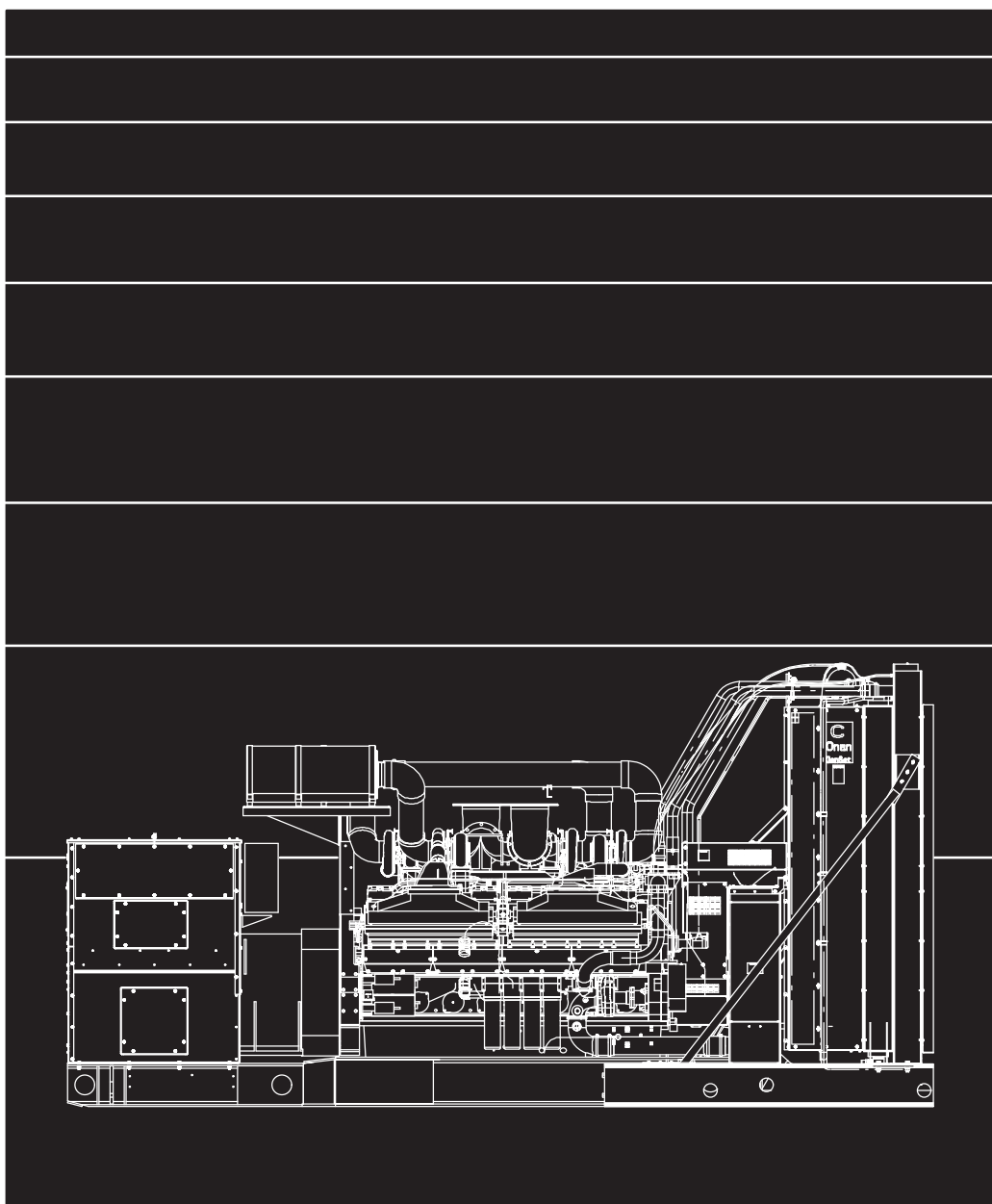




Parts Catalog

DQKB
DQKC

Generator Set



MODEL IDENTIFICATION

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

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

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

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



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



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



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

PRODUCT SAFETY PRECAUTIONS



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



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



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



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

Introduction

This catalog applies to Onan Generator Models DQKB and DQKC 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 Onan are identified in this catalog. All other engine replacement parts must be ordered from the engine manufacturer by referring to the engine manufacturer's nameplate and supplying all available information. Contact your nearest engine parts distributor for assistance in ordering replacement parts.

Replacement Engine

Onan/Cummins Generator Model	Cummins Engine Model
DQKB, DQKC (50 Hertz)	QSK60–G3 Technical Configuration Number D593002GX03
DQKB, DQKC (60 Hertz)	OSK60–G6 Technical Configuration Number D593002GX03

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

Generator Set Data Table

Model and Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
1500DQKB/*	1,500,000	#	50	12	3	24VDC
1650DQKC/*	1,650,000	#	50	12	3	24VDC
1750DQKB/*	1,750,000	#	60	12	3	24VDC
2000DQKC/*	2,000,000	#	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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Abbreviations

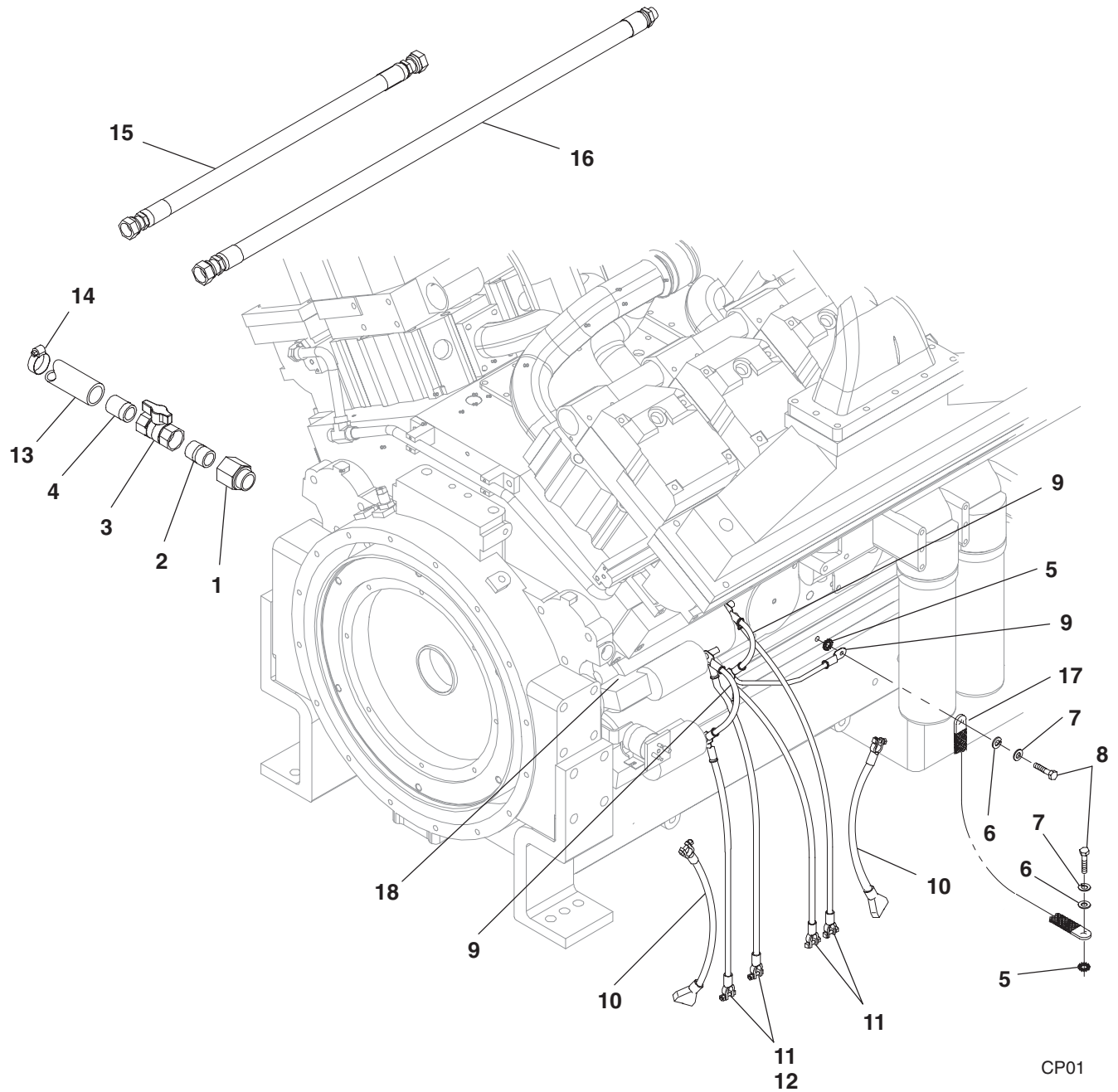
Some of the following abbreviations may be used throughout this Parts Catalog:

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

Paint and Thread Sealant

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

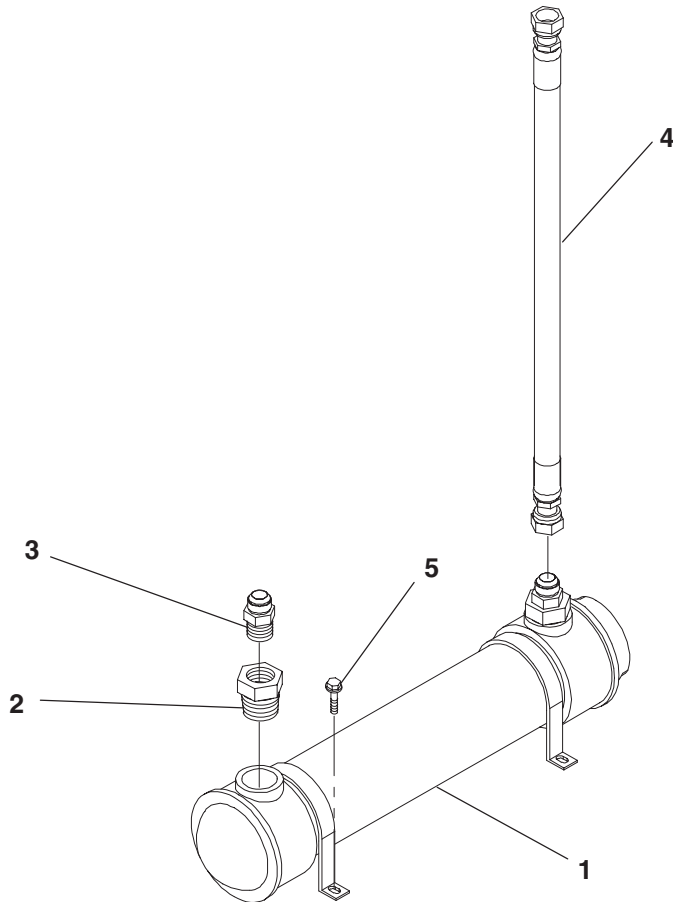
Engine Accessories



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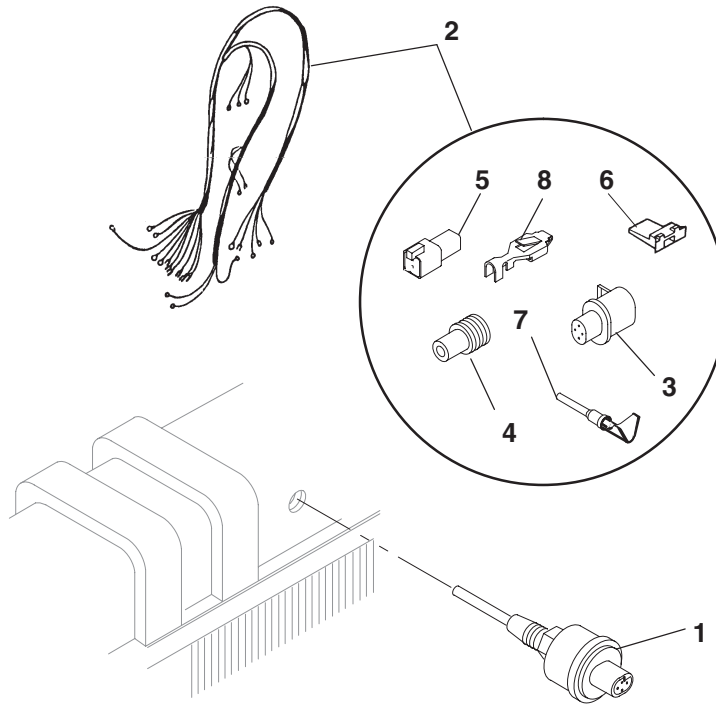
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	505-1508	1	Adapter (3/4" Female to M27 Male) (Includes "O" Ring)	12	416-1019	2	Boot, Battery (Red)
2	505-0102	1	Nipple, Pipe – Close (3/4")	13	503-0249	–	Hose, Oil Drain – Bulk (3/4" ID) (Order By The Foot – 3 Feet Required)
3	504-0171	1	Valve, Shutoff (3/4")	14	503-0189	1	Clamp, Hose
4	505-0324	1	Nipple, Pipe – Half (3/4" x 2")	15	501-0682	1	Line, Fuel – Flexible (Fuel In) (51")
5	856-0013	2	Washer, Lock – EIT (1/2")	16	501-0678-02	1	Line, Fuel – Flexible (Fuel Out) (96")
6	526-2140	2	Washer, Flat (M12)	17	337-0090-01	1	Strap, Ground (27")
7	850-2012	2	Washer, Lock – Spring (M12)	18	338-3894	1	Harness, Wiring – Diode – Starter
8	800-2111	2	Screw, Cap – Hex Head (M12 x 25mm)				
9	416-0680	3	Cable, Battery (10")				
10	416-0446	2	Cable, Battery (12–1/2")				
11	416-0639	4	Cable, Battery (60")				

**Fuel Cooler
Sets With Heat Exchanger Cooling
DQKC**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-5090	1	Exchanger, Heat – Fuel	4	501-0678-03	1	Line, Flexible (7/8" ID x 28")
2	505-0024	2	Bushing, Reducer – Pipe (1-1/2" to 1")	5	821-6003-03	4	Screw, Self-Locking – Hex Washer Head (M8 x 25mm)
3	502-0656	2	Adapter, Male – Brass (1-5/16" x 1")				

Low Coolant Level Sender Generator Sets Without Remote Radiator

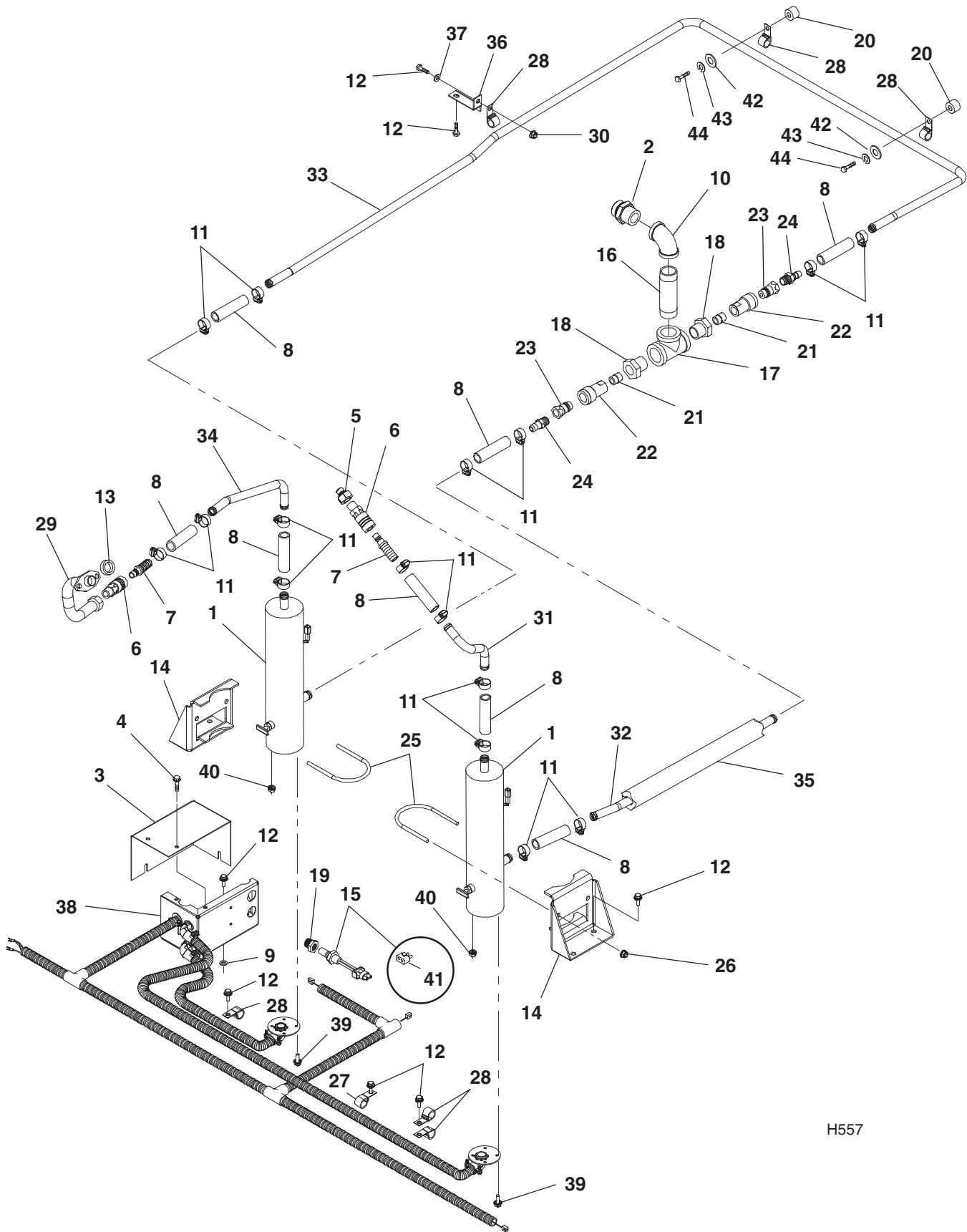


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0486	1	Sender, Low Coolant Level
2	338-3832	1	Harness, Wiring – Low Coolant Level Sender (4 Wire, 169") (Includes Parts Marked *)
3	323-1765	1	* Connector, Housing – 4 Place (Station 20)
4	323-1708	4	* Seal, Cable (Used With Station 20)
5	323-1549	1	* Connector, Receptacle – 4 Place (Inline G)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	323-1547	1	* Wedge, Receptacle (Used With Inline G)
7	323-1491	4	* Pin, Contact (Used With Inline G)
8	323-1709	4	* Socket, Contact (Used With Station 20)

* – Parts Included In 338-3832 Wiring Harness

Coolant Heater

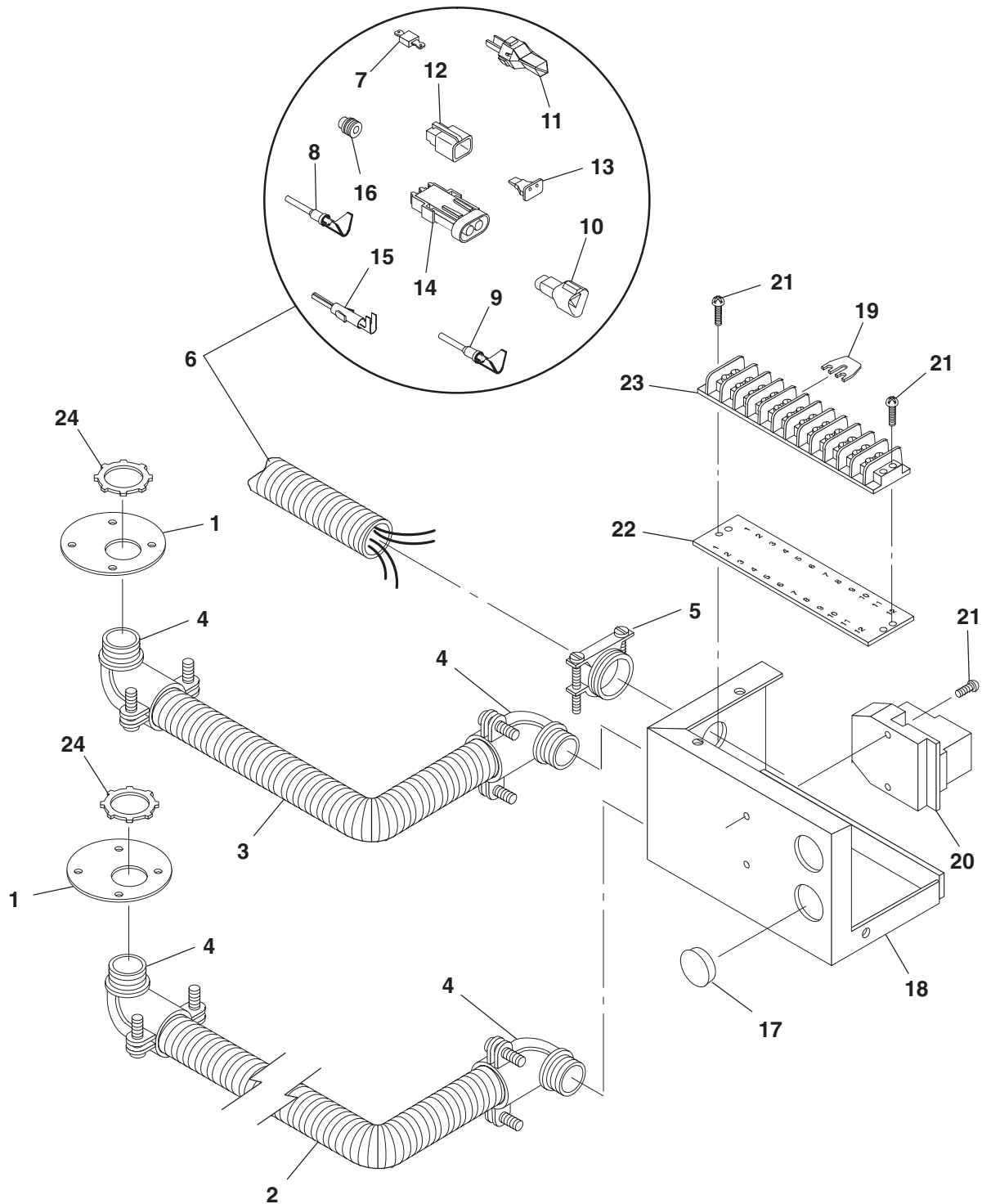


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Coolant Heater

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater, Coolant	21	505-0100	2	Nipple, Pipe (1/2" x 1-1/8")
	333-0634-01	2	4990 Watt	22	502-1260	2	Coupler, Brass (1/2")
	333-0634-02	2	6420 Watt	23	502-1261	2	Nipple, Brass (1/2")
2	502-1325	1	Adapter, Pipe (M42 x 1-1/4")	24	502-0827	2	Fitting, Hose – Barbed (1/2" ID Pipe to 3/4" ID Hose)
3	319-2815	1	Cover, Terminal Box	25	155-3021	2	Clamp, Mounting
4	821-5002-03	4	Screw, Self-Locking – Hex Washer Head (1/4-20 x 1/2")	26	870-0550-09	4	Nut, Hex – Flange (3/8-16)
5	502-1315	1	Adapter, Brass (Includes "O" Ring) (1/2" Female to M18 Male)	27	518-0548-24	2	Clamp, Hose
6	502-1259	2	Coupler (1/2" Male)	28	332-2634	6	Clamp, "J"
7	502-1257	2	Connector, Hose – Barbed (Fits 3/4" ID Hose)	29	130-5089-02	1	Tube, Heater
8	503-1634-01	8	Hose, Rubber (3/4" ID x 4")	30	870-2065-03	1	Nut, Hex – Flange (M8)
9	526-0128	2	Washer, Flat (15/32" ID x 1-1/2" OD x 1/4" Thk)	31	130-5079-02	1	Tube, Heater
10	505-0042	1	Elbow, Pipe (1-1/4")	32	130-5078-02	1	Tube, Heater
11	503-1136	16	Clamp, Hose	33	130-5077-02	1	Tube, Heater
12	821-6003-02	12	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)	34	130-5080-02	1	Tube, Heater
13	509-0283-01	1	Seal	35	128-0108	–	Insulation, Hose – Bulk (Order By The Foot – 12 Feet Required)
14	130-4546	2	Bracket, Mounting – Coolant Heater	36	130-4538	1	Bracket, Support
15	309-0649	1	Thermostat (Opens at 110 Deg F, Closes at 130 Deg F) (Includes Connector Socket) (S11)	37	526-2100	1	Washer, Flat (M8)
16	505-0157	1	Nipple, Pipe (1-1/4" x 5")	38	–	1	Control Assembly, Coolant Heater (See Separate Page For Components)
17	505-0249	1	Tee, Pipe (1-1/4")	39	815-0539	6	Screw, Machine – Round Head – Cross Recessed W/IT (#8-32 x 5/8")
18	505-0127	2	Bushing, Pipe – Reducer (1-1/4" to 1/2")	40	870-0131	6	Nut, Hex – W/ET (#10-32)
19	502-1321	1	Adapter, Brass	41	323-1637	1	Socket, Connector (2 Place)
20	130-3660-03	2	Spacer (1/2" ID x 1-1/4" OD x 3/4" Thk)	42	526-2100	2	Washer, Flat (M8)
				43	850-2008	2	Washer, Lock – Spring (M8)
				44	800-2060	2	Screw, Cap – Hex Head (M8 x 35mm)

Coolant Heater Control

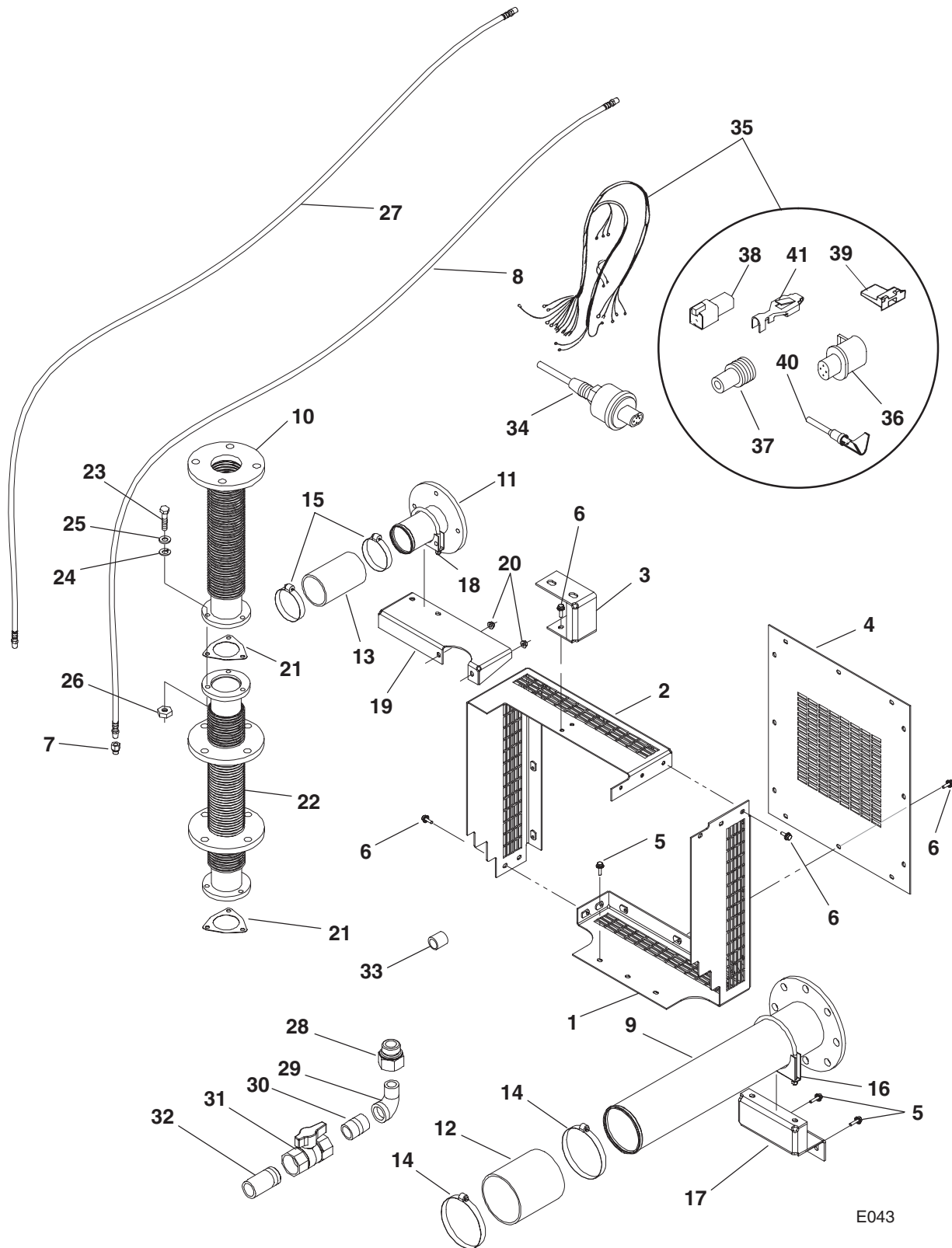


Coolant Heater Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4552	2	Cover, Coolant Heater	10	323-1494	1	* Connector, Receptacle (3 Pin) (Inline F)
2	338-3335-09	1	Harness, Wiring – AC – Coolant Heater (From Coolant Heater Bottom To Coolant Heater Control Box) (Includes Conduit Connectors) (108")	11	323-1502	1	* Wedge, Receptacle (Used With Inline F)
3	338-3335-01	1	Harness, Wiring – AC – Coolant Heater (From Coolant Heater Bottom To Coolant Heater Control Box) (Includes Conduit Connectors) (30")	12	323-1504	2	* Connector, Plug (2 Pin) (Stations 18,19)
4	331-0554	4	Connector, Conduit – 90 Deg (3/4")	13	323-1500	2	* Wedge, Plug (Used With Stations 18,19)
5	331-0042	1	Connector, Wiring – DC – Romex (3/4")	14	323-1652	1	* Connector, Plug – 2-Way (2 Pin) (Station 17)
6	338-3831	1	Harness, Wiring – DC – Engine Heater (From Coolant Heater Control Box To Engine And Main Engine Harness) (Includes Parts Marked *)	15	323-1718	2	* Pin, Contact (Used In Station 17)
7	357-0030	1	* Rectifier (6 Amp) (Located At K11 End Of Harness) (CR11)	16	323-1445	2	* Seal, Cable (Used With Station 17)
8	323-1491	3	* Pin, Contact (Used In Station Inline F)	17	517-0138-02	2	Plug, Hole (Fits 1-1/8" Hole)
9	323-1492	4	* Socket, Contact (Used In Stations 18, 19)	18	319-2814	1	Box, Terminal
				19	332-3440	2	Jumper, Terminal
				20	307-2859	1	Relay, Power – 24VDC (K11)
				21	815-0447	4	Screw, Machine – Round Head – Cross Recessed W/IT – Thread Forming (#8-32 x 3/4")
				22	332-1469	1	Strip, Marker
				23	332-1468	1	Block, Terminal – 12 Place (TB1)
				24	331-0555	4	Nut, Connector Lock (3/4-14)

* – Parts Included In 338-3831 DC Engine Heater Wiring Harness

Remote Radiator



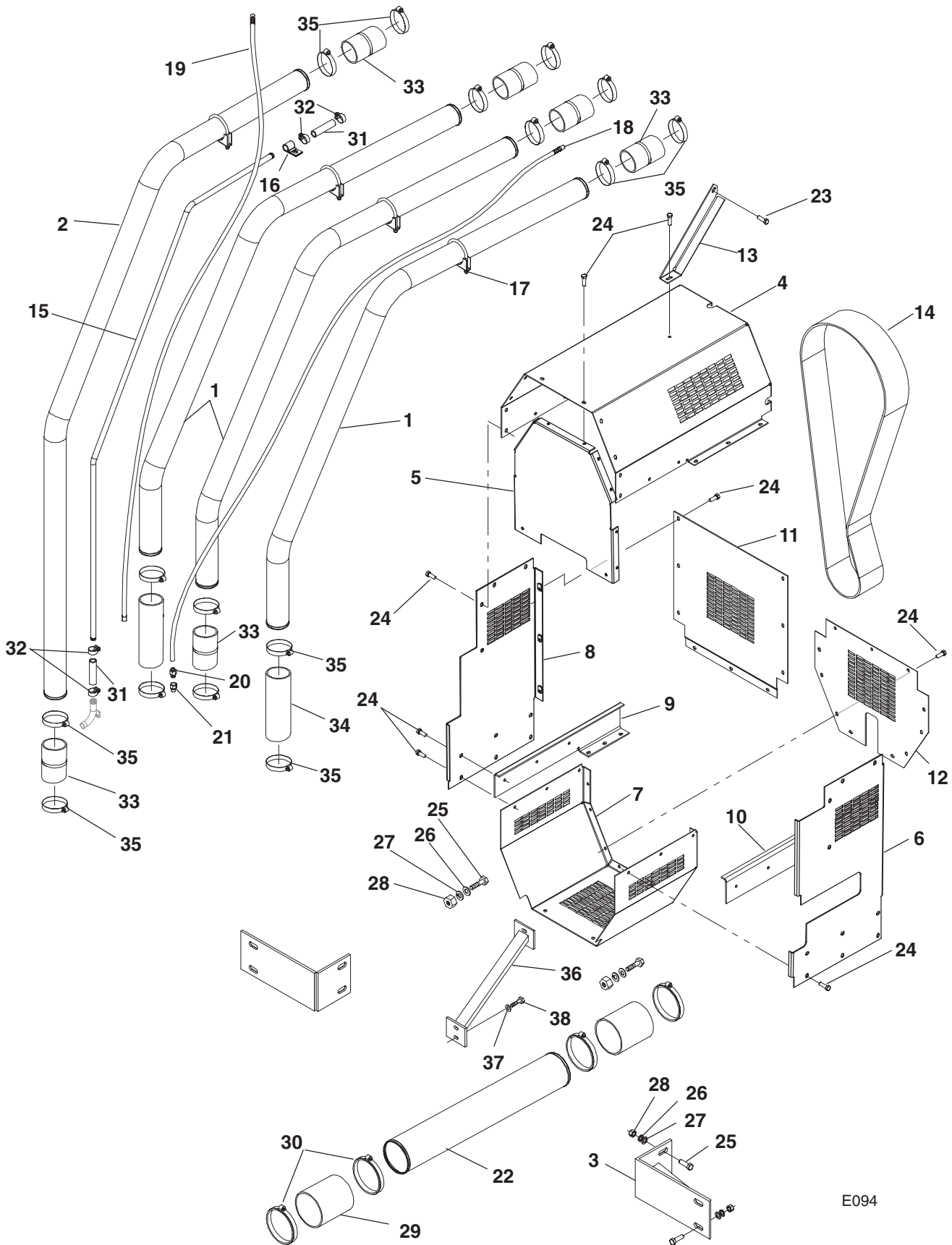
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Remote Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-5069-02	1	Guard, Damper (Left Side)	28	502-1326	1	Adapter, Pipe (M33 x 3/4")
2	130-5071-02	1	Guard, Damper (Right Side)	29	505-0051	1	Elbow, Pipe – Street – 90 Deg (3/4")
3	130-5145-02	1	Bracket, Guard	30	505-0012	1	Nipple, Pipe (3/4" x 1-3/8")
4	130-5070-02	1	Cover, Damper	31	504-0171	1	Valve, Shutoff (3/4")
5	821-6003-03	5	Screw, Self-Locking – Hex Washer Head (M8 x 25mm)	32	505-0324	1	Nipple, Pipe – Half (3/4")
6	821-6003-02	19	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)	33	370-4081	8	Spacer (1/2" x 1/2") Used With Crankshaft Pulley Mounting Bolts
7	502-1318	1	Adapter, Pipe – Brass (M14 x 1/4" Pipe)	34	193-0486	1	Sender, Low Coolant Level
8	503-2129-04	1	Line, Vent – Flexible – With Two Male Pipe Swivel Fittings (1/4" ID x 94-1/2") Left Side	35	338-3832	1	Harness, Wiring – Low Coolant Level Sender (4 Wire, 169") (Includes Parts Marked *)
9	130-4517	1	Tube, Water Inlet (26" Long)	36	323-1765	1	* Connector, Housing – 4 Place (Station 20)
10	130-3687	3	Tube, Water Outlet – Flexible	37	323-1708	4	* Seal, Cable (Used With Station 20)
11	130-5081-02	1	Tube, Water Inlet (5" Long)	38	323-1549	1	* Connector, Receptacle – 4 Place (Inline G)
12	503-1726	1	Hose (5" ID x 6")	39	323-1547	1	* Wedge, Receptacle (Used With Inline G)
13	503-1728	1	Hose (3" ID x 5-1/2")	40	323-1491	4	* Pin, Contact (Used With Inline G)
14	503-1872-09	2	Clamp, Hose (5" ID)	41	323-1709	4	* Socket, Contact (Used With Station 20)
15	503-1872-05	2	Clamp, Hose (3" ID)				
16	155-3290	1	Clamp, Tube (5" ID)				
17	130-5144-02	1	Bracket, Tube				
18	155-3289	1	Clamp, Tube (3" ID)				
19	130-5082-02	1	Bracket, Mounting				
20	870-2065-03	2	Nut, Hex (M8)				
21	130-3684	6	Gasket				
22	130-5084-02	3	Tube, Water Outlet – Flexible				
23	800-3017-41	9	Screw, Cap – Hex Head (M10 x 45mm)				
24	526-0399-62	9	Washer, Flat (M10)				
25	850-0114-55	9	Washer, Lock – Spring (M10)				
26	862-0026-56	9	Nut, Hex (M10)				
27	503-2129-05	1	Line, Vent – Flexible – With One Male Pipe Swivel and One Female Pipe Swivel With O-Ring Face Seal (1/4" ID x 94-1/2") Right Side				

* – Parts Included In 338-3832 Wiring Harness

Radiator Tubes

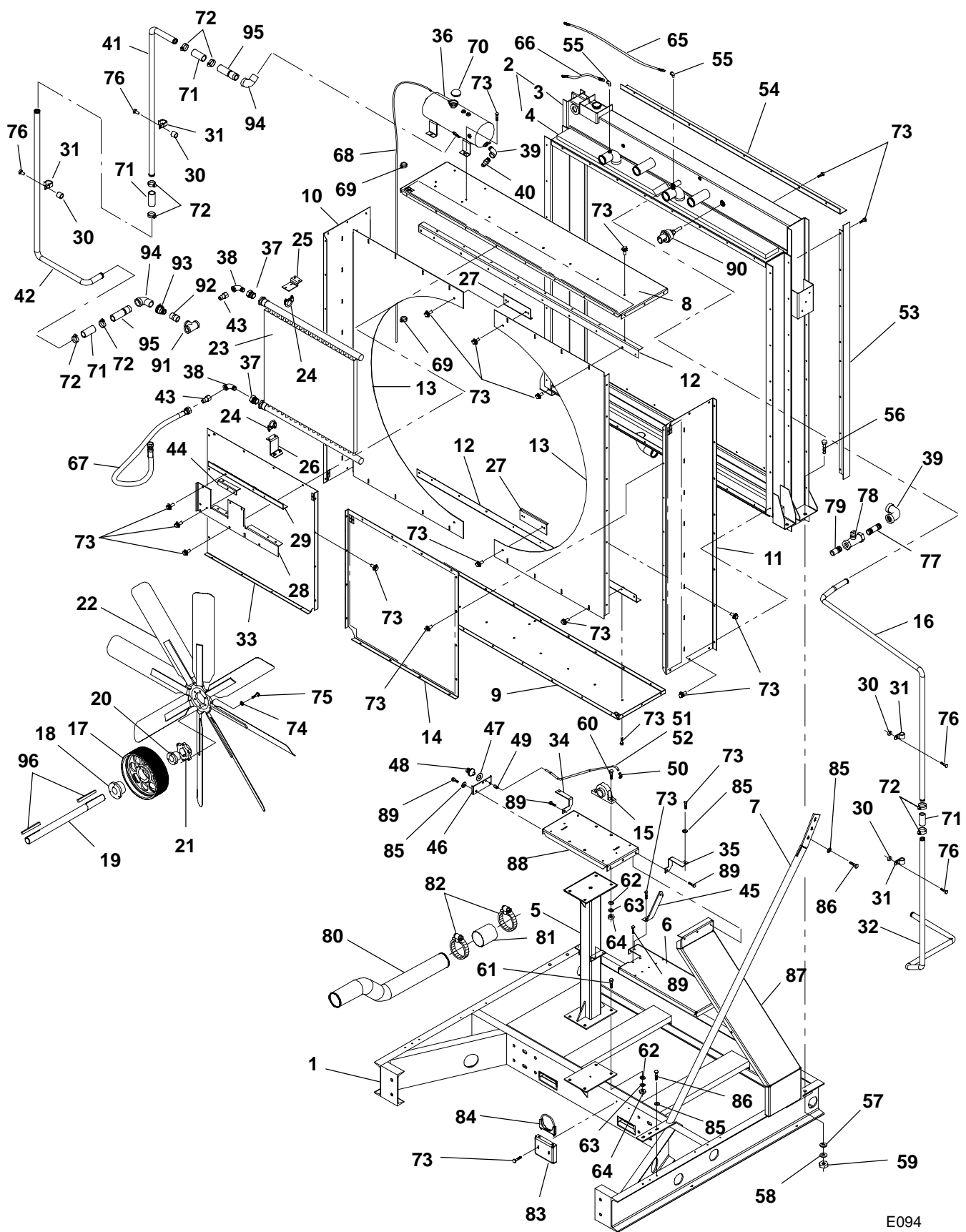


E094

Radiator Tubes

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4908-02	3	Tube, Radiator	21	502-1318	1	Adapter, Pipe (M14 x 1/4" Pipe)
2	130-4914-02	1	Tube, Radiator	22	130-5067-02	1	Tube, Radiator – Lower
3	130-4919-02	2	Brace, Skid	23	821-6003-03	1	Screw, Self-Locking – Hex Washer Head (M8 x 25mm)
4	130-4921-02	1	Guard, Fan Drive – Upper	24	821-6003-02	56	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
5	130-4934-02	1	Guard, Fan Drive – Rear	25	720-1146	16	Screw, Cap – Hex Head (M20 x 60mm)
6	130-4936-02	1	Guard, Fan Drive – Left Side	26	526-2203	16	Washer, Flat (M20)
7	130-4937-02	1	Guard, Fan Drive – Bottom	27	850-2020	16	Washer, Lock – Spring (M20)
8	130-4935-02	1	Guard, Fan Drive – Right Side	28	860-2013	16	Nut, Hex (M20)
9	130-4946-02	1	Bracket, Guard – Right Side	29	503-1726	2	Hose, Radiator (5" ID x 6")
10	130-4947-02	1	Bracket, Guard – Left Side	30	503-1872-09	4	Clamp, Hose
11	130-4950-02	1	Guard, Fan Drive – Front – Upper	31	503-1634-01	2	Hose, Rubber (3/4" ID x 4")
12	130-4951-02	1	Guard, Fan Drive – Front – Lower	32	503-1136	4	Clamp, Hose
13	130-4966-02	1	Bracket, Shroud Guard – Upper	33	503-1728	6	Hose, Radiator (3" ID x 5-1/2")
14	511-0161-17	1	Belt, V Ribbed	34	503-1727	2	Hose, Radiator (3" ID x 10")
15	130-5045-02	1	Tube, Fill	35	503-1872-05	16	Clamp, Hose
16	518-0548-19	1	Clamp, Retainer (3/4" ID)	36	130-5085-02	1	Bracket, Post
17	155-3289	4	Clamp, Tube (3" ID)	37	526-0399-62	4	Washer, Flat (M10)
18	503-2129-03	1	Line, Radiator Vent (1/4" ID x 101")	38	800-3017-38	4	Screw, Cap – Hex Head (M10 x 30mm)
19	503-2129-05	1	Line, Radiator Vent (1/4" ID x 94-1/2")				
20	309-0635-02	1	Valve, Check (1/4" Pipe to 3/8" Pipe)				

Radiator

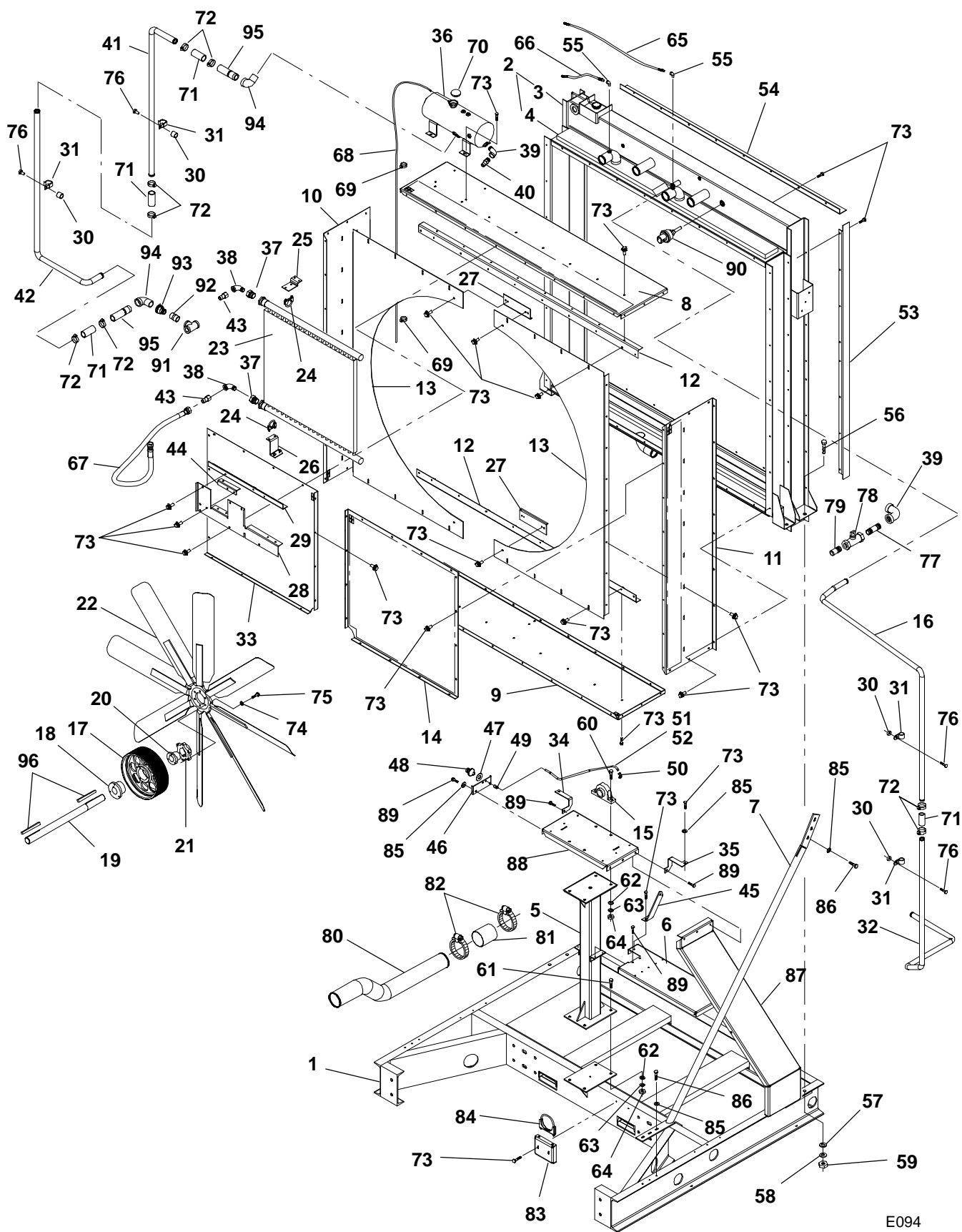


E094

Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4896-02	1	Skid, Radiator	40	502-0836	1	Fitting, Brass – Hose – Barbed (3/4" Pipe to 3/4" Hose)
2	130-4885	1	Radiator (Includes Jacketwater, Aftercooler, Cap, Overflow Hose and Sight Gauge Service Parts)	41	130-5119-02	1	Tube, Fill – Upper
	130-3588	1	Radiator Cap (Not Illustrated)	42	130-5118-02	1	Tube, Fill – Lower
	503-1418	–	Overflow Hose – Bulk (1/4") (Order By The Foot – 11 Feet Required) (Not Illustrated)	43	502-0656	2	Adapter, Male (1–5/16–12 Tubing to 1" Pipe)
	130-4362	1	Sight Gauge Service Parts (Includes Glass Bulb and "O" Ring) (Not Illustrated)	44	130-4976-02	1	Bracket, Clamp
3	–	1	Jacketwater (See Separate Page For Components)	45	130-4967-02	1	Bracket, Shroud Guard – Lower
4	–	1	Aftercooler (See Separate Page For Components)	46	130-5061-02	1	Bracket, Lube
5	130-5037-02	1	Post, Fan Drive	47	526-0346	2	Washer, Flat (3/8")
6	130-5036-02	2	Tray, Fan Drive – Lower	48	518-0064	2	Fitting, Grease
7	130-4897-02	2	Support, Radiator	49	505-1435	2	Connector, Pipe – Female (1/8")
8	130-4900-02	1	Shroud, Fan – Top	50	505-1436	2	Connector, Pipe – Elbow (1/8")
9	130-4900-04	1	Shroud, Fan – Bottom	51	503-1745	–	Hose – Bulk – Front Grease Fitting (Order By The Foot – 2 Feet Required)
10	130-4901-04	1	Wrapper, Fan Shroud – Right Side	52	503-1745	–	Hose – Bulk – Rear Grease Fitting (Order By The Foot – 2 Feet Required)
11	130-4901-02	1	Wrapper, Fan Shroud – Left Side	53	130-4938-02	2	Adapter, Duct – Sides
12	130-4902-02	2	Bracket, Fan Shroud	54	130-4939-02	2	Adapter, Duct – Top and Bottom
13	130-4903-02	2	Shroud, Fan Face	55	505-0011	5	Elbow, Pipe – Street – 90 Deg (1/4")
14	130-4904-02	2	Guard, Shroud	56	800-2206	4	Screw, Cap – Hex Head (M20 x 60mm)
15	510-0194	2	Bearing, Pillow Block	57	526-2203	4	Washer, Flat (M20)
16	130-4910-02	1	Tube, Fill – Upper	58	850-2020	4	Washer, Lock – Spring (M20)
17	130-4888-02	1	Pulley, Fan	59	860-2013	4	Nut, Hex (M20)
18	130-3652	1	Bushing, Pulley (Includes Mounting Hardware)	60	800-2177	4	Screw, Cap – Hex Head (M16 x 60mm)
19	130-4920	1	Shaft, Fan Drive	61	800-2174	4	Screw, Cap – Hex Head (M16 x 45mm)
20	512-0203	1	Bushing, Fan	62	526-2183	8	Washer, Flat (M16)
21	130-4999	1	Hub, Fan	63	850-2016	8	Washer, Lock – Spring (M16)
22	130-4940	1	Fan (8 Blade)	64	860-2012	8	Nut, Hex (M16)
23	130-5064	1	Cooler, Fuel	65	503-2129-02	1	Line, Radiator Vent (1/4" ID x 40")
24	155-3288	4	Clamp (2" ID)	66	503-2129-01	1	Line, Radiator Vent (1/4" ID x 15")
25	130-4952-02	2	Bracket, Fuel Cooler – Upper	67	501-0678-01	1	Line, Fuel – Flexible (7/8" ID x 89")
26	130-4953-02	2	Bracket, Fuel Cooler – Lower	68	503-1418	–	Hose, Rubber – Bulk (1/4" ID) (Order By The Foot – 11 Feet Required)
27	130-4955-02	2	Support, Shroud	69	518-0548-25	2	Clamp, Hose (3/8" ID)
28	130-4974-02	1	Bracket, Clamp	70	130-0449	1	Cap, Expansion Tank
29	130-4975-02	1	Bracket, Clamp	71	503-1863	6	Hose, Radiator (1–1/2" ID x 4")
30	130-3660	4	Spacer (1/2" ID x 1–1/4" OD x 3/8" Thk)	72	503-1872-02	12	Clamp, Hose
31	518-0633	4	Clip, "J" (1–1/2" ID)	Continued...			
32	130-5032-02	1	Tube, Fill – Lower				
33	130-5033-02	2	Guard, Shroud				
34	130-5046-02	1	Stiffener, Guard – Right Side				
35	130-5047-02	1	Stiffener, Guard – Left Side				
36	130-5062-02	1	Tank, Expansion				
37	505-0394	2	Bushing, Pipe – Reducer (2" to 1")				
38	505-0003	2	Elbow, Pipe – Street (1")				
39	505-0051	3	Elbow, Pipe – 90 Deg (3/4")				

Radiator

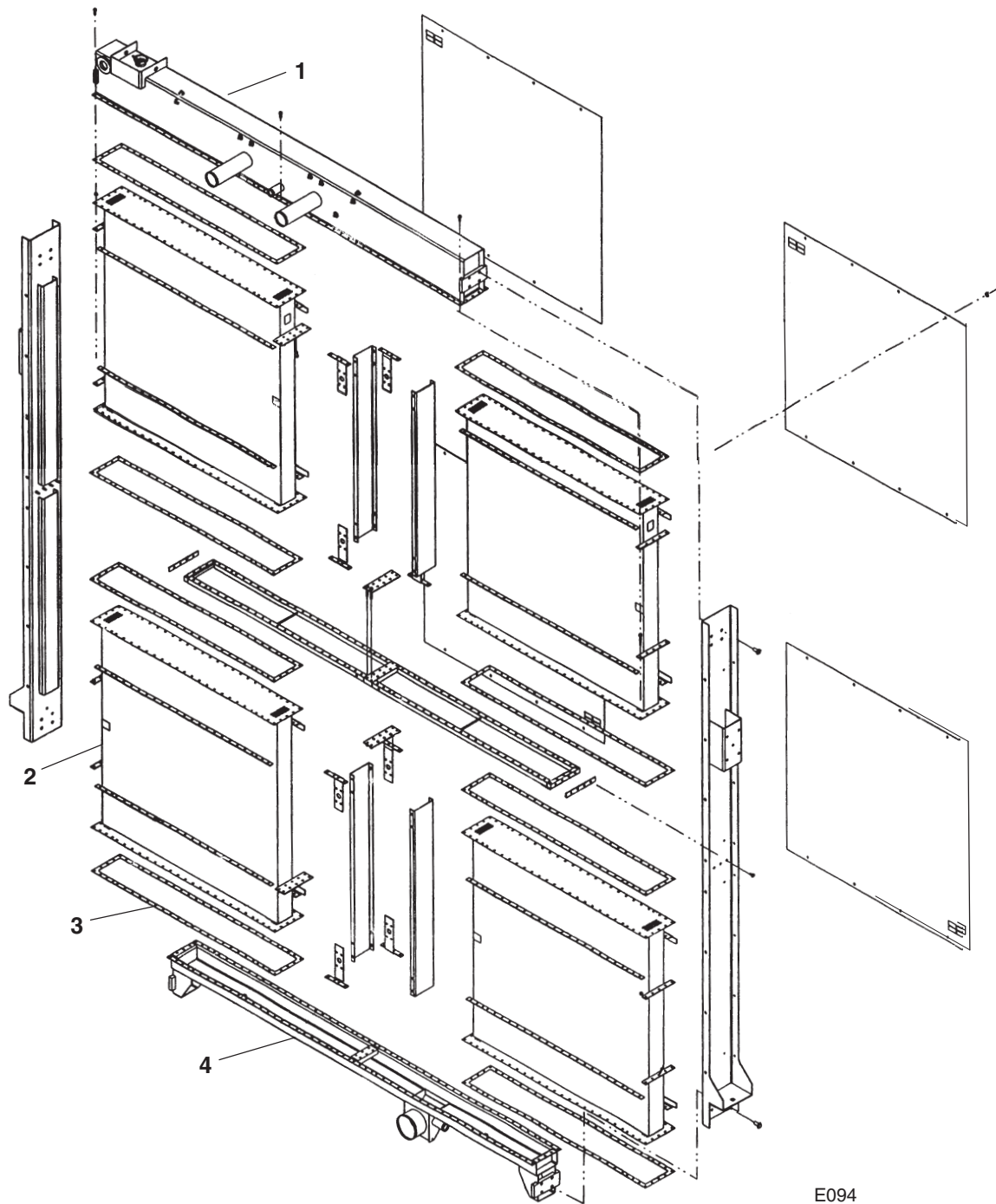


E094

Radiator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...							
73	821-6003-02	175	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)	86	800-3017-38	12	Screw, Cap – Hex Head (M10 x 30mm)
74	526-0219	6	Washer, Flat (1/2")	87	130-5034-02	2	Mount, Fan Drive – Side
75	800-0094	6	Screw, Cap – Hex Head (1/2-13 x 2")	88	130-5035-02	1	Tray, Fan Drive – Upper
76	821-6003-03	5	Screw, Self-Locking – Hex Washer Head (M8 x 25mm)	89	800-3017-37	20	Screw, Cap – Hex Head (M10 x 25mm)
77	505-0012	3	Nipple, Pipe (3/4" x 1-3/8")	90	193-0486	1	Sender, Low Coolant Level
78	504-0171	2	Valve, Shutoff (3/4")	91	505-0060	1	Tee, Pipe (3/8")
79	505-0324	2	Nipple, Pipe – Half (3/4")	92	505-0102	1	Nipple, Pipe – Close (3/4")
80	130-4907-02	1	Tube, Lower Radiator	93	505-1561	1	Coupling, Pipe – Reducer (1-1/2" to 3/4")
81	503-1726	1	Hose, Radiator (5" ID x 6")	94	505-0462	2	Elbow, Pipe – Street – 90 Deg (1-1/2")
82	503-1872-09	2	Clamp, Hose	95	505-1429	2	Nipple, Pipe – Combination (1-1/2" Pipe to 1-1/2" Hose)
83	130-5066-02	1	Bracket, Radiator Tube	96	515-0220	2	Key (1/2" x 1/2")
84	155-3290	1	Clamp, Tube (5" ID)				
85	526-0399-62	32	Washer, Flat (M10)				

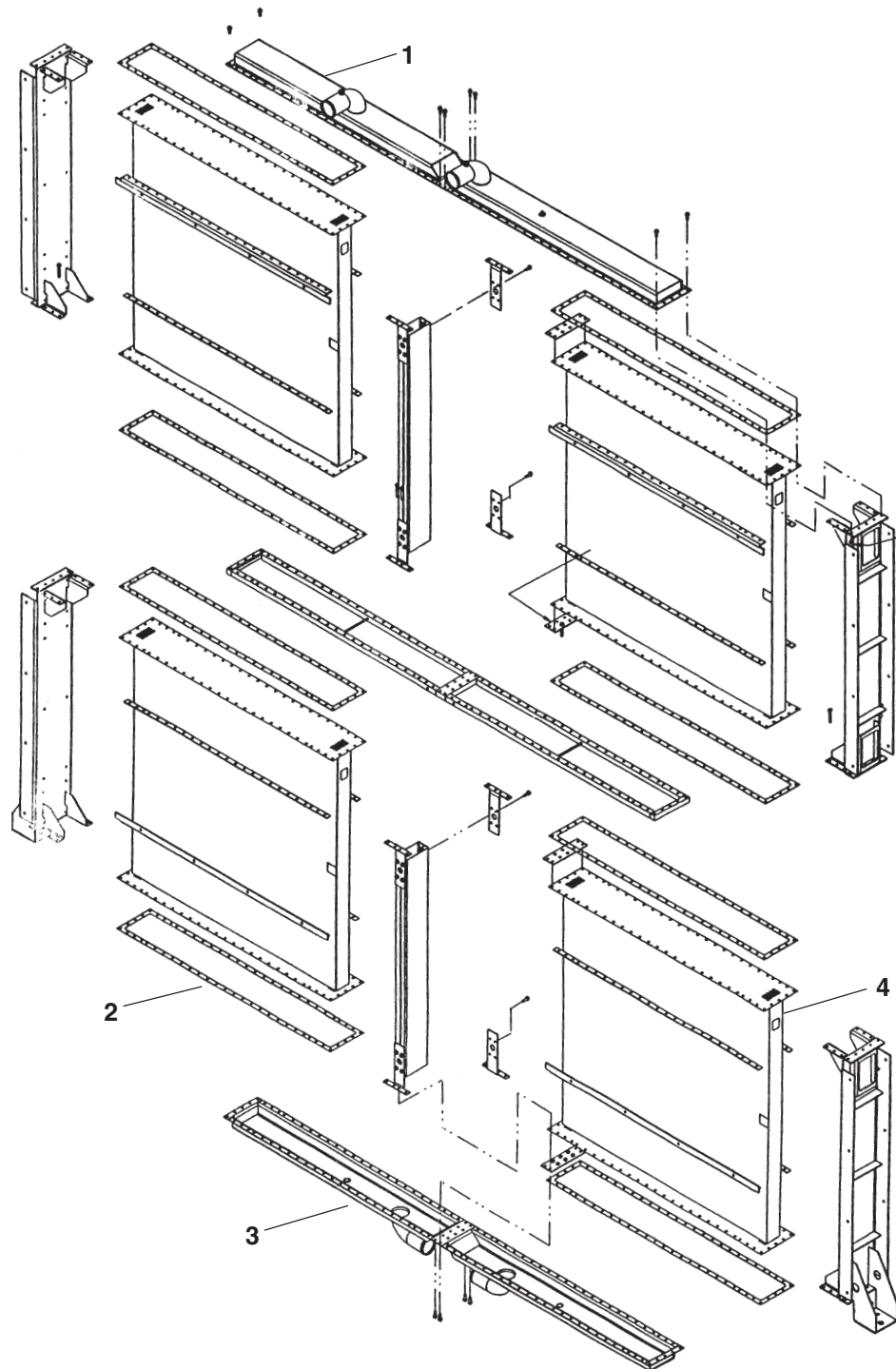
Jacketwater



E094

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-5101	1	Jacketwater – Complete (Includes Replaceable Parts Listed Below)	2	130-5096	4	Core
1	130-5097	1	Tank, Top	3	130-5099	8	Gasket
				4	130-5098	1	Tank, Bottom

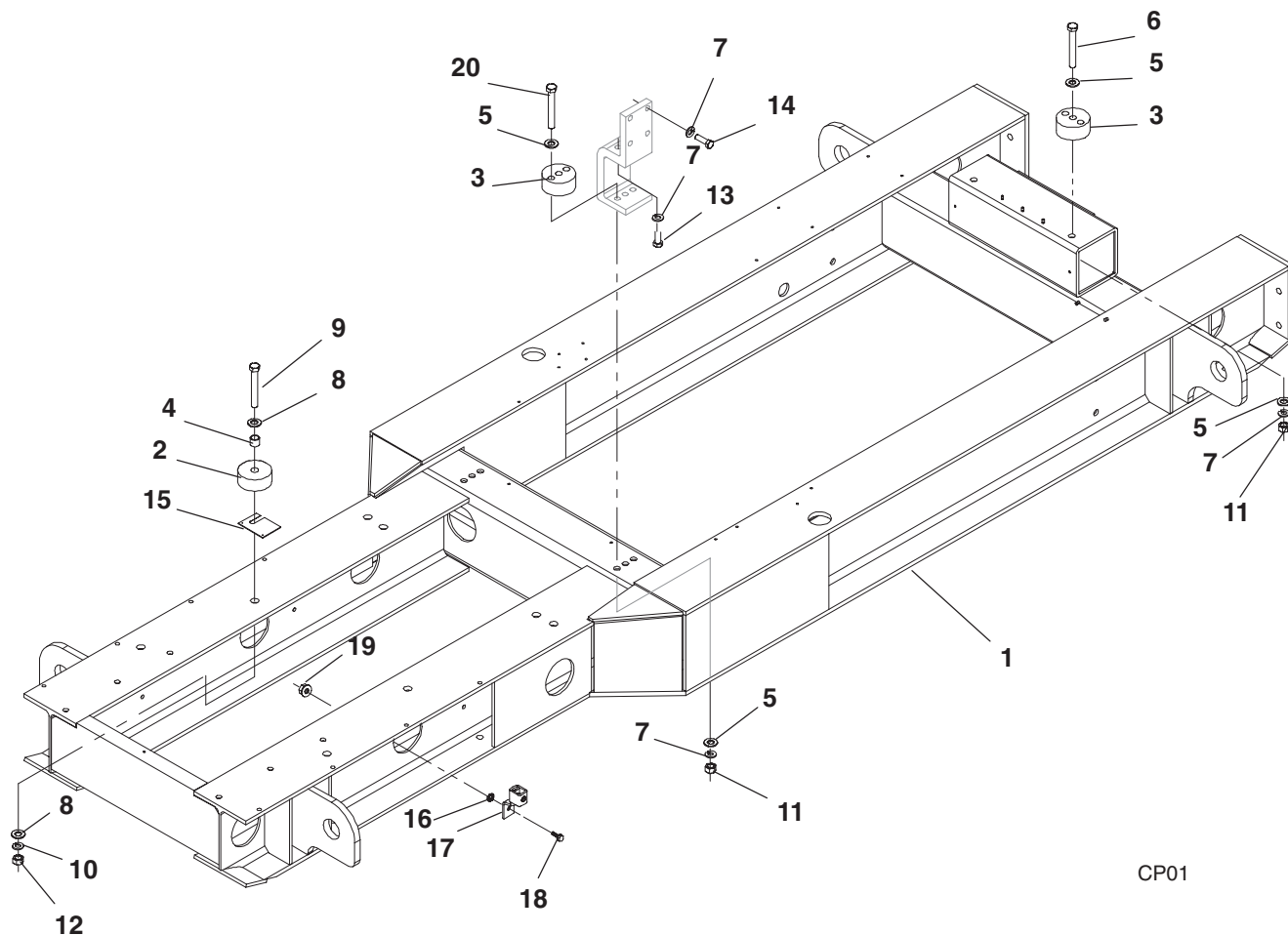
Aftercooler



E094

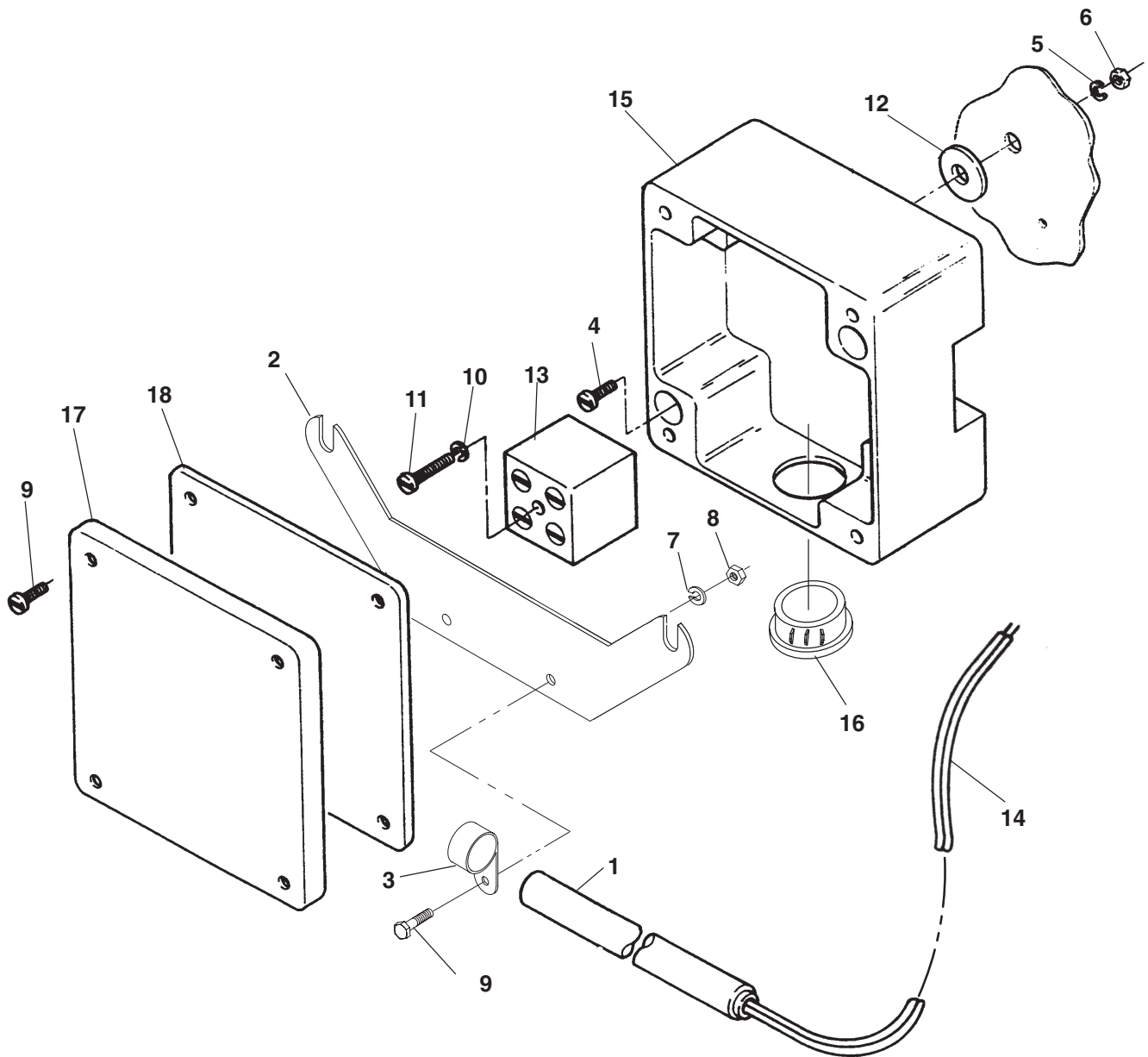
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	130-5102	1	Aftercooler – Complete (Includes Replaceable Parts Listed Below)	2	130-5099	8	Gasket
1	130-5104	1	Tank, Top	3	130-5103	1	Tank, Bottom
				4	130-5105	4	Core

Skid



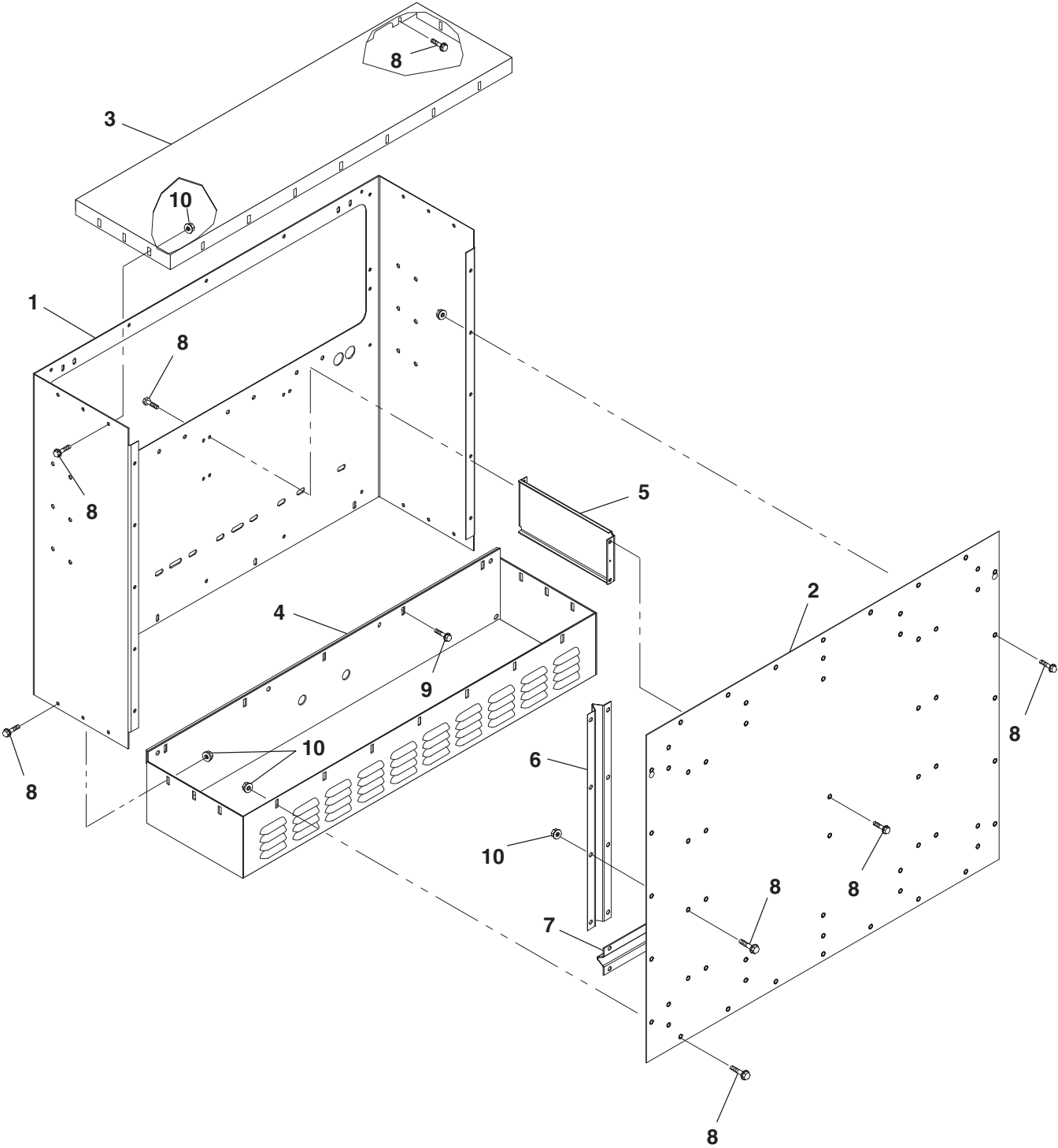
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4351-02	1	Skid	10	850-2024	4	Washer, Lock – Spring (M24)
2	232-4061	4	Spacer, Generator Mounting (1-1/16" ID x 5" OD x 2-1/8" Thk)	11	860-2023-01	6	Nut, Hex (M20)
3	403-4332	4	Spacer, Engine Mounting (1" ID x 5" OD x 2-9/32" Thk)	12	860-2024-01	4	Nut, Hex (M24)
4			Bushing	13	800-2208	4	Screw, Cap – Hex Head (M20 x 70mm)
	403-4303-01	4	Frame 7 Generators (1-1/16" ID x 1-5/16" OD x 1-3/16" Long)	14	800-2206	8	Screw, Cap – Hex Head (M20 x 60mm)
	403-4303-02	4	Frame 8 Generators (1-1/16" ID x 1-19/32" OD x 1-3/8" Long)	15			Shim, Generator Mounting (Quantity Used As Required)
5	526-0399-76	12	Washer, Flat (M20)		232-3710-01	1	1/64" Thk
6	800-3047-02	2	Screw, Cap – Hex Head (M20 x 160mm)		232-3710-02	1	5/64" Thk
7	850-2020	18	Washer, Lock – Spring (M20)		232-3710-03	1	7/64" Thk
8	526-0399-78	8	Washer, Flat (M24)	16	856-0010	1	Washer, Lock – W/EIT (3/8")
9	800-3048-02	4	Screw, Cap – Hex Head (M24 x 160mm)	17	332-2001	1	Lug, Solderless
				18	800-0051	1	Screw, Cap – Hex Head (3/8-16 x 1-1/4")
				19	870-0550-09	1	Nut, Hex (3/8-16)
				20	800-3047-03	4	Screw, Cap – Hex Head (M20 x 130mm)

Generator Heater



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	333-0438-05	1	Cartridge, Heater (300 Watt)	10	850-2003	1	Washer, Lock – Spring (M3)
	333-0438-06	1	120 Volt	11	822-3047	1	Screw, Machine – Pan Head (M3 x 20mm)
2	232-3849	1	240 Volt	12	508-0228	1	Grommet
3	332-3024-14	2	Bracket, Mounting – Heater	13	332-3023	1	Block, Terminal
4	822-3075	6	Clamp, Loop	14	898-1254-25	1	Sleeving – Heater Leads (59")
5	850-2004	2	Screw, Machine – Slotted Pan Head (M4 x 16mm)	15	330-0142	1	Box, Terminal
6	860-2005	2	Washer, Lock – Spring (M4)	16	517-0021	1	Plug, Dot Button
7	850-2005	2	Nut, Hex (M4)	17	330-0141-03	1	Cover, Box
8	860-2006	2	Washer, Lock – Spring (M5)	18	330-0141-04	1	Gasket, Cover
9	800-2008	2	Nut, Hex (M5)				
			Screw, Cap – Hex Head (M5 x 16mm)				

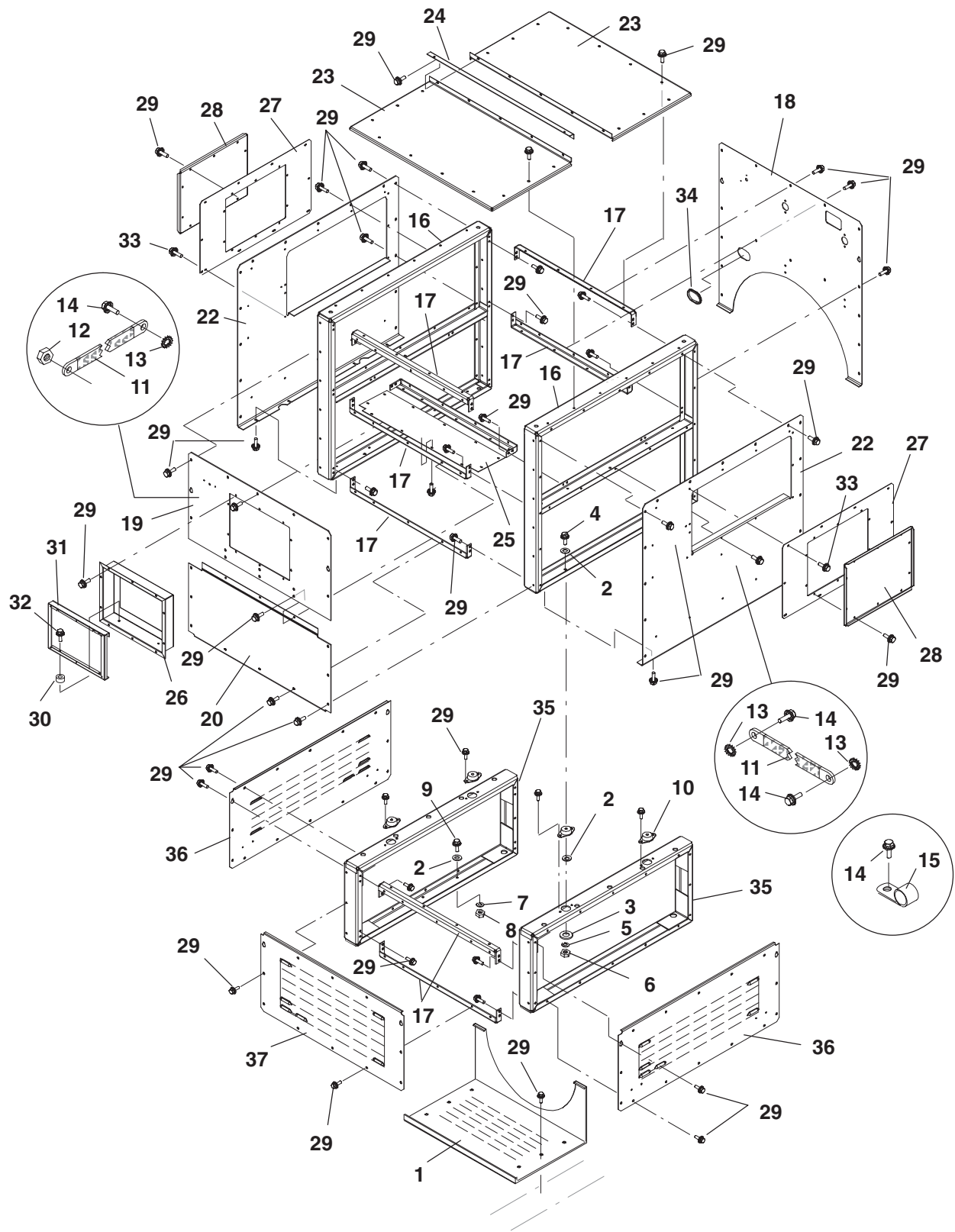
Entrance Box



Entrance Box

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3184	1	Box, Entrance	7	319-3288	2	Brace, Cover (Horizontal)
2	319-3265	1	Cover, Entrance Box	8	821-6002-03	89	Screw, Hex Head (M6 x 16mm)
3	319-1961	1	Cover, Entrance Box – Top	9	821-2035	5	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)
4	319-1925	1	Cover, Entrance Box – Bottom				
5	319-3264	1	Brace, Cover	10	870-0504	26	Nut, Retaining (M6)
6	319-3286	2	Brace, Cover (Vertical)				

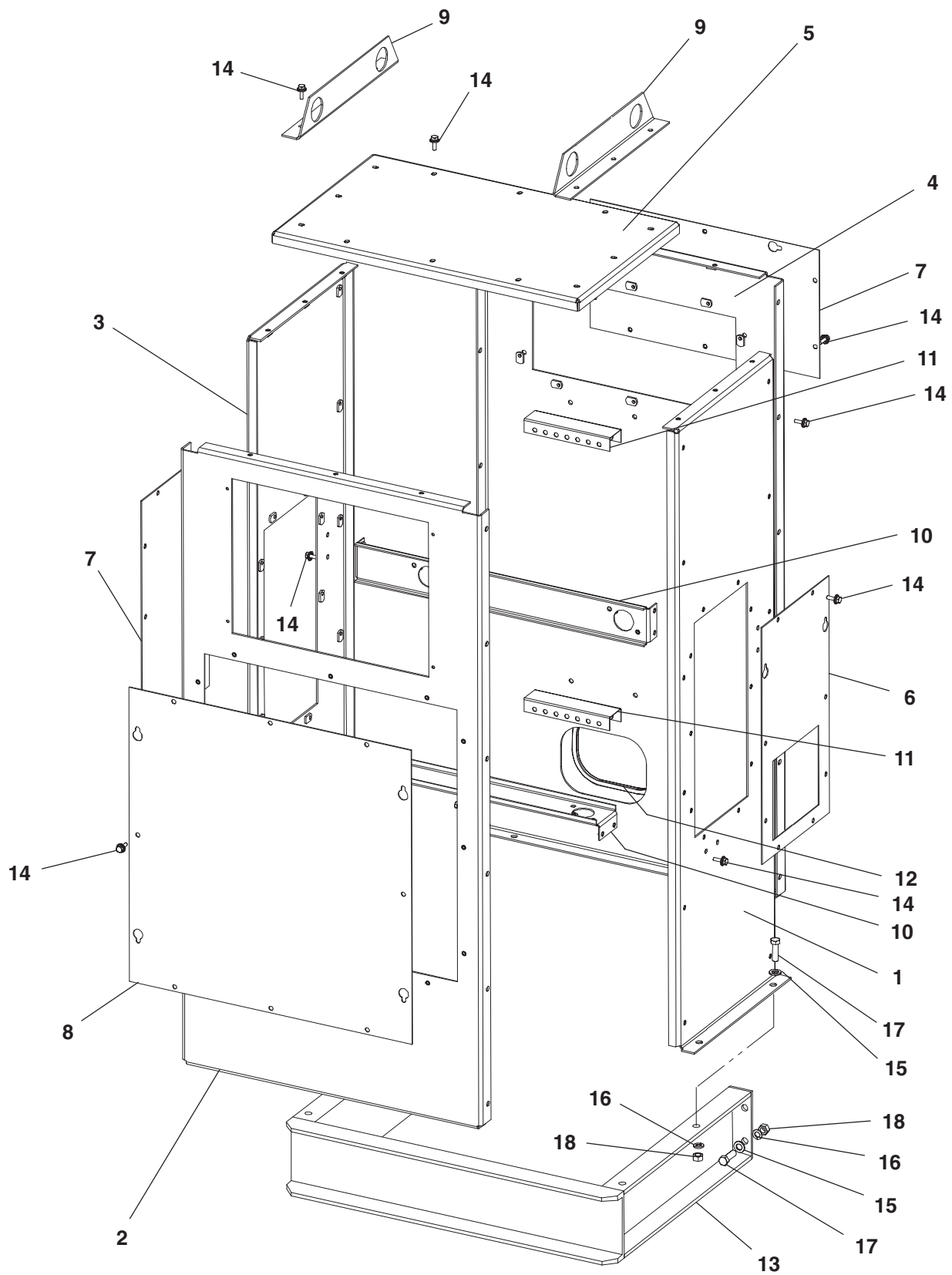
Control Housing Frame 7 Generators



Control Housing Frame 7 Generators

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4126-02	1	Panel, Bottom	20	319-4138-02	1	Panel, Rear – Center
2	526-0399-64	24	Washer, Flat (M12)	21	319-3999-02	1	Panel, Side – Upper – Right Side
3	526-0172	4	Washer, Flat (1/2")	22	319-4000-02	1	Panel, Side – Upper – Left Side
4	800-2121	4	Screw, Cap – Hex Head (M12 x 75mm)	23	319-4001-02	2	Panel, Top
5	850-2012	4	Washer, Lock – Spring (M12)	24	319-4002-02	1	Rail, Drip
6	860-2010	4	Nut, Hex (M12)	25	319-4007-02	1	Panel, Inner
7	850-0114-56	8	Washer, Lock – Spring (M12)	26	319-3672-02	1	Panel, Control Mounting
8	862-0026-57	8	Nut, Hex (M12)	27	319-4003-02	2	Cover, Housing – Breaker
9	800-3017-58	8	Screw, Cap – Hex Head (M12 x 50mm)	28	319-4004-02	2	Cover, Housing – Control
10	403-4091	4	Isolator, Vibration	29	821-6003-02	238	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
11	337-3466-01	2	Strap, Ground	30	402-0527	4	Isolator, Vibration
12	870-2203	1	Nut, Locking – Hex Flange Head (M10)	31	319-3786-02	1	Bracket, Control Mounting
13	856-0010	4	Washer, Lock – EIT (3/8")	32	800-0310-17	8	Screw, Cap – Hex Head (5/16-18 x 1/2")
14	821-6004-01	7	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)	33	821-6002-04	20	Screw, Self-Locking – Hex Washer Head (M6 x 20mm)
15	332-2634	3	Clamp, "J"	34	508-1090	1	Grommet
16	319-3995-02	2	Frame, Side – Upper	35	319-3994-02	2	Frame, Side – Lower
17	319-3996-02	8	Separator, Frame	36	319-4006-02	2	Panel, Side – Lower
18	319-3997-02	1	Panel, Front	37	319-4005-02	1	Panel, Rear – Lower
19	319-3998-02	1	Panel, Rear – Upper				

Control Housing Frame 8 Generators

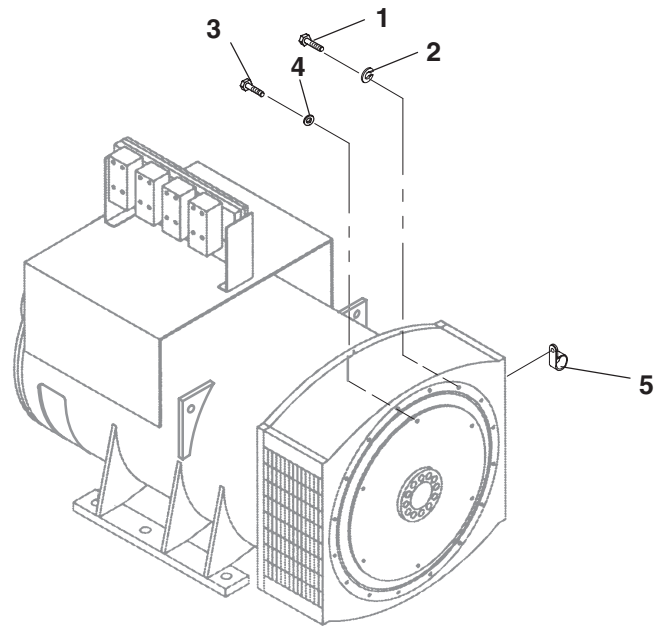


Control Housing Frame 8 Generators

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3910-02	1	Panel, Control – Left Side	13	403-4357-02	1	* Frame, Mounting – Control
2	319-3912-02	1	Panel, Control – Rear	14	821-6003-02	90	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
3	319-3911-02	1	Panel Control – Right Side	15	526-0399-64	8	* Washer, Flat (M12)
4	319-3913-02	1	Panel, Control – Front	16	850-0114-56	8	* Washer, Lock – Spring (M12)
5	319-3916-02	1	Roof	17	800-3017-56	8	* Screw, Cap – Hex Head (M12 x 40mm)
6	319-3914-02	1	Cover, Side – Left Side	18	862-0026-77	8	* Nut, Hex (M12)
7	319-3915-02	2	Cover – Right Side and Front				
8	319-3920-02	1	Cover, Rear				
9	319-3919-02	2	Support, Housing				
10	319-3917-02	2	Shelf				
11	319-3921-02	2	Guide, Wire				
12	508-1088	1	Edging (37-3/4")				

* – Not Used On All Models

Generator Mounting



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-2543-08	16	Screw, Cap – Hex Head (M12 x 55mm) Grade 10.9	4	526-0416	6	Washer, Flat (5/8")
2	850-2012	16	Washer, Lock – Spring (M12)	5	332-3196	1	Clamp, "J"
3	805-2022	6	Bolt, Place (M16 x 35mm) Grade 10.9				

Generator

Frame 7 (with two 1–1/4” thick x 32–11/16” long mounting feet) and Frame 8 (with four 1–9/16” thick x 6–1/2” long mounting feet) generator component parts cannot be ordered from Onan. Refer to the Newage nameplate and supply all available information. Contact your nearest Newage distributor for assistance in ordering component parts. For COMPLETE generator replacement use the 249–XXXX–XX Onan identification number listed below.

Onan Identification Number	Generator Model Number
249–5092–01	HC734E
249–5092–02	HC734F
249–5092–03	HC734E
249–5092–04	HC734F
249–5092–05	HC734G
249–5092–06	HC734G
249–5092–07	HC734H
249–5092–08	HC734H
249–5092–09	HC734E
249–5092–10	HC734F
249–5092–11	HC734G
249–5092–12	HC734H
249–5092–13	HC734E
249–5092–14	HC734F
249–5092–15	HC734G
249–5092–16	HC734H
249–5095–01	MV734WE
249–5095–02	MV734WF
249–5095–03	MV734WG
249–5095–04	MV734WE
249–5095–05	MV734WF
249–5095–06	MV734WG
249–5095–07	MV734WH
249–5095–08	MV734WH
249–5104–01	LVS1814C1
249–5104–02	LVS1814D1
249–5104–03	LVS1814F1
249–5104–04	LVS1814F1
Continued...	

Generator

Onan Identification Number	Generator Model Number
Continued...	
249-5104-05	LVS1814G1
249-5104-06	LVS1814H1
249-5104-07	LVS1814C1
249-5104-08	LVS1814D1
249-5104-09	LVS1814E1
249-5104-10	LVS1814F1
249-5104-11	LVS1814G1
249-5104-12	LVS1814H1
249-5104-13	MVS1814C1
249-5104-14	MVS1814D1
249-5104-15	MVS1814E1
249-5104-16	MVS1814F1
249-5104-17	MVS1814G1
249-5104-18	MVS1814H1
249-5104-19	HVS1814C1
249-5104-20	HVS1814D1
249-5104-21	HVS1814E1
249-5104-22	HVS1814F1
249-5104-23	HVS1814G1
249-5104-24	HVS1814H1
249-5104-25	LVS1814C1
249-5104-26	LVS1814D1
249-5104-27	LVS1814E1
249-5104-28	LVS1814C1
249-5104-29	LVS1814D1
249-5104-30	LVS1814E1
249-5104-31	HVS1814C1
249-5104-32	HVS1814D1
249-5104-33	HVS1814E1
Continued...	

Generator

Onan Identification Number	Generator Model Number
Continued...	
249-5104-34	HVS1814C1
249-5104-35	HVS1814D1
249-5104-36	HVS1814E1
249-5104-37	HVS1814C1
249-5104-38	HVS1814D1
249-5104-39	HVS1814E1
249-5104-40	LVS1814C1
249-5104-41	LVS1814D1
249-5104-42	LVS1814E1
249-5104-43	LVS1814C1
249-5104-44	LVS1814D1
249-5104-45	LVS1814E1
249-5104-46	HVS1814C1
249-5104-47	HVS1814D1
249-5104-48	HVS1814E1
249-5104-49	MVS1814C1
249-5104-50	MVS1814D1
249-5104-51	MVS1814E1
249-5107-01	LVS1814C1
249-5107-02	LVS1814D1
249-5107-03	LVS1814E1
249-5107-04	LVS1814F1
249-5107-05	LVS1814G1
249-5107-06	LVS1814H1
249-5107-07	LVS1814C1
249-5107-08	LVS1814D1
249-5107-09	LVS1814E1
249-5107-10	LVS1814F1
249-5107-11	LVS1814G1
Continued...	

Generator

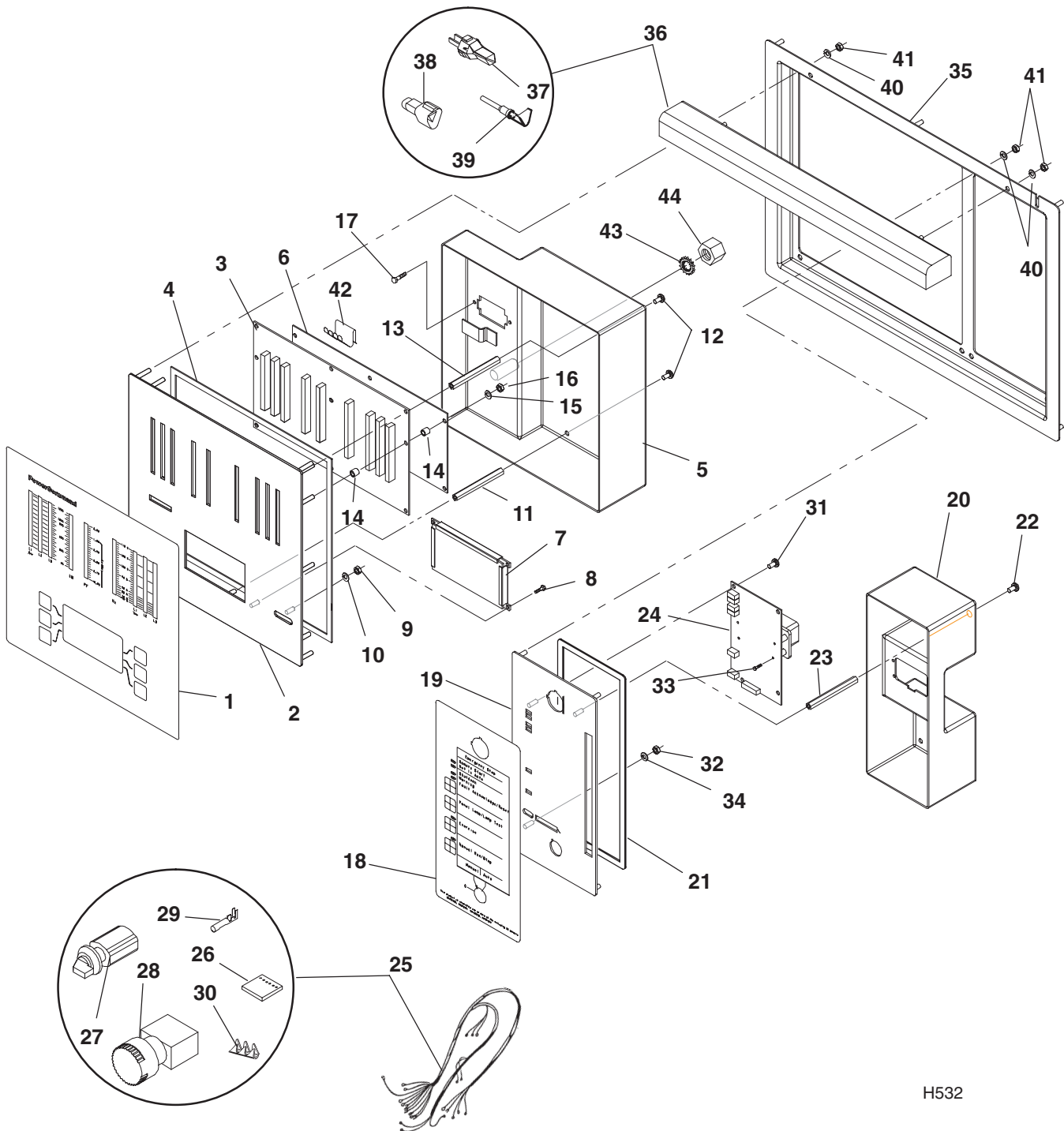
Onan Identification Number	Generator Model Number
Continued...	
249-5107-12	LVS1814H1
249-5107-13	MVS1814C1
249-5107-14	MVS1814D1
249-5107-15	MVS1814E1
249-5107-16	MVS1814F1
249-5107-17	MVS1814G1
249-5107-18	MVS1814H1
249-5107-19	HVS1814C1
249-5107-20	HVS1814D1
249-5107-21	HVS1814E1
249-5107-22	HVS1814F1
249-5107-23	HVS1814G1
249-5107-24	HVS1814H1
249-5107-25	LVS1814C1
249-5107-26	LVS1814D1
249-5107-27	LVS1814E1
249-5107-28	LVS1814C1
249-5107-29	LVS1814D1
249-5107-30	LVS1814E1
249-5107-31	HVS1814C1
249-5107-32	HVS1814D1
249-5107-33	HVS1814E1
249-5107-34	HVS1814C1
249-5107-35	HVS1814D1
249-5107-36	HVS1814E1
249-5107-37	HVS1814C1
249-5107-38	HVS1814D1
249-5107-39	HVS1814E1
249-5107-40	LVS1814C1
Continued...	

Generator

Onan Identification Number	Generator Model Number
Continued...	
249-5107-41	LVS1814D1
249-5107-42	LVS1814E1
249-5107-43	LVS1814C1
249-5107-44	LVS1814D1
249-5107-45	LVS1814E1
249-5107-46	HVS1814C1
249-5107-47	HVS1814D1
249-5107-48	HVS1814E1
249-5107-49	MVS1814C1
249-5107-50	MVS1814D1
249-5107-51	MVS1814E1

B280,312,461,462

PowerCommand Control Panel



H532

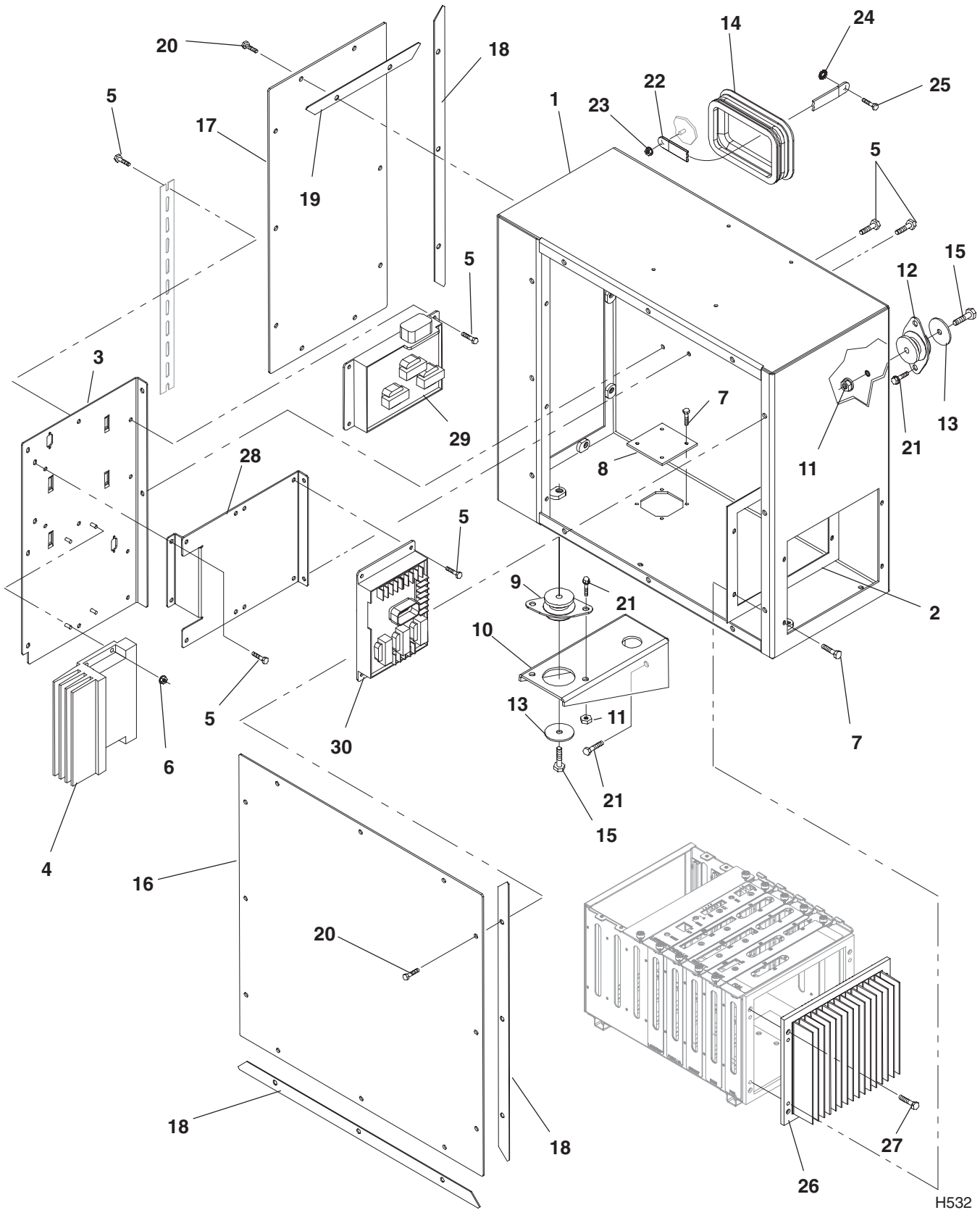
PowerCommand Control Panel

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5195	1	Membrane, Operator Panel	26	323-1839	1	* Connector – 6 Pin (P1)
2	319-3924-02	1	Panel, Operator	27	308-1085	1	* Switch, Selector (S12)
3	300-5180	1	Board, Printed Circuit – Bar Graph	28	308-0999	1	* Switch, Emergency Stop (S13)
4	319-3950	1	Gasket, Operator Panel	29	323-1688	6	* Socket, Contact (Used In P1)
5	319-3923-02	1	Housing, Operator Panel	30	332-3491-01	6	* Terminal, Wire Pin (Used In S12, S13)
6	300-5179	1	Board, Printed Circuit – Operator Panel Diagram	31	823-0001-01	4	Screw, Hex Head – Thread Forming (M3 x 6)
7	326-0230	1	Display, Graphic	32	860-2003	1	Nut, Hex (M3)
8	823-0001-01	4	Screw, Torx (M3 x 6)	33	815-0796	4	Screw, Pan Head – Thread Forming (#4-24 x 5/16")
9	860-2003	2	Nut, Hex (M3)	34	850-0020	1	Washer, Lock (#6)
10	850-0020	2	Washer, Lock (#6)	35	300-5280-02	1	Frame, Control Panel
11	332-3642	1	Standoff	36	300-5291	1	Rail, Operator Panel Light (Includes Parts Marked #)
12	823-0002-01	2	Screw, Torx (M4 x 6)	37	323-1502	1	# Wedge, Receptacle
13	332-3643	1	Standoff	38	323-1494	1	# Connector, Receptacle (3 Pin)
14	332-3644	14	Spacer	39	323-1491	3	# Pin, Contact
15	850-2004	7	Washer, Lock (M4)	40	850-2004	16	Washer, Lock (M4)
16	860-2005	7	Nut, Hex (M4)	41	860-2005	16	Nut, Hex (M4 x .7)
17	815-0872	2	Screw, Pan Head (#6 x 5/16")	42	332-3234-02	1	Connector, Finger
18	300-5196-01	1	Membrane, Switch Panel	43	856-0010	1	Washer, Lock – W/EIT (3/8")
19	319-3926-02	1	Panel, Switch	44	860-2009	1	Nut, Hex (M10)
20	319-3925-02	1	Housing, Switch Panel				
21	319-3951	1	Gasket, Switch Panel				
22	823-0002-01	4	Screw, Torx (M4 x 6)				
23	332-3642	4	Standoff				
24	300-5181	1	Board, Printed Circuit – Switch Panel (23)				
25	338-3801	1	Harness, Wiring – Switch Panel (Includes Parts Marked *)				

* – Parts Included in 338-3801 Wiring Harness

– Parts Included in 300-5291 Operator Panel Light Rail

PowerCommand Control

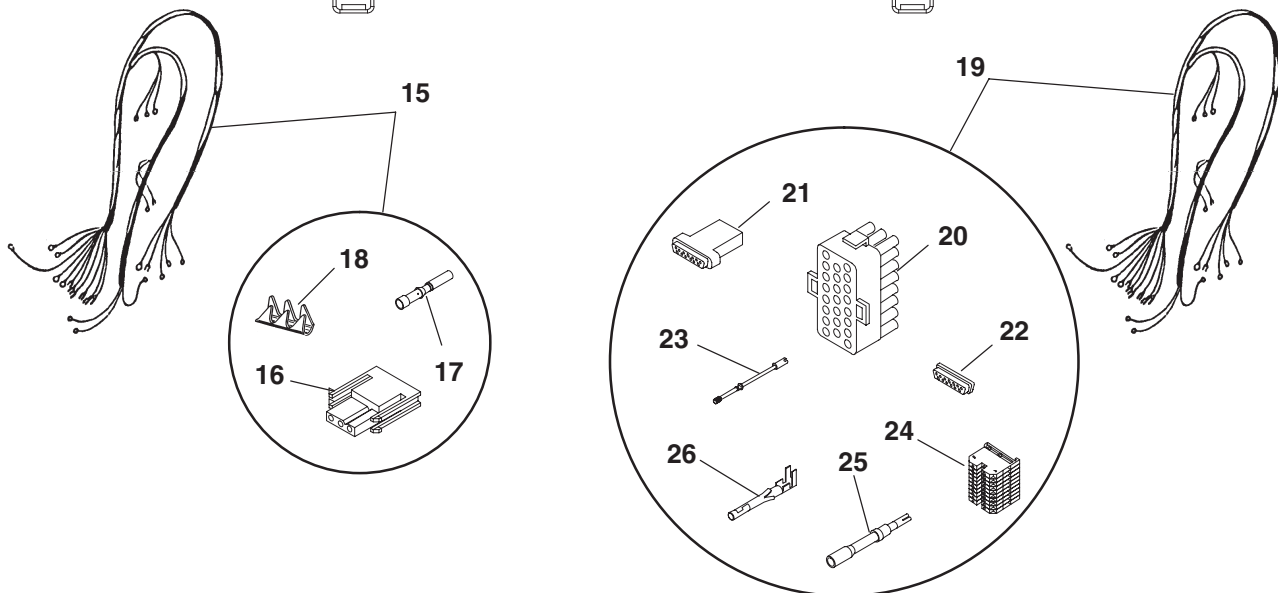
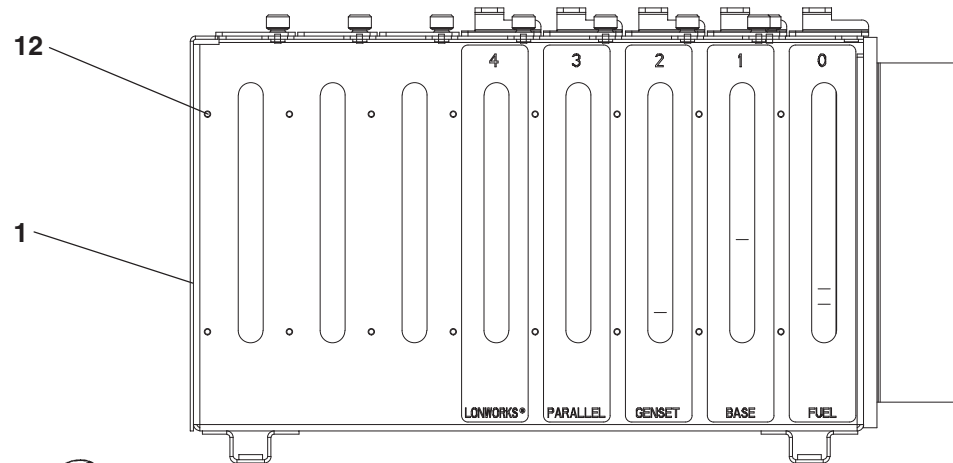
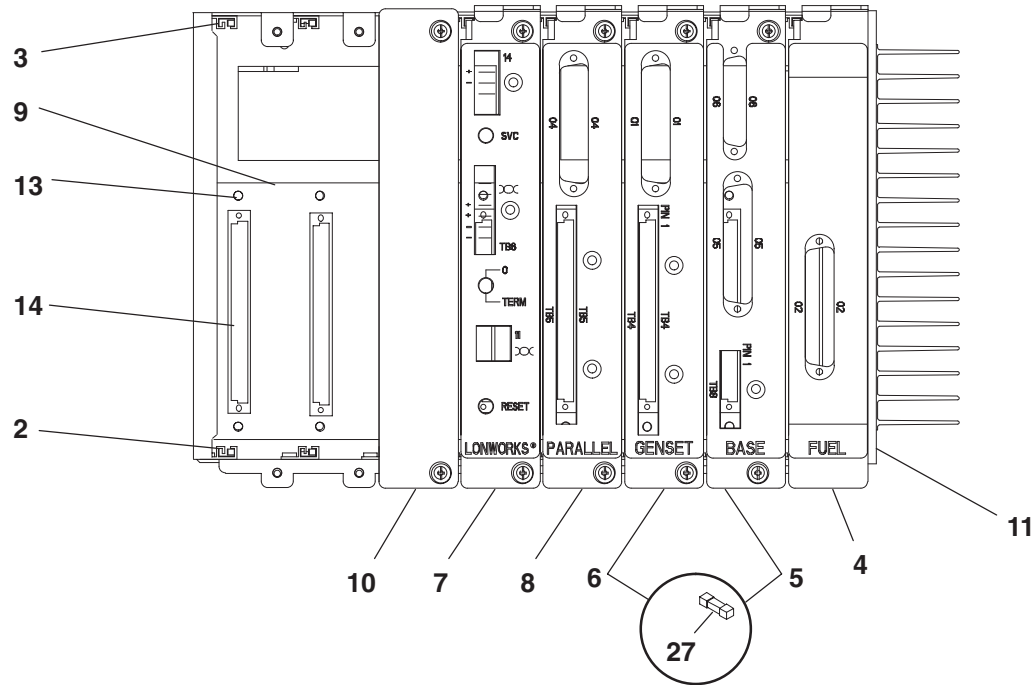


H532

PowerCommand Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3586	1	Box, Control	19	363-0187	2	Gasket, Cover
2	363-0189	1	Gasket, Heatsink	20	821-6002-02	22	Screw, Hex Head (M6 x 12)
3	319-3650	1	Bracket, Terminal Block	21	821-6003-01	12	Screw, Hex Head (M8 x 16)
4	300-4306	1	Module, Voltage Regulator (AVR)	22	337-3466-02	1	Strap, Bond
5	821-6001-02	24	Screw, Hex Head (M5 x 12)	23	870-2203	1	Nut, Locking (M10)
6	870-2208	4	Nut, Flange (M5)	24	856-0010	1	Washer – W/ET (M10)
7	815-0828-04	8	Screw, Hex Head (M4 x 16)	25	821-6004-01	1	Screw, Hex Head (M10 x 1.5 x 20)
8	319-3968	1	Cover, Cutout	26	363-0183	1	Heatsink, Genset
9	402-0748	2	Isolator, Vibration	27	823-0002-04	8	Screw, Hex Head – Thread Forming (M4 x 12)
10	319-3583	2	Bracket, Isolator	28	319-3649	1	Bracket, PT Bus Mounting
11	870-2055	4	Nut, Lock (M8)	29			Board, Printed Circuit – PT/CT
12	402-0751	2	Isolator, Vibration		300-4308-01	1	120 Volt
13	402-0749	4	Washer, Vibration Isolator		300-4308-02	1	240 Volt
14	332-3629	1	Bellows	30			Board, Printed Circuit – Power Transformer Bus
15	815-0829-02	4	Screw, Flange Head (M8 x 50)		300-4309-01	1	120 Volt
16	319-3585	1	Cover, Box – Main		300-4309-02	1	240 Volt
17	319-3584	1	Cover, Box – Side				
18	363-0188	6	Gasket, Cover				

Card Cage



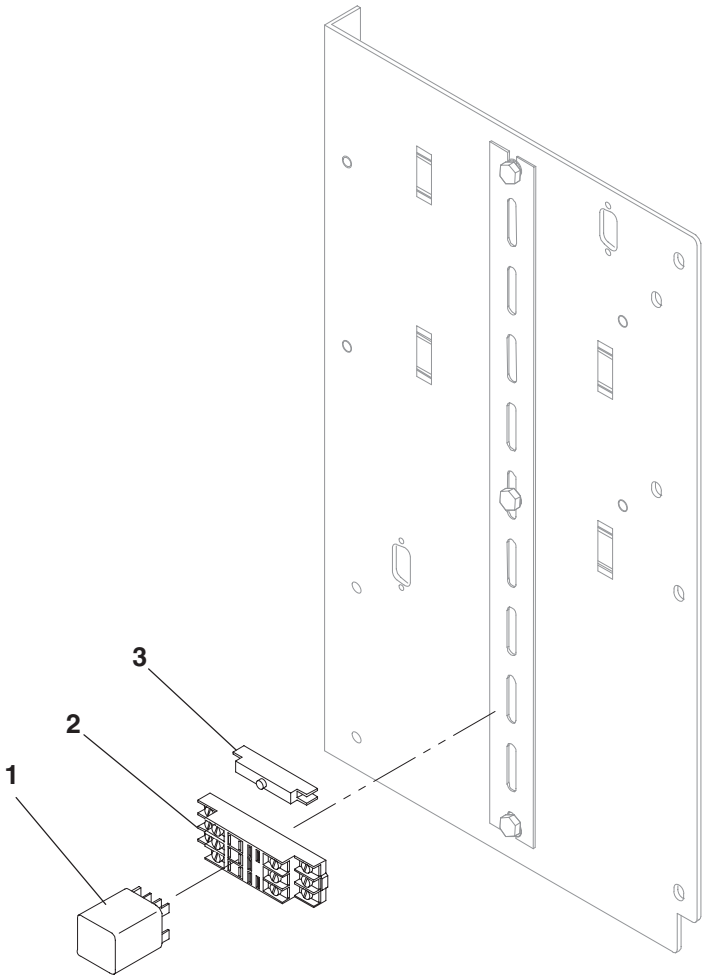
Card Cage

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3606	1	Cage, Card – Genset	15	338-3828	1	Harness, Wiring – Lonworks (Includes Parts Marked *)
2	406-0916	8	Guide, Metal Card – Left	16	323-1849	1	* Connector, Contact (3 Pin) (Station 14)
3	406-0917	8	Guide, Metal Card – Right	17	323-1850	2	* Socket, Contact (Used With Station 14)
4	300-4970	1	Board, Printed Circuit – Fuel	18	332-3491-01	2	* Pin, Contact (Used With B+ and GND)
5	300-4969	1	Board, Printed Circuit – Base (Includes Fuse)	19	338-3827	1	Harness, Wiring – Parallel (Includes Parts Marked #)
6	300-5187	1	Board, Printed Circuit – Generator Interface (Includes Fuses)	20	323-1605-03	1	# Plug (23 Pin) (Station 8)
7	300-5241	1	Board, Printed Circuit – Lonworks	21	323-1837	1	# Connector, Contact (50 Pin) (Station 4)
8	300-5270	1	Board, Printed Circuit – Parallel	22	323-1843	1	# Grommet (50 Place)
9	300-4968	1	Board, Printed Circuit – Backplane	23	323-1844	2	# Jackscrew
10			Cover, Card Cage – Blank	24	332-3125-02	1	# Block, Terminal (10 Pole) (TB3)
	319-3605	5	With Base Board	25	323-1835	34	# Socket, Contact (Used With Station 4)
	319-3605	4	With Base and Lonworks Boards	26	323-1614-01	12	# Pin, Contact (Used With Station 8)
	319-3605	3	With Base, Lonworks and Parallel Boards	27	340-0475-14	7	Fuse (5 Amp) (Five Used On Generator Interface Board and Two Used On Base Board)
11	815-0947	4	Screw, Hex Head (Used to Mount Fuel Board W/Heatsink to Card Cage) (M3 x 10)				
12	815-0949	32	Screw, Hex Head (4-40 x 1/4)				
13	815-0948	16	Screw, Hex Head (M4 x 6)				
14			Cover, Header – 96 Pin				
	323-1848	5	With Base Board				
	323-1848	4	With Base and Lonworks Boards				
	323-1848	3	With Base, Lonworks and Parallel Boards				

* – Parts Included in 338-3828 Wiring Harness

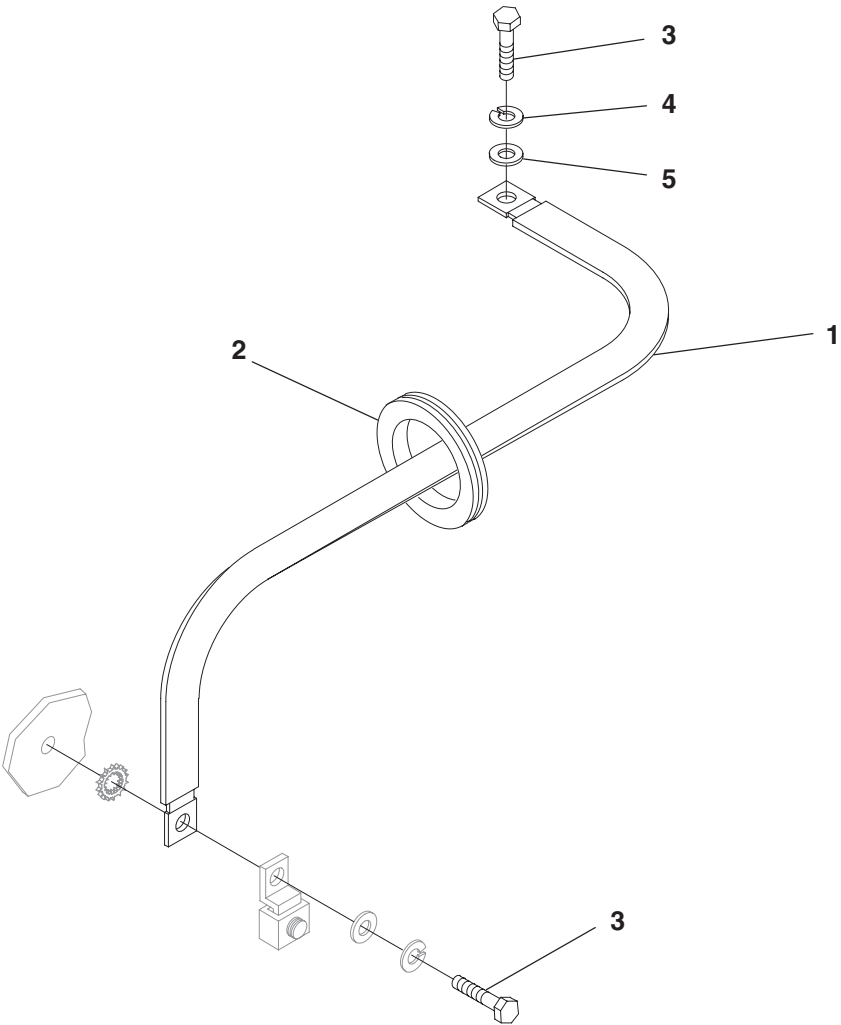
– Parts Included in 338-3827 Wiring Harness

Relay



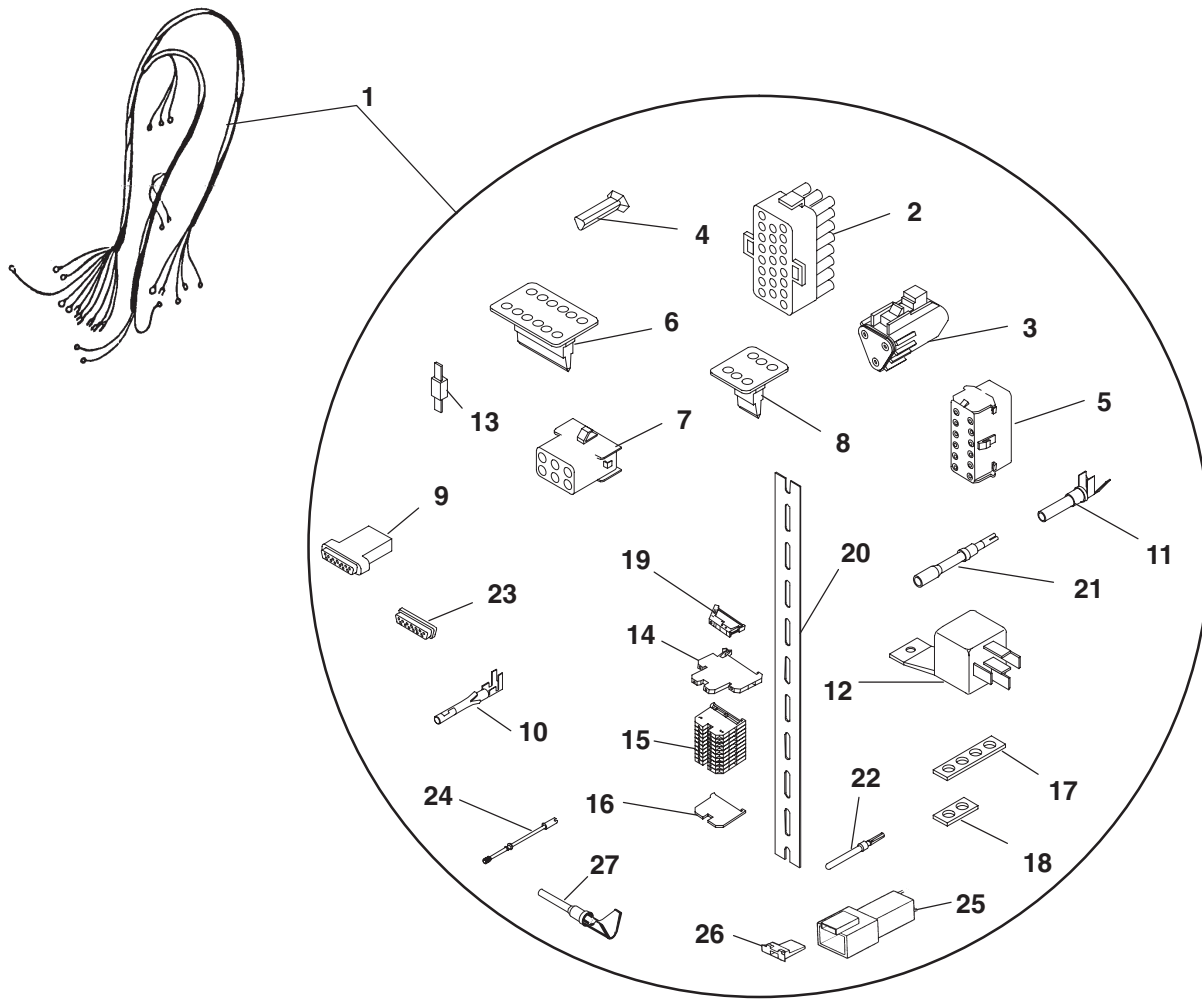
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Relay	2			Socket, Relay
			Alarm Relay (K14)				Alarm Relay
	307-1058-01	1	12 Volt		323-1410-01	1	
	307-1056-01	1	24 Volt		323-1410-01	3	
			Run Relay (K11,12,13)	3	323-1411-01	2	Clip, Socket Mounting
	307-1058-01	3	12 Volt				
	307-1056-01	3	24 Volt				

**Ground Strap
Circuit Breaker Box**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	337-3465	1	Strap, Ground (25")	4	850-2010	1	Washer, Lock – Spring (M10)
2	508-1090	1	Grommet (Fits 3-1/4" Hole)	5	526-2120	1	Washer, Flat (M10)
3	800-2088	2	Screw, Cap – Hex Head (M10 x 35mm)				

Wiring Harness Control

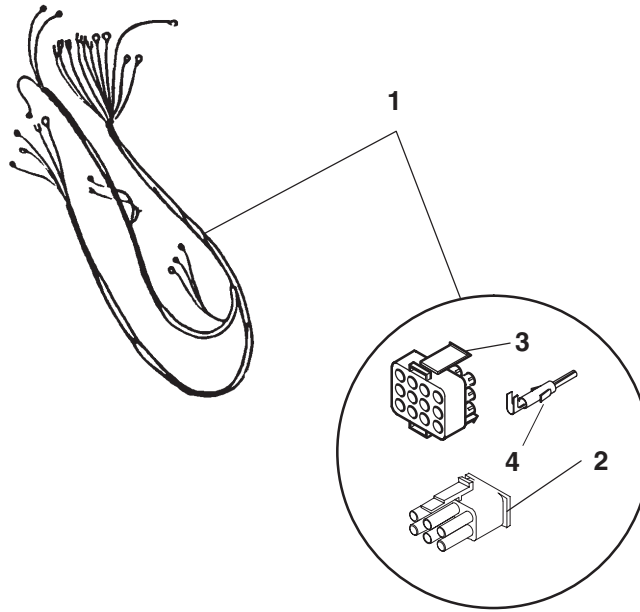


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Wiring Harness Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3808	1	Harness, Control (Includes	12	307-2817-02	2	Relay (24 Volt) (K14, K15)
			Parts Listed Below)	13	357-0030	1	Rectifier, Silicon
2			Plug, Connector (23 Place)	14	332-3125-04	10	Block, Terminal (Single)
	323-1605-01	1	Colored Black (Station 23)	15	332-3125-02	1	Block, Terminal (10 Terms)
	323-1605-03	1	Colored Grey (Station 8)	16	332-3126-02	3	Spacer
3	323-1493	1	Plug, Connector (3 Place)	17	332-2843-07	2	Jumper, Terminal (4 Pole)
			(Station 22)	18	332-2843-05	1	Jumper, Terminal (2 Pole)
4	323-1503	1	Wedge (3 Place) (Used With	19	332-2878	2	Bracket, Terminal End
			Station 22)	20	332-3637	1	Rail, Terminal (18.46")
5	323-1582	1	Plug, Connector (12 Place)	21	323-1835-01	53	Socket, Contact (10 Used
			(Station 21)				With Station 6, 43 Used
6	323-1583	1	Wedge (12 Place) (Used				With Station 1)
			With Station 21)	22	323-1847-01	4	Pin, Contact (Used With
7	323-1623	2	Plug, Connector (6 Place)				Station 12)
			(Station 7, Station Inline D)	23			Grommet
8	323-1624	2	Wedge (6 Place) (Used With		323-1843	1	50 Place
			Stations 7 and Inline D)		323-1845	1	25 Place
9			Contact, Connector	24	323-1844	4	Jackscrew
	323-1841	1	9 Place (Station RS232)	25	323-1505	1	Plug, Connector (2 Place)
	323-1836	1	25 Place (Station 6)				(Inline H)
	323-1837	1	50 Place (Station 1)	26	323-1501	1	Wedge (2 Place) (Used With
10	323-1614-01	29	Pin, Contact (17 Used With				Inline H)
			Station 23, 12 Used With	27	323-1491	2	Pin, Contact (Used With
			Station 8)				Inline H)
11	323-1492	26	Socket, Contact (11 Used				
			With Station 21, 2 Used				
			Station 22, 6 Used With				
			Station 7, 5 Used With				
			Station Inline D, 2 Used				
			With Station 6)				

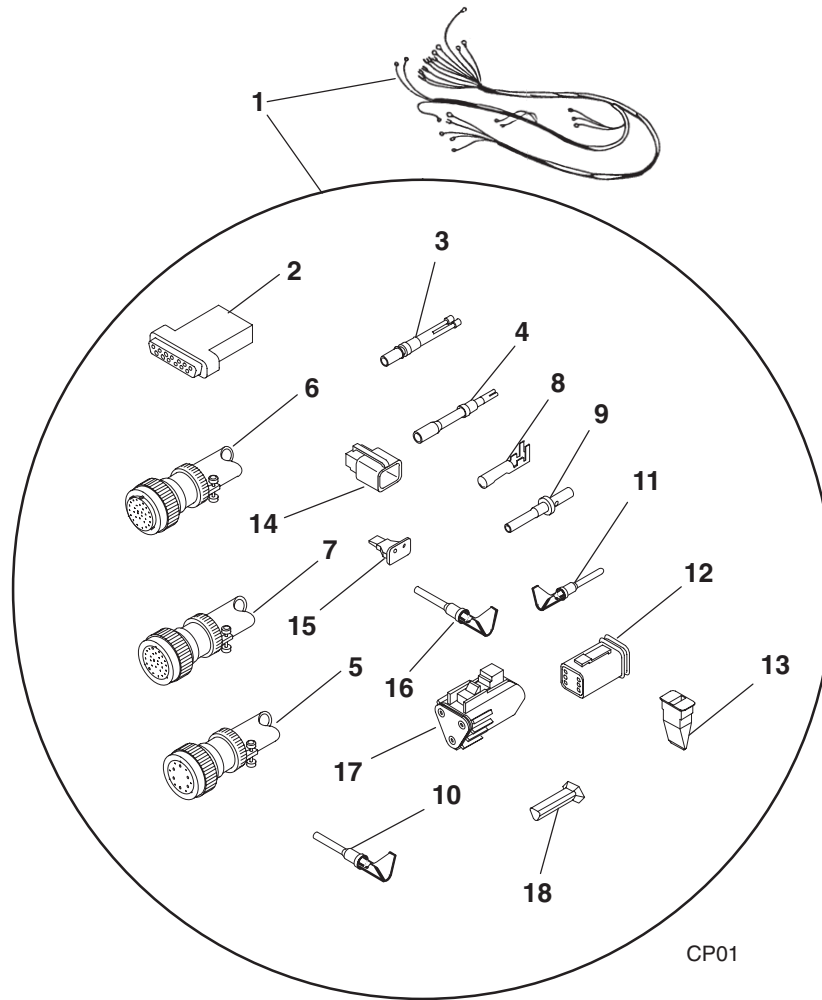
Wiring Harness AC



CP01

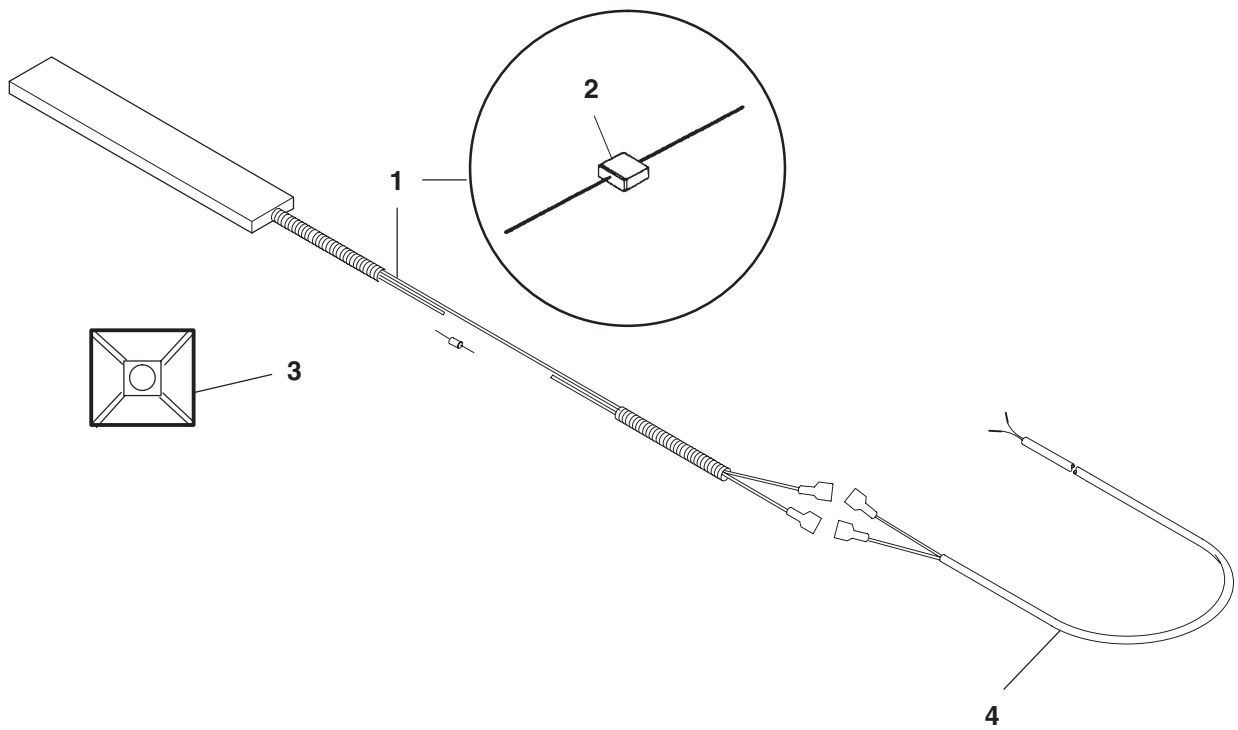
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring – AC (15 Wire) (Includes Parts Listed Below)	2	323-1643-01	1	Plug, Connector (6 Place) (P10)
			Standard – Frame 7	3	323-1644-03	1	Housing, Connector (12 Place) (P9)
			Generators (Without Remote Control) (09, 10 to PMG, X, XX, 5, 6, 7, 8, CT21, 22, 23) (82")	4	323-1648	15	Socket, Contract (10 Each Used In P9, 5 Each Used In P10)
	338-3805	1	Low Voltage				
	338-3873	1	Medium Voltage				
			Remote Control				
			Frame 7 Generators (09, 10 to PMG, X, XX, 5, 6, 7, 8, CT21, 22, 23)				
	338-3834	1	Low Voltage (188")				
	338-3874	1	Medium Voltage (188")				
	338-3806	1	Frame 8 Generators (P9, P10 to 8, 9, 10, 13, 14, 42, 43, 48, 49, 54, 55, 65, 66, 67, 68) High Voltage (176")				

Wiring Harness Engine Extension



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3800	1	Harness, Wiring – Engine Extension (Includes All Parts Listed Below) (C1,C2,C3 to J2,J5,J14,J15,J16,)	8	323-1752	30	Socket, Contact
2	323-1841	1	Connector, Contact 9 Place (Includes Screws and Locknuts) (Connector 13)	9	323-1838	6	Pin, Contact
	323-1837	2	50 Place (Includes Backshell and Hardware) (Connector 2 and 5)	10	323-1491	12	Pin, Contact (Used With 323-1625 Housing)
3	323-1835-01	20	Socket, Contact (5/8" Long)	11	323-1834	30	Pin, Contact
4	323-1835-02	125	Socket, Contact (7/8" Long)	12	323-1625	1	Housing, Connector (6 Place) (Inline D)
5	323-1833	1	Plug, Connector (19 Place) (Inline C)	13	323-1626	1	Wedge (Used With 323-1625 Housing)
6	323-1832	1	Plug, Connector (33 Place) (With Center Collar) (Inline A)	14	323-1504	4	Plug, Connector (2 Place)
7	323-1831	1	Plug, Connector (33 Place) (Without Center Collar) (Inline B)	15	323-1500	4	Wedge
				16	323-1492	8	Socket, Contact
				17	323-1493	1	Plug, Connector (3 Place)
				18	323-1503	1	Wedge

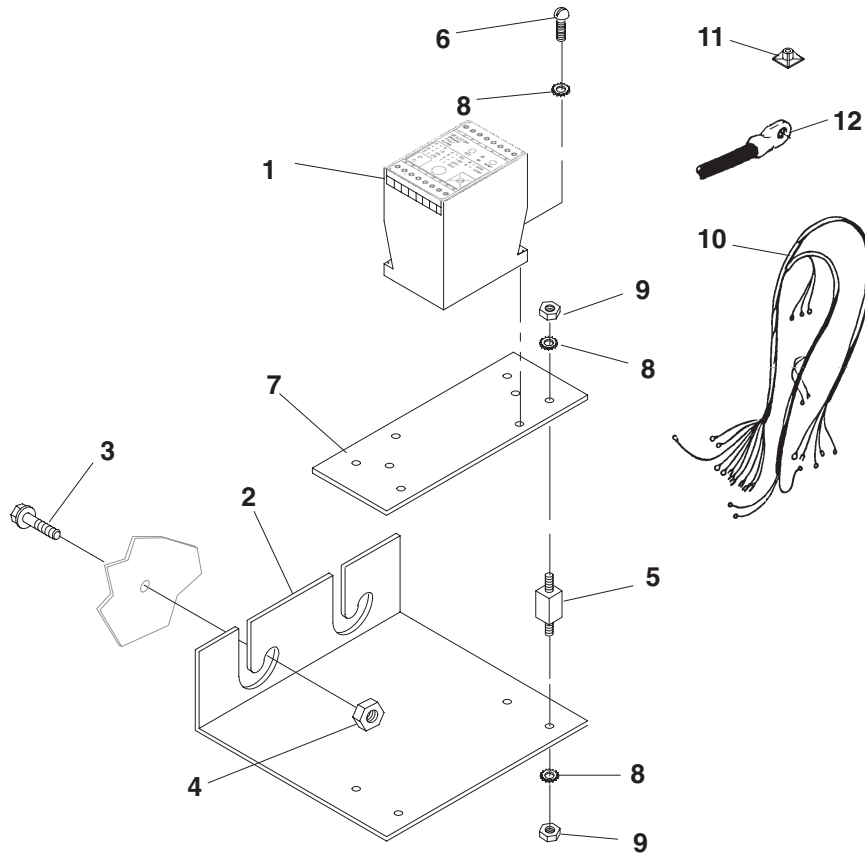
Control Heater



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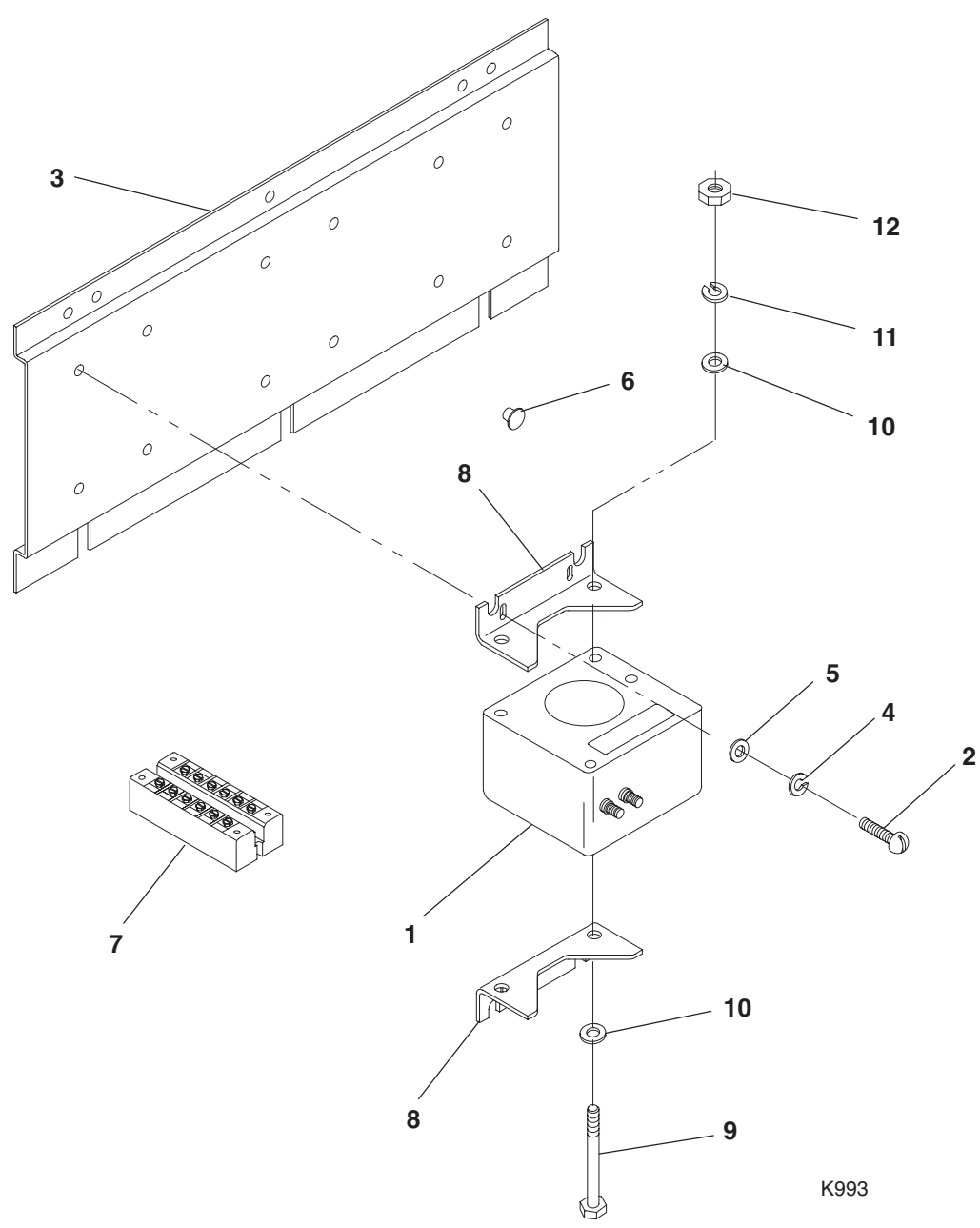
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater Assembly, Control – 100 Watt (Includes Rectifier)	2	357-0114	1	Rectifier (3 Amp)
	300-4515-01	1	120 Volt	3	332-3338	2	Mount, Cable
	300-4515-02	1	240 Volt	4	338-3829	1	Harness, Wiring – Control Heater (120 Volt)

Ground Fault Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2843	1	Relay (GFA)	8	853-0005	8	Washer, Lock – ET (#8)
2	301-6987	1	Bracket, Mounting	9	870-0221	10	Nut, Hex – W/ET (#8-32)
3	821-0017	2	Screw, Self-Locking – Hex Washer Head (5/16-18 x 1/2")	10	338-3233	1	Harness, Wiring (GFA to TB1, GEN NEUTRAL and GND) (5 Wire, 119")
4	870-0257	2	Nut, Hex – Self-Locking (5/16-18)	11	332-2420	2	Mount, Cable Tie
5	402-0354	4	Mount, Shock	12	226-4406-06	2	Cable, Generator (Generator Neutral to Generator Grounding Bolt) (24")
6	812-0081	2	Screw, Machine – Round Head (#8-32 x 5/8")				
7	319-0030	1	Plate, Mounting				

Differential Current Transformer



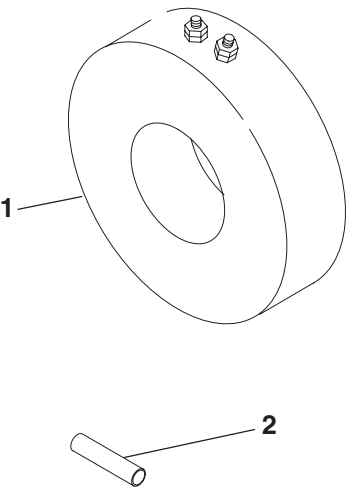
K993

Differential Current Transformer

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current (CT1,CT2,CT3)	2	813-0098	12	* Screw, Machine – Round Head (#10-32 x 3/8")
			5kV	3	319-1265	1	* Bracket, Current Transformer
	302-1945-10	3	Ratio 75/5	4	850-0030	12	* Washer, Lock – Spring (#10)
	302-1945-03	3	Ratio 100/5	5	526-0008	12	* Washer, Flat (#10)
	302-1945-02	3	Ratio 150/5	6	517-0090	1	Plug, Hole (Fits 5/16" Hole) (Quantity Used As Required)
	302-1945-01	3	Ratio 200/5	7	332-3178-01	1	Block, Terminal (6 Place) (SCB)
	302-1945-04	3	Ratio 250/5	8	319-3297	6	* Bracket, Foot
	302-1945-05	3	Ratio 300/5	9	800-0039	6	* Screw, Cap – Hex Head (5/16-18 x 3-1/2")
	302-1945-06	3	Ratio 400/5	10	526-0022	12	* Washer, Flat (5/16")
	302-1945-07	3	Ratio 500/5	11	850-0045	6	* Washer, Lock – Spring (5/16")
	302-1945-08	3	Ratio 600/5	12	862-0015	6	* Nut, Hex (5/16-18)
	302-1945-09	3	Ratio 750/5				
	302-1945-11	3	Ratio 800/5				
	302-1945-12	3	Ratio 1000/5				
	302-1945-13	3	Ratio 1200/5				
	302-1945-14	3	Ratio 1500/5				
	302-1945-15	3	Ratio 1600/5				
			600V				
	302-1961-01	3	Ratio 200/5				
	302-1961-02	3	Ratio 250/5				
	302-1961-03	3	Ratio 300/5				
	302-1961-04	3	Ratio 400/5				
	302-1961-05	3	Ratio 500/5				
	302-1961-06	3	Ratio 600/5				
	302-1961-07	3	Ratio 750/5				
	302-1961-08	3	Ratio 800/5				
	302-1961-09	3	Ratio 1000/5				
	302-1961-10	3	Ratio 1200/5				
	302-1961-11	3	Ratio 1500/5				
	302-1961-12	3	Ratio 1600/5				
	302-1961-13	3	Ratio 1800/5				
	302-1961-14	3	Ratio 2000/5				
	302-1961-15	3	Ratio 2500/5				
	302-1961-16	3	Ratio 3000/5				

* – Mounting Hardware Used With 5kV Current Transformers

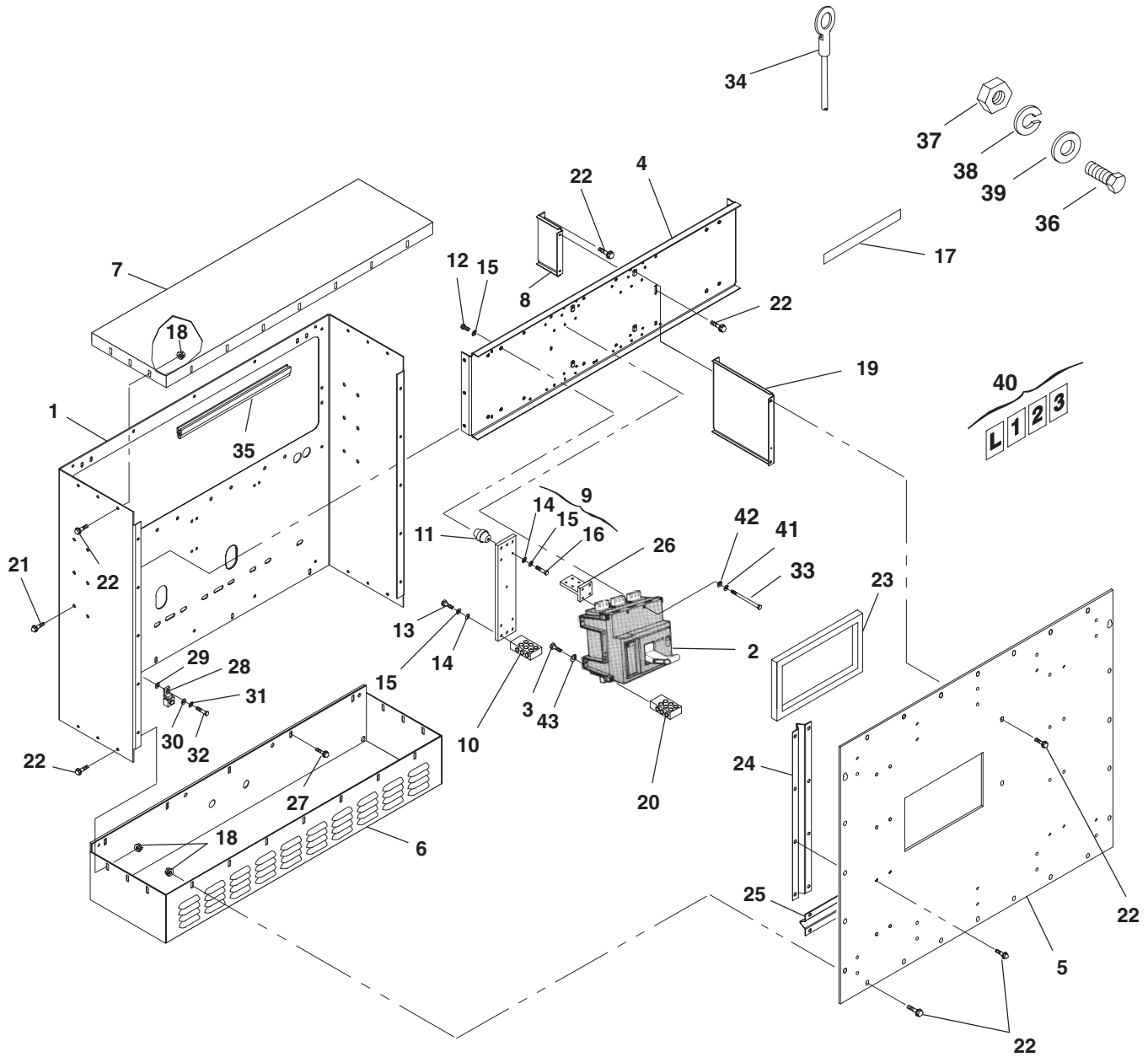
Current Transformer



CP01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current (CT21, CT22, CT23)	2	898-1329	3	Sleeving, Insulation – Used On Neutral Ends Of Generator Phase Conductors (2400, 1905 DELTA and 4160, 3300 WYE) (5-1/2")
	302-1926-36	3	Ratio 670/1				
	302-1926-37	3	Ratio 1150/1				
	302-1926-34	3	Ratio 4200/1				
	302-1926-32	3	Ratio 5750/1				
	302-1926-31	3	Ratio 6250/1				

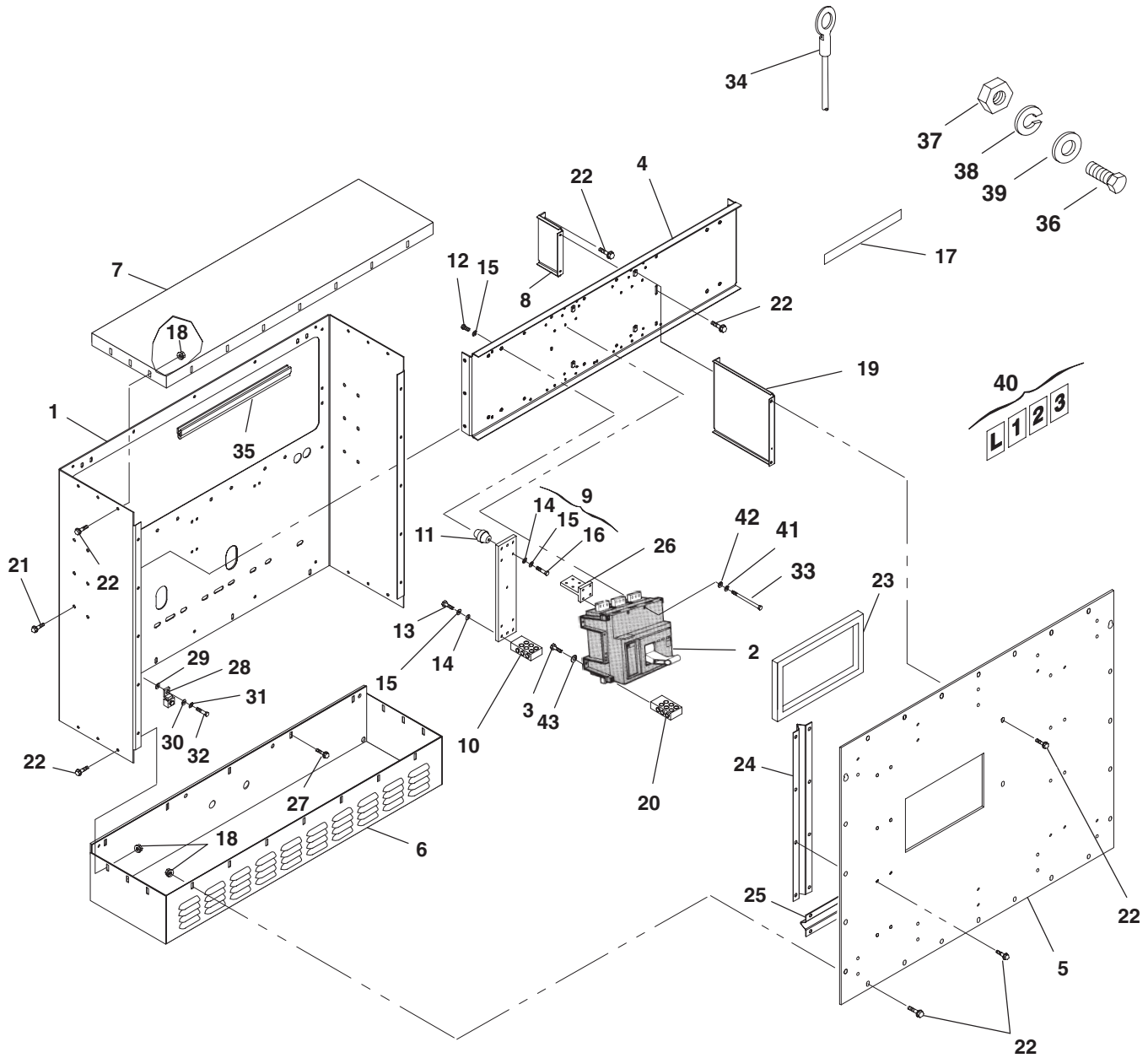
Circuit Breaker UL Listed



Circuit Breaker UL Listed

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3184	1	Box, Circuit Breaker	6	319-1925	1	Panel – Bottom
2			Breaker, Circuit – 3 Pole, 100% Rated (Includes Mounting Screws) Frame Size CM2000-HH Circuit Breakers Include Bus Bars (T-bars) (CB21)	7	319-1961	1	Panel – Top
			Standard	8	319-3253-02	1	Brace, Mounting – Circuit Breaker
	320-1783-01	1	Frame Size CM1250-HH	9	300-4480-01	1	Bar Assembly, Neutral (Includes Neutral Bars, Labels and Parts Marked *)
	320-1783	1	Frame Size CM1600-HH	10	332-3303-01	1	* Lug, Solderless
	320-1783-02	1	Frame Size CM2000-HH	11	332-2744-07	4	* Standoff, Insulator
	320-1783-03	1	Frame Size CM2500-HH	12	800-0048	4	* Screw, Cap – Hex Head (3/8-16 x 3/4")
			With 24 Volt Shunt Trip	13	800-2089	3	* Screw, Cap – Hex Head (M10 x 40mm)
	320-1783-05	1	Frame Size CM1250-HH	14	526-2120	7	* Washer, Flat (M10)
	320-1783-04	1	Frame Size CM1600-HH	15	850-2010	11	* Washer, Lock – Spring (M10)
	320-1783-06	1	Frame Size CM2000-HH	16	800-0052	4	* Screw, Cap – Hex Head (3/8-16 x 1-1/2")
	320-1783-07	1	Frame Size CM2500-HH	17	091-0002	1	* Strip, Copper (Used for wrapping ends of leads before securing to neutral bar lugs) (Quantity Used As Required)
			With Auxiliary Contacts and Bell Alarm	18	870-0504	26	Nut, Self-Retaining (M6)
	320-1783-18	1	Frame Size CM1250-HH	19	319-3252-02	1	Brace, Cover
	320-1783-17	1	Frame Size CM1600-HH	20	332-3303-01	3	Lug, Solderless
	320-1783-19	1	Frame Size CM2000-HH	21	821-6003-02	6	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
	320-1783-20	1	Frame Size CM2500-HH	22	821-6002-03	85	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)
			With Auxiliary Contacts, Bell Alarm and 24 Volt Shunt Trip	23	895-0182	–	Stripping, Weather – Bulk (Order By The Foot – 4 Feet Required)
	320-1783-09	1	Frame Size CM1250-HH	24	319-3286	2	Brace, Cover (Vertical)
	320-1783-08	1	Frame Size CM1600-HH	25	319-3288	2	Brace, Cover (Horizontal)
	320-1783-10	1	Frame Size CM2000-HH	26			Bar, Bus (T-Bar) (Includes Mounting Hardware)
	320-1783-11	1	Frame Size CM2500-HH		337-2789	4	Sets With CM1250-HH, CM1600-HH Breakers
					337-2789	1	Sets With CM2000-HH, CM2500-HH Breakers
				27	821-2035	5	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)
				28	332-2001	1	Lug, Solderless
				29	856-0010	1	Washer, Lock – EIT (3/8")
				30	526-2120	1	Washer, Flat (M10)
				31	850-2010	1	Washer, Lock – Spring (M10)
				32	800-2086	1	Screw, Cap – Hex Head (M10 x 25mm)
3	800-2089	9	Screw, Cap – Hex Head (M10 x 40mm) CM1250-HH, CM1600-HH Breakers	* – Parts Included In 300-4480-01 Neutral Bar Assembly			
4	319-3153	1	Bracket, Mounting	Continued...			
5	319-3266-01	1	Cover, Circuit Breaker				

Circuit Breaker UL Listed

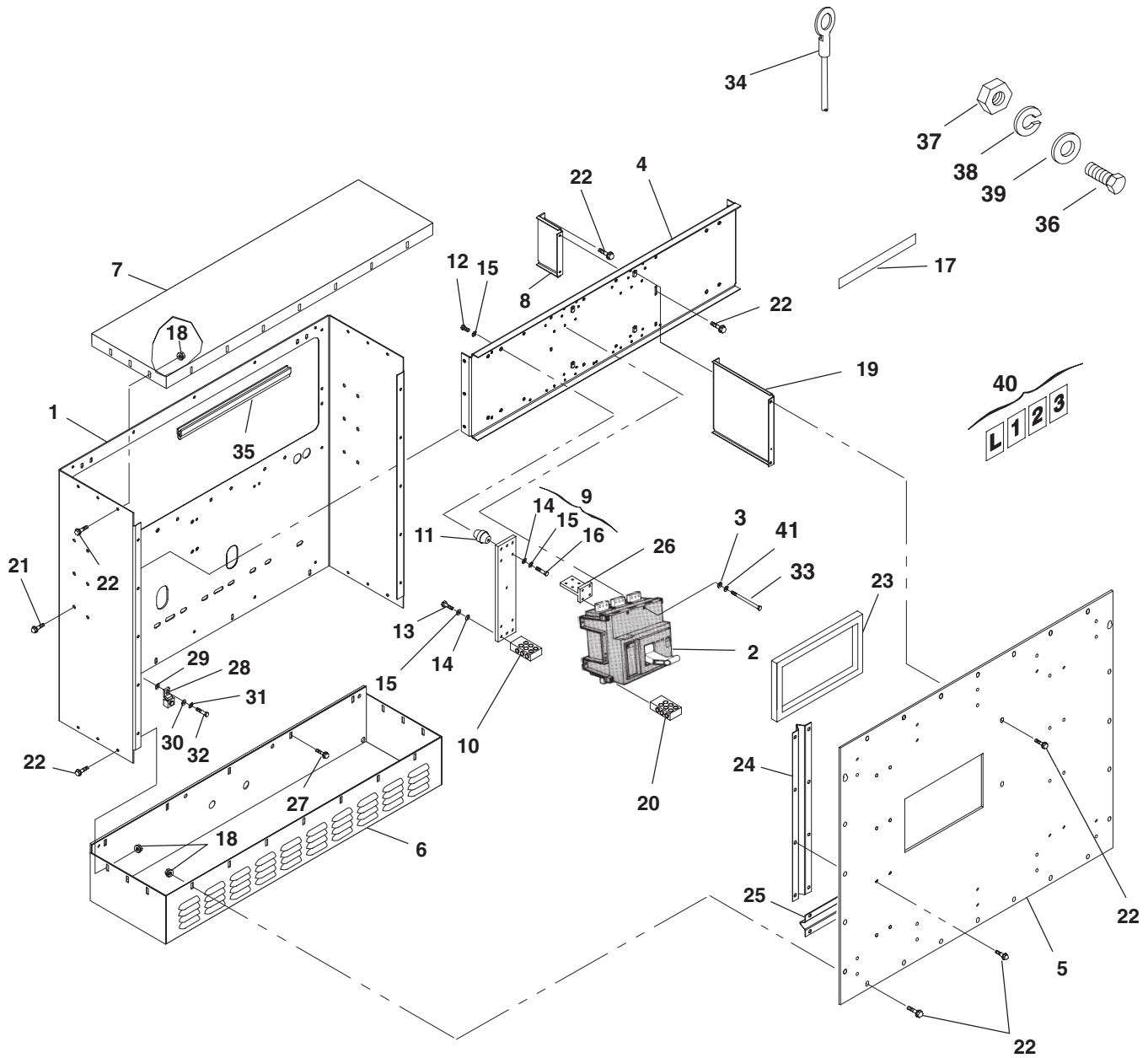


Circuit Breaker UL Listed

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...							
33	800-2063	4	Screw, Cap – Hex Head (M8 x 50mm)	39	526-2140	48	Washer, Flat (M12)
34	226-4406-08	1	Lead – Circuit Breaker (Quantity Used As Required) 36" (Without Markings) (#1/0 Wire)	40			Label, Marker (10 Characters Per Card) (Quantity Used As Required)
35	508-1109	–	Edging – Bulk (Order By The Foot – 3 Feet Required)		098-5854-06	3	Marked "L"
					098-5854-07	1	Marked "1"
					098-5854-08	1	Marked "2"
					098-5854-09	1	Marked "3"
			The following four hardware items are used to fasten the load leads to the generator, neutral bar and circuit breaker.	41	850-2008	4	Washer, Lock – Spring (M8)
36	800-2116	24	Screw, Cap – Hex Head (M12 x 50mm)	42	526-2100	4	Washer, Flat (M8)
37	860-2010	24	Nut, Hex (M12)	43	850-2010	9	Washer, Lock – Spring (M10)
38	850-2012	24	Washer, Lock – Spring (M12)				CM1250-HH, CM1600-HH Breakers

* – Parts Included In 300-4480-01 Neutral Bar Assembly

Disconnect Switch Molded Case UL Listed

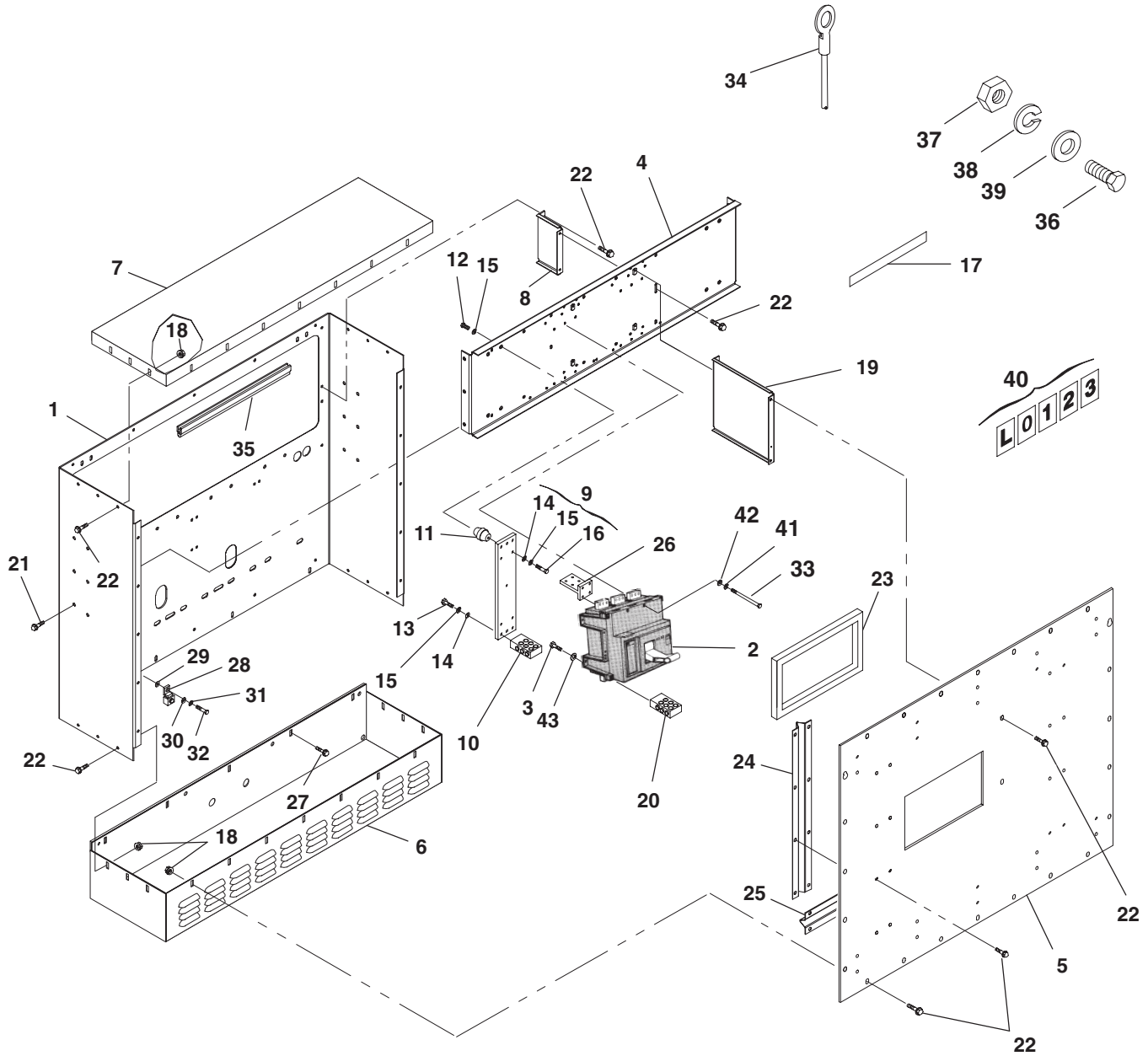


**Disconnect Switch
Molded Case
UL Listed**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3184	1	Box, Disconnect Switch	25	319-3288	2	Brace, Cover (Horizontal)
2	320-1907-02	1	Switch, Disconnect – 2000 Amp, 3 Pole (Includes Mounting Screws) (CB21)	26	337-2789	1	Bar, Bus (T-Bar) (Includes Mounting Hardware)
3	526-2100	4	Washer, Flat (M8)	27	821-2035	5	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)
4	319-3153	1	Bracket, Mounting	28	332-2001	1	Lug, Solderless
5	319-3266-01	1	Cover, Disconnect Switch	29	856-0010	1	Washer, Lock – EIT (3/8")
6	319-1925	1	Panel – Bottom	30	526-2120	1	Washer, Flat (M10)
7	319-1961	1	Panel – Top	31	850-2010	1	Washer, Lock – Spring (M10)
8	319-3253-02	1	Brace, Mounting – Disconnect Switch	32	800-2086	1	Screw, Cap – Hex Head (M10 x 25mm)
9	300-4480-01	1	Bar Assembly, Neutral (Includes Neutral Bars, Labels and Parts Marked *)	33	800-2063	4	Screw, Cap – Hex Head (M8 x 50mm)
10	332-3303-01	1	* Lug, Solderless	34	226-4406-08	1	Lead – Disconnect Switch (Quantity Used As Required) 36" (Without Markings) (#1/0 Wire)
11	332-2744-07	4	* Standoff, Insulator				Edging – Bulk (Order By The Foot – 3 Feet Required)
12	800-0048	4	* Screw, Cap – Hex Head (3/8-16 x 3/4")	35	508-1109	–	The following four hardware items are used to fasten the load leads to the generator, neutral bar and circuit breaker.
13	800-2089	3	* Screw, Cap – Hex Head (M10 x 40mm)	36	800-2116	24	Screw, Cap – Hex Head (M12 x 50mm)
14	526-2120	7	* Washer, Flat (M10)	37	860-2010	24	Nut, Hex (M12)
15	850-2010	11	* Washer, Lock – Spring (M10)	38	850-2012	24	Washer, Lock – Spring (M12)
16	800-0052	4	* Screw, Cap – Hex Head (3/8-16 x 1-1/2")	39	526-2140	48	Washer, Flat (M12)
17	091-0002	1	* Strip, Copper (Used for wrapping ends of leads before securing to neutral bar lugs) (Quantity Used As Required)	40			Label, Marker (10 Characters Per Card) (Quantity Used As Required)
18	870-0504	26	Nut, Self-Retaining (M6)		098-5854-06	3	Marked "L"
19	319-3252-02	1	Brace, Cover		098-5854-07	1	Marked "1"
20	332-3303-01	3	Lug, Solderless		098-5854-08	1	Marked "2"
21	821-6003-02	6	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)		098-5854-09	1	Marked "3"
22	821-6002-03	89	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)	41	850-2008	4	Washer, Lock – Spring (M8)
23	895-0182	–	Stripping, Weather – Bulk (Order By The Foot – 4 Feet Required)				
24	319-3286	2	Brace, Cover (Vertical)				

* – Parts Included In 300-4480-01 Neutral Bar Assembly

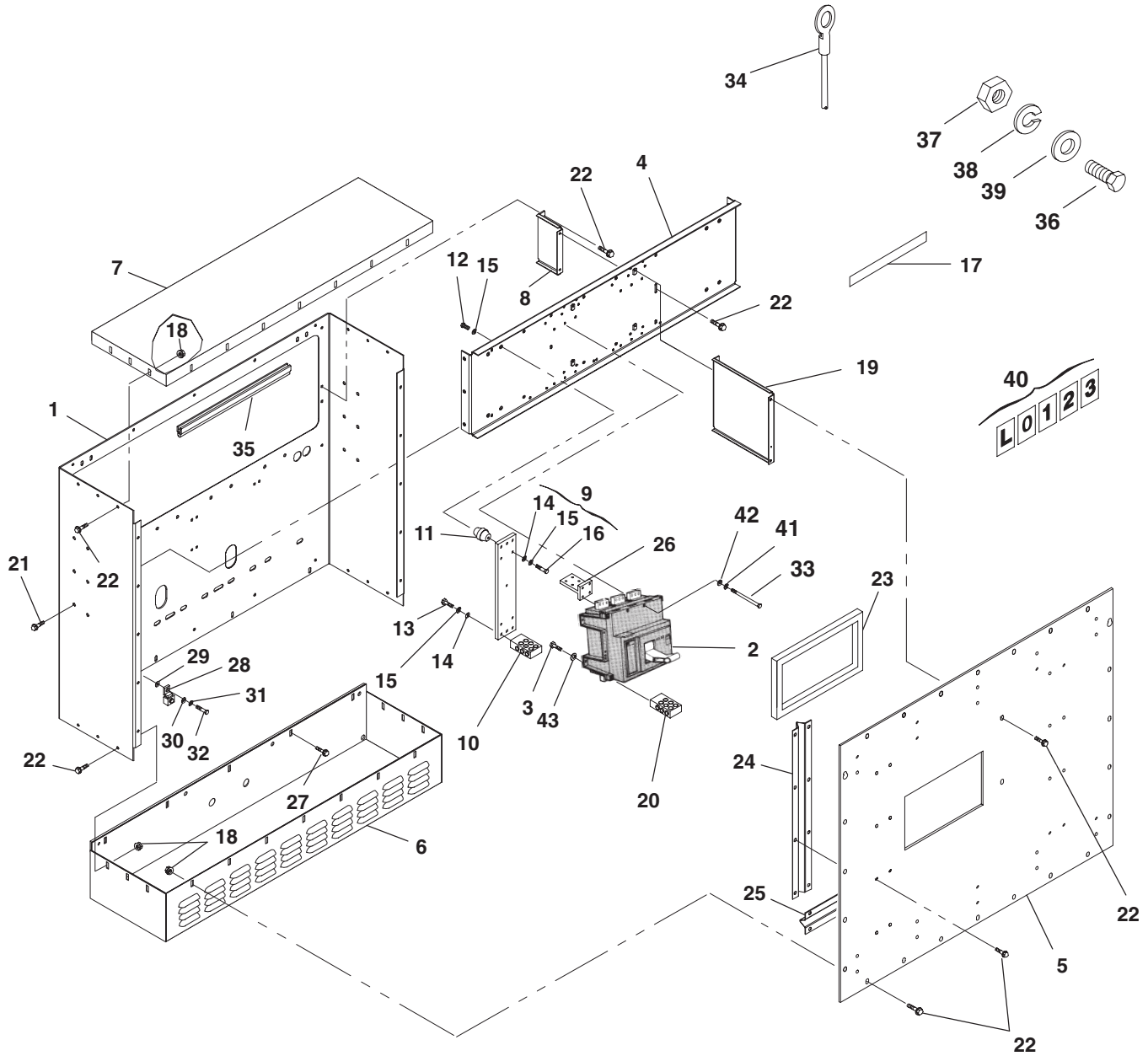
Circuit Breaker Non-UL Listed



Circuit Breaker Non-UL Listed

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3184	1	Box, Circuit Breaker	4	319-3153	1	Bracket, Mounting
2			Breaker, Circuit (Includes Mounting Screws) (CB21)	5			Cover, Circuit Breaker
			Three Pole Breakers		319-3266-01	1	Sets With 3 Pole Circuit Breakers
			Standard		319-3266-02	1	Sets With 4 Pole Circuit Breakers
	320-1699-01	1	Frame Size CM1250				
	320-1699	1	Frame Size CM1600	6	319-1925	1	Panel – Bottom
	320-1699-02	1	Frame Size CM2000	7	319-1961	1	Panel – Top
			With 24 Volt Shunt Trip	8	319-3253-02	1	Brace, Mounting – Circuit Breaker
	320-1699-05	1	Frame Size CM1250	9	300-4480-01	1	Bar Assembly, Neutral (Includes Neutral Bars, Labels and Parts Marked *) (Used With 3 Pole Circuit Breakers)
	320-1699-04	1	Frame Size CM1600				
	320-1699-06	1	Frame Size CM2000	10	332-3303-01	1	* Lug, Solderless
			With Auxiliary Contacts, Bell Alarm and 24 Volt Shunt Trip	11	332-2744-07	4	* Standoff, Insulator
				12	800-0048	4	* Screw, Cap – Hex Head (3/8-16 x 3/4")
	320-1699-09	1	Frame Size CM1250	13	800-2089	3	* Screw, Cap – Hex Head (M10 x 40mm)
	320-1699-08	1	Frame Size CM1600	14	526-2120	7	* Washer, Flat (M10)
	320-1699-10	1	Frame Size CM2000	15	850-2010	11	* Washer, Lock – Spring (M10)
			Four Pole Breakers	16	800-0052	4	* Screw, Cap – Hex Head (3/8-16 x 1-1/2")
			Standard	17	091-0002	1	* Strip, Copper (Used for wrapping ends of leads before securing to neutral bar lugs) (Quantity Used As Required)
	320-1699-22	1	Frame Size CM1250	18	870-0504	26	Nut, Self-Retaining (M6)
	320-1699-21	1	Frame Size CM1600	19	319-3252-02	1	Brace, Cover
	320-1699-23	1	Frame Size CM2000	20			Lug, Solderless
			With 24 Volt Shunt Trip		332-3303-01	3	Sets With 3 Pole Circuit Breakers
	320-1699-26	1	Frame Size CM1250		332-3303-01	4	Sets With 4 Pole Circuit Breakers
	320-1699-25	1	Frame Size CM1600				
	320-1699-27	1	Frame Size CM2000	21	821-6003-02	6	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
			With Auxiliary Contacts, Bell Alarm and 24 Volt Shunt Trip	22			Screw, Self-Locking – Hex Washer Head (M6 x 16mm)
					821-6002-03	89	Sets With 3 Pole Circuit Breakers
	320-1699-30	1	Frame Size CM1250		821-6002-03	81	Sets With 4 Pole Circuit Breakers
	320-1699-29	1	Frame Size CM1600				
	320-1699-31	1	Frame Size CM2000				
3			Screw, Cap – Hex Head (M10 x 40mm)	* – Parts Included In 300-4480-01 Neutral Bar Assembly			
	800-2089	9	Sets With 3 Pole Circuit Breakers	Continued...			
	800-2089	12	Sets With 4 Pole Circuit Breakers				

Circuit Breaker Non-UL Listed



Circuit Breaker Non-UL Listed

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...							
23			Stripping, Weather – Bulk (Order By The Foot)	35	508–1109	–	Edging – Bulk (Order By The Foot – 3 Feet Required)
	895–0182	–	Sets With 3 Pole Circuit Breakers (4 Feet Required)				The following four hardware items are used to fasten the load leads to the generator.
	895–0182	–	Sets With 4 Pole Circuit Breakers (6 Feet Required)	36	800–2116	24	Screw, Cap – Hex Head (M12 x 50mm)
24			Brace, Cover (Vertical)	37	860–2010	24	Nut, Hex (M12)
	319–3286	2	Sets With 3 Pole Circuit Breakers	38	850–2012	24	Washer, Lock – Spring (M12)
	319–3286	1	Sets With 4 Pole Circuit Breakers	39	526–2140	48	Washer, Flat (M12)
25	319–3288	2	Brace, Cover (Horizontal)	40			Label, Marker (10 Characters Per Card) (Quantity Used As Required)
26			Bar, Bus (T-Bar) (Includes Mounting Hardware)		098–5854–06	3	Marked “L”
	337–2789	4	Sets With Frame Size CM1250 and CM1600 Circuit Breakers		098–5854–06	4	Sets With 3 Pole Circuit Breakers
	337–2789	1	Sets With Frame Size CM2000 Circuit Breakers		098–5854–07	1	Sets With 4 Pole Circuit Breakers
27	821–2035	5	Screw, Self-Locking – Hex Washer Head (M6 x 25mm)		098–5854–08	1	Marked “1”
28	332–2001	1	Lug, Solderless		098–5854–09	1	Marked “2”
29	856–0010	1	Washer, Lock – EIT (3/8”)		098–5854–10	1	Marked “3”
30	526–2120	1	Washer, Flat (M10)				Marked “0” (Sets With 4 Pole Circuit Breakers)
31	850–2010	1	Washer, Lock – Spring (M10)	41	850–2008	4	Washer, Lock – Spring (M8)
32	800–2086	1	Screw, Cap – Hex Head (M10 x 25mm)	42	526–2100	4	Washer, Flat (M8)
33	800–2063	4	Screw, Cap – Hex Head (M8 x 50mm)	43	850–2010	9	Washer, Lock – Spring (M10)
34	226–4406–08	1	Lead – Circuit Breaker (Quantity Used As Required) 36” (Without Markings) (#1/0 Wire)		850–2010	12	Sets With 3 Pole Circuit Breakers
							Sets With 4 Pole Circuit Breakers

* – Parts Included In 300–4480–01 Neutral Bar Assembly

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Onan Corporation
1400 73rd Avenue N.E.
Minneapolis, MN 55432
612-574-5000
Telex: 275477
Fax: 612-574-8087

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