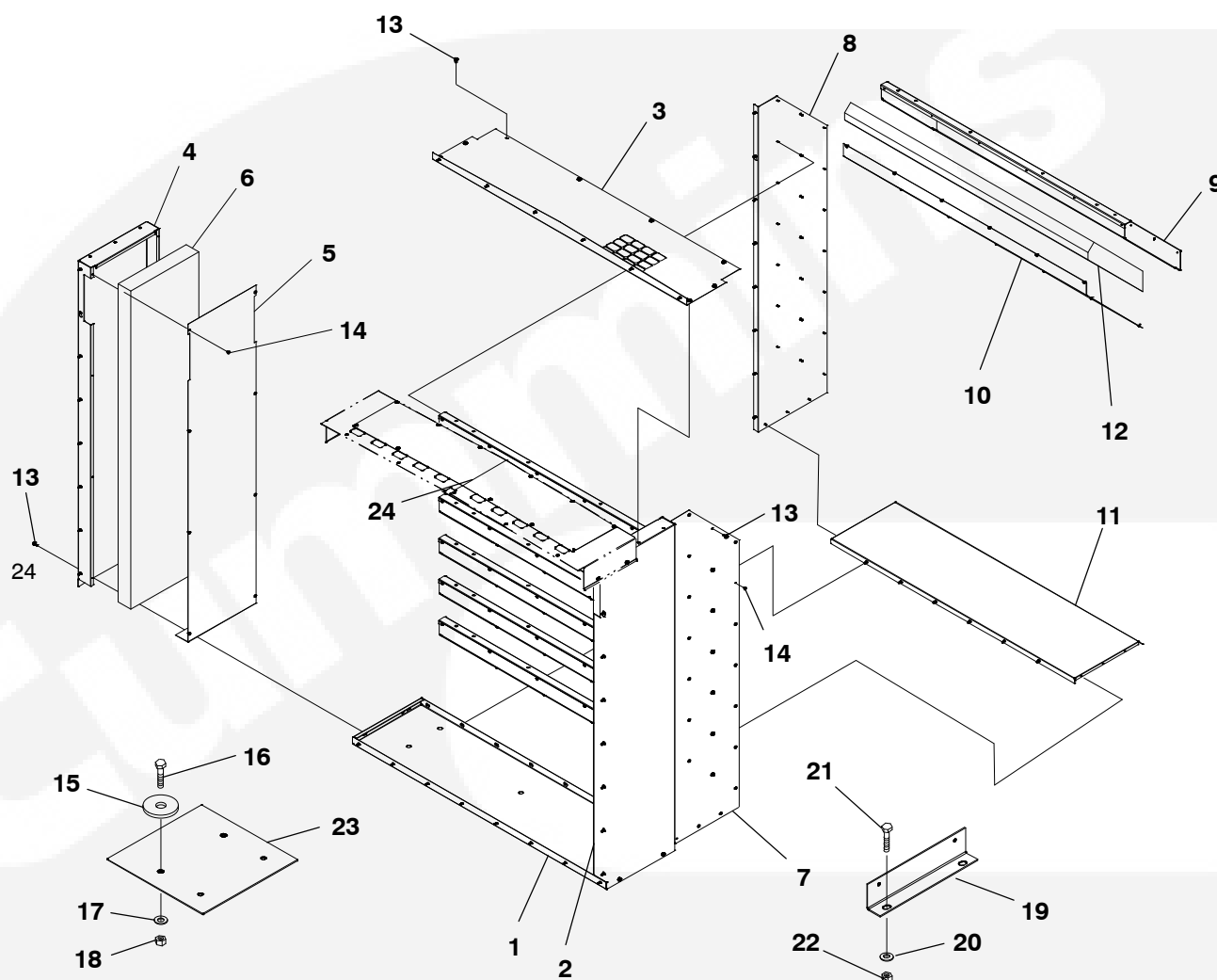
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7537-02	1	Panel, Enclosure – Bottom	13	818-0231-06	40	Rivet, Pop (3/16)
2	405-7587-02	2	Panel, Enclosure	14	517-0136-01	1	Plug, Hole
3	405-7538-02	1	Grill, Enclosure	15	526-0172	4	Washer, Flat (1/2)
4	405-7579-02	2	Panel, Enclosure – Left	16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)
5	405-7540-02	1	Panel, Enclosure	17	526-2140	4	Washer, Flat (M12)
6	405-7580-02	1	Panel, Enclosure – Right	18	860-2010	4	Nut, Hex (M12)
7	405-7581	4	Retainer, Insulation	19	155-4138-02	2	Bracket, Muffler
8	405-7582	1	Retainer, Insulation	20	405-9023-02	1	Panel, Access
9	405-7583	1	Retainer, Insulation – Right	21	405-9842-02	1	Panel, Enclosure – Bottom
10	405-6000-13	4	Insulation, Panel – Side				
11	405-6000-14	2	Insulation, Panel – End				
12	821-6007-02	112	Screw, Hex Head (M8 x 1.25 x 20)				

Enclosure Aluminum Air Discharge – Vertical



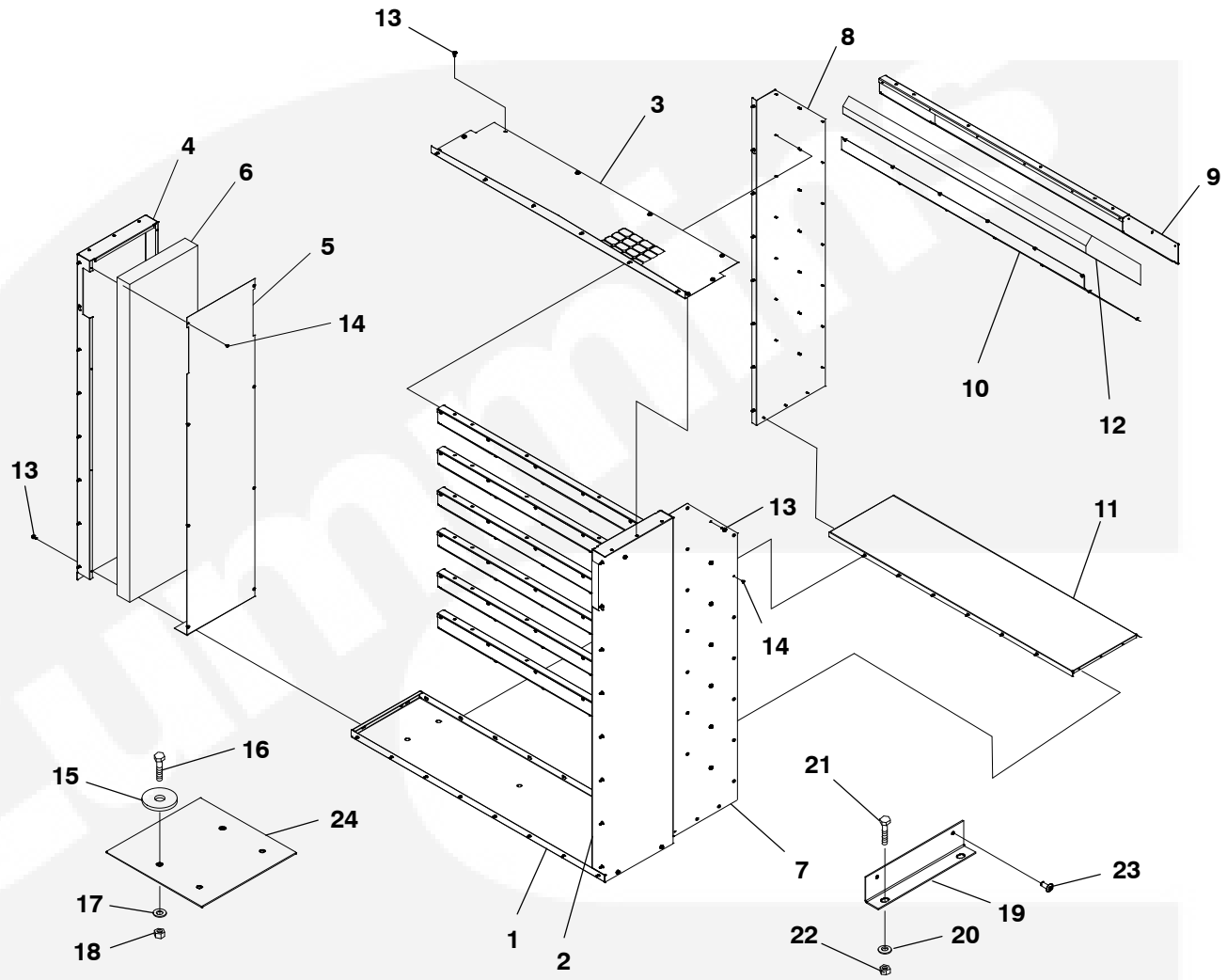
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7761	1	Panel, Enclosure – Bottom	13	818-0231-06	40	Rivet, Pop (3/16)
2	405-7762	2	Panel, Enclosure	14	517-0136-01	1	Plug, Hole (.812")
3	405-7763	1	Grill, Enclosure	15	526-0172	4	Washer, Flat (1/2)
4	405-7764	2	Panel, Enclosure – Left	16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)
5	405-7765	1	Panel, Enclosure	17	526-2140	4	Washer, Flat (M12)
6	405-7766	1	Panel, Enclosure – Right	18	860-2010	4	Nut, Hex (M12)
7	405-7581	4	Retainer, Insulation	19	155-4138-02	2	Bracket, Muffler
8	405-7582	1	Retainer, Insulation	20	404-0006	1	Panel, Access
9	405-7583	1	Retainer, Insulation – Right	21	405-9843	1	Panel, Enclosure – Bottom
10	405-6000-13	4	Insulation, Panel – Side				
11	405-6000-14	2	Insulation, Panel – End				
12	821-6007-02	112	Screw, Hex Head (M8 x 1.25 x 20)				

Enclosure Steel Air Discharge – Horizontal



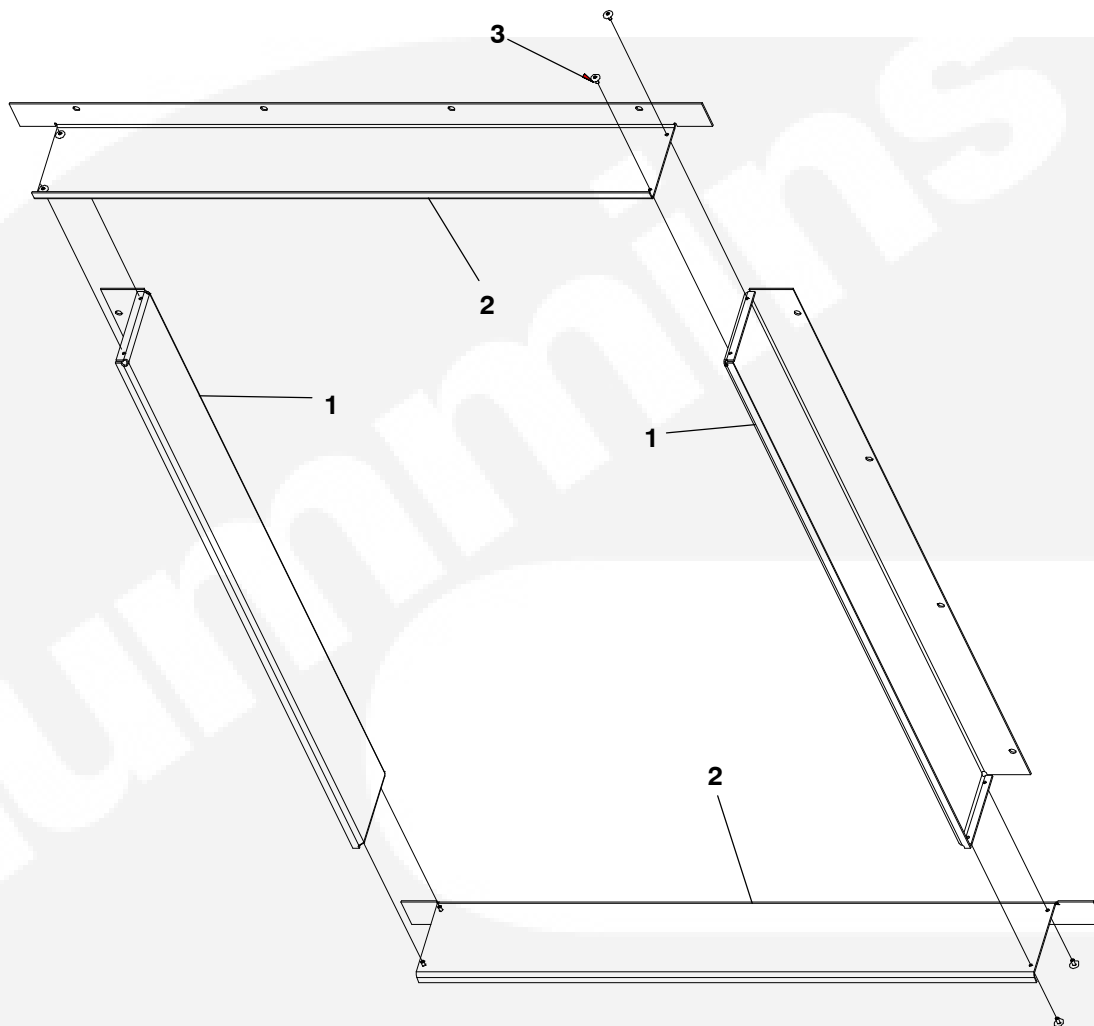
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7537-02	1	Panel, Enclosure – Bottom	14	818-0231-06	146	Rivet, Pop (3/16)
2	405-7587-02	1	Panel, Enclosure	15	526-0172	4	Washer, Flat (1/2)
3	405-7588-02	1	Grill, Enclosure	16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)
4	405-7579-02	1	Panel, Enclosure – Left	17	526-2140	4	Washer, Flat (M12)
5	405-7581	2	Retainer, Insulation	18	860-2010	4	Nut, Hex (M12)
6	405-6000-13	2	Insulation, Panel – Side	19	405-7732-02	2	Bracket, Duct
7	405-7589-02	1	Frame, Louver	20	526-2109	8	Washer, Flat (M8)
8	405-7590-02	1	Frame, Louver – Left	21	800-2058	4	Screw, Cap – Hex Head (M8 x 1.25 x 25)
9	405-7591-02	7	Louver – Outlet	22	860-2008	4	Nut, Hex (M8)
10	A040S190	7	Retainer, Insulation – Louver	23	155-4138-02	2	Bracket, Muffler
11	405-7595-02	1	Panel, Air Baffle – Louver	24	405-8112-02	1	Cover, Enclosure
12	405-6000-12	7	Insulation, Panel – Louver				
13	821-6007-02	80	Screw, Hex Head (M8 x 1.25 x 20)				

Enclosure Aluminum Air Discharge – Horizontal



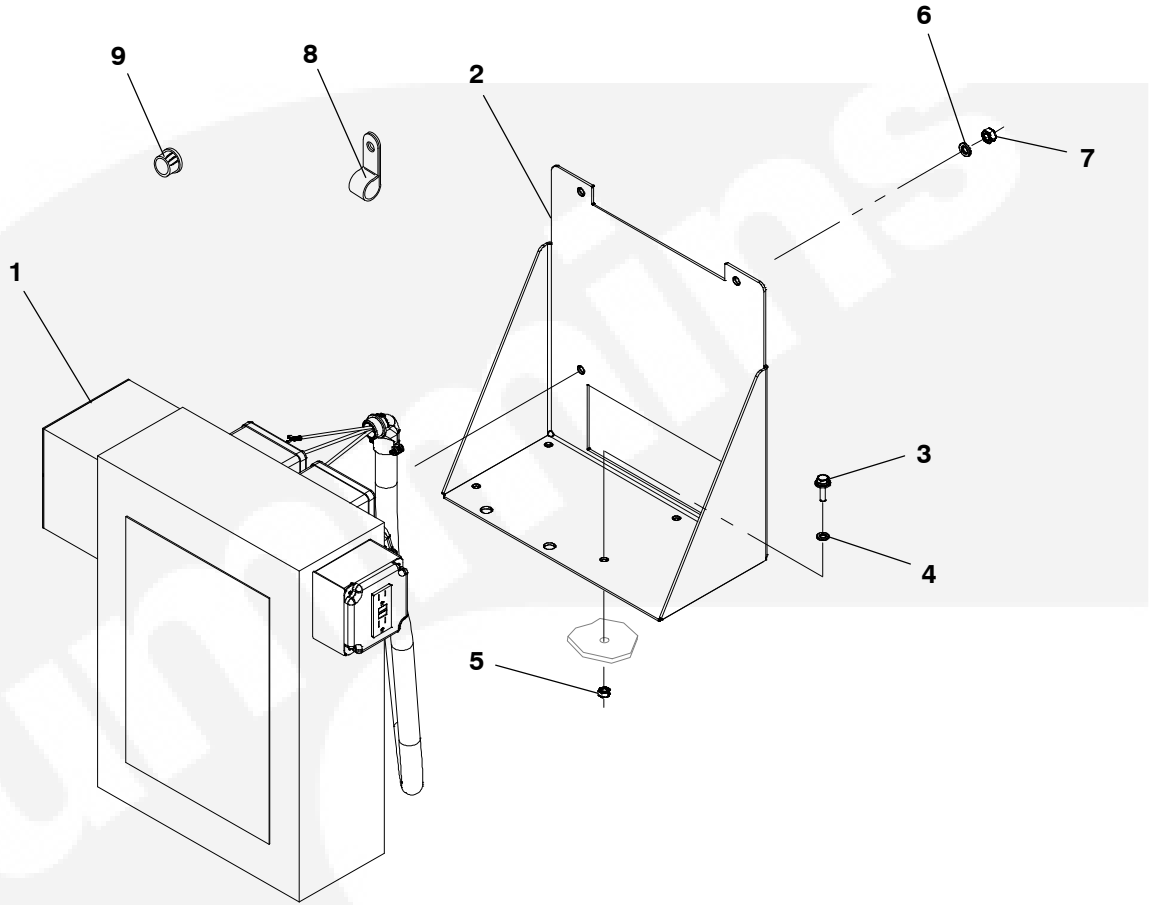
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7761	1	Panel, Enclosure – Bottom	14	818-0231-06	134	Rivet, Pop (3/16)
2	405-7762	1	Panel, Enclosure	15	526-0172	4	Washer, Flat (1/2)
3	405-7782	1	Grill, Enclosure	16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)
4	405-7764	1	Panel, Enclosure – Left	17	526-2140	4	Washer, Flat (M12)
5	405-7581	2	Retainer, Insulation	18	860-2010	4	Nut, Hex (M12)
6	405-6000-13	2	Insulation, Panel – Side	19	405-7787	2	Bracket, Duct
7	405-7783	1	Frame, Louver – Right	20	526-2109	8	Washer, Flat (M8)
8	405-7784	1	Frame, Louver – Left	21	800-2058	4	Screw, Cap – Hex Head (M8 x 1.25 x 25)
9	405-7785	7	Louver – Outlet	22	860-2008	4	Nut, Hex (M8)
10	A040S190	7	Retainer, Insulation – Louver	23	818-0231-03	4	Rivet, Pop (3/16)
11	405-7786	1	Panel, Air Baffle – Louver	24	155-4138-02	2	Bracket, Muffler
12	405-6000-12	7	Insulation, Panel – Louver				
13	821-6007-02	74	Screw, Hex Head (M8 x 1.25 x 20)				

Air Duct Aluminum Enclosure



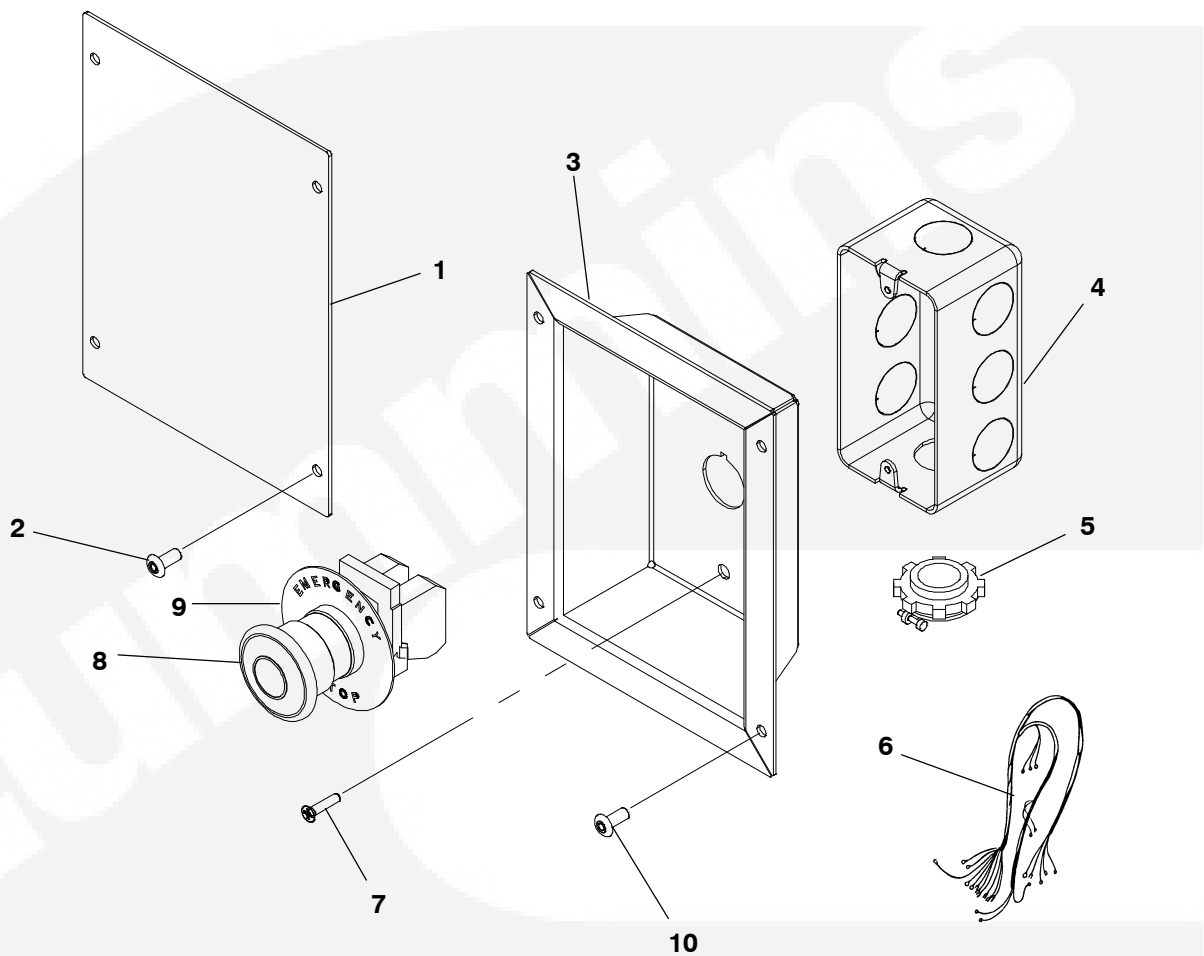
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7922	2	Duct, Air – Side	3	818-0231-06	8	Rivet, Pop
2	405-7923	2	Duct, Air – Top and Bottom				

Distribution Panel



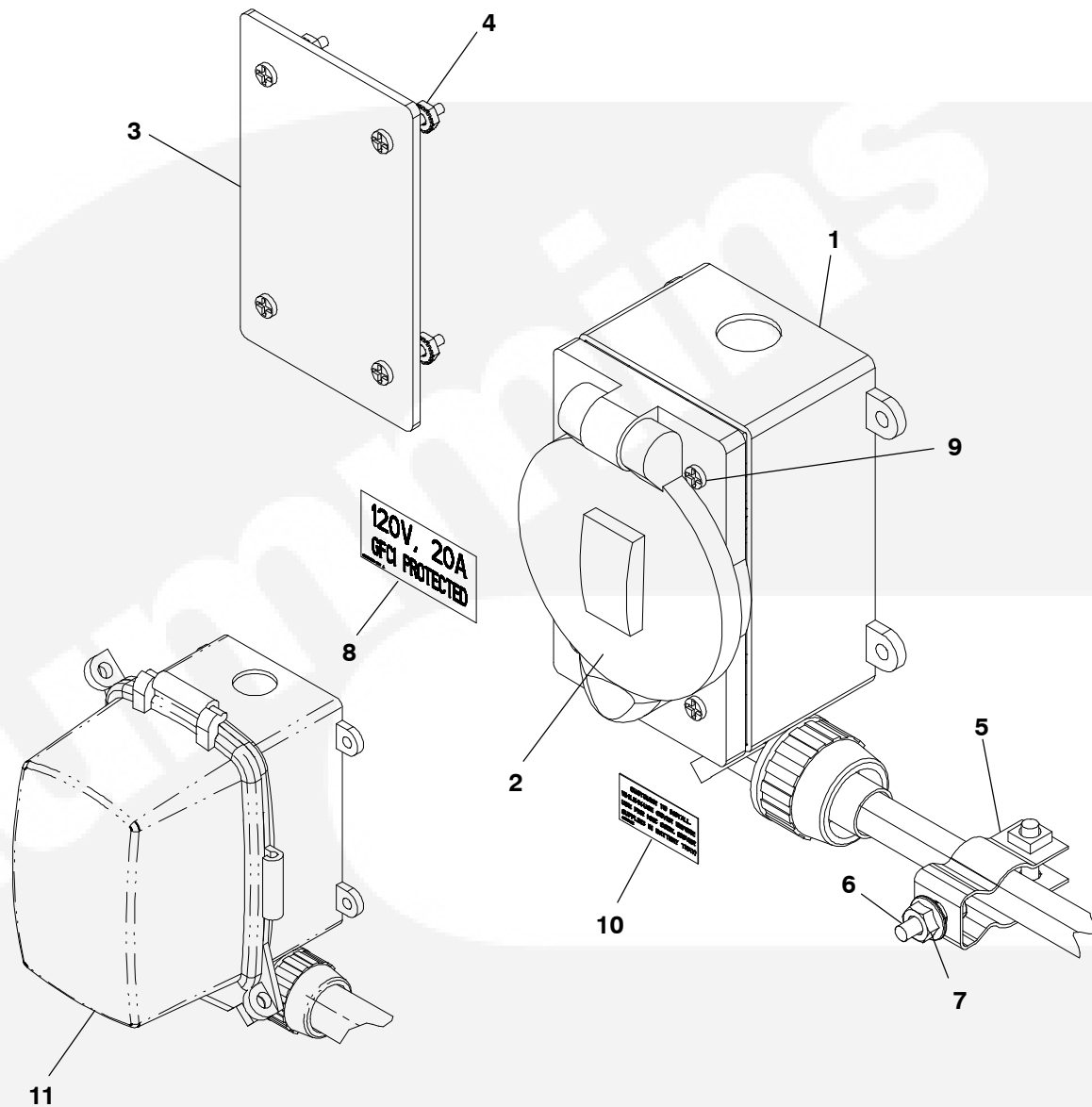
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	A043G116	1	Breaker, Circuit – Assembly	6	850–2010	4	Washer, Lock – Split (M10)
2	319–5100–02	1	Bracket, Circuit Breaker	7	860–2009	4	Nut, Hex (M10 x 1.5)
3	821–6003–03	4	Screw, Hex Head (M8 x 1.25 x 25)	8	518–0548–15	2	Clamp, Loop – With Coolant Heater
4	526–2101	4	Washer, Flat (M8)	9	517–0138–02	1	Plug, Hole – Without Coolant Heater
5	860–2008	4	Nut, Hex (M8 x 1.25)				

Emergency Stop Switch



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cover, Enclosure - Adapter	6	338-4293	1	Harness, Switch - E-Stop
	405-7658-02	1	Plug	7	815-0918	2	Screw, Machine - Flat Head - Cross Recessed (#6-32 x .62)
	405-7997	1	Steel				
2	818-0231-02	4	Rivet, Pop	8	308-0999	1	Switch, Push Button - E-Stop
3	319-5125	1	Cup, Switch	9	308-1177	1	Bezel, Switch
4	330-0005	1	Box, Handy	10	818-0231-06	4	Rivet, Pop
5	331-0027	1	Connector, Romex				

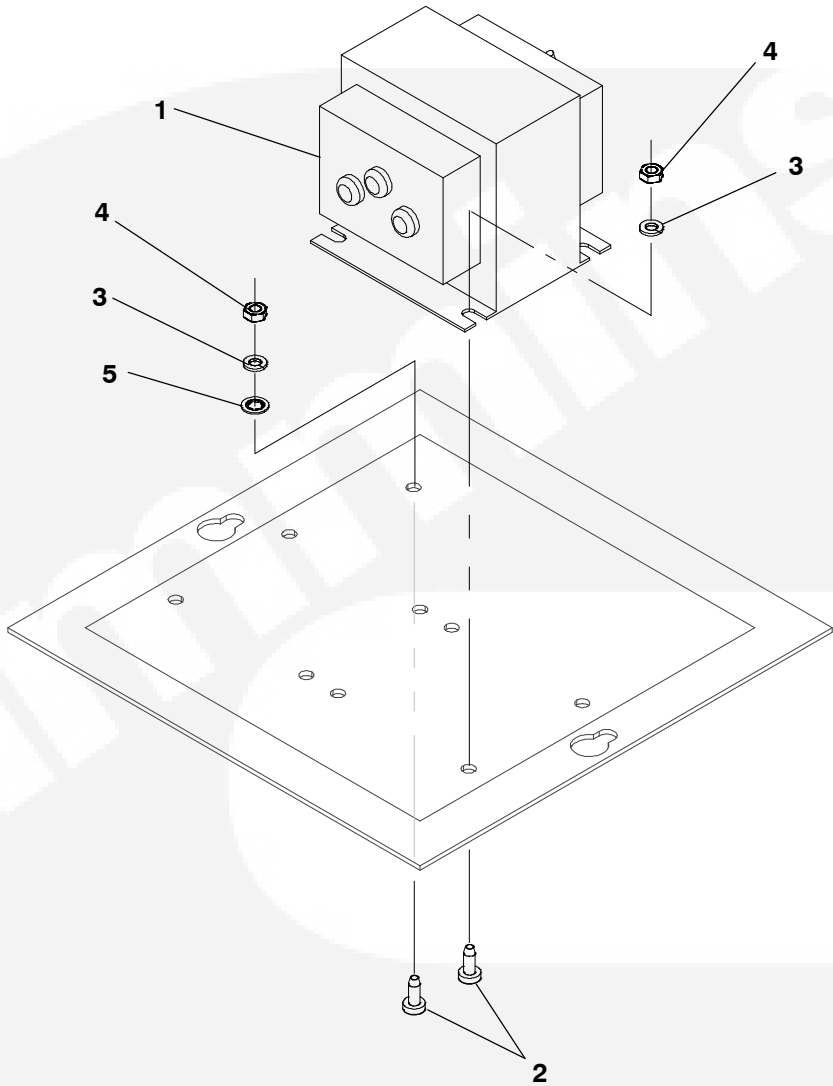
External Receptacle



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	323-2102-01	1	Receptacle
2	330-0157	1	Cover, Receptacle
3	330-0158	1	Cover, Outlet Box – Blank
4	870-0183	4	Nut, Hex – W/ET (#6–32)
5	331-0602	6	Clamp, Conduit
6	821-6002-03	6	Screw, Hex Head (M6 x 1 x 16)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	870-2054	3	Nut, Locking – Flange (M6 x 1)
8	098-8185	1	Label, Information
9	812-0068	4	Screw, Hex (#6–32 x 1.0)
10	A030A421	1	Label, Information
11	A030A412	1	Cover, Receptacle

24VAC Transformer

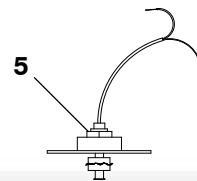
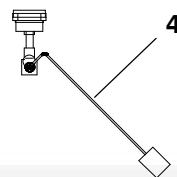
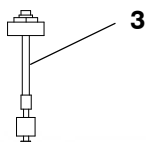
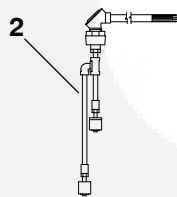
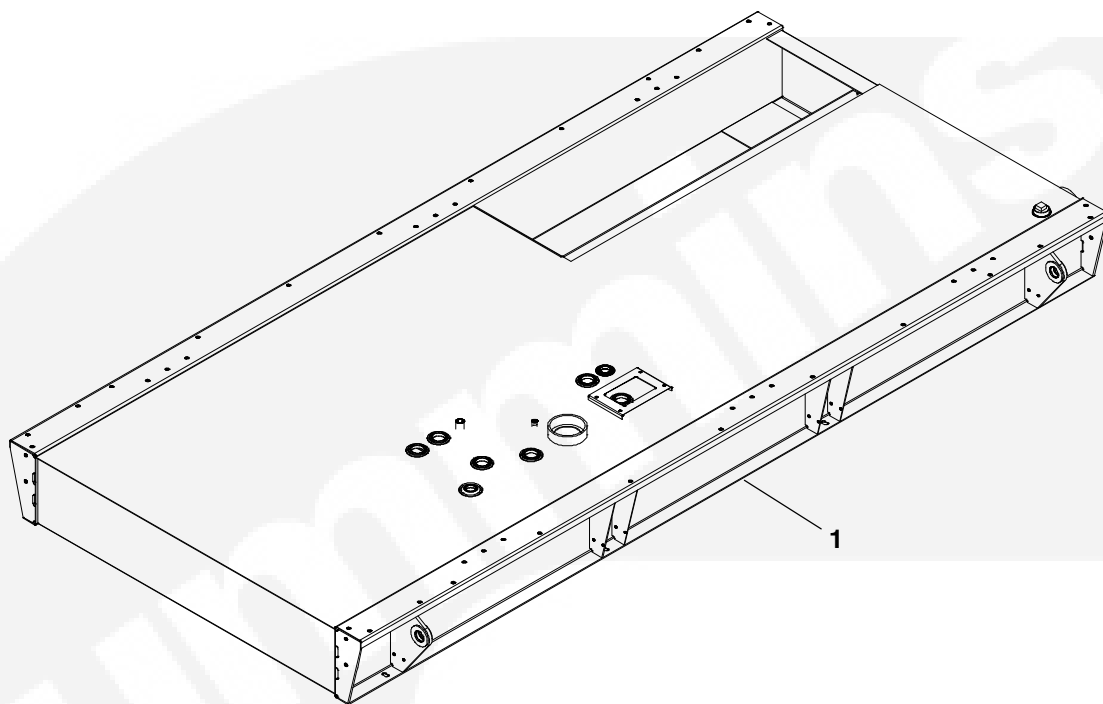


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	315-1613	2	Transformer, Control	3	850-2003	5	Washer, Lock – Split (M3)
2	815-0959-03	5	Screw, Cross Recessed – Pan Head – W/ET (M3 x 0.5 x 8)	4	860-2053	5	Nut, Hex (M3 x 0.5)
				5	854-0006	1	Washer, Lock – W/EIT (#6)

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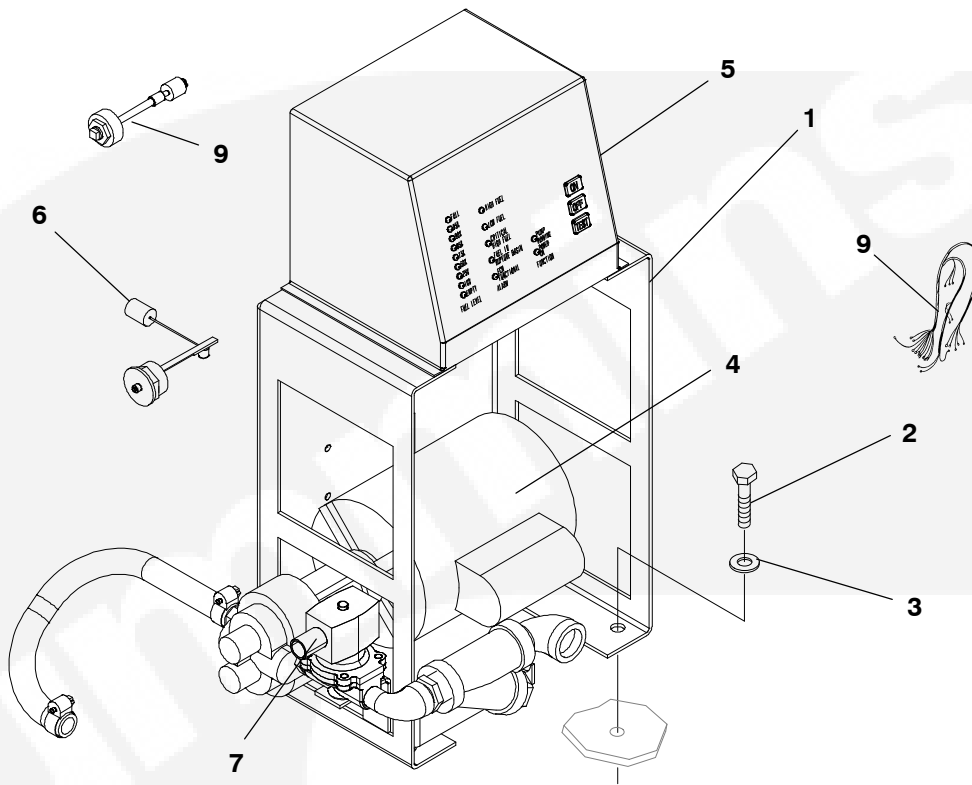
Fuel Tank



Fuel Tank

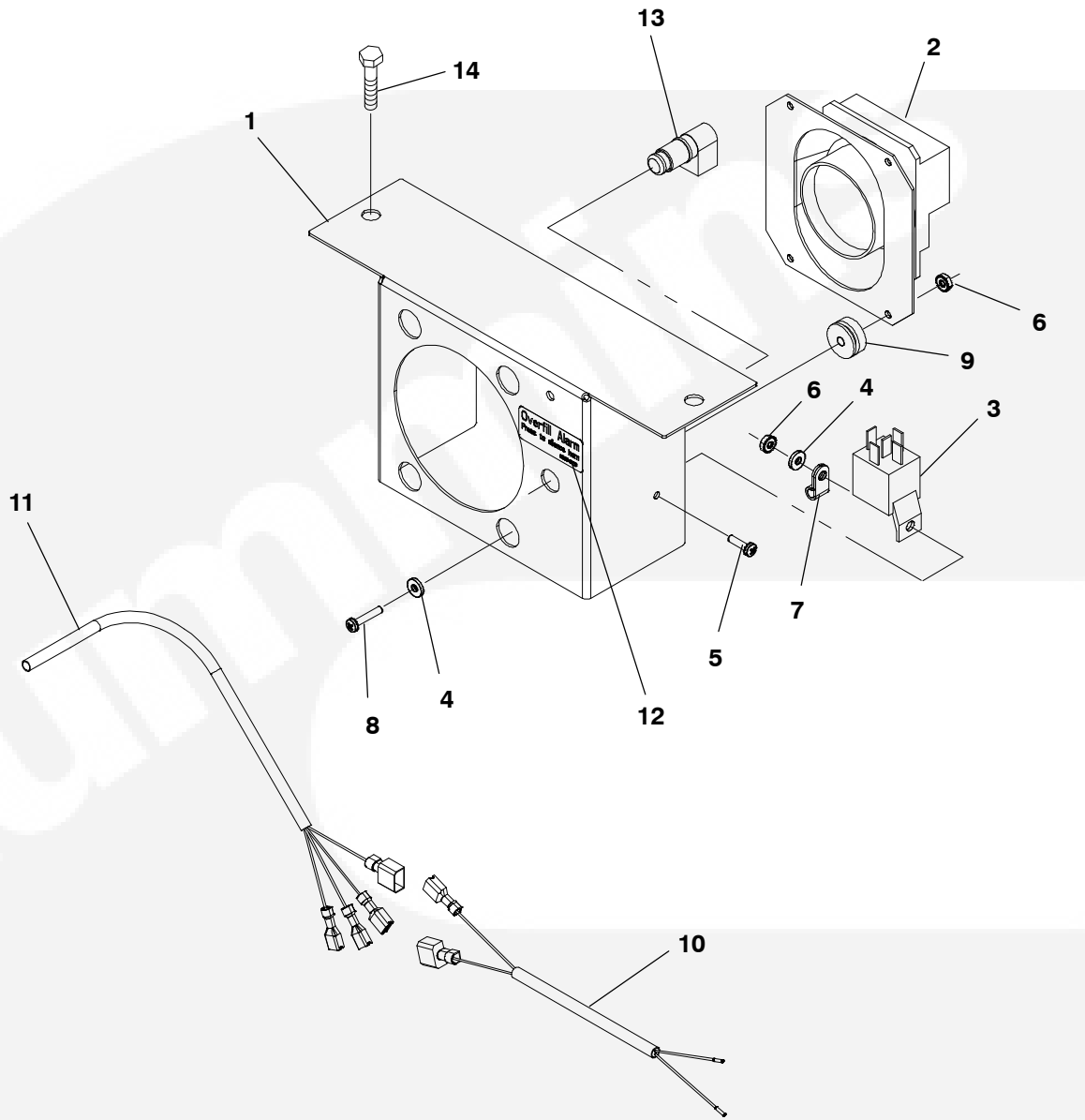
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Tank, Fuel	2			Switch, Level – High and Low
			Standard (Chicago)		309-0701-01	1	300 Gallon Tank
	159-1573-01	1	300 Gallon		309-0701-02	1	400 Gallon Tank
	159-1573-02	1	400 Gallon		309-0701-03	1	500 Gallon Tank
	159-1573-03	1	500 Gallon		309-0701-04	1	600 Gallon Tank
	159-1573-04	1	600 Gallon		309-0701-05	1	660 Gallon Tank
	159-1573-05	1	660 Gallon		309-0701-07	1	720 Gallon Tank
	159-1573-06	1	720 Gallon		309-0701-08	1	1470 Gallon Tank
	159-1577-01	1	1470 Gallon	3			Switch, Level – Rupture Basin
	159-1577-02	1	2100 Gallon		309-0702-01	1	300 Gallon Tank
			California		309-0702-02	1	400 Gallon Tank
	159-1573-11	1	300 Gallon		309-0702-03	1	500 Gallon Tank
	159-1573-12	1	400 Gallon		309-0702-04	1	600 Gallon Tank
	159-1573-13	1	500 Gallon		309-0702-05	1	660 Gallon Tank
	159-1573-14	1	600 Gallon		309-0702-07	1	720 Gallon Tank
	159-1573-15	1	660 Gallon		309-0702-08	1	1470 Gallon Tank
	159-1573-16	1	720 Gallon	4			Gauge – Fuel Level
			Florida		420-0609-01	1	300 Gallon Tank
	159-1573-21	1	300 Gallon		420-0609-02	1	400 Gallon Tank
	159-1573-22	1	400 Gallon		420-0609-03	1	500 Gallon Tank
	159-1573-23	1	500 Gallon		420-0609-04	1	600 Gallon Tank
	159-1573-24	1	600 Gallon		420-0609-05	1	660 Gallon Tank
	159-1573-25	1	660 Gallon		420-0609-07	1	720 Gallon Tank
	159-1573-26	1	720 Gallon		420-0609-08	1	1470 Gallon Tank
			Michigan, Nassau and Suffolk	5			Switch, Level – Critical High
	159-1573-31	1	300 Gallon		309-0708-01	1	300–500 Gallon Tank
	159-1573-22	1	400 Gallon		309-0708-02	1	600–850 Gallon Tank
	159-1573-23	1	500 Gallon				
	159-1573-24	1	600 Gallon				
	159-1573-35	1	660 Gallon				
	159-1573-36	1	720 Gallon				
			New York City				
	159-1573-41	1	270 Gallon				

Fuel Transfer Pump and Control



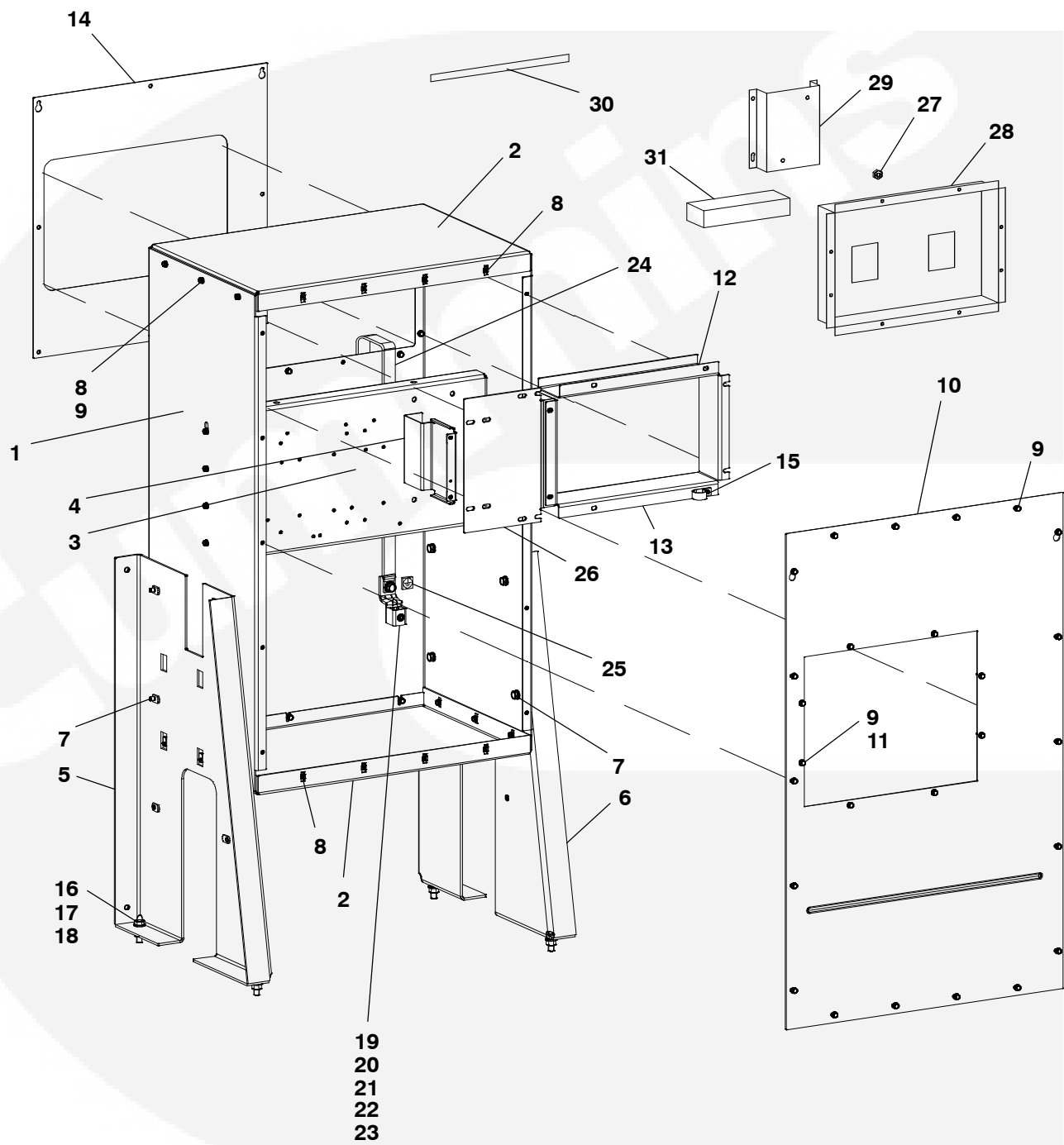
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Pump, Fuel – Assembly 2 GPM	6			Gauge – Float
	149-2699-01	1	300 Gallon Tank		420-0610-01	1	300 Gallon Tank
	149-2699-02	1	400 Gallon Tank		420-0610-02	1	400 Gallon Tank
	149-2699-03	1	500 Gallon Tank		420-0610-03	1	500 Gallon Tank
	149-2699-04	1	600 Gallon Tank		420-0610-04	1	600 Gallon Tank
	149-2699-05	1	660 Gallon Tank		420-0610-05	1	660 Gallon Tank
	149-2699-06	1	720 Gallon Tank		420-0610-06	1	720 Gallon Tank
			4 GPM	7	504-0252	1	Valve, Solenoid – Fuel
	149-2699-11	1	300 Gallon Tank	8	309-0703-01	1	Switch, Level – Critical (Not Illustrated)
	149-2699-12	1	400 Gallon Tank	9	338-4426	1	Harness, Wiring
	149-2699-13	1	500 Gallon Tank	10	331-0027	1	Connector, Romex (Not Illustrated)
	149-2699-14	1	600 Gallon Tank				
	149-2699-15	1	660 Gallon Tank				
	149-2699-16	1	720 Gallon Tank				
2	526-0399-59	4	Washer, Flat (M6)	NOTE: Pump Control Assembly Includes:			
3	821-6002-03	4	Screw, Hex Head (M6 x 1 x 16)				
4			Pump, Fuel – With Motor		503-1660	1	Hose (5/8" ID x 7/8" OD x 508mm)
	149-2710-01	1	2 GPM		502-0942	1	Barb, Hose – 90° (3/8 x 5/8)
	149-2710-02	1	4 GPM		502-0993	1	Barb, Hose – Straight (3/8 x 5/8)
5	300-5815	1	Control, Pump – ECM				

Overfill Alarm



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	333-0683	1	Alarm - Assembly - 24VDC (Includes all the Following Except Two Mounting Screws)	7	518-0340	1	Clamp, Cable
1	319-5056-02	1	Box, Control	8	815-0651	4	Screw, Machine - Pan Head - Cross Recessed - W/ET (#6-32 x .75)
2	333-0682	1	Horn, Alarm	9	508-1195	4	Grommet
3	307-2817-02	1	Relay	10	338-4360-01	1	Harness, Alarm
4	526-0399-05	9	Washer, Flat	11	338-4360-02	1	Harness, Alarm
5	815-0937	1	Screw, Machine - Pan Head - Cross Recessed - W/ET (#6-32 x .50)	12	098-8120	1	Label, Information
6	870-0183	5	Nut, Hex - W/ET	13	308-0973	1	Switch, Pushbutton
				14	821-6002-03	2	Screw, Hex Head - Mounting (M6 x 1 x 16)

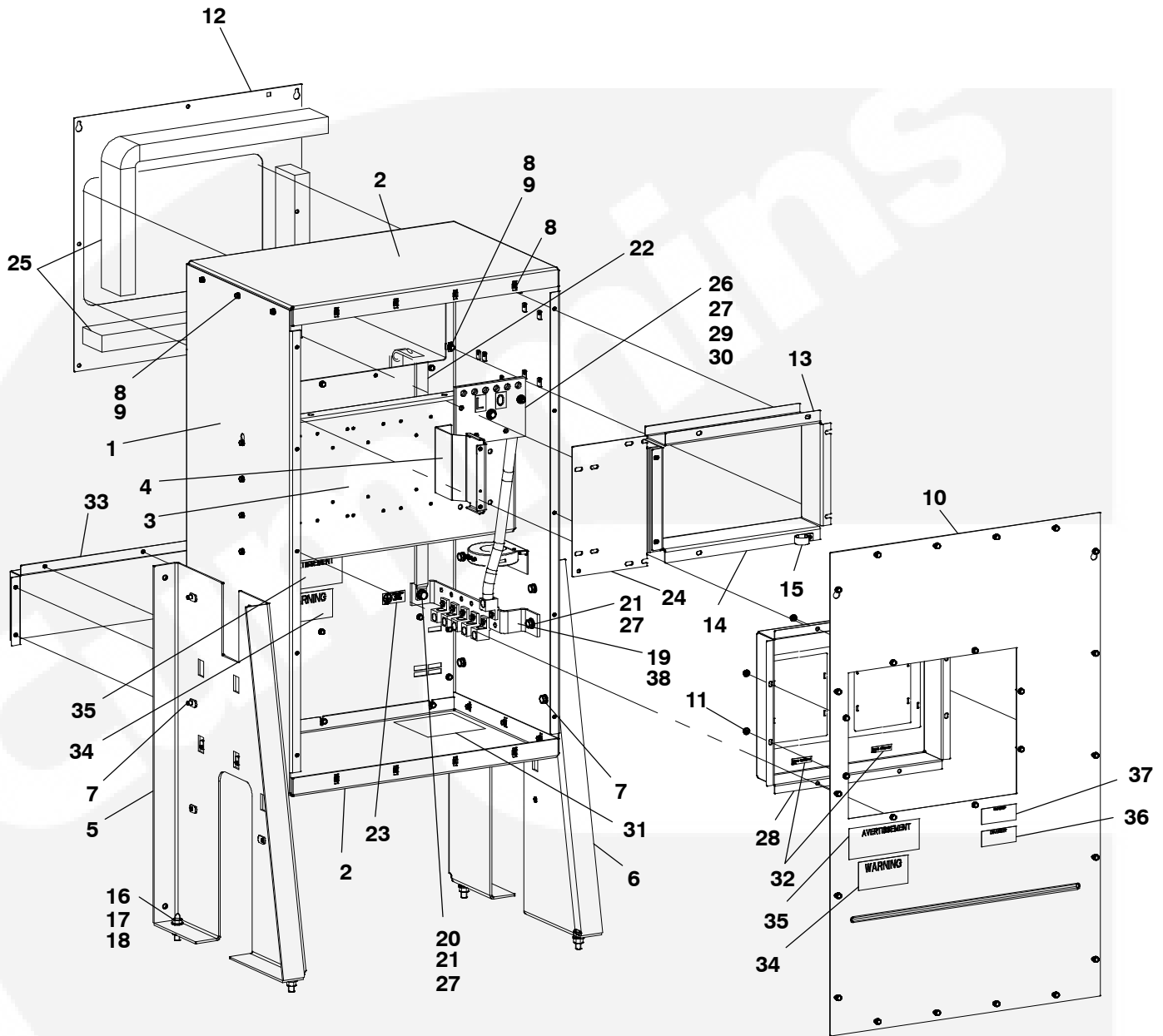
Circuit Breaker Box With F200 – F205 Enclosure Spec M



Circuit Breaker Box
With F200 – F205 Enclosure
Spec M

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-5106-02	1	Box, Circuit Breaker	21	526-0399-62	1	Washer, Flat (M10)
2	319-4983-02	2	Cover, Box	22	850-0114-55	1	Washer, Lock – Split (M10)
3	319-4955-02	1	Bracket, Circuit Breaker – Mounting	23	800-3017-39	1	Screw, Cap – Hex Head (M10 x 1.5 x 35)
4	319-4979-02	1	Bracket, Circuit Breaker	24	337-3538-03	1	Strap, Ground
5	319-5092-02	1	Bracket, Circuit Breaker	25	098-6537	1	Label, Ground
6	319-5093-02	1	Bracket, Circuit Breaker	26	319-5140-02	1	Cover, Circuit Breaker
7	821-6004-01	8	Screw, Hex Head (M10 x 1.5 x 20)	27	870-2054	4	Nut, Hex – Flange (M6)
8	870-0504	16	Nut, Captive – Floating	28	319-4962-02	1	Cup, Circuit Breaker CK – 84mm x 112mm Opening
9	821-6002-03	66	Screw, Hex Head (M6 x 1 x 16)		319-4964-02	1	NSF – 31mm x 77mm Opening
10	319-5112-02	1	Cover, Circuit Breaker		319-4965-02	1	NSJ – 64mm x 116mm Opening
11	870-2054	6	Nut, Locking – Flange (M6 x 1)		319-4967-02	1	CK and NSJ – 84mm x 112mm Opening
12			Cover, Circuit Breaker		319-4968-02	1	CK and NSF – 84mm x 112mm Opening
	319-5113-02	1	4CDE Generator		319-4969-02	1	NSJ and NSF – 64mm x 116mm Opening
	319-5115-02	1	4F Generator	29	091-0002	1	Strip, Copper (Used for wrapping end of leads before securing to circuit breakers and disconnect switches) (Quantity Used As Required)
13			Cover, Circuit Breaker	30	319-4980-02	1	Bracket, Circuit Breaker – Riser – NSF
	319-5114-02	1	4CDE Generator	31	405-7861-01	2	Insulation, Duct
	319-5116-02	1	4F Generator				
14			Cover, Circuit Breaker				
	319-5108-02	1	4CDE Generator				
	319-5109-02	1	4F Generator				
15	518-0548-58	1	Clamp, Hose				
16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)				
17	860-2010	4	Nut, Hex (M12 x 1.75)				
18	526-2140	8	Washer, Flat (M12)				
19	332-2001	1	Lug, Solderless				
20	856-0010	1	Washer, Lock – W/EIT (3/8)				

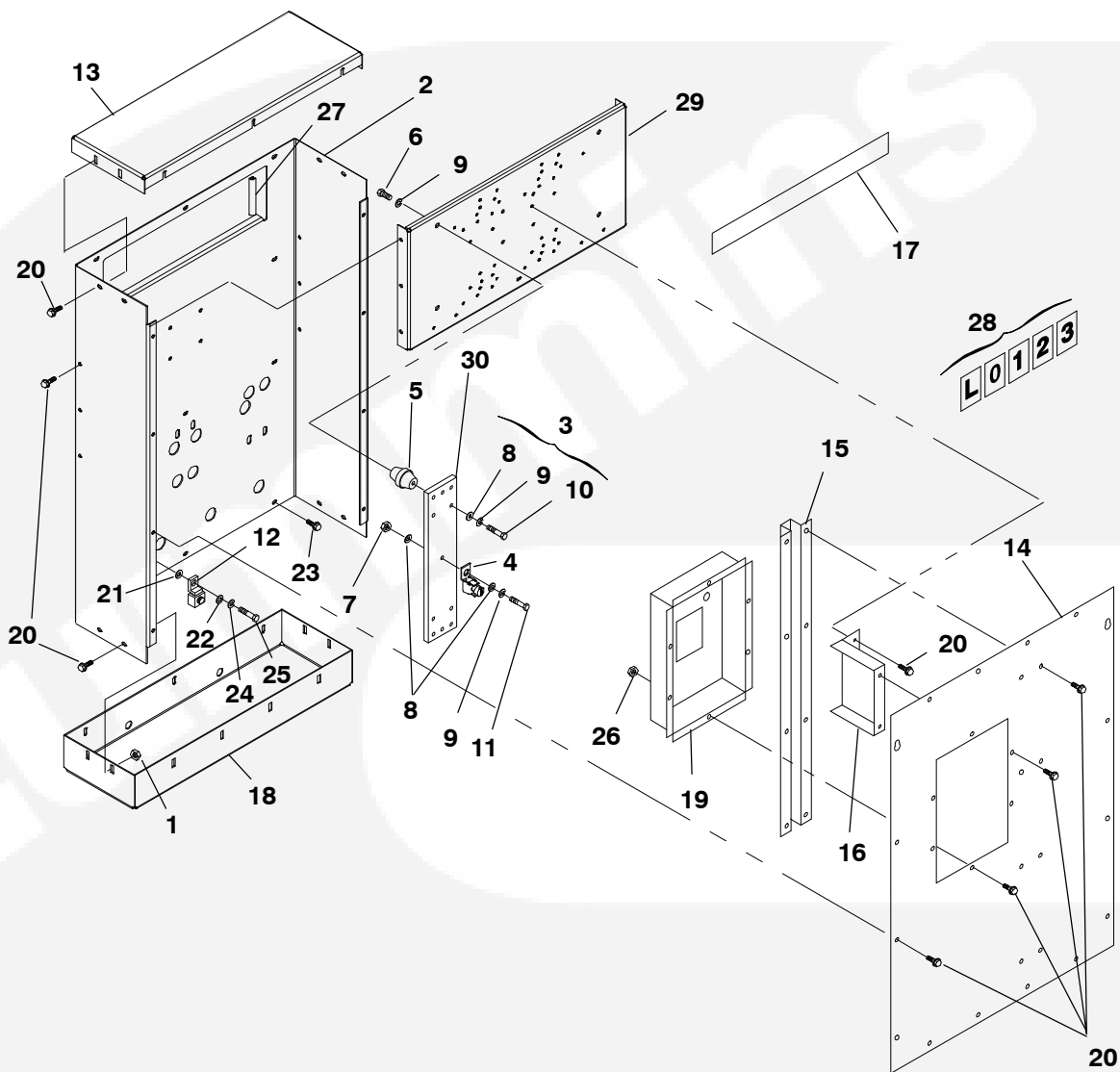
**Circuit Breaker Box
(With F200 – F205 Enclosure)
Begin Spec N**



Circuit Breaker Box
(With F200 – F205 Enclosure)
Begin Spec N

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-5106-02	1	Box, Circuit Breaker	17	860-2010	4	Nut, Hex (M12 x 1.75)
2	319-4983-02	2	Cover, Box	18	526-2140	8	Washer, Flat (M12)
3	319-5492-02	1	Bracket, Circuit Breaker – Mounting	19	337-3667	1	Bus, Bar – Neutral (.25 x 2.00)
4	319-5434-02	1	Bracket, Circuit Breaker	20	856-0010	1	Washer, Lock – W/EIT (3/8)
5	319-5092-02	1	Bracket, Circuit Breaker	21	800-3017-39	2	Screw, Cap – Hex Head (M10 x 1.5 x 35)
6	319-5093-02	1	Bracket, Circuit Breaker	22	337-3538-03	1	Strap, Ground
7	821-6004-01	8	Screw, Hex Head (M10 x 1.5 x 20)	23	098-6535	1	Label, Ground
8	870-0504	16	Nut, Captive – Floating	24	319-5140-02	1	Cover, Circuit Breaker – 4CDE Generator
9			Screw, Hex Head (M6 x 1 x 16)	25	405-7861-01	2	Insulation, Duct
	821-6002-03	99	With Breaker	26	337-3796	2	Bus, Bar – Neutral
	821-6002-03	87	Without Breaker	27	851-0048-02	6	Washer, Belleville (M10)
10			Cover, Circuit Breaker	28	319-5494-02	1	Cup, Switch
	319-5112-02	1	With Circuit Breaker	29	226-4927-01	1	Lead
	319-5198-02	1	Without Circuit Breaker	30	800-0030	1	Screw, Cap – Hex Head (5/16-18 x 1.25)
11	870-2054	6	Nut, Locking – Flange (M6 x 1)	31	098-8114	1	Label, Information – Conduit Location
12			Cover, Circuit Breaker	32	098-8144	2	Label, Information – Service Disconnect
	319-5108-02	1	4CDE Generator	33	319-5490-02	1	Duct, Inlet
	319-5109-02	1	4F Generator	34	098-2304	2	Label, Warning
13			Cover, Circuit Breaker	35	098-2304-01	2	Label, Warning – French
	319-5113-02	1	4CDE Generator	36	098-5347	1	Label, Danger
	319-5115-02	1	4F Generator	37	098-5347-02	1	Label, Danger – French
14			Cover, Circuit Breaker	38	337-3797	1	Bus, Bar
	319-5114-02	1	4CDE Generator				
	319-5116-02	1	4F Generator				
15	518-0548-58	1	Clamp, Hose				
16	800-2114	4	Screw, Cap – Hex Head (M12 x 1.75 x 40)				

Circuit Breaker Box Without Enclosure or With Standard Enclosure



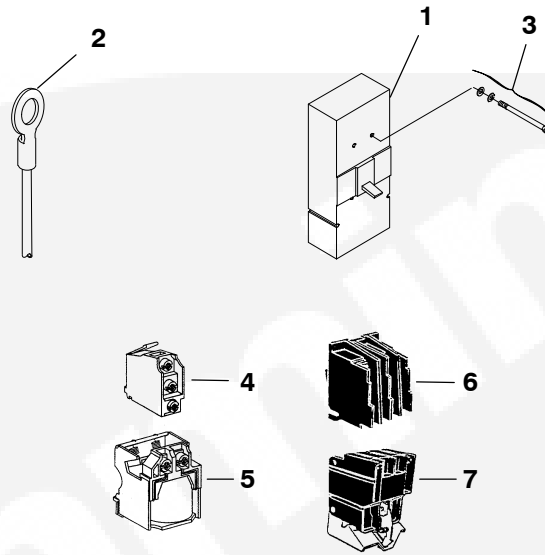
Circuit Breaker Box **Without Enclosure or With Standard Enclosure**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0504	16	Nut, Self-Retaining (M6)	18	319-3183	1	Panel – Bottom
2	319-3169	1	Box	19			Cup
3	300-3515-01	1	Bar Assembly, Neutral – Used on 3 Pole Circuit Breakers and Disconnect Switches (Includes Parts Marked *)		319-2431-27	1	1-1/4" x 3" Opening
					319-2431-26	1	2-7/8" x 4" Opening
					319-2431-30	1	3-5/16" x 4-3/8" Opening
					319-2431-31	1	2-1/2" x 4-9/16" Opening
4	332-3788	3	*Lug, Solderless	20	821-6002-03	53	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)
5	332-2744-07	2	*Standoff, Insulator	21	856-0010	1	Washer, Lock – EIT (3/8")
6	800-0048	2	*Screw, Cap – Hex Head (3/8-16 x 3/4")	22	526-2120	1	Washer, Flat (M10)
7	862-0003	6	*Nut, Hex (3/8")	23	821-2034	2	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)
8	526-0399-20	8	*Washer, Flat	24	850-2010	1	Washer, Lock – Spring (M10)
9	850-0050	10	*Washer, Lock – Spring (3/8")	25	800-2088	1	Screw, Cap – Hex Head (M10 x 25mm)
10	800-0051	2	*Screw, Cap – Hex Head (3/8-16 x 1-1/4")	26	870-2054	4	Nut, Hex – Flange (M6)
11	800-0053	6	*Screw, Cap – Hex Head (3/8-16 x .75)	27	508-1092	–	Edging – Bulk (Order By The Foot – 3 Feet Required)
12	332-2001	1	Lug, Solderless	28			Label, Marker (10 Characters Per Card) (Quantity Used As Required)
13	319-1915	1	Panel – Top		098-5854-06	1	Marked "L"
14	319-1917	1	Cover		098-5854-07	1	Marked "1"
			All Except 4 Pole Switches Mounted on the Right Side When Facing Control		098-5854-08	1	Marked "2"
	319-2463	1	4 Pole Switches Mounted on the Right Side When Facing Control		098-5854-09	1	Marked "3"
					098-5854-10	1	Marked "0"
15	319-3284	1	Brace, Cover	29	319-3329	1	Bracket, Mounting
16	319-3333	1	Brace, Cover	30	337-3514	2	*Bar, Bus – Neutral
17	091-0002	1	Strip, Copper (Used for wrapping end of leads before securing to circuit breakers and disconnect switches) (Quantity Used As Required)				

* – Parts Included In 300-3515-01 Neutral Bar Assembly

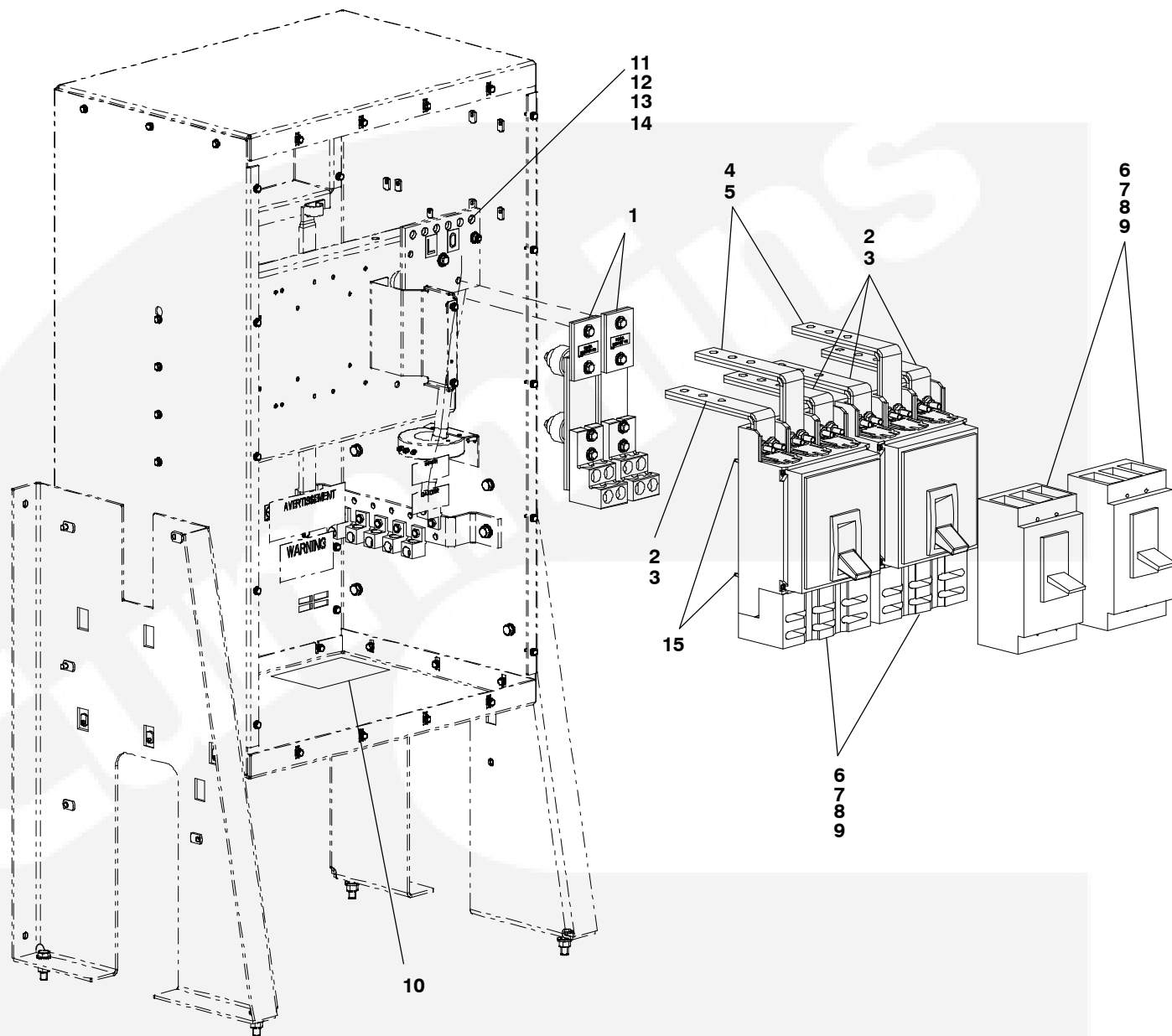
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Circuit Breaker and Disconnect Switch UL Listed, IEC Conformity



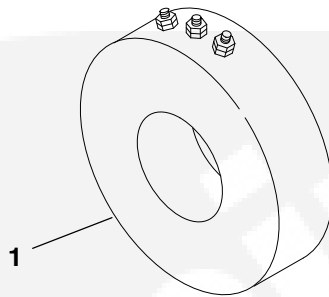
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			The following listed Circuit Breakers and Disconnect Switches include lugs and mounting hardware.	2			Lead (Quantity Used As Required) 39" (Without Markings) (#1/0 Wire)
			Circuit Breakers	226-4406-03	1		1/2" Ring Terminal End to 1" Stripped End
			3 Pole (UL, IEC)	226-4406-04	1		1/2" Ring Terminal End to 1/2" Ring Terminal End
320-1959-06	1		125 Amp	3			Package, Hardware – Mounting (Includes Screws, Nuts and Lock Washers – 1 Package Required Per Switch)
320-1959-05	1		150 Amp				
320-1959-04	1		175 Amp	320-1986-07	1		Used With 320-1960-XX Circuit Breakers
320-1959-03	1		200 Amp	320-1986-01	1		Used With 320-1964-XX Circuit Breakers and 320-1992-02 Disconnect Switch
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				
320-2182-01	1		800 Amp				
320-2183-01	1		1200 Amp				
320-2261-02	1		800 Amp (PJ)				
320-2262-02	1		1200 Amp (PJ)				
			4 Pole (IEC)				
320-1960-10	1		320 Amp	4	320-2196-01	1	Switch – Used as a Trip Alarm or Auxiliary Contact
320-1960-09	1		400 Amp	5	320-1981-01	2	24 Volt Shunt Trip
320-1960-08	1		500 Amp				
320-1960-07	1		630 Amp				
320-1964-08	1		800 Amp				
320-1964-07	1		1000 Amp				
320-1964-06	1		1250 Amp	6	320-1977-01	1	Switches – Includes 1 Trip Alarm and 1 Auxiliary Contact
			Disconnect Switches				
			3 Pole (UL, IEC)	7	320-1977-03	1	24 Volt Shunt Trip
320-1990-02	1		400 Amp				
320-1990-01	1		600 Amp				
320-1992-02	1		800 Amp				

Circuit Breaker Bus Bar



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Bar, Bus – Neutral	8	098-5854-08 A/R		Label, Bus Marking (2)
	337-3660-01	1	Single Circuit Breaker	9	098-5854-09 A/R		Label, Bus Marking (3)
	337-3660-01	2	Dual Circuit Breaker (Mixed Size)	10	098-8114	1	Label, Information – Conduit Location
2	337-3629-01	2	Bar, Bus – Breaker	11	800-2116	A/R	Screw, Cap – Hex Head (M12 x 1.75 x 50)
3	337-3629-02	2	Bar, Bus – Breaker	12	860-2010	A/R	Nut, Hex (M12)
4	337-3629-03	1	Bar, Bus – Breaker	13	850-2012	A/R	Washer, Lock – Split (M12)
5	337-3629-04	1	Bar, Bus – Breaker	14	526-2140	A/R	Washer, Flat (M12)
6	098-5854-06 A/R		Label, Bus Marking (L)	15	870-0131	A/R	Nut, Hex – W/ET
7	098-5854-07 A/R		Label, Bus Marking (1)				

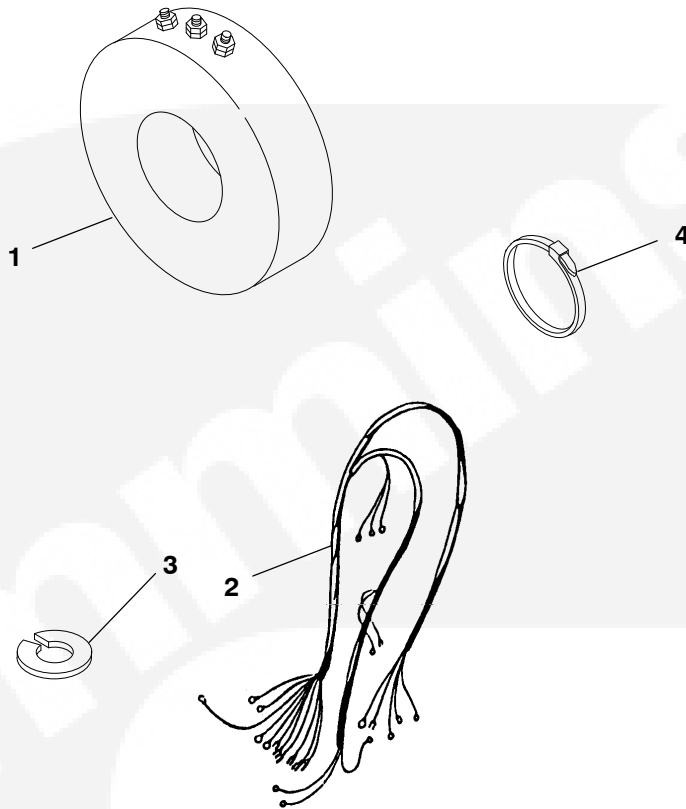
**Current Transformer
PCC2100**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-2057-19 A/R 302-2057-21 A/R		Transformer, Current Ratio 725/1 or 1450/1 Ratio 789/1 or 1578/1				

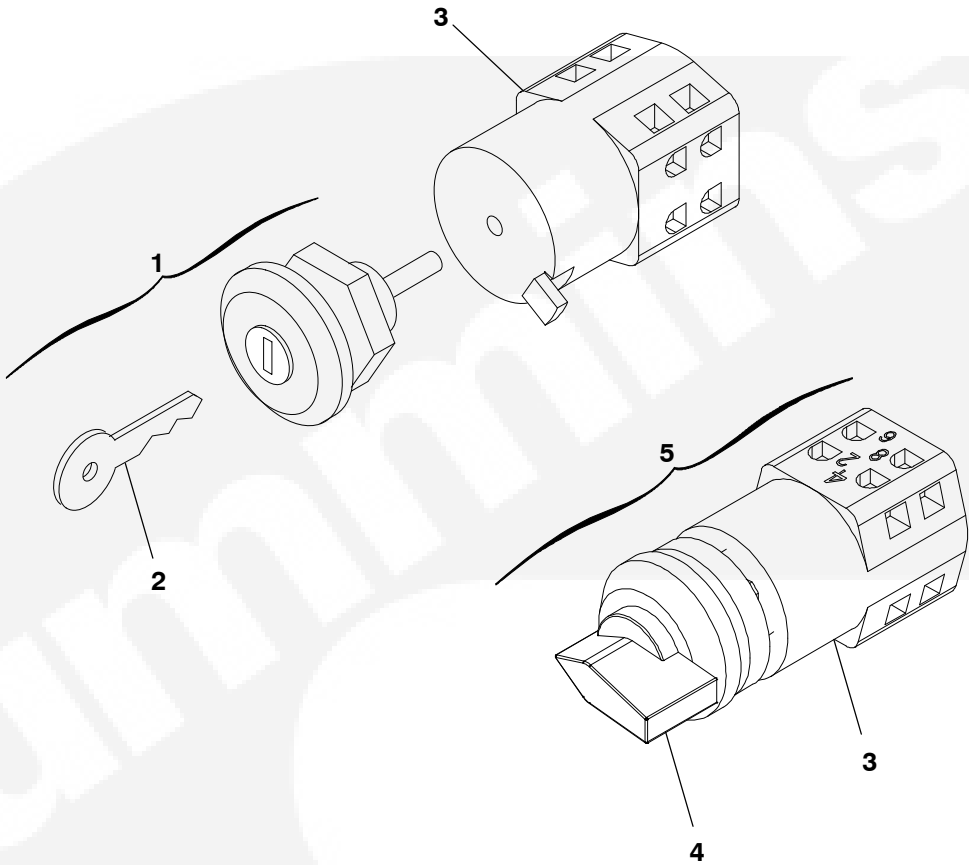


Current Transformer PCC3100



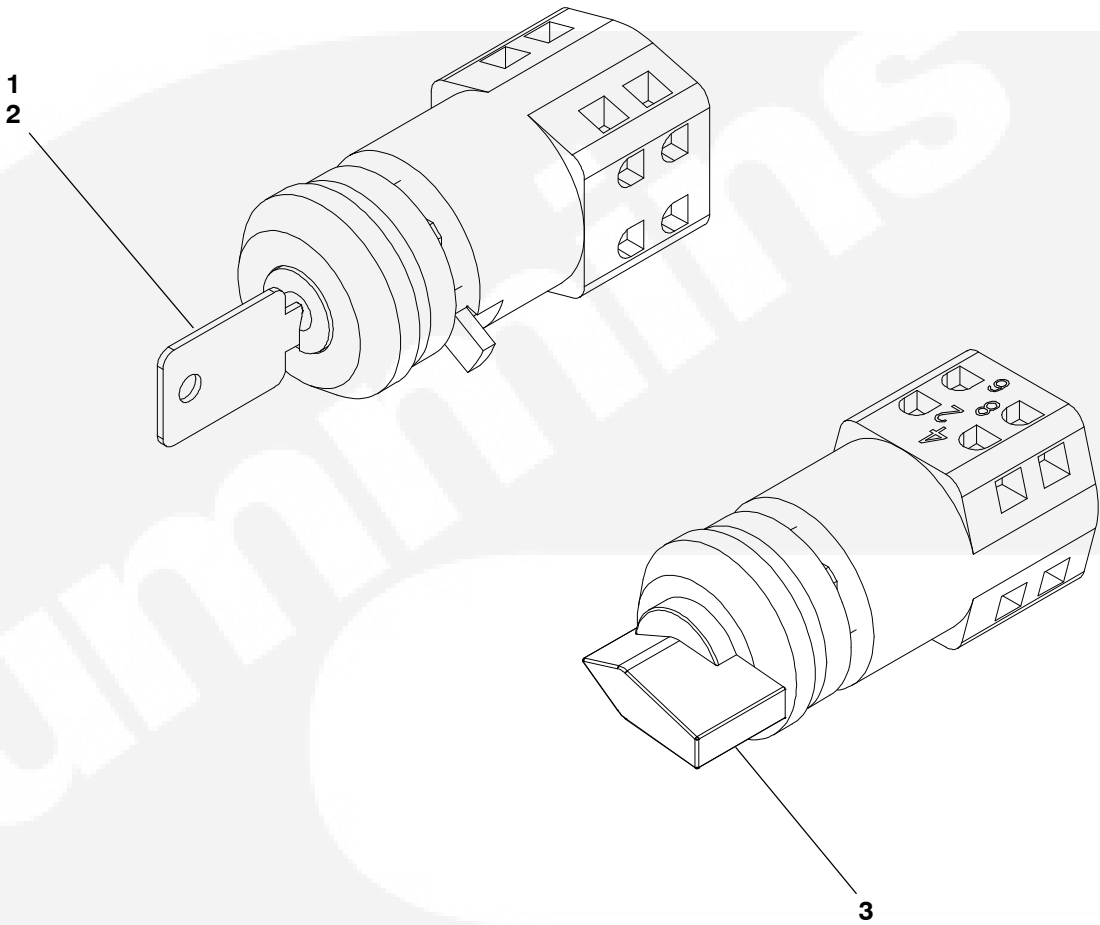
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current	2	338-3019	1	Harness, Transformer
	302-2057-14	3	Ratio 518/1 or 1036/1 (DFAB)	3	332-1389	8	Tie, Cable
	302-2057-15	3	Ratio 552/1 or 1104/1 (DFAC)	4	856-0008	2	Washer, Lock
	302-2057-19	3	Ratio 725/1 or 1450/1 (DFAB)				
	302-2057-21	3	Ratio 789/1 or 1578/1 (DFAC)				

Operator Switch
PCC2100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1045	1	Switch, Key Operator	4	308-1162	1	Knob, Replacement
2	308-1046	2	Key - Spare (Key Only)	5	308-1085	1	Switch, Selector
3	308-0998	1	Switch, Selector				

Operator Switch
PCC3100



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1045	1	Switch, Key Operator	3	308-0998	1	Switch, Selector
2	308-1046	2	Key - Spare				

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	331-0027	2	Connector, Romex (1/2")	7	821-6002-03	7	Screw, Hex Head (M6 x 1 x 16)
2	A029Y213	1	Control, Battery Charger	8	821-6001-02	4	Screw, Hex Head (M5 x .8 x 12)
3	319-5747-02	1	Cover, Control - Battery Charger	9	338-4300-02	1	Harness, Battery Charger
				10	335-0173-06	1	Cable
4	098-6161	1	Label, Danger	11	895-0414	-	Tape, Weather Strio (Rubber) - Bulk (Order by the Foot - 1 Foot Required)
5	098-6387	1	Label, Caution				
6	098-6162	1	Label, Warning				

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
091-0002, 111 , 115		130-3937, 41		130-6018-02, 27		155-2599, 9 , 28	
098-2235-02, 37		130-3942, 39		130-6980, 41		155-2600-01, 9	
098-2304, 113		130-3943, 39		140-0757, 15		155-3021, 33 , 36	
098-2304-01, 113		130-3944, 39		140-1260, 15		155-3543, 29 , 30	
098-5347, 75 , 113		130-3945, 39		140-1260-01, 26		155-3554, 30	
098-5347-01, 37 , 75		130-3946, 39		140-1347, 15		155-4022, 29	
098-5347-02, 113		130-3947, 39		140-1415, 15		155-4026, 30	
098-5854-06, 115 , 117		130-3952, 39		140-1548, 15		155-4045, 30	
098-5854-07, 115 , 117		130-3953, 39		140-2102, 14		155-4047, 30	
098-5854-08, 115 , 117		130-3954, 39		140-2636, 15		155-4048-02, 30	
098-5854-09, 115 , 117		130-3968, 25		140-2637, 15		155-4052, 29 , 30	
098-5854-10, 115		130-3969, 25		140-2638, 15		155-4059-02, 29	
098-6161, 122		130-3970, 25		140-2655, 14 , 15		155-4062, 30	
098-6162, 122		130-3975, 25		140-2656, 14 , 15		155-4064, 29 , 30	
098-6195, 67 , 77		130-3976, 25		140-3288-02, 14		155-4134-02, 47	
098-6387, 122		130-3977, 25		140-3343-02, 14 , 15		155-4138-02, 96 , 97 , 98 , 99	
098-6535, 113		130-3978, 25		140-3362-02, 14		155-4146, 27	
098-6537, 57 , 111		130-3979, 25		140-3388-02, 15		155-4162, 29	
098-6927, 67		130-3980, 25		148-1279-02, 27		155-4258, 29	
098-6928, 67		130-3981, 25		149-2291-01, 26		159-1208, 16 , 19	
098-7904, 69		130-4066, 25		149-2699-01, 108		159-1208-01, 17	
098-7918, 69		130-4355, 41		149-2699-02, 108		159-1299, 16 , 17 , 19	
098-7961-01, 69		130-4362, 41		149-2699-03, 108		159-1390, 22	
098-7989, 69		130-4373, 41		149-2699-04, 108		159-1573-01, 107	
098-8057, 69		130-4374, 41		149-2699-05, 108		159-1573-02, 107	
098-8114, 113 , 117		130-4376, 41		149-2699-06, 108		159-1573-03, 107	
098-8120, 109		130-4377, 41		149-2699-11, 108		159-1573-04, 107	
098-8144, 113		130-4378, 41		149-2699-12, 108		159-1573-05, 107	
098-8185, 103		130-4383-01, 41		149-2699-13, 108		159-1573-06, 107	
102-1335, 11 , 13		130-4383-02, 41		149-2699-14, 108		159-1573-11, 107	
127-0387-02, 55		130-4384-01, 41		149-2699-15, 108		159-1573-12, 107	
128-0154, 43		130-4384-02, 41		149-2699-16, 108		159-1573-13, 107	
128-0154-06, 43		130-4385, 41		149-2710-01, 108		159-1573-14, 107	
130-0449, 25		130-4386, 41		149-2710-02, 108		159-1573-15, 107	
130-3588, 41		130-4387, 41		151-0411, 11 , 13		159-1573-16, 107	
130-3660-01, 22 , 41		130-4534, 41		155-0663-01, 9		159-1573-21, 107	
130-3931-01, 41		130-4552, 35 , 37		155-2062-05, 28		159-1573-22, 107	
130-3932-01, 41		130-4840, 25		155-2062-06, 29		159-1573-23, 107	
130-3932-02, 41		130-5528-02, 33 , 36		155-2305, 28		159-1573-24, 107	
130-3933, 41		130-5532-02, 33		155-2500, 30		159-1573-25, 107	
130-3934, 41		130-5884-03, 51 , 53		155-2582, 28		159-1573-26, 107	
130-3935, 41		130-5884-04, 51 , 53		155-2583, 28		159-1573-31, 107	
130-3936, 41		130-6007-02, 36		155-2584, 28		159-1573-35, 107	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
159-1573-36, 107		226-4927-01, 113		301-9629, 59 , 61		309-0702-08, 107	
159-1573-41, 107		231-0322, 65		302-2057-14, 119		309-0703-01, 108	
159-1577-01, 107		232-3482, 65		302-2057-15, 119		309-0708-01, 107	
159-1577-02, 107		232-3518-01, 65		302-2057-19, 118 , 119		309-0708-02, 107	
159-1590, 27		232-3520-01, 65		302-2057-21, 118 , 119		315-1613, 104	
191-1977, 56		232-3522, 65		305-1009, 70		319-0489, 23	
191-1984, 56		232-3523, 65		307-0844, 25		319-0490, 23	
191-1989-07, 56		232-3524, 65		307-1056-01, 82		319-1345, 59 , 61	
191-2072, 56		232-3722, 65		307-2621-02, 11 , 13		319-1915, 57 , 115	
191-2326-02, 56		232-3850, 63		307-2677-02, 20		319-1916, 57	
191-2341, 54		232-3981-01, 65		307-2817-02, 72 , 109		319-1917, 115	
191-2402, 41		234-0889, 65		307-2859, 35		319-2006-01, 79	
193-0029, 26		249-0168-02, 66		307-2874, 70		319-2006-02, 79	
193-0432, 13		249-0168-03, 66		307-3003-01, 86 , 87		319-2006-05, 72	
193-0446-01, 81		249-0168-04, 66		307-3089, 37		319-2220, 62	
193-0481, 31		249-0168-05, 66		308-0852, 20		319-2236, 11 , 13	
193-0486, 31		249-0171-02, 66		308-0912, 20		319-2431-26, 115	
193-0529-01, 11		249-0171-03, 66		308-0913-06, 17 , 19		319-2431-27, 115	
193-0540, 26		249-0171-04, 66		308-0916-01, 23		319-2431-30, 115	
201-3459-01, 66		249-0797, 65		308-0963-01, 21		319-2431-31, 115	
201-3459-02, 66		249-5080-02, 66		308-0973, 109		319-2463, 115	
201-3459-03, 66		249-5080-03, 66		308-0998, 120 , 121		319-2768, 59 , 61	
201-3459-04, 66		249-5080-04, 66		308-0999, 102		319-2814, 35	
201-3460, 65		249-5080-05, 66		308-1045, 120 , 121		319-2815, 33	
211-0431, 65		249-5081-02, 66		308-1046, 120 , 121		319-2918, 33 , 36	
220-4248, 65		249-5081-03, 66		308-1085, 120		319-3169, 57 , 115	
220-4252-01, 66		249-5081-04, 66		308-1162, 120		319-3183, 57 , 115	
220-4252-02, 66		300-3464, 20		308-1177, 102		319-3251, 57	
220-4252-03, 66		300-3515-01, 115		309-0269, 13		319-3255, 59 , 61	
220-4252-04, 66		300-3998-01, 83 , 84		309-0649, 33 , 36		319-3257, 59 , 61	
220-4252-07, 66		300-4515-01, 77		309-0701-01, 107		319-3270-01, 59 , 61	
220-4252-08, 66		300-4515-02, 77		309-0701-02, 107		319-3274, 61	
220-4252-09, 66		300-5180, 69		309-0701-03, 107		319-3278, 61	
220-4468-01, 66		300-5383, 69		309-0701-04, 107		319-3284, 57 , 115	
220-4468-02, 66		300-5419-01, 33		309-0701-05, 107		319-3287-01, 59 , 61	
220-4468-03, 66		300-5446, 69		309-0701-07, 107		319-3287-02, 59 , 61	
220-4468-04, 66		300-5447, 69		309-0701-08, 107		319-3291, 59	
220-4468-07, 66		300-5467, 69		309-0702-01, 107		319-3329, 115	
220-4468-08, 66		300-5815, 108		309-0702-02, 107		319-3333, 115	
220-4468-09, 66		300-6475, 36		309-0702-03, 107		319-4456-02, 75	
226-4406-03, 116		301-6987, 86 , 87		309-0702-04, 107		319-4457, 75	
226-4406-04, 116		301-9511, 62		309-0702-05, 107		319-4487, 69	
226-4696, 84		301-9512, 59 , 61		309-0702-07, 107		319-4488, 69	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
319-4497, 69		320-1959-03, 116		323-1494, 35		331-0042, 20 , 35 , 37	
319-4530, 20		320-1959-04, 116		323-1500, 35		331-0554, 35 , 37	
319-4534, 20		320-1959-05, 116		323-1502, 35		331-0555, 35 , 37	
319-4787-02, 37		320-1959-06, 116		323-1503, 72 , 79		331-0570, 35	
319-4955-02, 111		320-1960-01, 116		323-1504, 35		331-0602, 103	
319-4962-02, 111		320-1960-02, 116		323-1523, 85		332-0604, 72 , 79	
319-4964-02, 111		320-1960-03, 116		323-1525, 72		332-0941, 25 , 54	
319-4965-02, 111		320-1960-04, 116		323-1540, 79		332-1043, 72 , 79	
319-4967-02, 111		320-1960-05, 116		323-1580, 79		332-1389, 119	
319-4968-02, 111		320-1960-06, 116		323-1581, 79		332-1445, 67 , 69	
319-4969-02, 111		320-1960-07, 116		323-1605-02, 79		332-1468, 35 , 37	
319-4979-02, 111		320-1960-08, 116		323-1605-03, 79		332-1469, 35 , 37	
319-4980-02, 111		320-1960-09, 116		323-1614-01, 79		332-2001, 57 , 111 , 115	
319-4983-02, 111 , 113		320-1960-10, 116		323-1615, 79		332-2262, 41	
319-5025-02, 75		320-1964-06, 116		323-1623, 79		332-2420, 67 , 69 , 77 , 86 , 87	
319-5026-02, 75		320-1964-07, 116		323-1624, 79		332-2431, 25	
319-5027-02, 75		320-1964-08, 116		323-1637, 79		332-2605, 20	
319-5038-02, 86 , 87		320-1977-01, 116		323-1643-01, 79		332-2744-07, 115	
319-5056-02, 109		320-1977-03, 116		323-1648, 79		332-2878, 70	
319-5092-02, 111 , 113		320-1981-01, 116		323-1652, 35 , 79		332-3009, 65	
319-5093-02, 111 , 113		320-1986-01, 116		323-1666, 72 , 79		332-3023, 63	
319-5100-02, 101		320-1986-07, 116		323-1667, 72 , 79		332-3024-14, 63	
319-5106-02, 111 , 113		320-1990-01, 116		323-1708, 72 , 79		332-3096-01, 79	
319-5108-02, 111 , 113		320-1990-02, 116		323-1709, 72 , 79		332-3196, 33 , 36 , 75	
319-5109-02, 111 , 113		320-1992-02, 116		323-1718, 35 , 79		332-3235, 80	
319-5112-02, 111 , 113		320-2182-01, 116		323-1755, 72		332-3440, 35 , 37	
319-5113-02, 111 , 113		320-2183-01, 116		323-1765, 72 , 79		332-3496, 79	
319-5114-02, 111 , 113		320-2196-01, 116		323-1951, 69		337-3629-03, 117	
319-5115-02, 111 , 113		320-2261-02, 116		323-1953, 69		332-3740, 59	
319-5116-02, 111 , 113		320-2262-02, 116		323-2003-01, 83 , 86		332-3788, 115	
319-5125, 102		321-0370, 79		323-2003-02, 67		332-3792-01, 72	
319-5140-02, 111 , 113		321-0371, 72 , 79		323-2102-01, 103		332-3842-01, 70	
319-5198-02, 113		321-0372-01, 72		327-1275, 69		332-3896, 69	
319-5434-02, 113		321-0372-07, 79		327-1301, 80		332-9941, 59	
319-5477-02, 59		322-0369-02, 20		327-1379-01, 69		333-0407-04, 38	
319-5490-02, 113		322-0403-02, 20		330-0005, 102		333-0407-05, 38	
319-5492-02, 113		323-1410-01, 82		330-0141-03, 63		333-0407-06, 38	
319-5494-02, 113		323-1411-01, 82		330-0141-04, 63		333-0438-03, 63	
319-5747-02, 122		323-1444, 79		330-0142, 63		333-0438-04, 63	
319-6838, 36		323-1445, 35 , 79		330-0157, 103		333-0634-01, 33	
320-1653, 20		323-1491, 35 , 79		330-0158, 103		333-0634-02, 33	
320-1959-01, 116		323-1492, 35 , 72 , 79		331-0027, 20 , 102 , 108 , 122		333-0661-01, 67	
320-1959-02, 116		323-1493, 72 , 79				333-0661-02, 67	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
333-0677-01, 36		338-4360-02, 109		405-5196, 43		405-7587-02, 96 , 98	
333-0677-02, 36		338-4426, 108		405-6000-08, 45 , 47		405-7588-02, 98	
333-0682, 109		338-4438, 70		405-6000-09, 45 , 47		405-7589-02, 98	
333-0683, 109		338-4991, 25		405-6000-10, 45 , 47		405-7590-02, 98	
335-0173, 67		338-4995-03, 37		405-6000-11, 45 , 47		405-7591-02, 98	
335-0173-01, 67		338-5027, 69		405-6000-12, 98 , 99		405-7595-02, 98	
335-0173-02, 77		338-5111, 37		405-6000-13, 96 , 97 , 98 , 99		405-7596-02, 94	
335-0173-06, 122		357-0030, 35		405-6000-14, 96 , 97		405-7599-02, 94	
335-0189, 69		357-0093, 65		405-6000-15, 90 , 91		405-7600-02, 94	
337-0049, 69		357-0114, 77		405-7246-02, 71		405-7604-02, 47	
337-0090, 48		399-0117, 19		405-7248-02, 71		405-7606-02, 88	
337-0090-02, 51 , 53		399-0121, 19		405-7249-02, 59 , 61		405-7616, 45 , 47	
337-2402, 16 , 17 , 19		399-0122, 19		405-7254-02, 59 , 61		405-7617, 45 , 47	
337-3514, 115		399-0123, 19		405-7500-02, 47		405-7618, 45 , 47	
337-3538-03, 111 , 113		399-0124, 19		405-7501-02, 47		405-7620, 45 , 47	
337-3629-01, 117		402-0354, 86 , 87		405-7503-01, 94 , 95		405-7626, 45 , 47	
337-3629-02, 117		402-0610, 11 , 13 , 16 , 17 , 19		405-7503-02, 94 , 95		405-7628, 45 , 47	
337-3629-04, 117		402-0729, 59 , 61		405-7508-02, 53		405-7630, 45 , 47	
337-3660-01, 117		402-0764-01, 69		405-7510-02, 53		405-7631-01, 88	
337-3667, 113		402-0779-03, 48		405-7531-02, 94		405-7631-02, 88	
337-3796, 113		402-0779-07, 48		405-7534-02, 90		405-7632-02, 92	
337-3797, 113		402-0816-01, 51 , 53		405-7534-04, 90		405-7633, 88	
338-2382, 20		402-0820, 51 , 53		405-7535, 90 , 91		405-7634-02, 92	
338-2592-01, 72 , 79		403-3248-01, 48		405-7537-02, 96 , 98		405-7635-02, 92	
338-2800, 19		403-3362, 51 , 53		405-7538-02, 96		405-7637, 45 , 47	
338-2809, 17 , 19		403-4530-02, 48		405-7539-01, 88 , 89		405-7657-04, 51 , 53	
338-3019, 119		403-5034-01, 49		405-7539-02, 88 , 89		405-7658-02, 102	
338-3232, 87		403-5111-02, 51 , 53		405-7540-02, 96		405-7666-02, 75	
338-3285, 79		404-0006, 97		405-7553-02, 90		405-7720-01, 89	
338-3348, 65		405-3980, 43		405-7554-02, 90		405-7720-02, 89	
338-3385, 35		405-4104, 43		405-7557-02, 90		405-7721-01, 91	
338-3923-07, 35		405-4106, 43		405-7558-02, 90		405-7721-02, 91	
338-4056, 79		405-4107, 43		405-7569, 88 , 89		405-7722, 91	
338-4186, 85		405-4110, 43		405-7574-02, 47		405-7723, 91	
338-4201, 72		405-4111, 43		405-7574-04, 47		405-7724, 91	
338-4245, 86		405-4112, 43		405-7577-02, 45 , 47		405-7725, 91	
338-4293, 102		405-4395-01, 43		405-7577-04, 45 , 47		405-7726, 89	
338-4295-01, 88 , 89		405-4401, 43		405-7579-02, 96 , 98		405-7727, 93	
338-4295-02, 94 , 95		405-4404, 43		405-7580-02, 96		405-7728, 89	
338-4295-03, 88 , 89 , 94 , 95		405-4405, 43		405-7581, 96 , 97 , 98 , 99		405-7729, 93	
338-4300-02, 122		405-4438-01, 43		405-7582, 96 , 97		405-7730, 93	
338-4360-01, 109		405-4439, 43		405-7583, 96 , 97		405-7732-02, 98	
						405-7734-04, 47	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
405-7735-04, 47		405-7847, 45		415-0654, 16		502-0827, 11 , 13 , 33 , 36 , 51 , 53	
405-7736-02, 47		405-7848, 45		415-0655, 16		502-0876, 51 , 53	
405-7737-02, 47		405-7849, 45		415-0656-21, 16		502-0942, 19 , 108	
405-7738-02, 47		405-7850, 45		415-0657, 16		502-0943, 19	
405-7739-02, 47		405-7851, 45		415-0660, 16		502-0971, 25	
405-7740-02, 45 , 47		405-7853, 45		415-0727, 17 , 19		502-0993, 108	
405-7741-02, 47		405-7854, 45		415-0728, 16		502-1030, 51 , 53	
405-7742-02, 45 , 47		405-7855, 45		416-0680, 54		502-1054-07, 55	
405-7743-02, 47		405-7861-01, 111 , 113		416-0850, 48		502-1217-01, 11 , 13	
405-7744-02, 47		405-7863-02, 47		416-1019, 54		502-1226, 26	
405-7745, 45 , 47		405-7866, 51		416-1021-03, 72 , 79		502-1257, 33	
405-7746, 45 , 47		405-7868, 51		416-1084-01, 54		502-1259, 33	
405-7754, 88 , 89 , 94		405-7882, 45 , 47		416-1088, 54		502-1260, 33	
405-7755-02, 90		405-7883, 45 , 47		416-1092, 54		502-1261, 33	
405-7756-02, 47		405-7884-02, 47		416-1096, 54		502-1302, 26	
405-7761, 97 , 99		405-7885-02, 47		416-1097, 54		502-1336, 33 , 36	
405-7762, 97 , 99		405-7922, 100		420-0609-01, 107		502-1383, 51 , 53	
405-7763, 97		405-7923, 100		420-0609-02, 107		503-0098, 11 , 13	
405-7764, 97 , 99		405-7924, 95		420-0609-03, 107		503-0131, 51 , 53	
405-7765, 97		405-7925, 95		420-0609-04, 107		503-0183, 19	
405-7766, 97		405-7997, 102		420-0609-05, 107		503-0189, 11 , 13 , 25 , 51 , 53	
405-7782, 99		405-8112-02, 98		420-0609-07, 107		503-0685, 25	
405-7783, 99		405-9023-02, 96		420-0609-08, 107		503-1026, 41	
405-7784, 99		405-9842-02, 96		420-0610-01, 108		503-1068, 25	
405-7785, 99		405-9843, 97		420-0610-02, 108		503-1379-02, 25 , 41	
405-7786, 99		406-0782, 43		420-0610-03, 108		503-1418, 41	
405-7787, 99		406-0845, 69		420-0610-04, 108		503-1575-01, 9 , 28 , 29 , 30	
405-7800, 91		406-0929, 45 , 47 , 88 , 89		420-0610-05, 108		503-1634, 25 , 41	
405-7810-02, 92		406-0970-01, 45 , 47		420-0610-06, 108		503-1634-01, 33 , 36	
405-7812-01, 45 , 47		406-0970-02, 45 , 47		425-1799, 65		503-1660, 108	
405-7812-02, 47		406-0970-03, 45 , 47		501-0247, 39		503-1660-04, 19	
405-7825, 93		406-0970-04, 45 , 47		501-0551, 25		503-1811, 25 , 39 , 41	
405-7835, 45		406-0970-05, 45		501-0551-02, 41		503-1870-04, 25	
405-7836, 45		406-0970-06, 45		501-0551-04, 36		503-1870-07, 14 , 15	
405-7837, 45		406-0972-02, 43 , 45 , 47		501-0568, 25		503-1870-11, 14 , 15	
405-7838, 45		406-1049-01, 45 , 47		501-0751, 48		503-1870-14, 14	
405-7839, 45		406-1049-02, 45 , 47		501-0752-01, 48		503-1872-01, 41	
405-7840, 45		406-1076, 45		502-0034, 26		503-1872-04, 39 , 41	
405-7841, 45		415-0565-15, 17 , 19		502-0053, 41		503-1872-05, 41	
405-7842, 45		415-0566-15, 16 , 17 , 19		502-0058, 36		503-2157-01, 33 , 36	
405-7844-02, 45		415-0650-01, 16		502-0067, 26		503-2276, 14 , 15	
405-7845-02, 45		415-0651-19, 16		502-0080, 9			
405-7846, 45		415-0652, 16		502-0395, 25			

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
503-2433-01, 51 , 53		508-0306, 65		525-0749, 7		800-0090, 48	
503-2433-02, 51 , 53		508-1042-09, 45 , 47		526-0008, 16		800-0091, 48	
503-2434-01, 51 , 53		508-1090, 61		526-0026, 28 , 41		800-0130, 14 , 15 , 33 , 36	
504-0011, 11 , 13		508-1092, 57 , 115		526-0027, 51 , 53		800-0132, 51 , 53	
504-0028, 25 , 41		508-1102, 45 , 47		526-0029, 23 , 33 , 36 , 41		800-0155, 48	
504-0057, 25		508-1188, 75		526-0030, 48 , 56		800-0156, 30 , 48	
504-0064, 26		508-1195, 109		526-0035, 65		800-0167, 51 , 53	
504-0176, 41		509-0266-03, 65		526-0049, 37		800-0183, 65	
504-0213, 36		510-0168, 65		526-0112, 14 , 15		800-0218, 26	
504-0215, 36		511-0161-02, 56		526-0172, 96 , 97 , 98 , 99		800-2004, 65	
504-0252, 108		515-0300-01, 65		526-0174, 29 , 30		800-2008, 63	
505-0004, 25		517-0021, 63		526-0219, 48		800-2042, 65	
505-0011, 25		517-0131, 59 , 61 , 75		526-0238-01, 48		800-2054, 71 , 75	
505-0019, 11 , 13 , 51 , 53		517-0135, 59 , 61		526-0249-01, 45 , 47		800-2058, 98 , 99	
505-0022, 33 , 36		517-0136, 59 , 61		526-0399-05, 109		800-2060, 11 , 13 , 56	
505-0026, 21		517-0136-01, 96 , 97		526-0399-20, 115		800-2061, 65	
505-0050, 11 , 13 , 16 , 17 , 19 , 33 , 36 , 51 , 53		517-0137, 59 , 61		526-0399-59, 108		800-2066, 65	
505-0055, 22		517-0138-02, 35 , 37 , 101		526-0399-62, 111		800-2085, 41 , 54	
505-0078, 36		517-0245, 43		526-2060, 65		800-2086, 48	
505-0098, 26		517-0350, 45 , 47		526-2080, 65		800-2087, 65	
505-0099, 25		517-0355, 69		526-2100, 45 , 61 , 65 , 71 , 75		800-2088, 57 , 115	
505-0100, 11 , 13 , 33 , 36		517-0356, 69		526-2101, 101		800-2089, 29 , 30 , 45 , 47	
505-0101, 33 , 36		517-0357, 69		526-2106, 45 , 47		800-2091, 65	
505-0120, 16 , 17 , 19 , 51 , 53		517-0364, 45 , 47		526-2109, 98 , 99		800-2093, 56	
505-0140, 25		518-0018, 65		526-2120, 56 , 57 , 65 , 115		800-2107, 13	
505-0172, 16 , 17 , 19 , 25		518-0340, 109		526-2140, 14 , 15 , 30 , 51 , 53 , 65 , 96 , 97 , 98 , 99 , 111 , 113 , 117		800-2111, 14 , 15 , 30 , 59 , 61	
505-0175, 25		518-0548-02, 11 , 13 , 59 , 61		539-4827-05, 45		800-2112, 25	
505-0201, 25		518-0548-08, 25 , 31		625-2141-01, 17 , 19 , 20		800-2114, 30 , 51 , 53 , 59 , 61 , 96 , 97 , 98 , 99 , 111 , 113	
505-0231, 33 , 36		518-0548-15, 36 , 101		718-1067, 56		800-2116, 117	
505-0248, 16 , 17 , 19		518-0548-20, 41		720-1146, 65		800-2244, 65	
505-0394, 25		518-0548-24, 61		725-1103, 65		800-3017-39, 65 , 111 , 113	
505-0645, 25		518-0548-58, 113		800-0006, 84		800-3017-55, 65	
505-1043, 25		518-0601, 7		800-0026, 51 , 53		800-3017-56, 65	
505-1050-01, 21		518-0704, 51 , 53		800-0030, 113		800-6294, 27 , 29 , 47	
505-1301, 25		520-0544, 43		800-0048, 48 , 115		805-0032, 65	
505-1379, 48		525-0304, 7		800-0051, 25 , 115		812-0067, 11 , 13	
505-1458-04, 21		525-0305, 7		800-0052, 41		812-0068, 103	
505-2425, 25		525-0306, 7		800-0053, 115		812-0075, 20	
508-0228, 63		525-0551-02, 7		800-0054, 33 , 36		814-2150, 59	
508-0292, 11 , 13		525-0551-03, 7		800-0062, 41		815-0181, 45	
508-0305-02, 59		525-0551-04, 7		800-0074, 65		815-0203, 37	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
815-0236, 22		821-5002-04, 17 , 19 , 41		850-2005, 56 , 63 , 65		870-0131, 33 , 36 , 37 , 117	
815-0350, 20		821-5003-01, 41		850-2006, 65		870-0183, 11 , 13 , 103 , 109	
815-0385, 20		821-5003-03, 41 , 43 , 51 , 53		850-2008, 56 , 65		870-0212, 11 , 13 , 16 , 17 , 19	
815-0446, 37		821-5004-02, 33 , 36 , 41 , 43		850-2010, 13 , 45 , 47 , 48 , 54 , 56 , 57 , 65 , 101 , 115		870-0221, 86 , 87	
815-0447, 37				850-2012, 14 , 15 , 59 , 61 , 65 , 117		870-0257, 23 , 86 , 87	
815-0464, 35		821-6001-01, 75		851-0039, 56		870-0281, 25	
815-0538, 72 , 79		821-6001-02, 65 , 122		851-0048-02, 113		870-0437, 28	
815-0539, 33 , 36		821-6002-02, 71		853-0005, 86 , 87		870-0453, 28	
815-0651, 109		821-6002-03, 45 , 47 , 57 , 59 , 61 , 62 , 75 , 103 , 108 , 109 , 111 , 113 , 115 , 122		853-1008, 16		870-0458, 20	
815-0792-02, 69		821-6003-01, 75		853-2006, 45 , 47		870-0504, 57 , 111 , 113 , 115	
815-0836, 22		821-6003-02, 14 , 15 , 45 , 47 , 59 , 61 , 88 , 89		853-2012, 51 , 53		870-0550-07, 43	
815-0918, 102		821-6003-03, 101		854-0006, 104		870-0550-09, 33 , 36 , 41 , 43	
815-0937, 109		821-6004-01, 14 , 15 , 59 , 61 , 111 , 113		856-0002, 20		870-2054, 59 , 61 , 83 , 103 , 111 , 113 , 115	
815-0943-02, 75		821-6006-01, 45 , 47		856-0003, 37		870-2055, 45 , 47 , 59 , 61	
815-0959-03, 104		821-6007-02, 27 , 29 , 45 , 47 , 88 , 89 , 90 , 91 , 92 , 93 , 94 , 95 , 96 , 97 , 98 , 99		856-0006, 59 , 61		870-2056, 48 , 56	
816-0098, 43		822-3047, 63		856-0008, 119		870-2064-02, 65	
818-0231-01, 90 , 91 , 94		822-3075, 63		856-0010, 11 , 13 , 48 , 54 , 57 , 75 , 111 , 113 , 115		870-2065-03, 15 , 45 , 47	
818-0231-02, 43 , 45 , 47 , 93 , 102		826-2133-03, 45		856-0021, 63		870-2065-04, 14 , 15	
818-0231-03, 99		850-0040, 84		860-0008, 20		870-2161, 56	
818-0231-06, 45 , 47 , 92 , 96 , 97 , 98 , 99 , 100 , 102		850-0045, 75		860-2005, 63		870-2213-02, 69	
818-1157, 45 , 47		850-0050, 115		860-2006, 56 , 63 , 65		871-0010, 37	
819-1137-01, 69		850-0055, 65		860-2008, 56 , 75 , 98 , 99 , 101		895-0170, 25	
819-1137-02, 69		850-0060, 48		860-2009, 45 , 47 , 56 , 101		895-0308, 43	
819-1144, 69		850-0065, 26		860-2010, 51 , 53 , 65 , 96 , 97 , 98 , 99 , 111 , 113 , 117		895-0414, 122	
819-1154, 70		850-0070, 14 , 15 , 33 , 36 , 51 , 53		862-0001, 84		A028X493, 11 , 13	
821-0014, 61 , 75		850-0079, 30 , 48		862-0003, 115		A029Y213, 122	
821-0017, 86 , 87		850-0086, 65		862-0008, 48		A030A412, 103	
821-0030, 16 , 17 , 19 , 25		850-0103, 33 , 36		862-0008-01, 30 , 51 , 53		A030A421, 103	
821-0033, 28		850-0114-55, 65 , 111		862-0016, 48		A030F216, 63	
821-0034, 25		850-0114-56, 65		864-0011, 16		A040S190, 98 , 99	
821-2034, 83 , 115		850-2003, 63 , 104		867-0028, 16		A040U800, 69	
821-2035, 57						A041T419, 20	
821-2060, 25 , 39						A043G116, 101	
821-5002-03, 23 , 33 , 36 , 39							

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