

Parts Catalog

Models

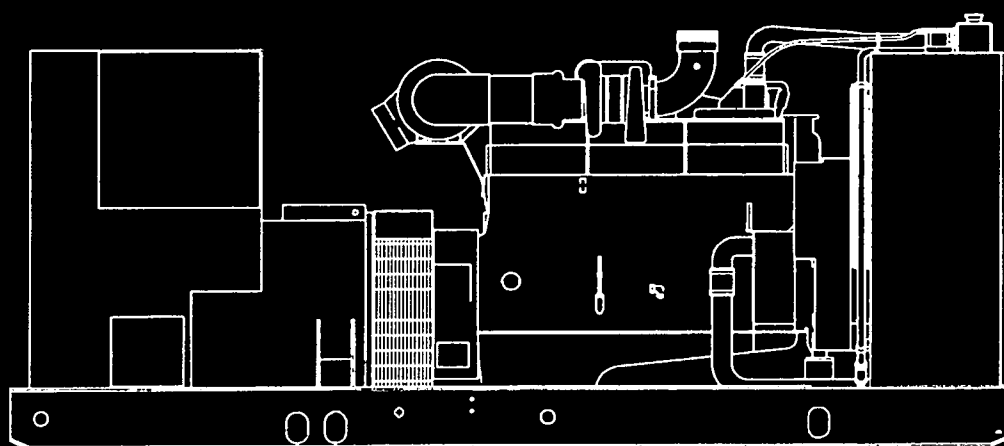
DFBF Spec Y

DFCB Spec Y

DFCC Spec Y

DFCE Spec H

GENERATOR SET



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 DFBF, DFCB, DFCC and DFCE 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 Power Generation Generator Model	Cummins Power Generation Engine Model
DFBF	NT 855-G6
DFCB	NTA 855-G2
DFCC 50 Hertz DFCC 60 Hertz	NTA 855-G4 NTA 855-G3
DFCE 50 Hertz DFCE 60 Hertz	NTA 855-G6 NTA 855-G5

Generator Set Data Table

Model and Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
250DFBF/*+	250,000	#	50	12	3	24VDC
275DFBF/*+	275,000	#	60	12	3	24VDC
275DFCB/*+	275,000	#	50	12	3	24VDC
300DFCB/*+	300,000	#	60	12	3	24VDC
310DFCC/*+	310,000	#	50	12	3	24VDC
350DFCC/*+	350,000	#	60	12	3	24VDC
330DFCE/*	330,000	#	50	12	3	24VDC
400DFCE/*	400,000	#	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.

+ – Note: Specification letter "G" was not used with these models

– Broad range reconnectable

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Abbreviations

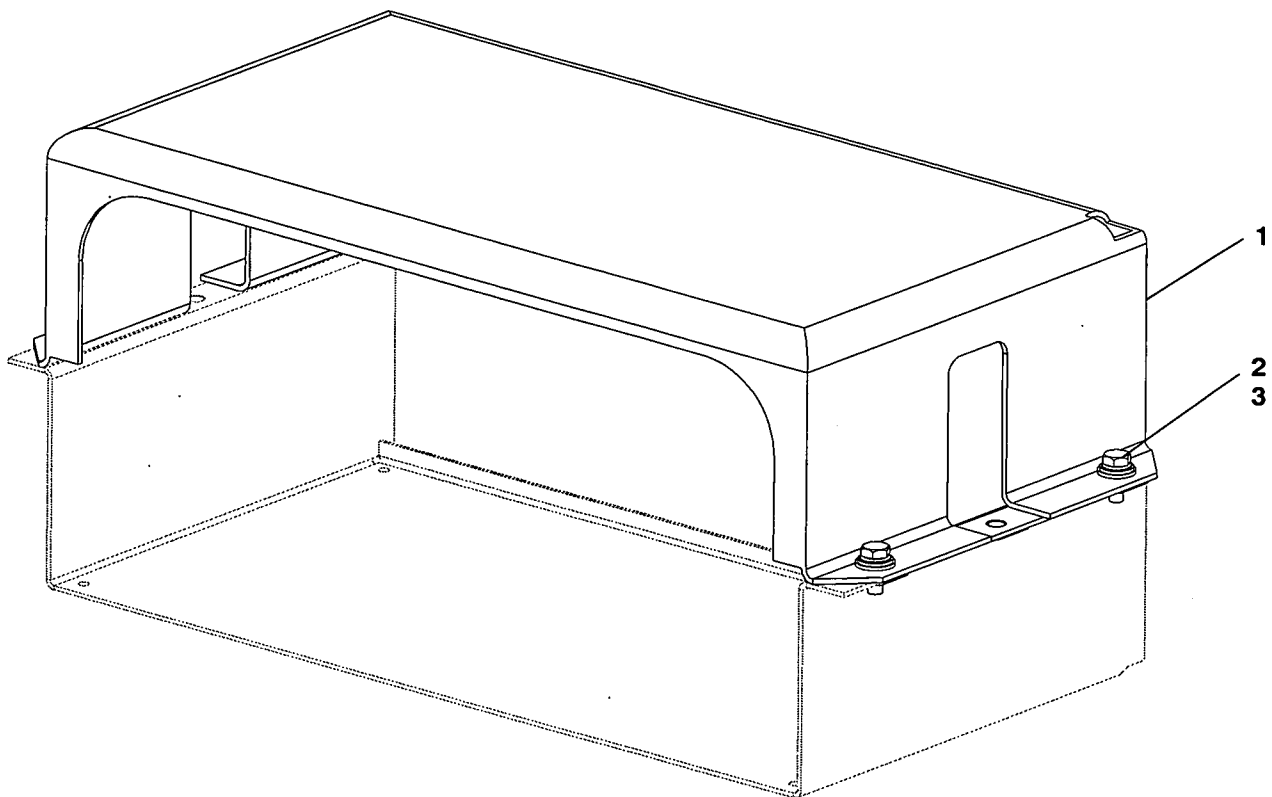
Some of the following abbreviations may be used throughout this Parts Catalog:

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)				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)

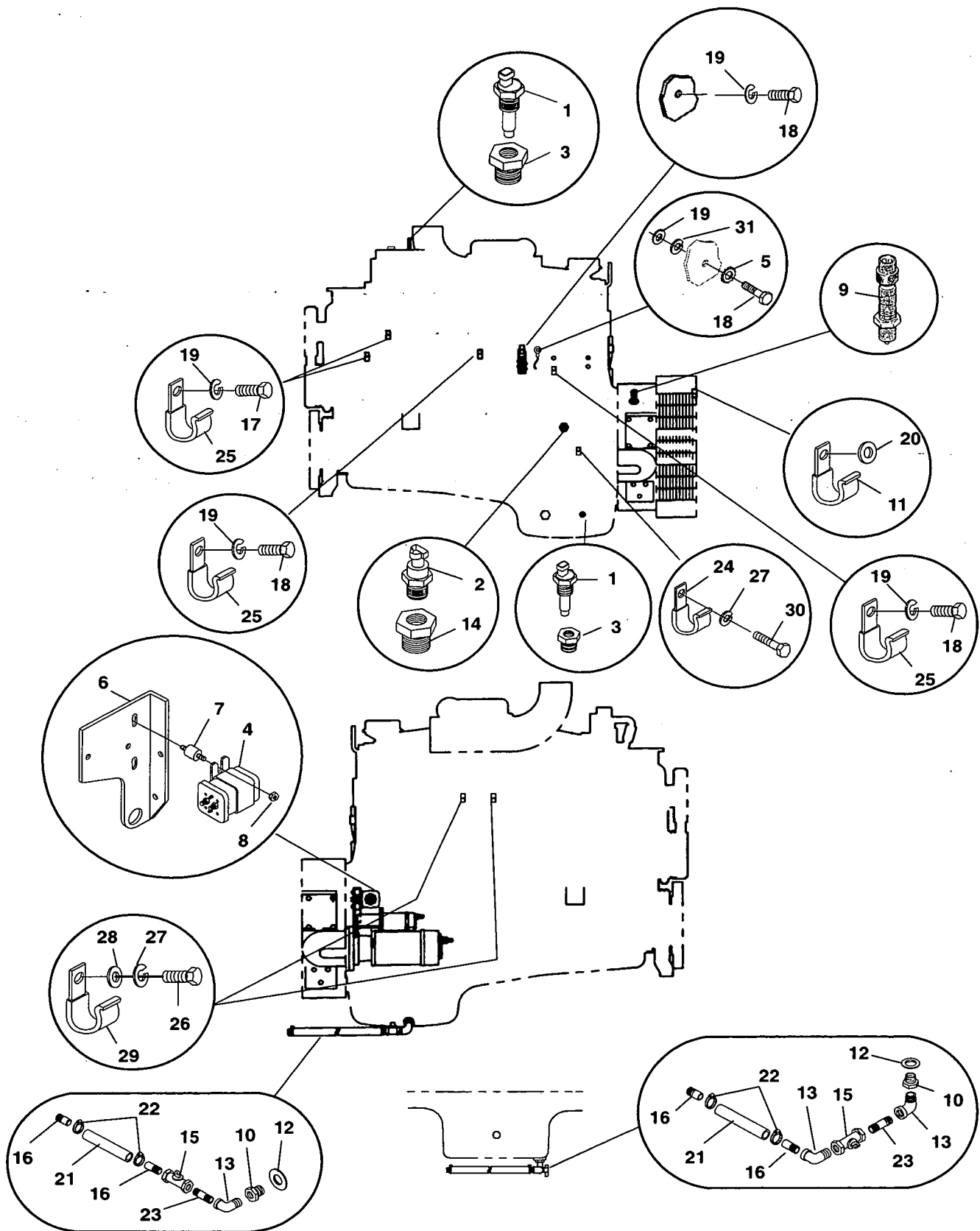
Battery Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	416-1068	1	Cover, Battery Tray
2	526-0399-42	4	Washer, Flat

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	821-5004-02	4	Screw, Hex Head (3/8-16 x .75)

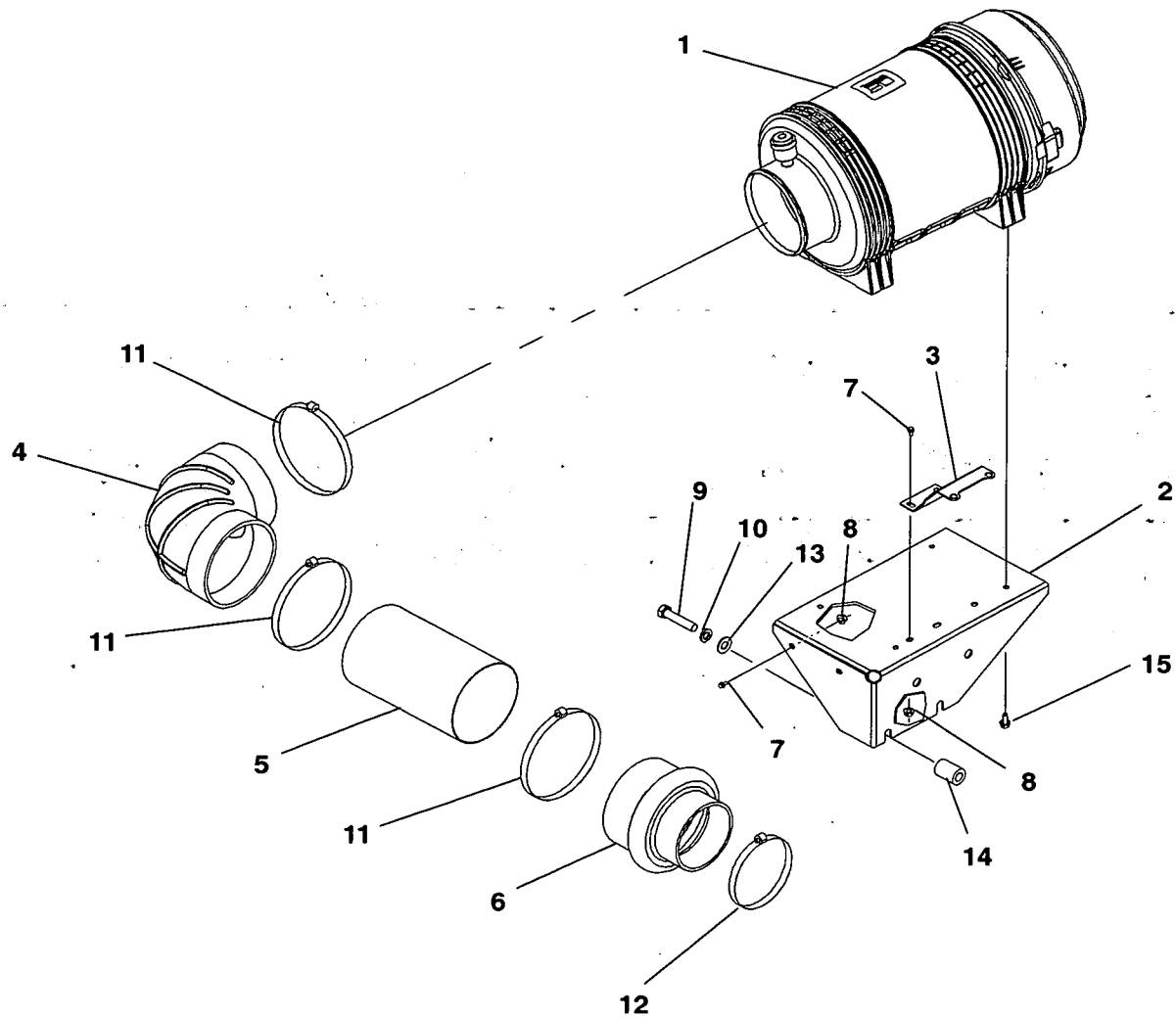
External Engine Parts



External Engine Parts

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0529-01	1	Sensor, Temperature	17	800-0048	2	Screw, Cap – Hex Head (3/8-16 x 3/4")
2	193-0444	1	Sender, Oil Pressure (S1)	18	801-0048	3	Screw, Cap – Hex Head (3/8-24 x 3/4")
3	505-0019	1	Bushing, Pipe – Reducer DFBF (1/2" to 3/8")	19	850-0050	6	Washer, Lock – Spring (3/8")
	505-0131	1	DFCB, DFCC, DFCE (3/4" to 3/8")	20	526-0018	1	Washer, Flat (1/4")
4	307-2621-02	1	Solenoid, Pilot	21	503-0098	–	Hose, Oil Drain – Bulk (3/4" ID) (Order By The Foot – 3 Feet Required)
5	856-0010	1	Washer, Lock – EIT (3/8")	22	503-0189	2	Clamp, Hose
6	319-2236	1	Bracket, Mounting	23	505-0100	1	Nipple, Pipe – Close (1/2")
7	402-0610	2	Isolator, Vibration	24	518-0548-19	1	Clamp, Hose
8	870-0212	4	Nut, Locking (1/4-20)	25	518-0548-35	4	Clamp, Hose
9	151-0411	1	Pickup, Magnetic (P1)	26	800-0092	2	Screw, Cap – Hex Head (1/2-13 x 1.5)
10	102-1335	1	Plug, Oil Drain	27	850-0060	3	Washer, Lock (1/2)
11	518-0548-44	1	Clamp, Hose	28	526-0219	2	Washer, Flat (1/2)
12	508-0292	1	Washer, Sealing – Copper	29	518-0548-20	2	Clamp, Hose
13			Elbow, Pipe – Street – 90 Deg (1/2")	30	800-0090	1	Screw, Cap – Hex Head (1/2-13 x 1.0)
	505-0050	1	DFBF, DFCB, DFCC	31	526-0029	1	Washer, Flat (3/8)
	505-0050	2	DFCE				
14	505-1503	1	Adapter, Pipe (1/8")				
15	504-0011	1	Valve, Shutoff (1/2")				
16	502-0827	2	Hose, Barb (1/2 x 3/4)				

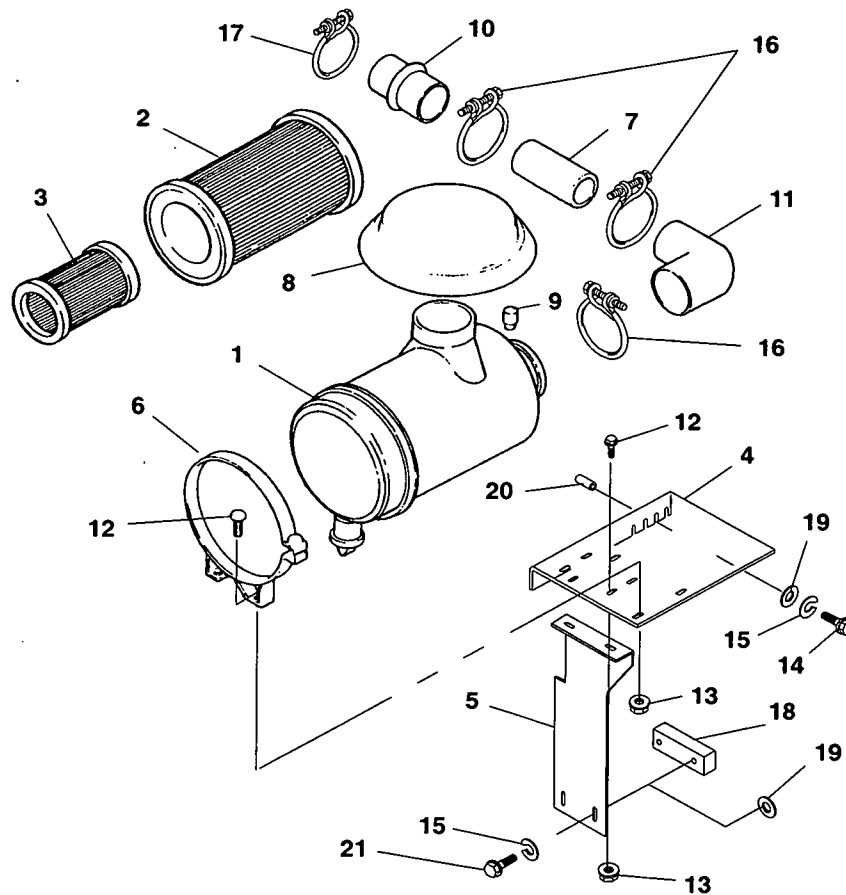
Air Cleaner Standard



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3288-02	1	Housing, Air Cleaner
2	140-3336-02	1	Bracket, Air Cleaner
3	140-3339-02	1	Bracket, Air Cleaner
4	503-0970	1	Elbow, Hose - 90°
5	140-3360-02	1	Tube, Air Cleaner - Inlet
6	503-1675	1	Hose, Reducer
7	821-6004-01	4	Screw, Hex Head (M10 x 1.5 x 20)
8	870-2065-04	4	Nut, Hex - Flange (M10 x 1.5)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	801-0124	2	Screw, Cap - Hex Head (5/8-18 x 3.25)
10	850-0070	2	Washer, Lock (5/8)
11	503-1870-14	3	Clamp, Hose
12	503-1870-11	1	Clamp, Hose
13	526-0112	2	Washer, Flat (5/8)
14	403-4115-01	2	Spacer, Steel
15	821-6003-02	4	Screw, Hex Head (M8 x 1.25 x 20)

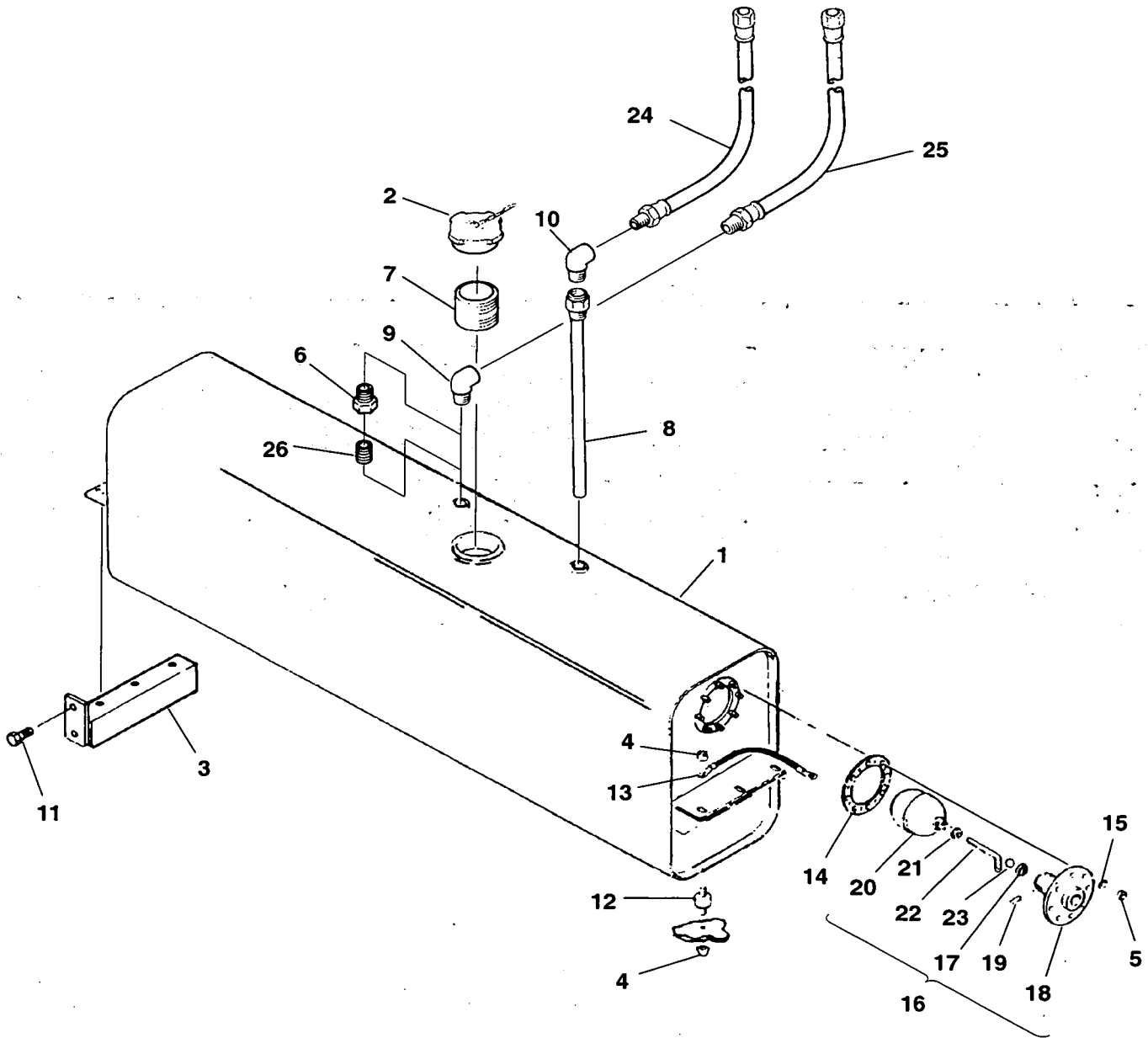
**Air Cleaner
Heavy Duty
DFBF, DFCB, DFCC**



D036

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-2390	1	Cleaner, Air (Includes Elements)	13	870-0550-09	6	Nut, Hex - Flange Head (3/8-16)
2	140-2392	1	Element (Outer)	14	801-0124	2	Screw, Cap - Hex Head (5/8-18 x 3-1/4")
3	140-2393	1	Element (Inner)	15	850-0070	4	Washer, Lock - Spring (5/8")
4	140-3102	1	Bracket, Mounting	16	503-1870-14	3	Clamp, Hose
5	140-3103	1	Bracket, Mounting	17	503-1870-11	1	Clamp, Hose
6	140-2052	2	Band, Mounting	18	140-2388	1	Spacer, Mounting (Used Without Optional Starting Aid)
7	140-2395	1	Tube, Air Inlet (7" OD x 11-1/2")	19	526-0112	4	Washer, Flat (5/8") (Used With Optional Starting Aid)
8	140-1545	1	Hood, Air Cleaner	20	403-4115-01	2	Spacer, Mounting
9	140-1548	1	Indicator, Service	21	800-0132	2	Screw, Cap - Hex Head (5/8-11 x 1-1/2")
10	503-1675	1	Hose, Reducer (7" ID x 5-1/2" ID)				
11	503-0970	1	Elbow, Hose - 90 Deg (7" ID)				
12	821-5004-02	6	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")				

Day Tank Without Pump and Control

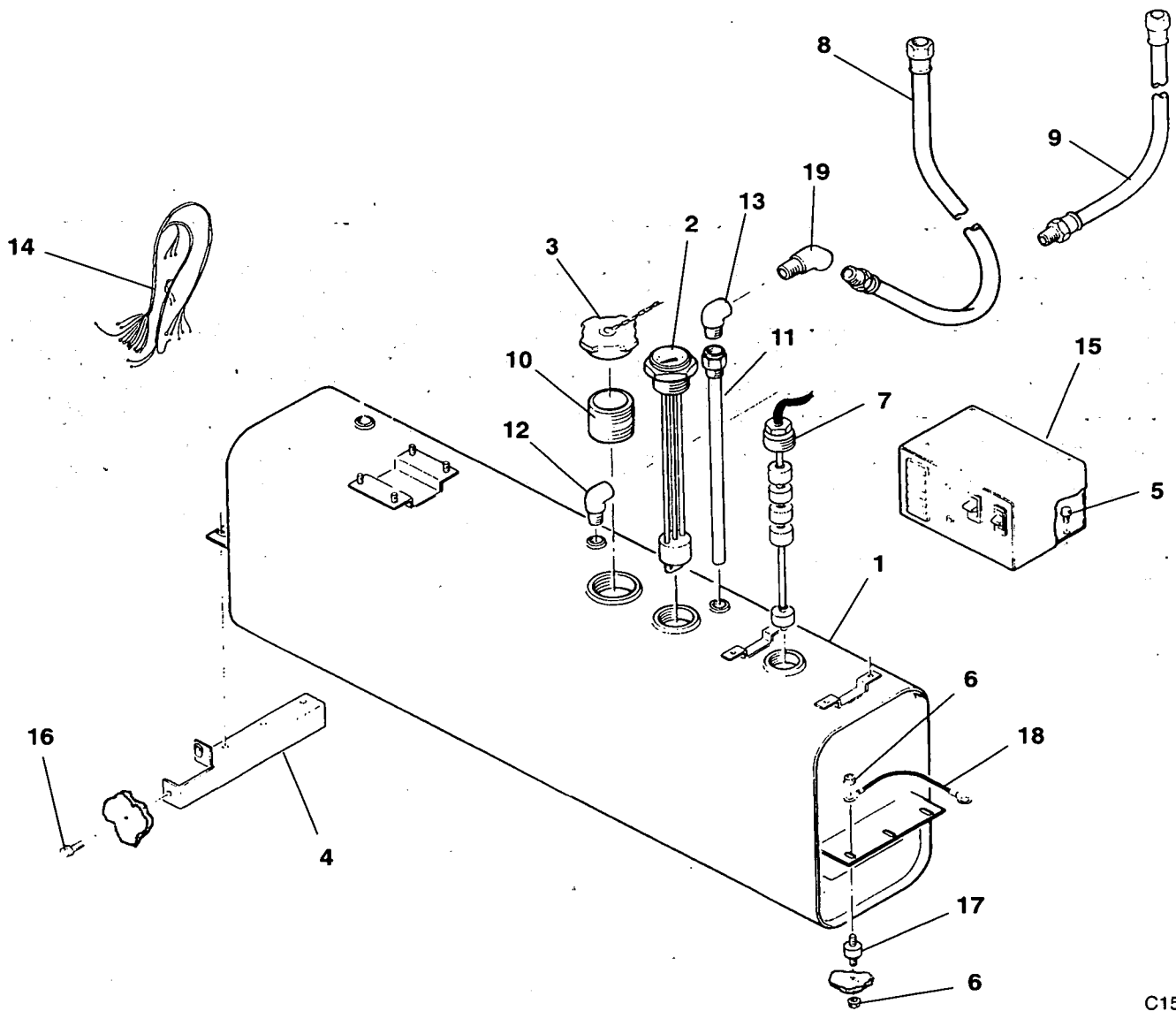


Day Tank Without Pump and Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Tank, Day	13	337-2402	1	Cable, Ground (5-1/2")
	415-0648	1	11.8 Gallon	14	415-0660	1	Gasket
	415-0649-01	1	25.7 Gallon	15	526-0008	8	Washer, Flat (#10)
2	159-1208-01	1	Cap, Fuel	16	415-0657	1	Valve Assembly, Float (Includes Parts Marked *)
3	159-1469	1	Bracket, Mounting				
4			Nut, Locking - Hex Head (1/4-20)	17	415-0656-21	1	* Seal, Ring
	870-0212	8	Used With 11.8 Gallon Tank	18	415-0650-01	1	* Body, Valve
	870-0212	12	Used With 25.7 Gallon Tank	19	415-0651-19	1	* Pin, Roll
5	870-0131	8	Nut, Hex - W/ET (#10-32)	20	415-0652	1	* Ball, Float
6	505-0395	1	Bushing, Pipe - Reducer (3/8" to 1/8") Used With 8 Gallon Tank	21	864-0011	1	* Nut, Jam (1/4-20)
7	505-0172	1	Nipple, Pipe - Close (2")	22	415-0654	1	* Arm, Float
8	415-0566-05	1	Pipe, Suction	23	415-0655	1	* Ball, Steel
9	505-0039	1	Elbow - 90° (3/8") Used With 11.8 Gallon Tank	24	501-0751	1	Line, Fuel - Flexible - Fuel Supply
10	505-0050	1	Elbow, Street - 90° (1/2")	25	501-0752-02	1	Line, Fuel - Flexible - Fuel Return
11	821-5003-03	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")	26	505-0098	1	Nipple, Pipe - Close (1/8") Used With 11.8 Gallon Tank
12			Isolator, Vibration				
	402-0610	4	Used With 11.8 Gallon Tank				
	402-0610	6	Used With 25.7 Gallon Tank				

* - Parts Included in 415-0657 Float Valve Assembly

Day Tank With Control

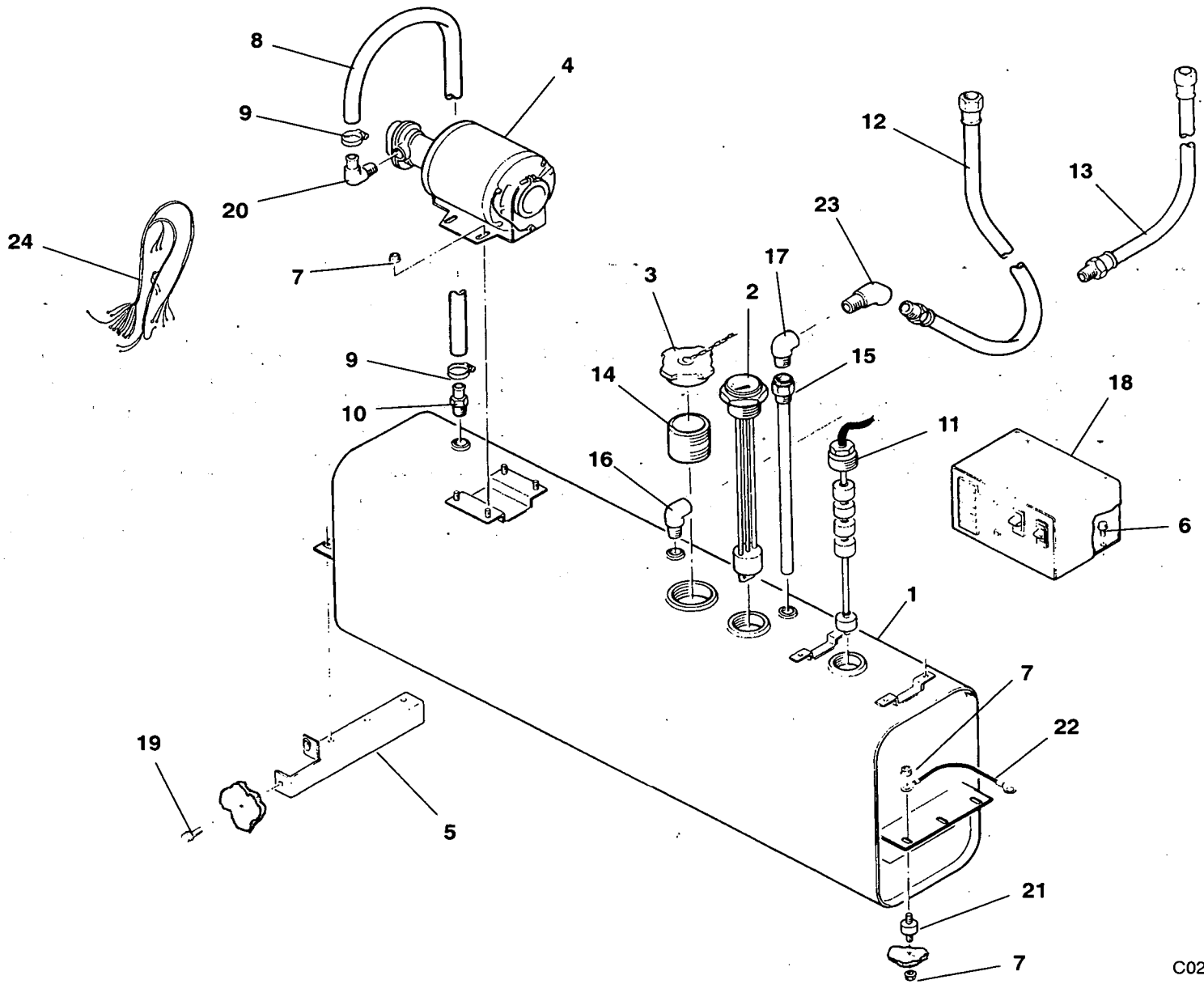


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Day Tank With Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0592-01	1	Tank, Day - 25.7 Gallon (45" Long x 9-1/2" Wide x 15" High)	11	415-0566-05	1	Pipe, Suction
2	415-0565-05	1	Gauge, Liquid Level	12	505-0120	1	Elbow, Pipe - Street (90°) (3/8")
3	159-1208	1	Cap, Fuel	13	505-0050	1	Elbow, Pipe - Street (90°) (1/2")
4	159-1469	1	Bracket, Mounting	14	338-2442	1	Harness, Wiring - Day Tank Control to Starter (2 Wire, 45") (TB1 to B1, GND)
5	821-5002-04	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")	15	625-2141-01	1	Control Assembly, Day Tank (See Separate Page For Components)
6	870-0212	12	Nut, Locking - Hex Head (1/4-20)	16	821-5003-03	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")
7	308-0913-01	1	Switch - 5 Float	17	402-0610	6	Isolator, Vibration
8	501-0751	1	Line, Fuel - Flexible (Fuel Supply)	18	337-2402	1	Cable, Ground (5-1/2")
9	501-0752-02	1	Line, Fuel - Flexible (Fuel Return)	19	505-0248	1	Elbow, Pipe - Street (45°) (1/2")
10	505-0172	1	Nipple, Pipe - Close (2")				

Day Tank With Pump and Control

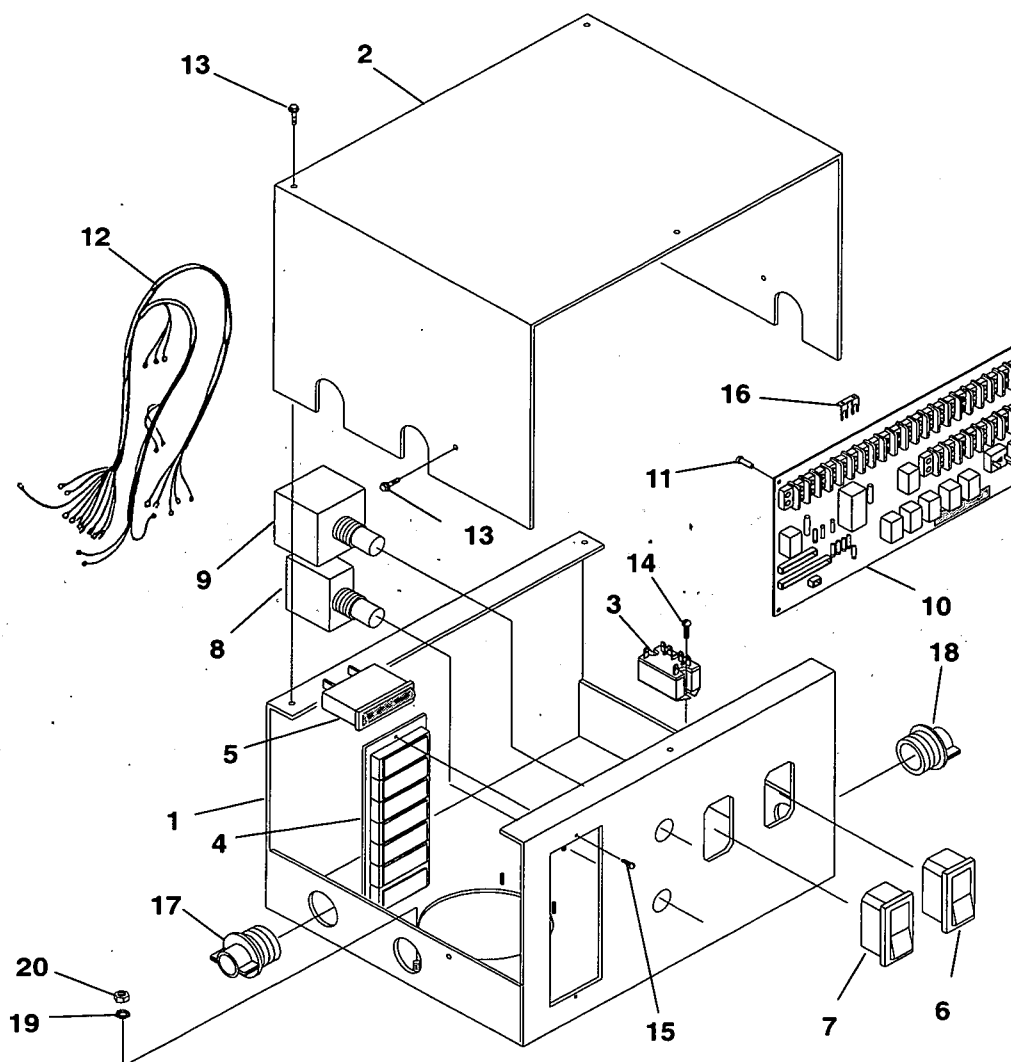


C024

Day Tank With Pump and Control

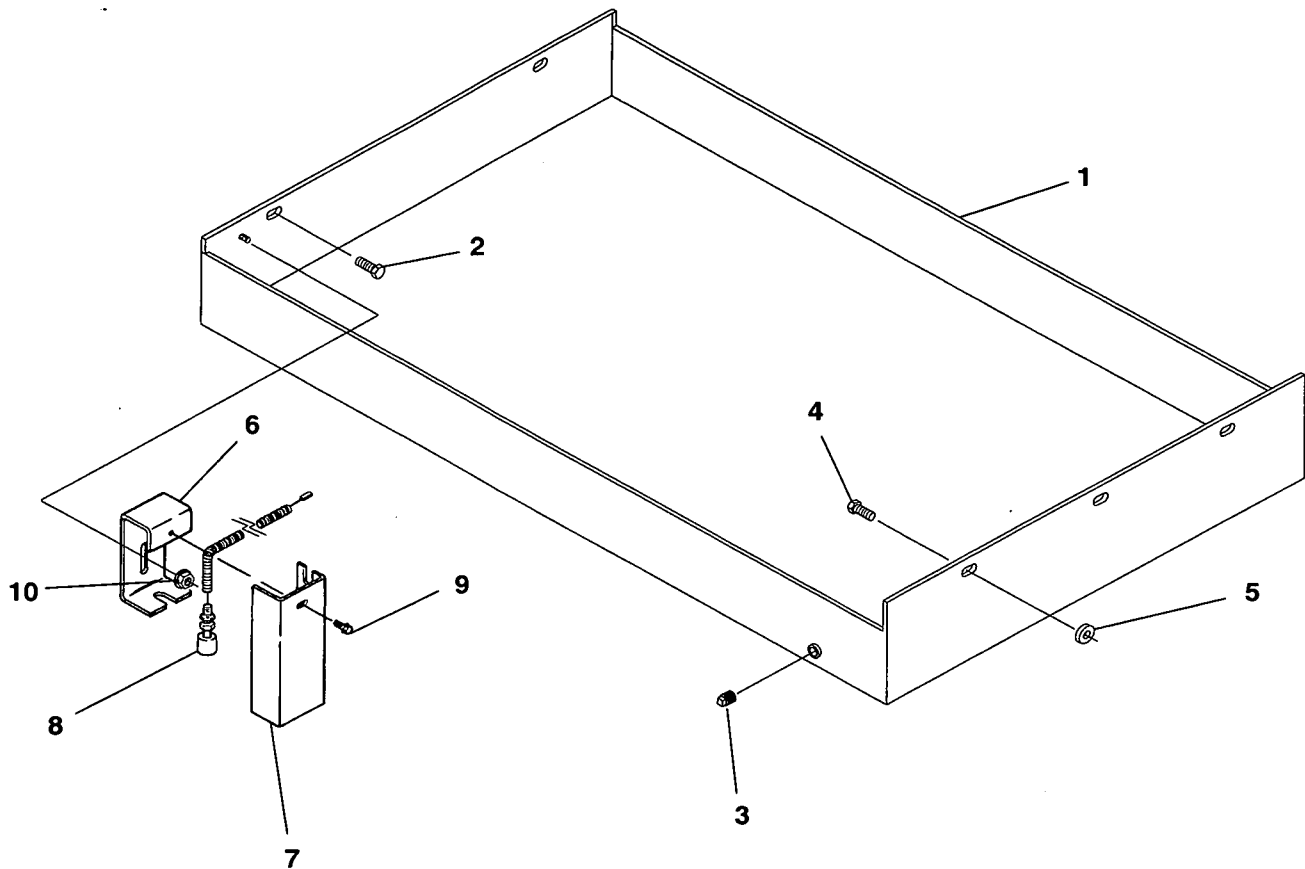
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0592-01		Tank, Day	12	501-0751	1	Line, Fuel – Flexible (Fuel Supply)
2	415-0565-05	1	Gauge, Liquid Level	13	501-0752-02	1	Line, Fuel – Flexible (Fuel Return)
3	159-1208	1	Cap, Fuel	14	505-0172	1	Nipple, Pipe – Close (2")
4	399-0117	1	Pump, Fuel Transfer (Includes Coupler) (P103)	15	415-0566-05	1	Pipe, Suction
	399-0121	1	Kit, Repair – Day Tank Pump (Includes Lip Seal, Bearings, Gasket, Drive Gear, Idle Gear and Coupler) (Not Illustrated)	16	505-0120	1	Elbow, Pipe – Street (90°) (3/8")
	399-0122	1	Coupler, Pump (Drive Piece Between Motor and Pump) (Not Illustrated)	17	505-0050	1	Elbow, Pipe – Street (90°) (1/2")
	399-0123	1	Pump (Not Illustrated)	18	625-2141-01	1	Control Assembly, Day Tank (See Separate Page For Components)
	399-0124	1	Motor (Not Illustrated)	19	821-5003-03	2	Screw, Self-Locking – Hex Washer Head (5/16–18 x 3/4")
5	159-1469	1	Bracket, Mounting	20	502-0942	1	Elbow, Hose – Brass (90°) (5/8" ID Hose x 3/8" Pipe)
6	821-5002-04	4	Screw, Self-Locking – Hex Washer Head (1/4–20 x 5/8")	21	402-0610	6	Isolator, Vibration
7	870-0212	16	Nut, Locking – Hex Flange Head (1/4–20)	22	337-2402	1	Cable, Ground (5–1/2")
8	503-1660-04	1	Hose, Fuel (5/8" ID x 18")	23	505-0248	1	Elbow, Pipe – Street (45°) (1/2")
9	503-0183	2	Clamp, Hose	24			Harness, Wiring
10	502-0943	1	Connector, Hose		338-2442	1	Day Tank Control to Starter (2 Wire, 45") (TB1 to B1, GND)
11	308-0913-01	1	Switch – 5 Float		338-2397	1	Day Tank Control to Fuel Transfer Pump (5 Wire, 40") (P103 to TB1)

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	319-0486	1	Box, Control	11	870-0458	4	Spacer, Board - Printed Circuit
2	319-0485	1	Cover, Box	12	338-2382	1	Harness, Wiring - Control Box
3	307-2677-02	1	Relay, Pump (K130)	13	815-0350	5	Screw, Self-Tapping - Slotted Hex Washer Head (#10-32 x 3/8")
4	322-0403-02	1	Light, Assembly, Indicator - 7 Light (Includes Wiring Harness)	14	812-0075	2	Screw, Machine - Round Head (#8-32 x 1/4")
5	322-0369-02	1	Lamp, Indicator - Replacement	15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")
6	308-0912	1	Switch, Rocker (On/Off/ Emergency Run) (S102)	16	332-2605	2	Jumper, Terminal
7	308-0852	1	Switch, Rocker (Reset/Off/Test) (S111)	17	331-0027	2	Connector, Romex
8	320-1653	1	Breaker, Circuit - DC (Single Pole) (CB107)	18	331-0042	1	Connector, Knockout
9	320-1654	1	Breaker, Circuit - AC (Double Pole) (CB101)	19	856-0002	1	Washer, Lock - EIT (#8) Grounding Stud
				20	860-0008	1	Nut, Hex (#8-32) Grounding Stud

Rupture Basin

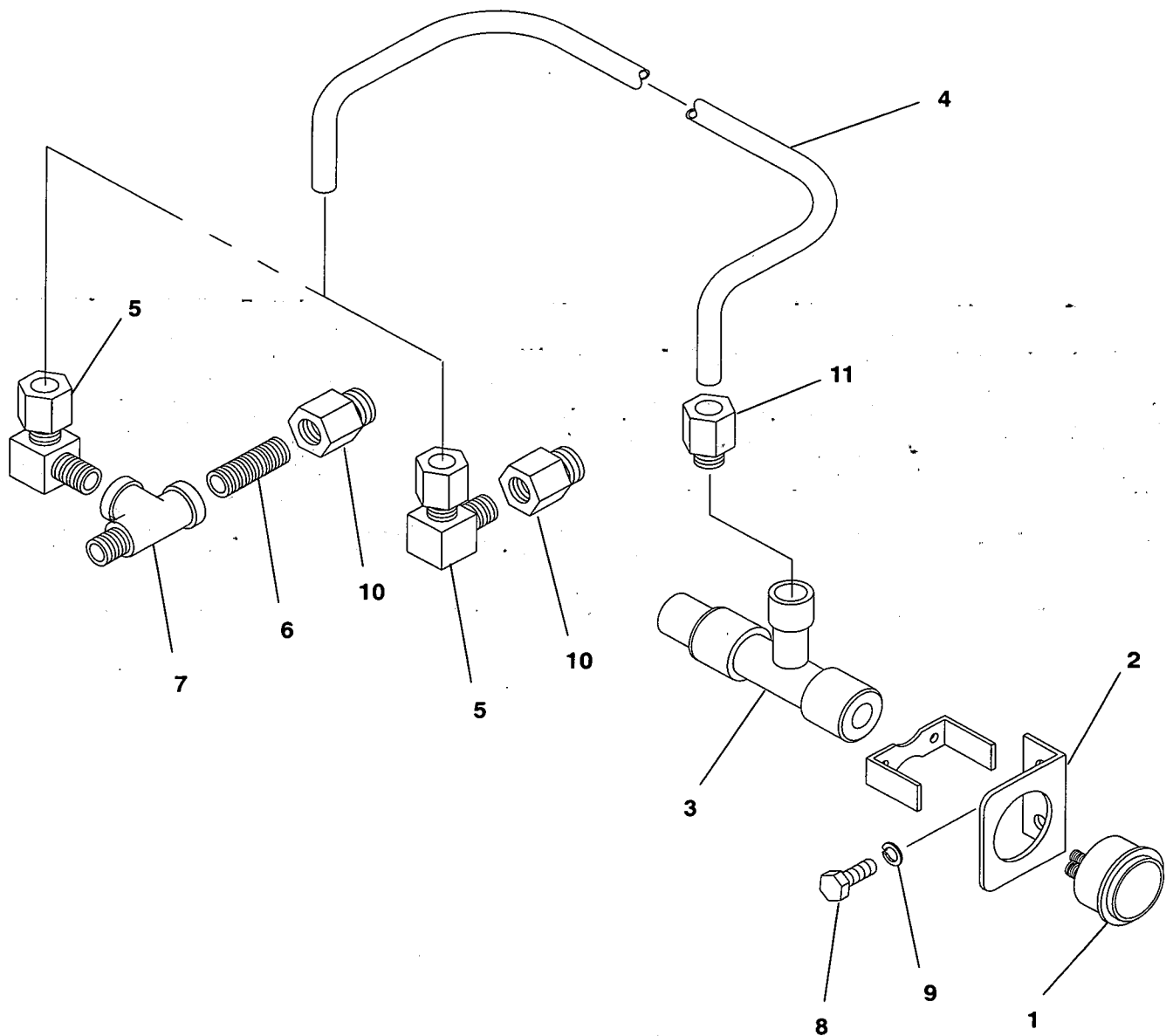


C142

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	159-1470	1	Basin, Rupture	7	319-0489	1	*Cover, Switch
2	815-0236	2	Screw, Cap - Hex Head - Thread Forming (5/16-18 x 5/8")	8	308-1074	1	*Switch, Float - Basin
3	505-0055	1	Plug, Pipe - Square Head (1/4")	9	821-0010	1	*Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")
4	815-0836	3	Screw, Cap - Hex Head - Thread Forming (5/16-18 x 1-1/2")	10	870-0212	1	*Nut, Locking - Hex Flange (1/4-20)
5	130-3660-01	3	Spacer				
6	319-0490	1	*Bracket, Mounting				

* - Not Used On All Models

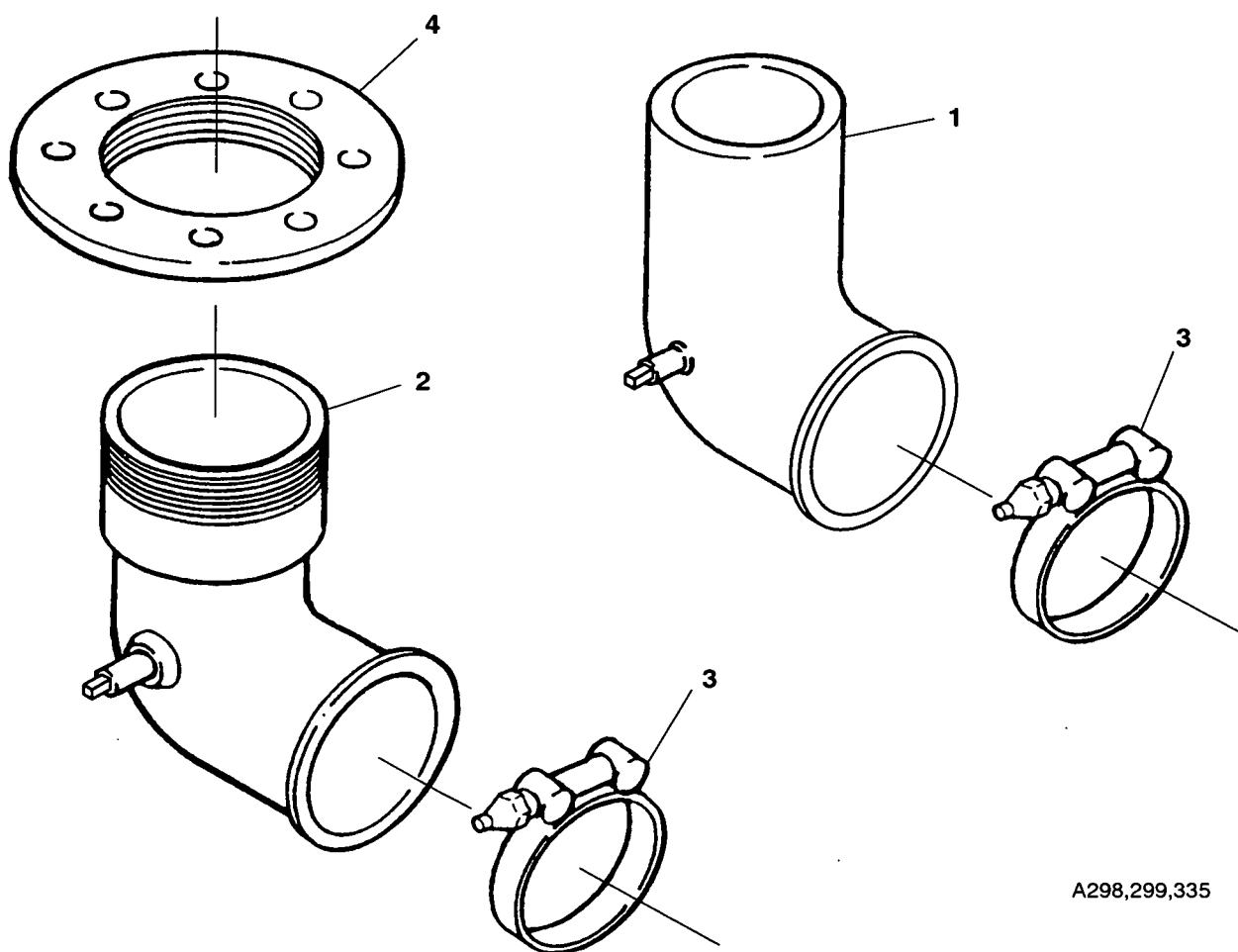
Fuel Pressure Gauge



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	370-4003	1	Tube, Copper (7')
5	502-0034	1	Elbow, Compression - 90 Deg (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)

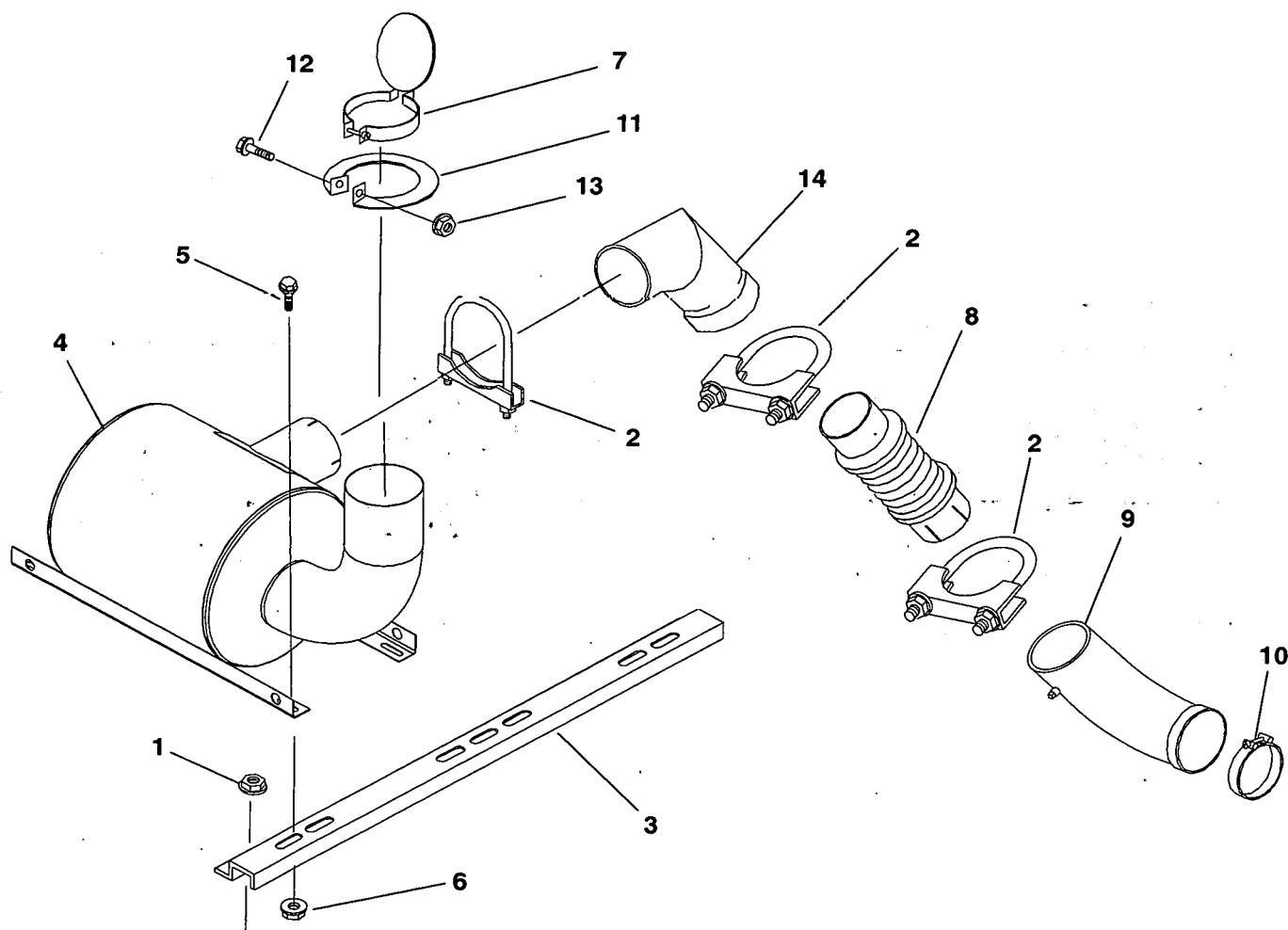
Exhaust Elbow



A298,299,335

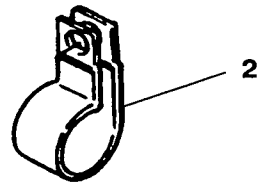
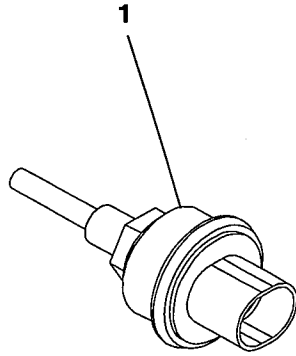
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-1241	1	Elbow, Exhaust (5" OD Without Threads)	3	503-1575	1	Clamp, V-Band
2	155-2409	1	Elbow, Exhaust (5" OD With Threads)	4	155-0658	1	Flange, Companion (5") (Not Use On All Models)

Muffler



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0257	4	Nut, Hex - Locking (5/16-18)	9	155-1241	1	Elbow, Exhaust
2	155-2159	3	Clamp, Muffler	10	503-1575	1	Clamp, V-Band
3	155-3159	2	Bracket, Mounting	11	155-3139	1	Shield, Rain
4	155-3540	1	Muffler	12	821-5000-05	1	Screw, Cap - Hex Head - With Captive Washer (#10-32 x 1/2")
5	821-0033	4	Screw, Cap - Hex Head (7/16-14 x 3/4")	13	870-0320	1	Nut, Locking (#10-32)
6	870-0437	4	Nut, Hex - Locking (7/16-14)	14	155-3153	1	Elbow, Exhaust
7	155-2062-06	1	Cap, Rain				
8	155-3135	1	Tubing, Flexible				

Low Coolant Level Sender

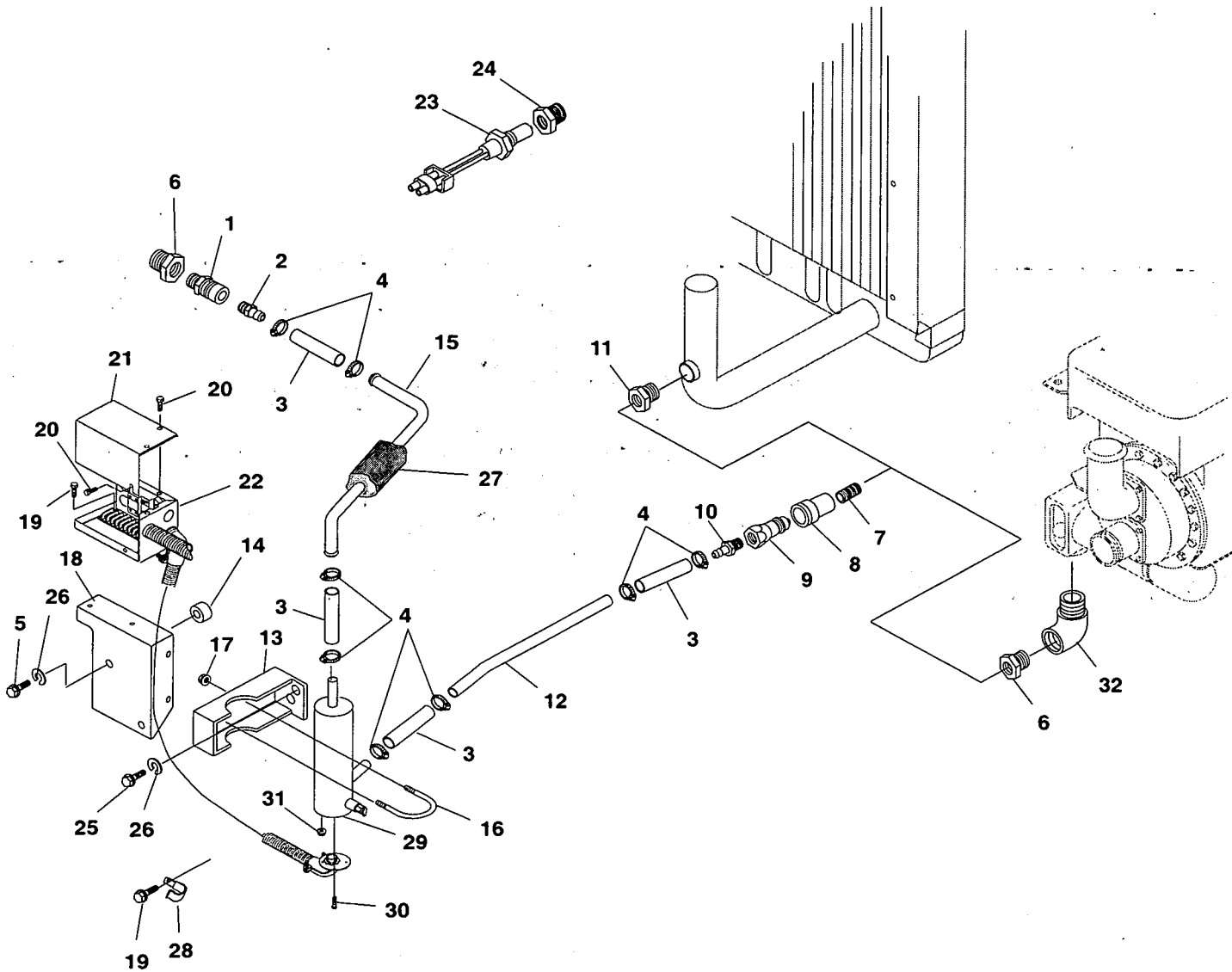


H389,H527

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0468	1	Sender, Low Coolant Level (S7)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	518-0548-08	4	Clamp

Coolant Heater With Radiator or Remote Radiator Cooling

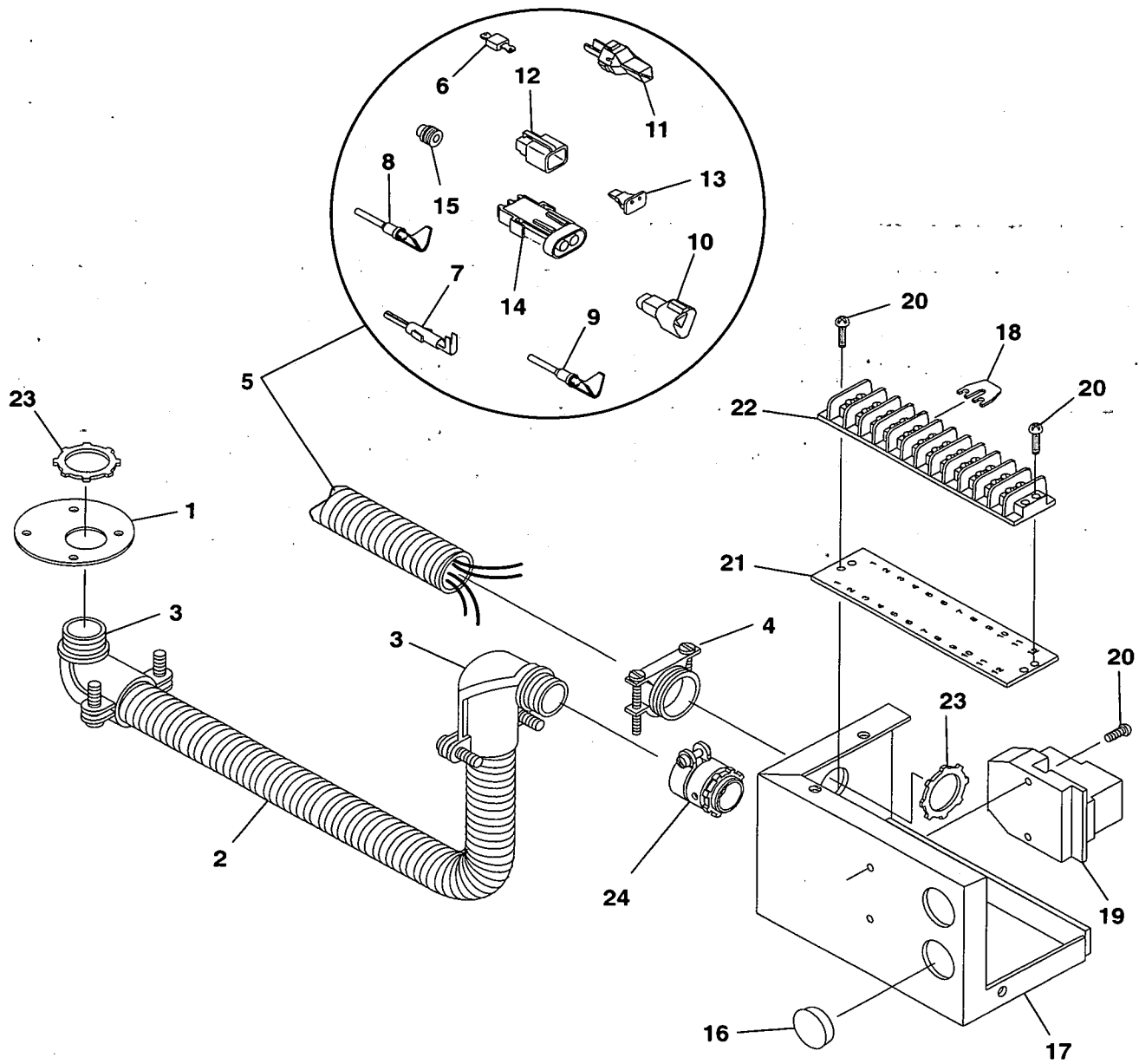


H556,557

Coolant Heater **With Radiator or Remote Radiator Cooling**

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")	17	870-0550-09	2	Nut, Hex Flange (3/8-16)
2	502-1257	1	Connector, Hose Barb (For 3/4" ID Hose)	18	319-4385-02	1	Bracket, Terminal Box
3	503-1634-01	4	Hose, Rubber (3/4" ID x 4")	19	821-5004-02	2	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")
4	503-2157-01	8	Clamp, Hose	20	821-5002-03	4	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")
5	800-0132	2	Screw, Cap - Hex Head (5/8-11 x 1-1/2")	21	319-2815	1	Cover, Control
6			Bushing, Reducer (1" to 1/2")	22	-	1	Control Assembly, Coolant Heater (See Separate Page For Components)
	505-0022	1	Sets With Radiator or Remote Radiator Cooling	23	309-0649	1	Thermostat (S11)
	505-0022	2	Sets With Heat Exchanger Cooling	24	502-1336	1	Bushing, Reducer (1/2" to 3/8")
7	505-0100	1	Nipple, Pipe (1/2")	25	800-0130	2	Screw, Cap - Hex Head (5/8-11 x 1")
8	502-1260	1	Coupler, Coolant Heater	26	850-0070	4	Washer, Lock - Spring (5/8")
9	502-1261	1	Nipple, Coolant Heater (1/2")	27	128-0108	-	Insulation - Bulk (3/4" ID) (Order By The Foot - 2 Feet Required)
10	502-0827	1	Connector, Hose Barb (For 3/4" ID Hose)	28	332-3196	1	Clamp, "J"
11	505-0021	1	Bushing, Reducer (3/4" to 1/2") Sets With Radiator or Remote Radiator Cooling	29			Heater, Coolant (HTR) 4990 Watt
12			Tube, Coolant Heater (Lower)		333-0639-01	1	6420 Watt
	130-4588	1	Sets With Radiator or Remote Radiator Cooling	30	815-0539	3	Screw, Machine - Round Head - Cross Recessed W/IT (#8-32 x 5/8")
	130-4603	1	Sets With Heat Exchanger Cooling	31	870-0131	3	Nut, Hex - W/ET (#10-32)
13	130-4586	1	Bracket, Coolant Heater	32	505-0003	1	Elbow, Pipe - Street (1" x 90°) Sets With Heat Exchanger Cooling
14	370-4040	2	Spacer				
15	130-4587	1	Tube, Coolant Heater (Upper)				
16	155-3021	1	Clamp, Coolant Heater				

Coolant Heater Control **With Radiator or Remote Radiator Cooling**

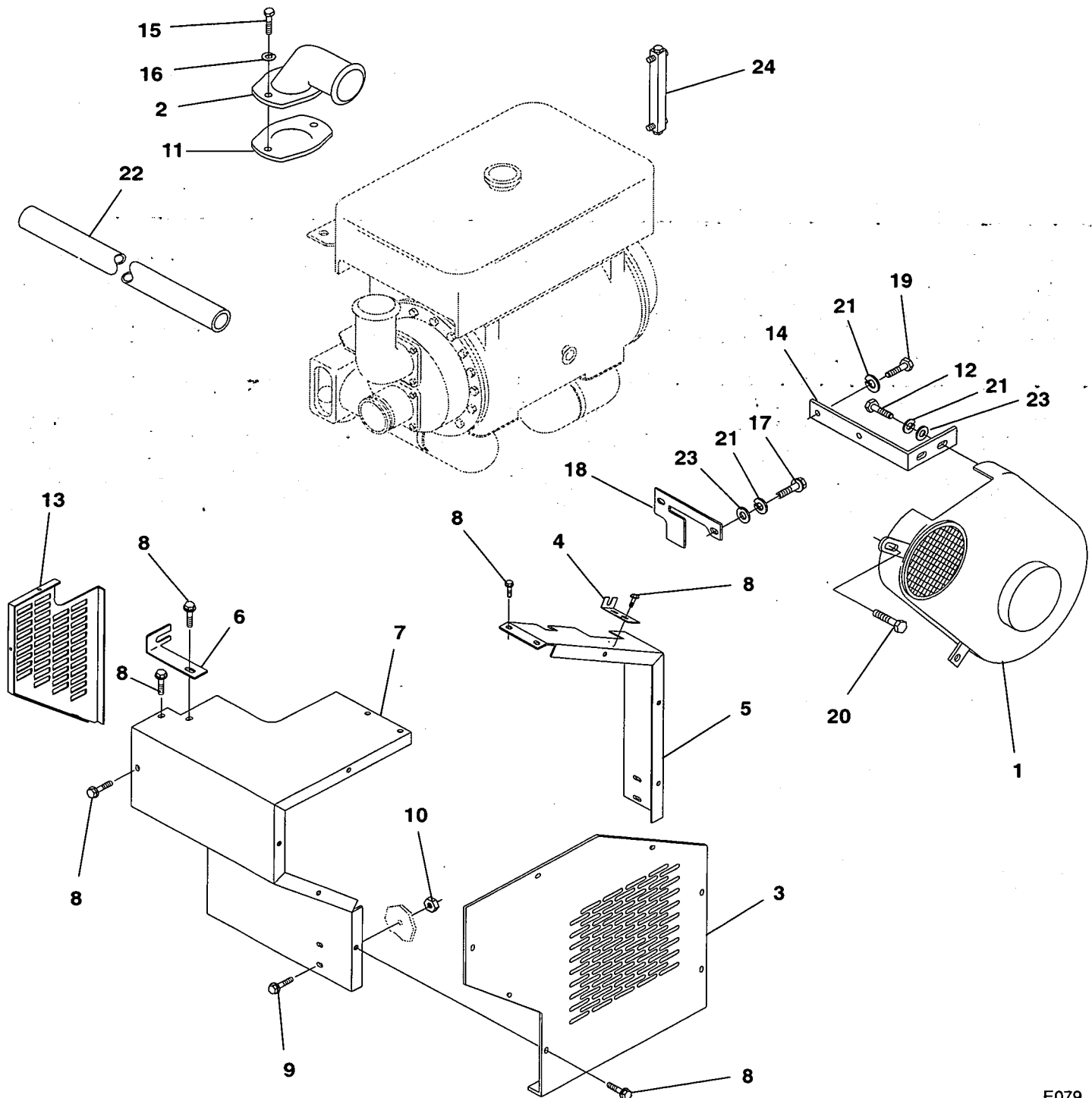


Coolant Heater Control **With Radiator or Remote Radiator Cooling**

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	338-3923-10	1	Harness, Wiring - AC - Coolant Heater (From Coolant Heater Bottom To Coolant Heater Control Box) (Includes Conduit Connectors)	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	338-3992	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 (Used In P11)	17	319-2814	1	Box, Terminal
8	323-1491	3	*Pin, Contact (Used In J3)	18	332-3440	1	Jumper, Terminal
9	323-1492	2	*Socket, Contact (Used In P4)	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 1.0")
				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 338-3992 DC Engine Heater Wiring Harness

Heat Exchanger DFBF, DFCB, DFCC

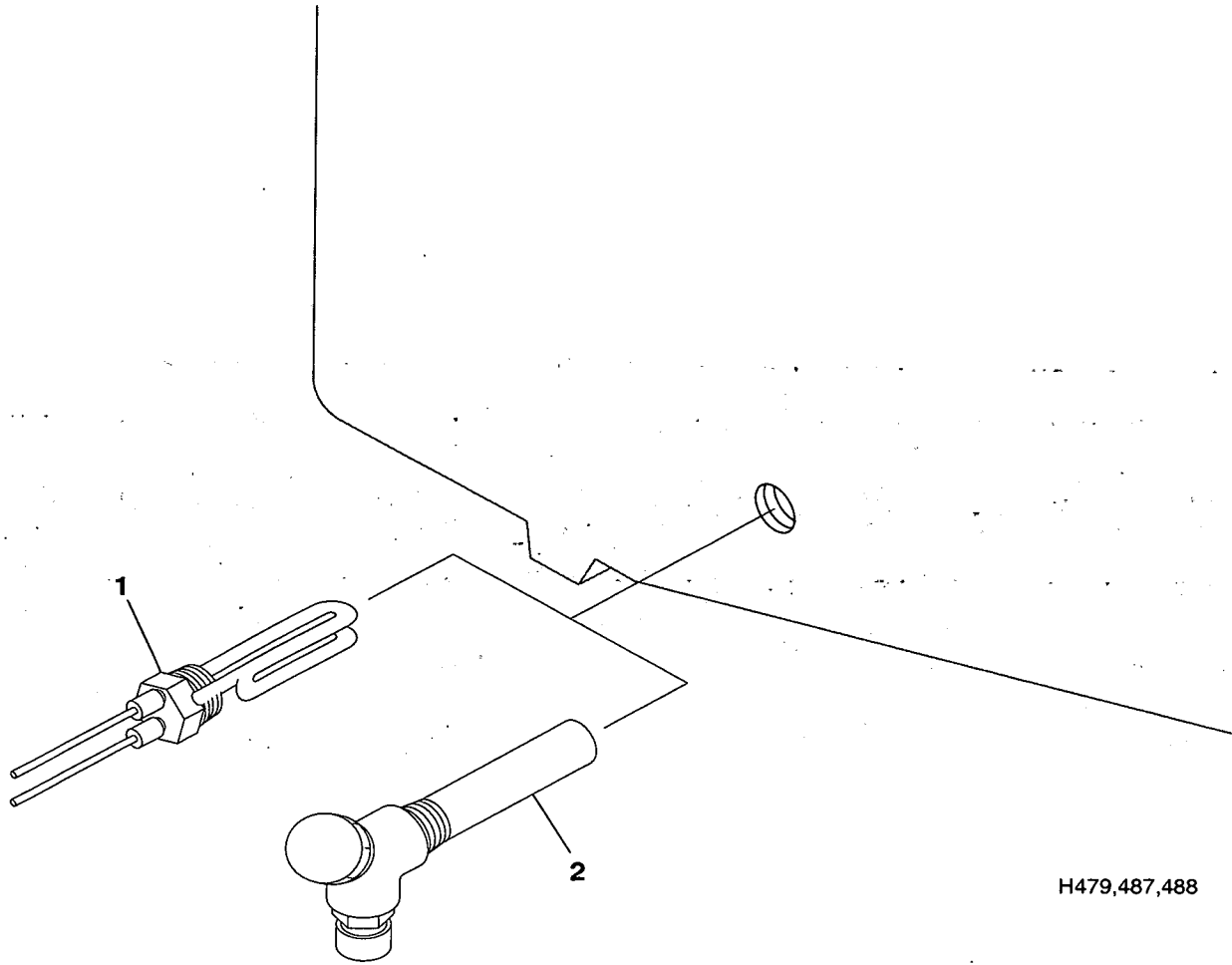


E079

Heat Exchanger DFBF, DFCB, DFCC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3311	1	Guard, Belt	14	130-3310	1	Brace, Belt Guard
2	130-3180	1	Connection, Radiator	15	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")
3	130-4667	1	Plate, Belt Guard	16	850-0050	2	Washer, Lock - Spring (3/8")
4	130-3564	1	Bracket, Belt Guard	17	821-0028	2	Screw, Self-Locking - Hex Washer Head (3/8-16 x 1/2")
5	130-4668	1	Guard, Belt	18	130-4043	1	Plate, Cover
6	130-3563	1	Bracket, Belt Guard	19	800-0209	2	Screw, Cap - Hex Head (3/8-16 x 1")
7	130-4672	1	Guard, Belt	20	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
8	821-5002-03	14	Screw, Self-Locking - Hex Washer Head (1/4-20 x 1/2")	21	850-0103	6	Washer, Lock - Spring (3/8")
9	821-5003-03	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x .75)	22	895-0296	2	Tubing, Glass Fiber (7/8" ID x 20")
10	870-0550-07	2	Nut, Locking - Flange Head (5/16-18)	23	526-0346	4	Washer, Flat (3/8")
11	130-3184	1	Gasket, Connection	24	130-3314-01	1	Gauge, Sight
12	800-0049	2	Screw, Cap - Hex Head (3/8-16 x 7/8")				
13	130-4729	1	Guard, Belt				

Oil Pan Heater

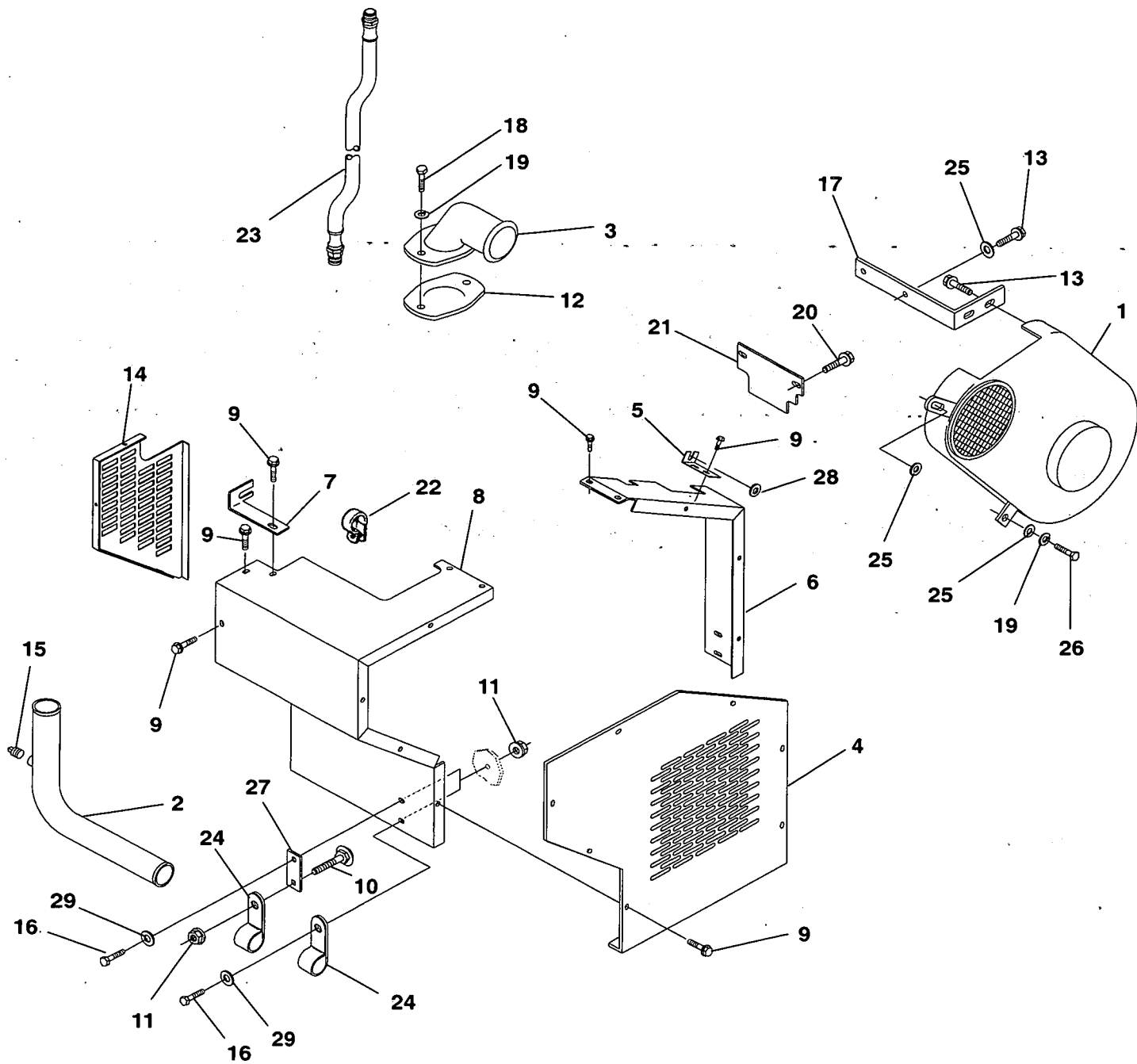


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater, Oil (300 Watt)
	333-0407-02	1	120 Volt
	333-0407-04	1	240 Volt

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

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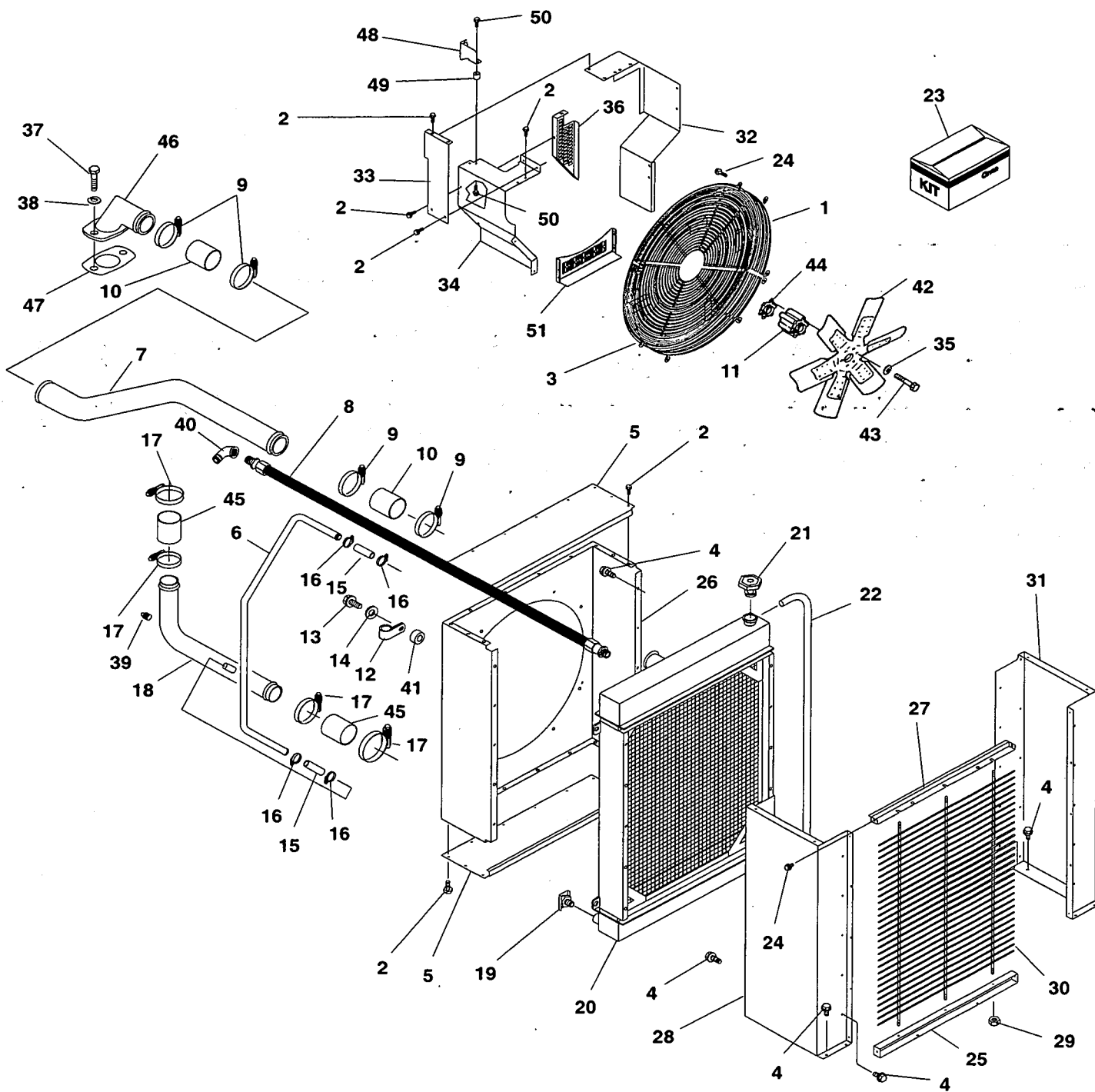
DFBF, DFCB, DFCC



Remote Radiator DFBF, DFCB, DFCC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3311	1	Guard, Belt	16	800-0028	1	Screw, Cap – Hex Head (5/16-18 x 1")
2	130-4280	1	Tube, Outlet	17	130-3310	1	Brace, Belt Guard
3	130-3180	1	Connection, Radiator	18	800-0050	2	Screw, Cap – Hex Head (3/8-16 x 1")
4	130-4667	1	Plate, Belt Guard	19	850-0050	3	Washer, Lock – Spring (3/8")
5	130-3564	1	Bracket, Belt Guard	20	821-5004-01	2	Screw, Self-Locking – Hex Washer Head (3/8-16 x 1/2")
6	130-4668	1	Guard, Belt	21	130-3343	1	Plate, Cover
7	130-3563	1	Bracket, Belt Guard	22	518-0633	1	Clamp, "J"
8	130-4666	1	Guard, Belt	23	501-0247	1	Line, Flexible (69")
9	821-5002-03	14	Screw, Self-Locking – Hex Washer Head (1/4-20 x 1/2")	24	503-1816	1	Clamp, Retainer
10	816-0098	1	Bolt, Carriage (5/16-18 x 5/8") Begin Spec P	25	526-0399-19	3	Washer, Flat (3/8")
11	870-0550-07	2	Nut, Flange Head (5/16-18)	26	800-0052	1	Screw, Cap – Hex Head (3/8-16 x 1-1/2")
12	130-3184	1	Gasket, Connection	27	130-4675	1	Strap, Water Tube Outlet – Begin Spec P
13	821-5004-02	4	Screw, Self-Locking – Hex Washer Head (3/8-16 x 3/4")	28	526-0141	1	Washer, Flat (15/32" ID x 1-1/4" OD)
14	130-4729	1	Guard, Belt	29	526-0054	2	Washer, Flat (5/16")
15	505-0130	1	Plug, Pipe – Square Head (3/4-14)				

Radiator DFBF, DFCB, DFCC

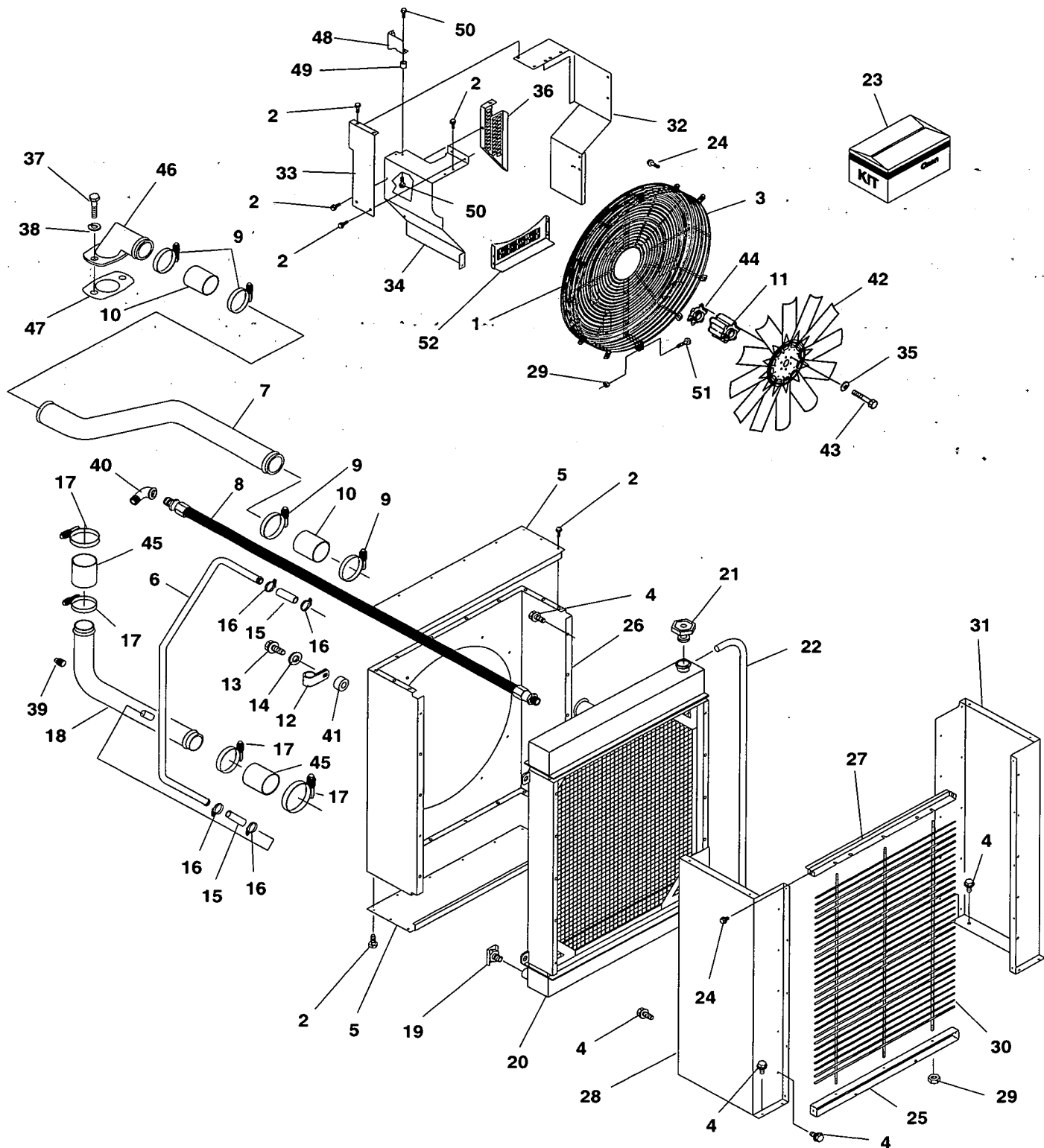


E074,082

Radiator DFBF, DFCB, DFCC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-3521-01	1	Guard, Fan (Right Side) (Top)	24	821-5003-03	14	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")
2	821-5002-04	38	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")	25	130-4386	1	Support, Grille (Lower)
3	130-3521-02	1	Guard, Fan (Left Side) (Bottom)	26	130-4375	1	Wrapper, Fan Shroud
4			Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")	27	130-4387	1	Support, Grille (Upper)
	821-5004-02	34	Sets With 44" Wide Skid	28			Guard, Radiator (Left Side)
	821-5004-02	36	Sets With 50" Wide Skid		130-4384-02	1	Sets With 44" Wide Skid
5	130-4373	2	Shroud, Fan		130-4383-02	1	Sets With 50" Wide Skid
6	130-4376	1	Tube, Radiator Fill	29	870-0550-09	12	Nut, Self-Locking - Hex Head (3/8-16)
7	130-4725	1	Tube, Radiator (Inlet)	30	130-4385	1	Grille
8	501-0551-01	1	Line, Flexible (3/4")	31			Guard, Radiator (Right Side)
9	503-1872-04	4	Clamp, Hose		130-4384-01	1	Sets With 44" Wide Skid
10	503-1379-02	2	Hose, Radiator (2-1/4" ID x 4-1/2")		130-4383-01	1	Sets With 50" Wide Skid
11	130-4407-01	1	Spacer, Fan	32	130-5371-02	1	Guard, Belt (Right Side)
12	518-0548-20	2	Clamp, Hose	33	130-3535	1	Guard, Belt (L-Shaped)
13	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")	34	130-5372-02	1	Guard, Belt (Left Side)
14	526-0029	2	Washer, Flat (3/8")	35	526-0026	6	Washer, Flat (3/8")
15	503-1634	2	Hose, Rubber (1" ID x 4")	36	130-4729	1	Guard, Belt (Back)
16	503-1872-01	4	Clamp, Hose	37	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")
17	503-1872-05	4	Clamp, Hose	38	850-0050	2	Washer, Lock - Spring (3/8")
18	130-4379	1	Tube, Radiator (Outlet)	39	505-0130	1	Plug, Pipe - Square Head (3/4")
19	504-0028	1	Cock, Drain (3/8")	40	502-0053	1	Elbow, Street - 45 Deg (1/8")
20			Radiator (Includes Radiator Cap, Overflow Hose, and Safety Sight Gauge Kit)	41	130-3660-01	2	Spacer
			DFBF	42	130-4534	1	Fan, Radiator (6 Blade)
	130-4355	1	2 Row Core	43	800-0061	6	Screw, Cap - Hex Head (3/8-16 x 3-3/4")
	130-4355-01	1	3 Row Core	44	130-3193	1	Gasket, Spacer
	130-4355-01	1	DFCB	45	503-1414-02	2	Hose, Radiator (2-3/4" ID x 5-3/4")
			DFCC	46	130-3180	1	Connection, Radiator
	130-4355-01	1	3 Row Core	47	130-3184	1	Gasket, Connection
	130-4356	1	4 Row Core	48	130-4671	1	Bracket, Mounting - Belt Guard
21	130-3588	1	Cap, Radiator	49	402-0070	1	Dampener, Vibration
22	503-1418	-	Hose - Bulk (1/4" ID) (Order By The Foot - 6 Feet Required)	50	821-0014	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
23	130-4362	1	Kit, Gauge - Safety Sight - Radiator (Includes Glass Bulb and O-Ring)	51	130-5373-02	1	Guard, Damper

Radiator DFCE

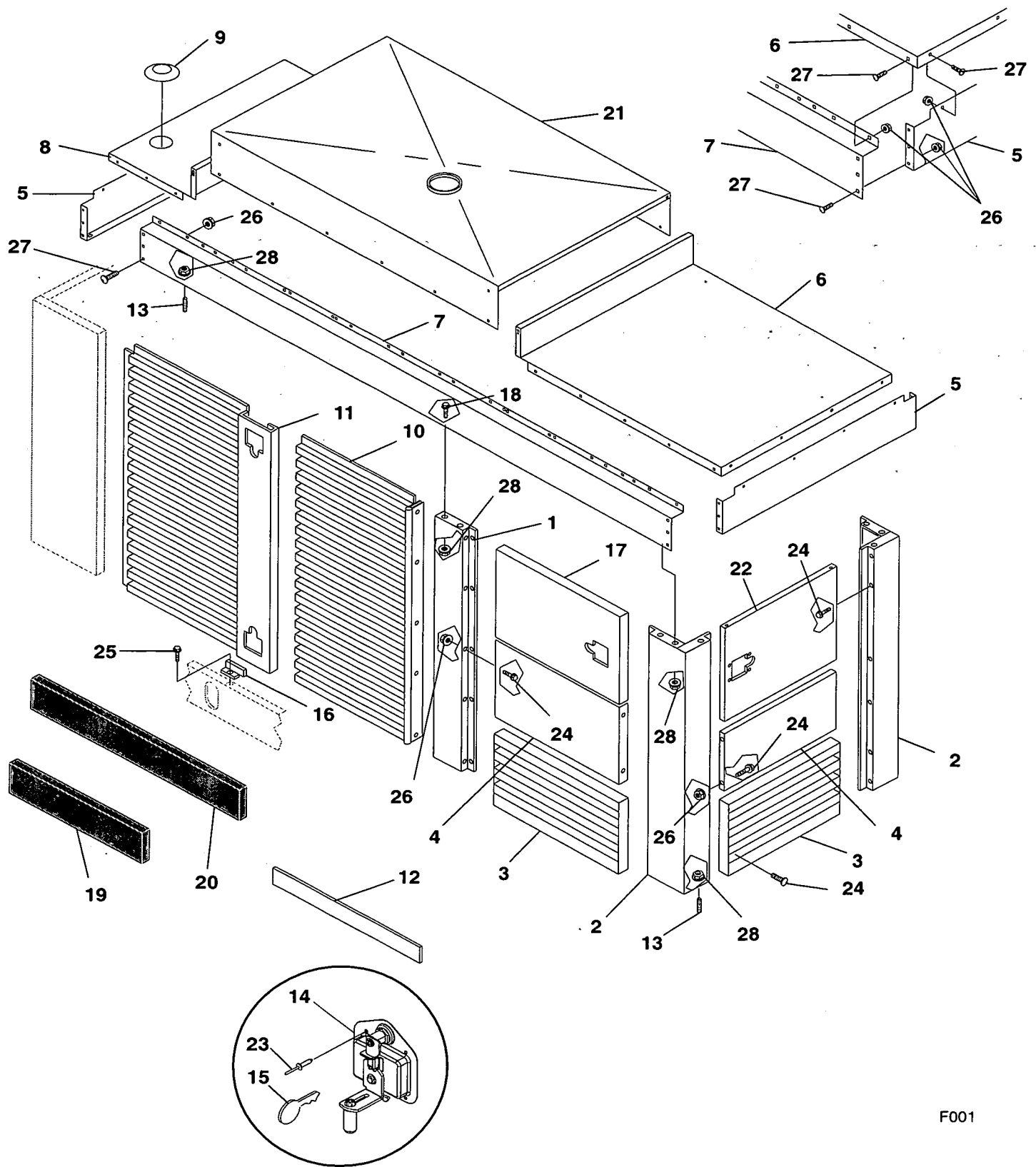


E074

Radiator DFCE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4406-01	1	Guard, Fan (Left Side)	27	130-4409	1	Support, Grille (Upper)
2	821-5002-04	43	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/8")	28			Guard, Radiator (Left Side)
3	130-4406-02	1	Guard, Fan (Right Side)		130-4402-02	1	Sets With 44" Wide Skid
4			Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")		130-4401-02	1	Sets With 50" Wide Skid
	821-5004-02	33	Sets With 44" Wide Skid	29	870-0550-09	23	Nut, Self-Locking - Hex Head (3/8-16)
	821-5004-02	35	Sets With 50" Wide Skid	30	130-4399	1	Grille
5	130-4403	2	Shroud, Fan	31			Guard, Radiator (Right Side)
6	130-4376	1	Tube, Radiator Fill		130-4402-01	1	Sets With 44" Wide Skid
7	130-4725	1	Tube, Radiator (Inlet)		130-4401-01	1	Sets With 50" Wide Skid
8	501-0551-01	1	Line, Flexible (34")	32	130-5371-02	1	Guard, Belt (Right Side)
9	503-1872-04	4	Clamp, Hose	33	130-3535	1	Guard, Belt (L-Shaped)
10	503-1379-02	2	Hose, Radiator (2-1/4" ID x 4-1/2")	34	130-5370-02	1	Guard, Belt (Left Side)
11	130-4407	1	Spacer, Fan	35	850-0050	6	Washer, Lock - Spring (3/8")
12	518-0548-20	2	Clamp, Hose	36	130-4729	1	Guard, Belt (Back)
13	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")	37	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")
14	526-0029	2	Washer, Flat (3/8")	38	850-0050	2	Washer, Lock - Spring (3/8")
15	503-1634	2	Hose, Rubber (1" ID x 4")	39	505-0130	1	Plug, Pipe - Square Head (3/4")
16	503-1872-01	4	Clamp, Hose	40	502-0053	1	Elbow, Street - 45 Deg (1/8")
17	503-1872-05	4	Clamp, Hose	41	130-3660-01	2	Spacer
18	130-4379	1	Tube, Radiator (Outlet)	42	130-4408	1	Fan, Radiator (12 Blade)
19	504-0028	1	Cock, Drain (3/8")	43	800-0061	6	Screw, Cap - Hex Head (3/8-16 x 3-3/4")
20	130-4369	1	Radiator (Includes Radiator Cap, Overflow Hose, and Safety Sight Gauge Kit)	44	130-3193	1	Gasket, Spacer
21	130-3588	1	Cap, Radiator - 7 PSI	45	503-1414-02	2	Hose, Radiator (2-3/4" ID x 5-3/4")
22	503-1418	-	Hose - Bulk (1/4" ID) (Order By The Foot - 6 Feet Required)	46	130-3180	1	Connection, Radiator
23	130-4362	1	Kit, Gauge - Safety Sight - Radiator (Includes Glass Bulb and O-Ring)	47	130-3184	1	Gasket, Connection
24	821-5003-03	12	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")	48	130-4671	1	Bracket, Mounting - Belt Guard
25	130-4398	1	Support, Grille (Lower)	49	402-0070	1	Dampener, Vibration
26	130-4400	1	Wrapper, Fan Shroud	50	821-0014	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
				51	821-5004-03	3	Screw, Self-Locking - Hex Washer Head (3/8-16 x 1")
				52	130-5373-02	1	Guard, Damper

Housing

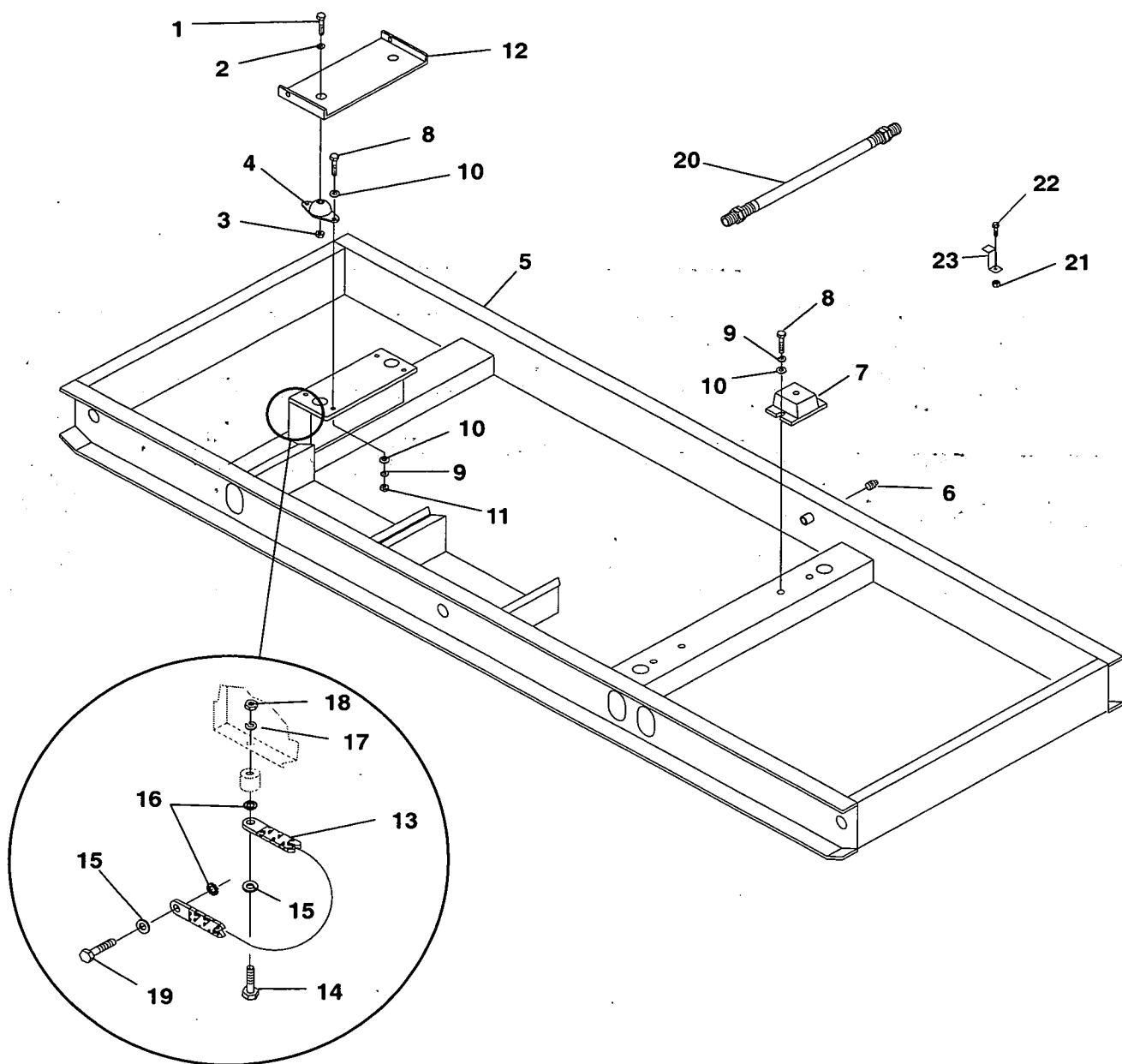


F001

Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-4110	2	Post - Center	14	406-0972-02	7	Latch (Includes Key)
2	405-4111	2	Post - Rear	15	406-0782	7	Key
3	405-4104	3	Grille	16	405-3980	2	Stop, Door
4	405-4112	3	Panel - Rear and Side	17	405-4107	2	Door - Side
5	405-4117	2	Cap, End - Front and Rear	18	821-5004-02	10	Screw, Self-Locking - Hex Washer Head (3/8-16 x 3/4")
6	405-4115	1	Roof - Rear	19	128-0154-06	1	Insulation, Foam (24" x 5-3/4" x 1/4")
7	405-4118-01	2	Rail - Side	20	128-0154-05	4	Insulation, Foam (40" x 7-13/16" x 1/4")
8	405-5198	1	Roof - Front	21	405-4114-02	1	Roof - Center
9	517-0245	1	Plug	22	405-4106	1	Door, Control
10	405-4108	2	Door - Side - Without Opening For Door Handles (Right Side Center Location And Left Side Front Location)	23	818-0231-02	28	Rivet, Pop
11	405-4109	2	Door - Side - With Opening For Door Handles (Right Side Front Location And Left Side Center Location)	24	821-5003-03	49	Screw, Self-Locking - Hex Washer Head (5/16-18 x 3/4")
12	895-0308	-	Tape, Sealing - Bulk (1/8" Thk x 1" Wide) (Order By The Foot - 6 Feet Required)	25	815-0236	4	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")
13	520-0544	14	Stud (3/8-16 x 1-3/16")	26	870-0550-07	52	Nut, Locking - Hex (5/16-18)
				27	816-0098	52	Bolt, Carriage (5/16-18 x 5/8")
				28	870-0550-09	24	Nut, Locking - Hex (3/8-16)

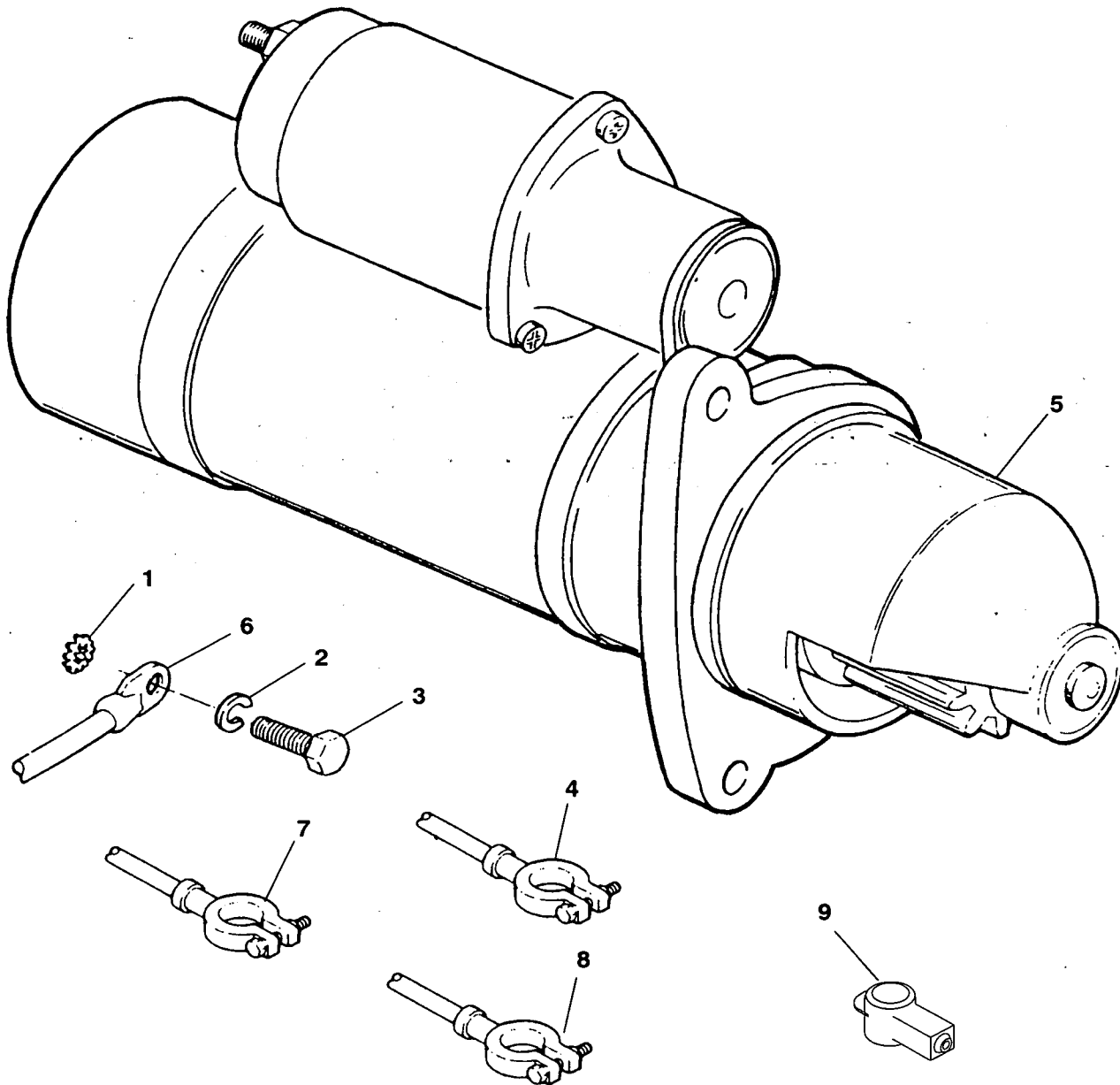
Skid



Skid

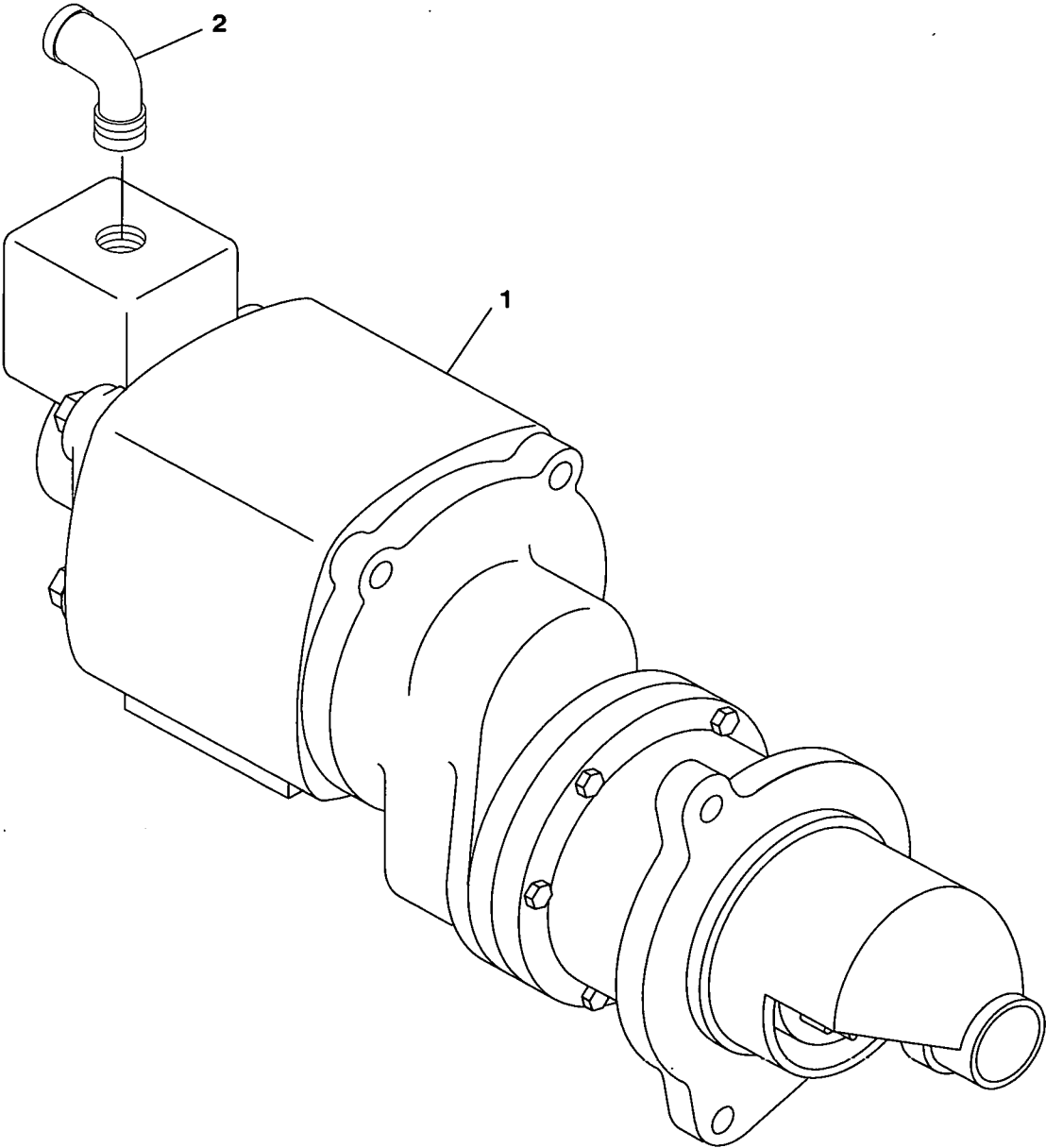
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0138	2	Screw, Cap – Hex Head (5/8–11 x 3")	12	403-4114	1	Bracket, Engine Support
2	850-0070	2	Washer, Lock – Spring (5/8")	13	337-0090	1	Strap, Ground
3	870-0547	2	Nut, Hex (5/8–11)	14	800-0053	1	Screw, Cap – Hex Head (3/8–16 x 1–3/4")
4	402-0779-04	2	Isolator, Vibration – Engine End	15	526-0030	2	Washer, Flat (3/8")
5			Skid	16	856-0010	2	Washer, Lock – EIT (3/8")
	403-4125	1	Generator Sets With 44" Wide Skid	17	850-0050	2	Washer, Lock – Spring (3/8")
	403-4532-02	1	Generator Sets With 50" Wide Skid	18	860-0003	2	Nut, Hex (3/8–16)
6	505-1379	1	Plug, Pipe (1/2")	19	800-0051	1	Screw, Cap – Hex Head (3/8–16 x 1–1/4")
7	402-0704	2	Isolator, Vibration Generator End	20			Line, Fuel – Flexible (Generator Sets Without Day Tank)
8	800-0091	8	Screw, Cap – Hex Head (1/2–13 x 1–1/4")		501-0752-01	1	Fuel Supply (1/2" ID)
9	850-0060	8	Washer, Lock – Spring (1/2")		501-0751	1	Fuel Return (3/8" ID)
10	526-0219	12	Washer, Flat (1/2")	21	870-0212	1	Nut, Hex – Locking (1/4–20)
11	862-0016	4	Nut, Hex (1/2–13)	22	800-0048	2	Screw, Cap – Hex Head (3/8–16 x 3/4")
				23	416-0850	4	Bracket, Retainer – Battery

Electric Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0013	1	Washer, Lock – EIT (1/2")	5	191-1858	1	Starter (24VDC)
	856-0013	2	Sets With 44" Wide Skid	6	416-0632	1	Cable, Battery – Starter to Ground (14-1/2")
2			Washer, Lock – Spring (1/2")	7			Cable, Battery – Jumper
	850-0060	1	Sets With 44" Wide Skid		416-1096	1	Sets With 44" Wide Skid
	850-0060	2	Sets With 50" Wide Skid		416-1097	1	Sets With 50" Wide Skid
3			Screw, Cap – Hex Head (1/2-13 x 1")	8	416-1093	1	Cable, Battery – Sets With 50" Wide Skid (24")
	800-0090	1	Sets With 44" Wide Skid	9	416-1084	1	Boot, Starter (Red)
	800-0090	2	Sets With 50" Wide Skid	10	416-1019	1	Boot, Battery (Red) (Not Illustrated)
4			Cable, Battery (44")				
	416-1088	2	Sets With 44" Wide Skid				
	416-1094	1	Sets With 50" Wide Skid				

Air Starter

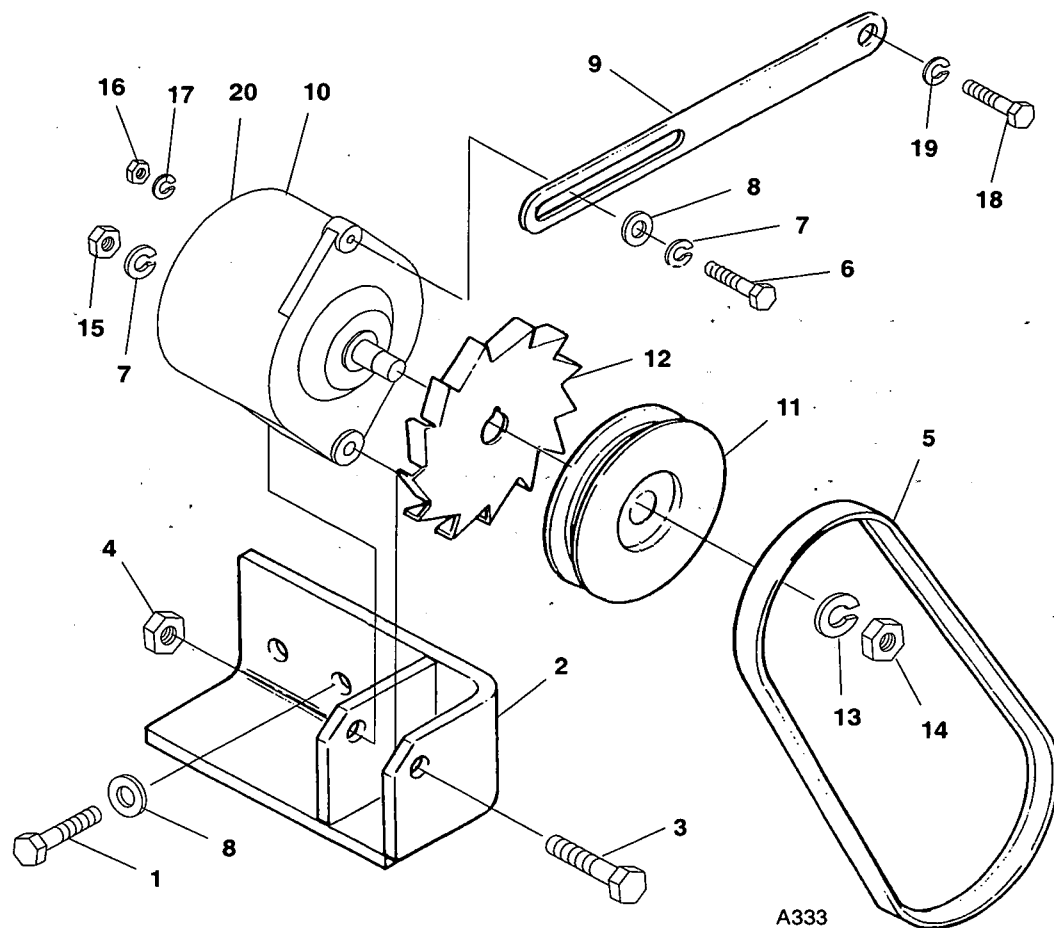


A300

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

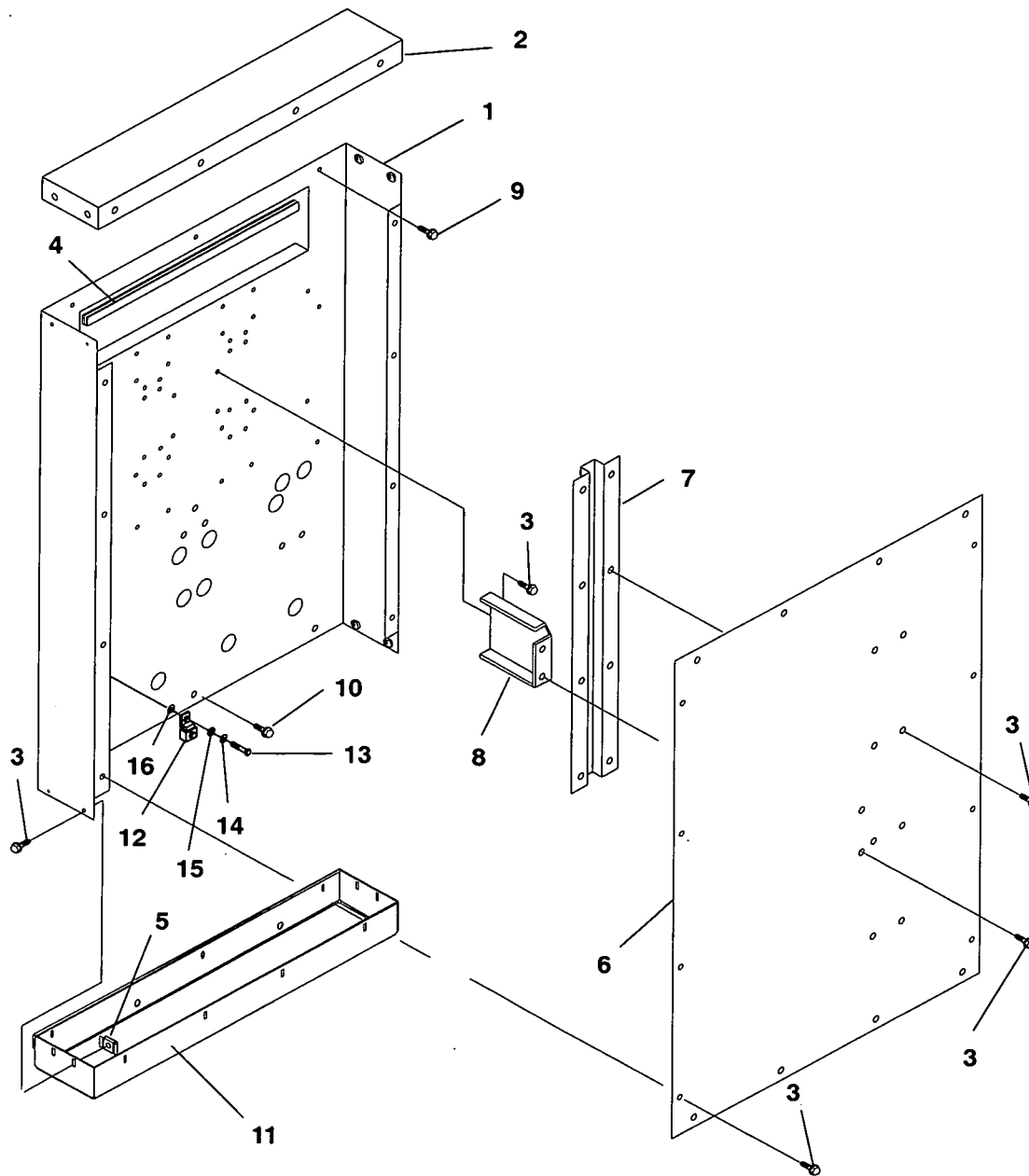
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	502-1054-07	1	Elbow, Street Pipe – 90 Deg

Alternator 55 Amp



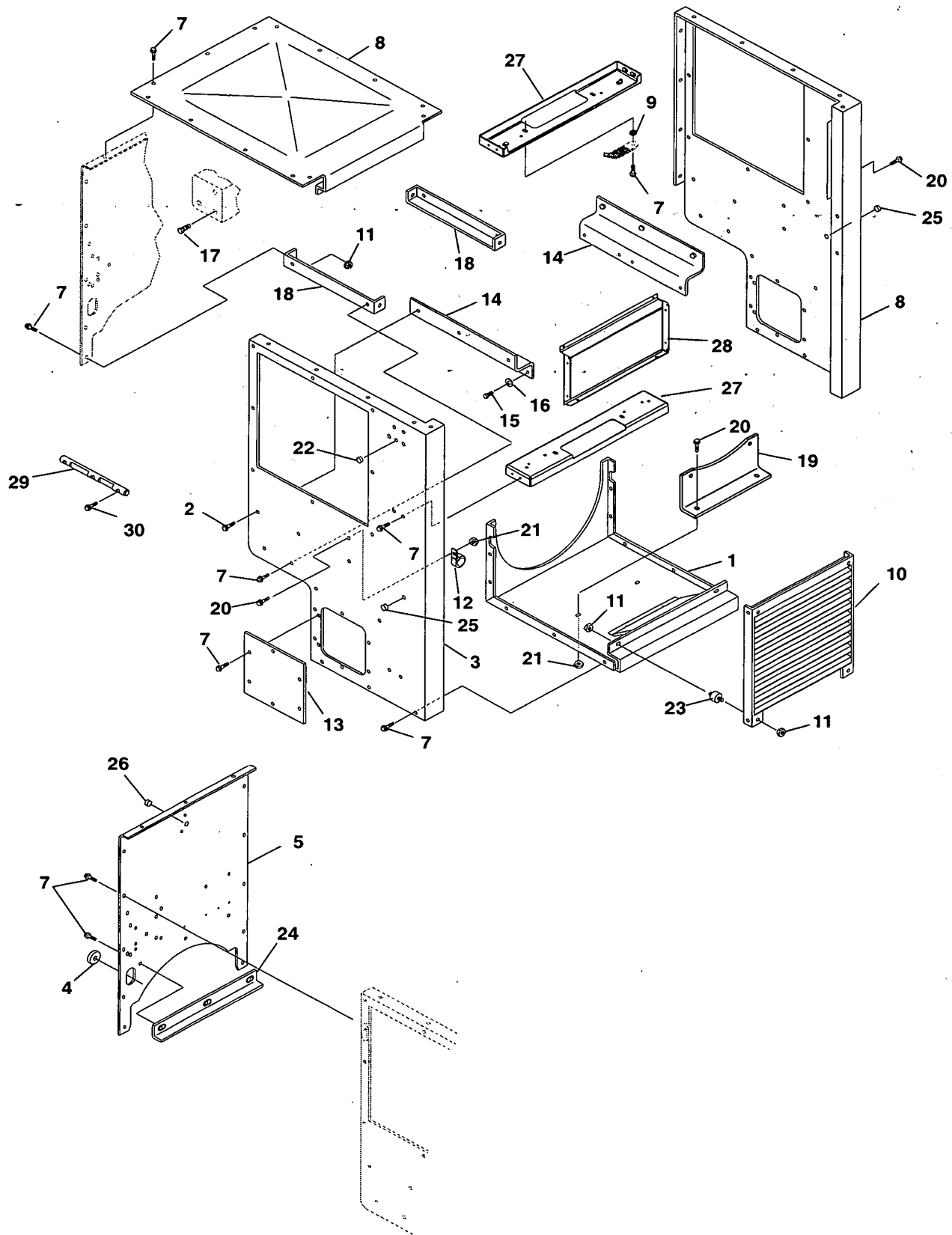
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")	10	191-2326-02	1	Alternator
2	191-1980	1	Bracket, Mounting	11	191-1982	1	Pulley, Alternator
3	800-0059	1	Screw, Cap - Hex Head (M10 x 80mm)	12	191-2330	1	Fan, Alternator
4	870-2056	1	Nut, Hex - Flange Head (M10)	13	851-0039	1	Washer, Spring (Special)
5	511-0092	1	Belt, Alternator	14	870-2161	1	Nut, Hex (M16)
6	800-2059	1	Screw, Cap - Hex Head (M8 x 30mm)	15	860-2008	1	Nut, Hex (M8)
7	850-2008	2	Washer, Lock - Spring (M8)	16	860-2006	2	Nut, Hex (M5)
8	526-0030	3	Washer, Flat (3/8")	17	850-2005	2	Washer, Lock - Spring (M5)
9	191-1977	1	Bracket, Adjusting	18	800-0202	1	Screw, Cap - Hex Head (7/16-20 x 3-1/2")
				19	850-0055	1	Washer, Lock - Spring (7/16")

Entrance Box



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

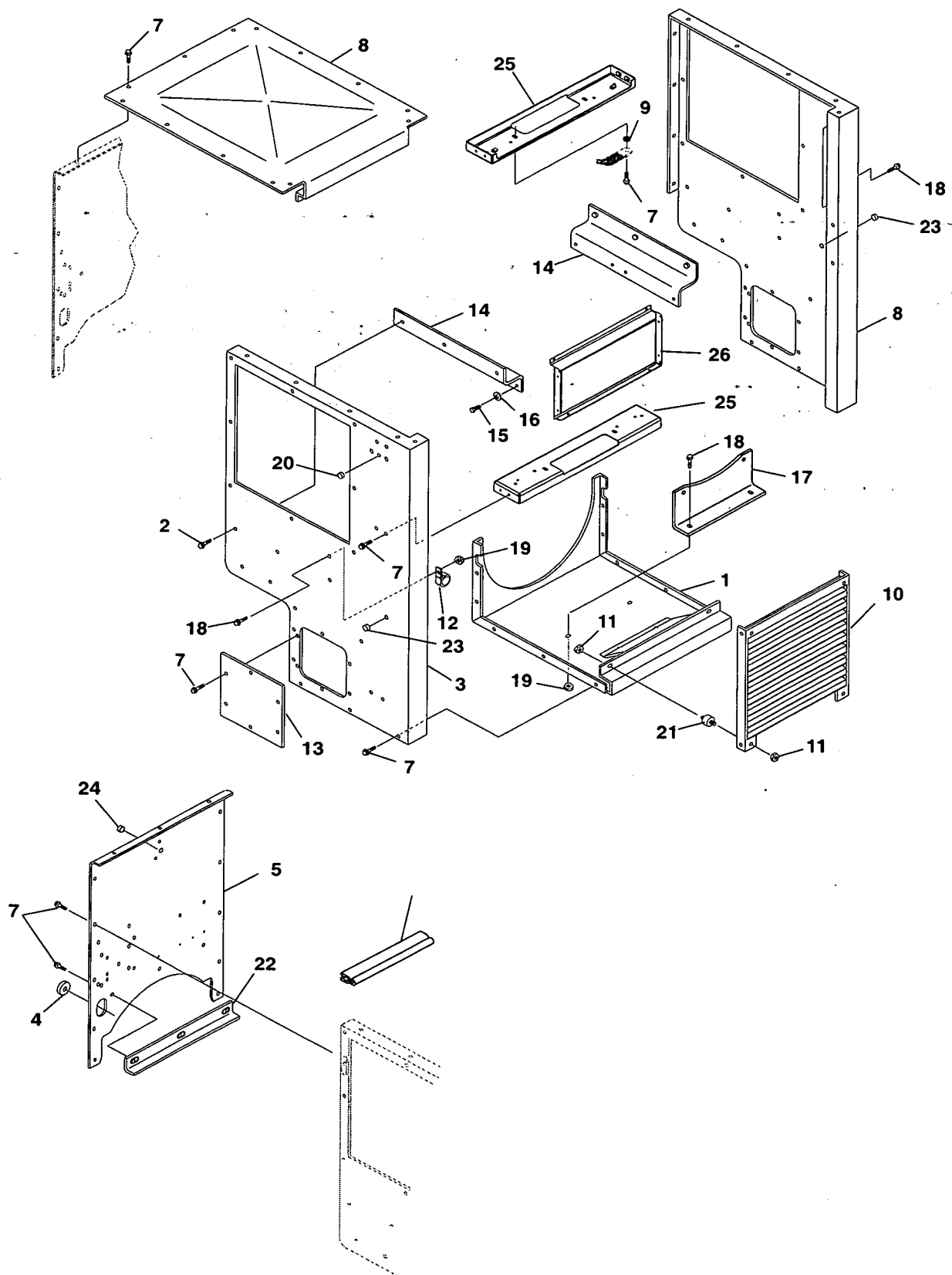
Control Housing **Model HC4 Generators** **DFBF, DFCB, DFCC**



**Control Housing
Model HC4 Generators
DFBF, DFCB, DFCC**

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	508-1057	1	Grommet, Rubber (Fits 2-1/4" Hole)	20	821-6003-02	5	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
5	319-3289	1	Panel – Front	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)				
16	850-2012	6	Washer, Lock – Spring (M12)				

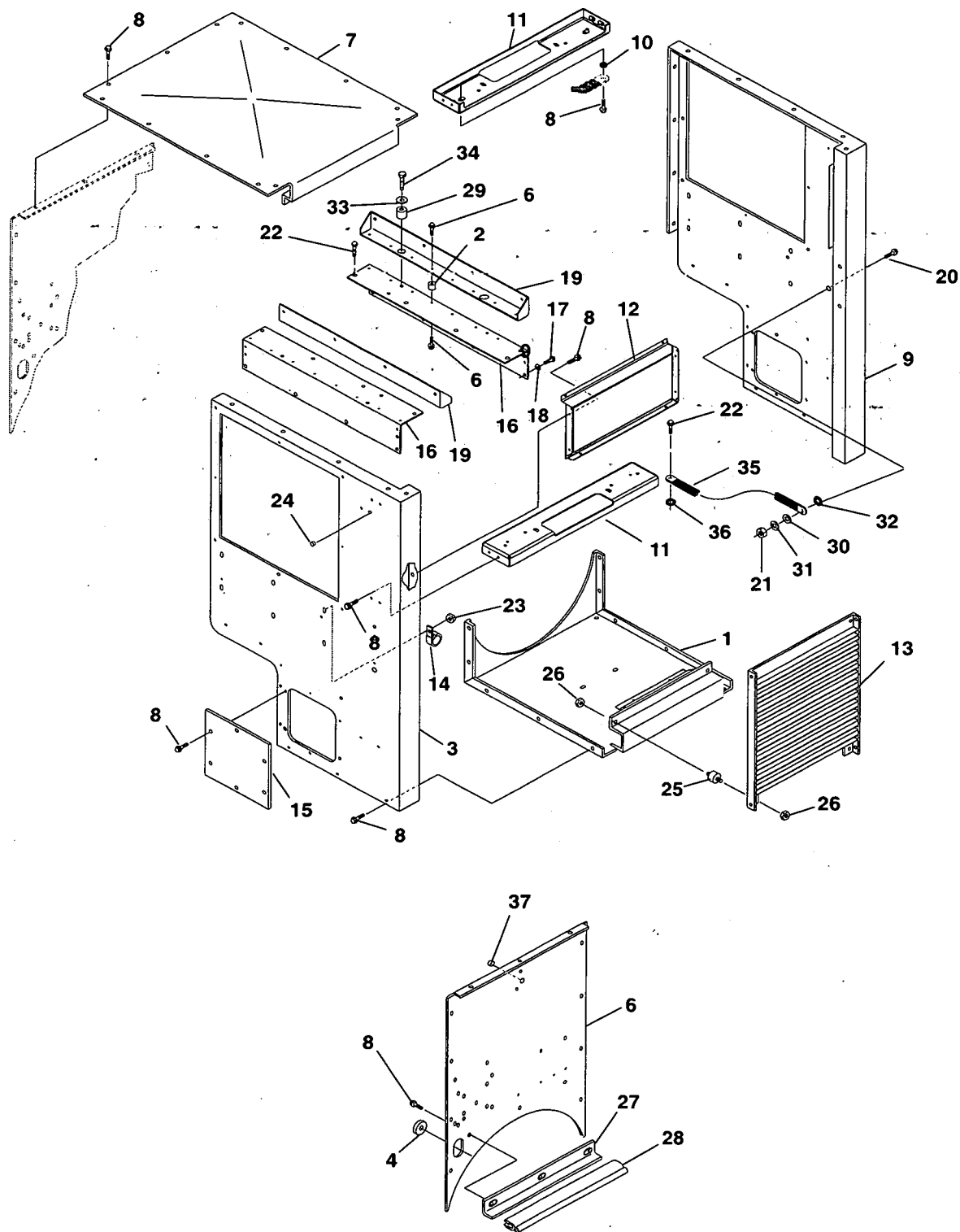
Control Housing **Model HC5 Generators** **DFBF, DFCB, DFCC**



**Control Housing
Model HC5 Generators
DFBF, DFCB, DFCC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3270-01	1	Panel – Bottom	16	850-2012	6	Washer, Lock – Spring (M12)
2	821-6004-01	6	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)	17	319-1346	1	Bracket, Panel
3	319-3287-01	1	Panel – Right Side	18	821-6003-02	5	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)
4	508-1057	1	Grommet, Rubber (Fits 2-1/4" Hole)	19	870-2055	5	Nut, Locking – Hex Head (M8)
5	319-3290	1	Panel – Front	20	517-0131	1	Plug, Hole (Fits 3/8" Hole)
6	301-9512	1	Cover, Top	21	402-0729	4	Isolator, Vibration
7	821-6002-03	61	Screw, Self-Locking – Hex Washer Head (M6 x 16mm)	22	319-3291	1	Angle, Stiffener
8	319-3287-02	1	Panel – Left Side	23	517-0136	2	Plug, Hole (Fits 3/4" Hole)
9	856-0006	1	Washer, Lock – W/EIT (1/4")	24	517-0135	1	Plug, Hole (Fits 5/8" Hole)
10	319-2768	1	Grille	25	405-7249-02	2	Rail, Enclosure (Support)
11	870-2054	8	Nut, Locking – Hex Flange Head (M6)	26	405-7254-02	1	Rail, Enclosure (Front)
12	518-0548-02	2	Clamp, "J"	27	508-1109	–	Edging, Bulk (Order by the Foot – 1 Foot Required)
13	301-9629	2	Cover, Side – Lower				
14	319-3327	2	Bracket, Mounting				
15	800-2111	6	Screw, Cap – Hex Head (M12 x 25mm)				

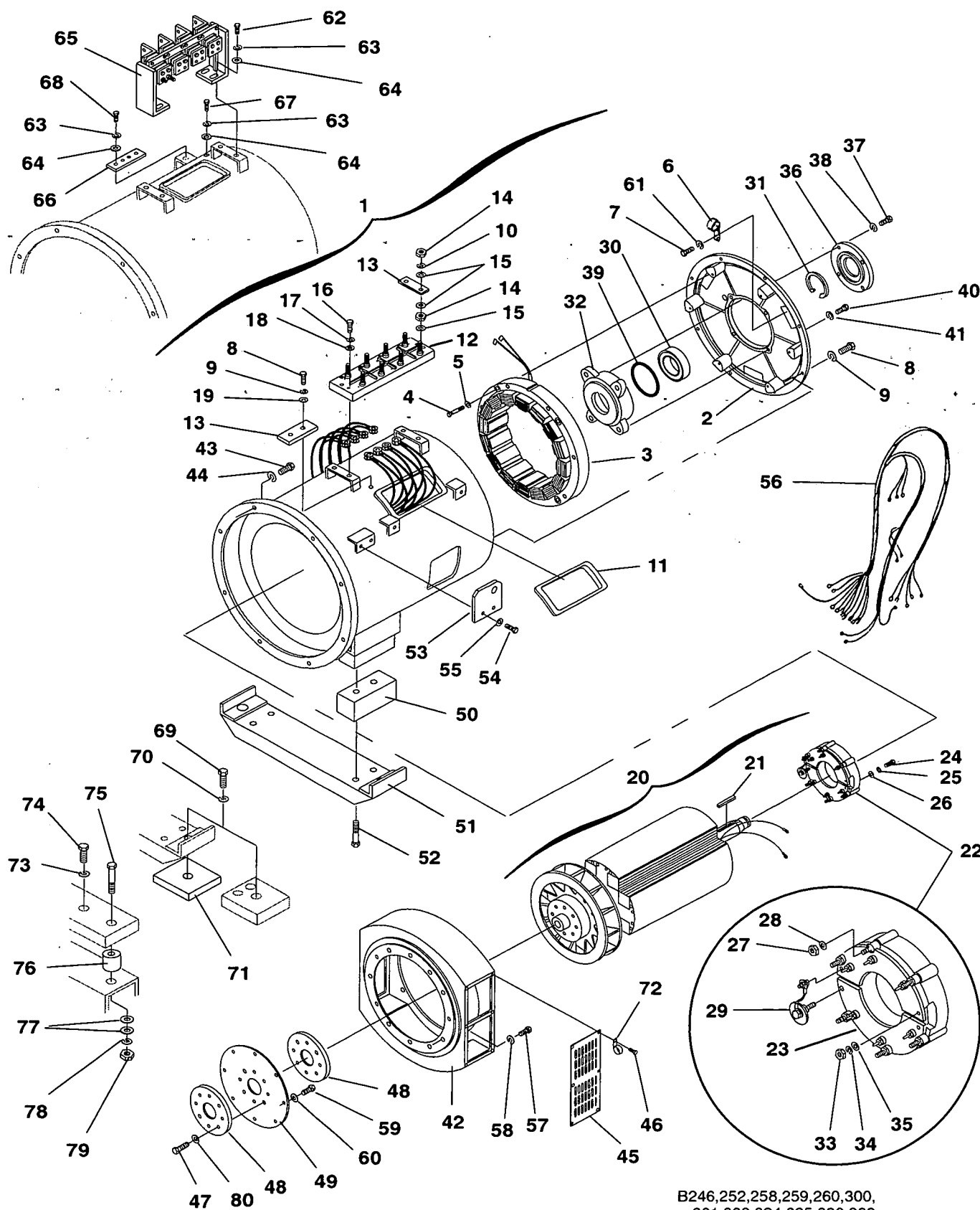
Control Housing Model HC5 Generators DFCE



**Control Housing
Model HC5 Generators
DFCE**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3270-02	1	Panel - Bottom	20	821-6003-02	2	Screw, Self-Locking - Hex Washer Head (M8 x 20mm)
2	402-0070	16	Isolator, Vibration	21	870-2055	2	Nut, Hex (M8)
3	319-3287-01	1	Panel - Right Side	22	821-6004-01	15	Screw, Self-Locking - Hex Washer Head (M10 x 20mm)
4	508-1057	1	Grommet, Rubber (Fits 2-1/4" Hole)	23	870-2056	2	Nut, Hex (M10)
5	319-3290	1	Panel - Front	24	517-0131	1	Plug, Hole (Fits 3/8" Hole)
6	821-0014	32	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	25	402-0729	4	Isolator, Vibration
7	301-9512	1	Cover, Top	26	870-2054	8	Nut, Hex (M6)
8	821-6003-02	61	Screw, Self-Locking - Hex Washer Head (M6 x 16mm)	27	319-3291	1	Angle, Stiffener
9	319-3287-02	1	Panel - Left Side	28	508-1109	-	Edging - Bulk (Order By The Foot - 1 Foot Required)
10	856-0006	1	Washer, Lock - EIT (1/4")	29	191-2034-03	4	Spacer, Mounting
11	405-7249-02	2	Rail, Enclosure (Support)	30	526-2100	2	Washer, Flat (M8)
12	405-7254-02	1	Rail, Enclosure (Front)	31	850-2006	1	Washer, Lock - Spring (M8)
13	319-2768	1	Grille	32	856-0008	1	Washer, Lock - EIT (5/16")
14	332-2634	2	Clamp, "J"	33	526-0128	4	Washer, Flat (7/16" ID x 1-1/2" OD x 1/4" Thk)
15	301-9629	2	Cover, Side - Lower	34	800-2091	4	Screw, Cap - Hex Head (M10 x 50mm)
16	319-3328	2	Bracket, Control Panel - Lower	35	337-0090-01	1	Strap, Ground
17	800-2111	6	Screw, Cap - Hex Head (M12 x 25mm)	36	856-0010	1	Washer, Lock - EIT (3/8")
18	850-2012	6	Washer, Lock - Spring (M12)	37	517-0135	1	Plug, Hole (Fits 5/8" Hole)
19	319-3292	2	Bracket, Control Panel - Upper				

Generator



B246,252,258,259,260,300,
301,302,324,325,326,392

Generator

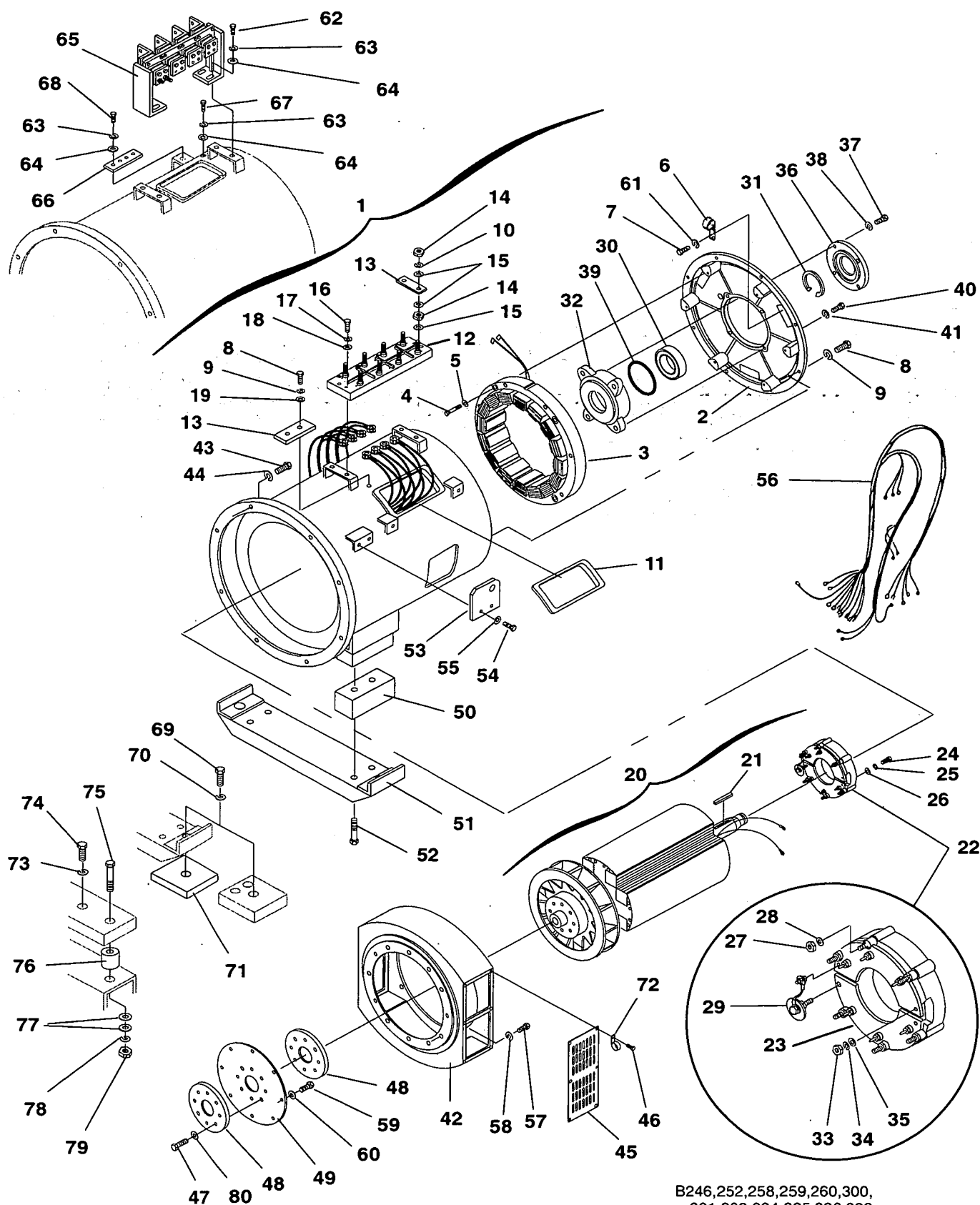
Note: Model HC4 and HC5 generators can be determined by referring to the "Generator Rotor and Stator Part Numbers" page in this catalog.

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 *)	22			# Rotor Assembly, Exciter (Includes Parts Marked +)
					201–3460	1	Model HC4 Generators
					201–3508	1	Model HC5 Generators
2			*Bell, End	23	357–0093	1	#+ Rectifier Assembly (Includes Diodes and Varistor)
	211–0431	1	Model HC4 Generators				#+ Screw, Cap – Hex Head
	211–0457	1	Model HC5 Generators	24			Model HC4 Generators
3			*Stator, Exciter		800–2042	4	(M6 x 60mm)
	220–4248	1	Model HC4 Generators		800–2045	4	Model HC5 Generators
	220–4389	1	Model HC5 Generators				(M6 x 75mm)
4			*Screw, Cap – Hex Head	25	850–2006	4	#+ Washer, Lock – Spring (M6)
	800–2066	6	Model HC4 Generators (M8 x 65mm)	26	526–2080	4	#+ Washer, Flat (M6)
	800–2069	6	Model HC5 Generators (M8 x 80mm)	27	870–2064–02	6	#+ Nut, Hex (M5)
5	850–2008	6	*Washer, Lock – Spring (M8)	28	526–2060	6	#+ Washer, Flat (M5)
6	425–1799	1	*Clamp, Cable	29	249–0797	1	Kit, Diode (Includes Varistor And All Diodes)
7	800–2004	1	*Screw, Cap – Hex Head (M5 x 12mm)	30	510–0168	1	#Bearing, Ball
				31	518–0018	1	#Ring, Retaining
8			*Screw, Cap – Hex Head (M10 x 35mm)	32	232–3518–01	1	#Housing, Bearing
	800–3017–39	9	Model HC4 Generators	33	860–2006	2	#Nut, Hex (M5)
	800–3017–39	8	Model HC5 Generators	34	850–2005	2	#Washer, Lock – Spring (M5)
9			*Washer, Lock – Spring (M10)	35	526–2060	2	#Washer, Flat (M5)
	850–0114–55	9	Model HC4 Generators	36	232–3981–01	1	#Cover, Bearing Housing
	850–0114–55	8	Model HC5 Generators	37	800–2087	4	#Screw, Cap – Hex Head (M10 x 30mm)
10	850–2012	8	*Washer, Lock – Spring (M12) Model HC4 Generators	38	850–2010	4	#Washer, Lock – Spring (M10)
				39	509–0266–03	1	#O–Ring
11			*Grommet	40	800–2091	4	Screw, Cap – Hex Head (M10 x 50mm)
	508–0306	2	Model HC4 Generators	41	850–2010	4	Washer, Lock – Spring (M10)
	508–1086	1	Model HC5 Generators	42			Adapter, Generator
12	232–3482	1	*Panel, Terminal – Model HC4 Generators		231–0322	1	Model HC4 Generators
13	332–3009	4	*Link, Terminal – Model HC4 Generators		231–0345	1	Model HC5 Generators
14	860–2010	16	*Nut, Hex (M12) Model HC4 Generators	43			Screw
15	526–2140	24	*Washer, Flat (M12) Model HC4 Generators		800–3017–56	6	Cap – Hex Head (M12 x 40mm)
16	800–2061	4	*Screw, Cap – Hex Head (M8 x 40mm) Model HC4 Generators		725–1103	2	Socket Head (M12 x 40mm) (Bottom Holes)
17	850–2008	4	*Washer, Lock – Spring (M8) Model HC4 Generators	44	850–0114–56	8	Washer, Lock – Spring (M12)
18	526–2100	4	*Washer, Flat (M8) Model HC4 Generators	45			Guard, Fan
19	526–2120	1	*Washer, Flat (M10) Model HC4 Generators		234–0889	2	Model HC4 Generators
20	—	1	Rotor Assembly, Generator – Complete (See Separate Page For Part Numbers) (Includes Parts Marked #)		234–0944	2	Model HC5 Generators
21			#Key				
	515–0300–01	1	Model HC4 Generators				
	515–0300–06	1	Model HC5 Generators				

* – Parts Included In Generator Stator Assemblies
 # – Parts Included In Generator Rotor Assemblies
 + – Parts Included In Exciter Rotor Assemblies

Continued...

Generator



B246,252,258,259,260,300,
301,302,324,325,326,392

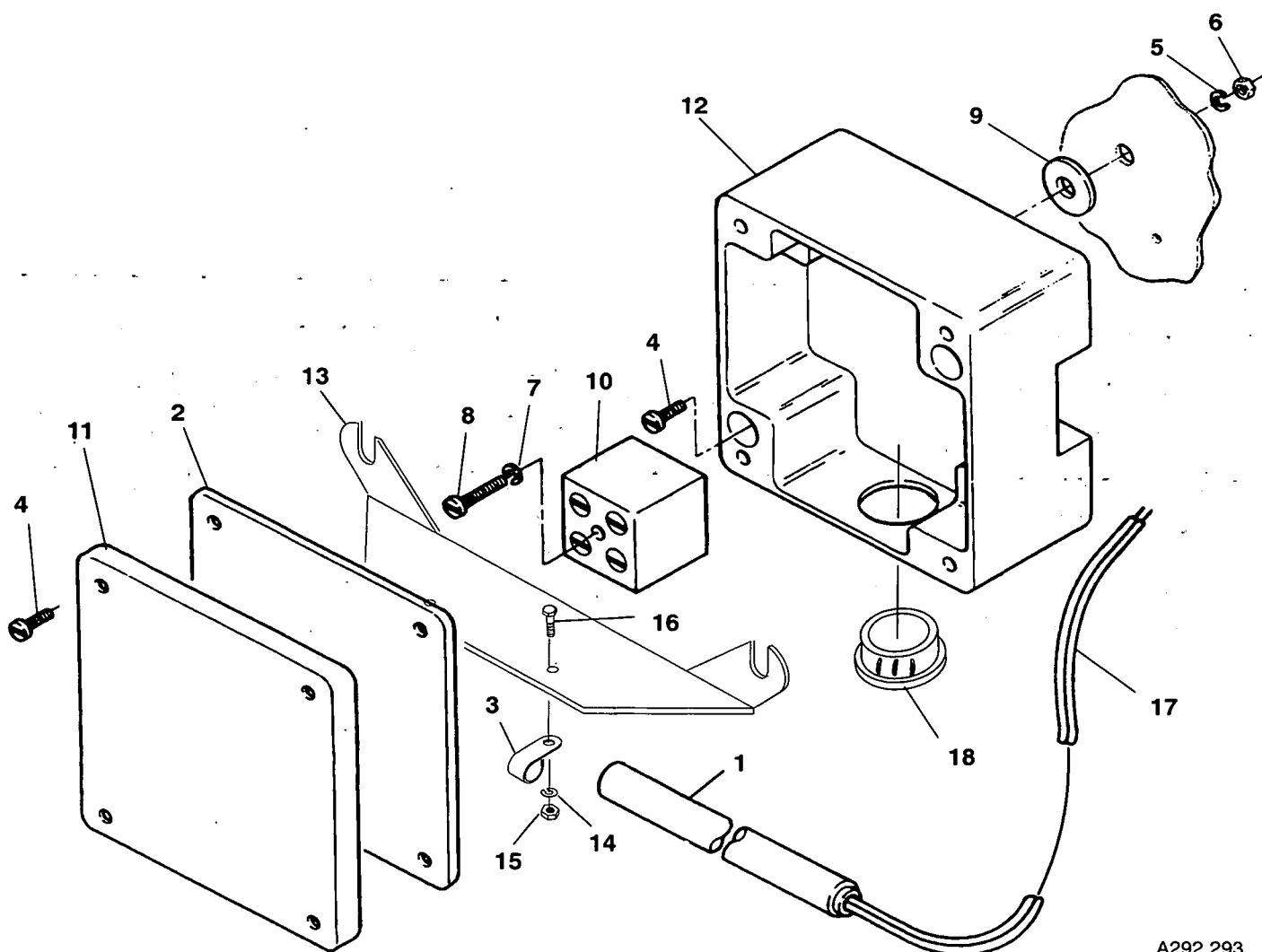
Generator

Note: Model HC4 and HC5 generators can be determined by referring to the "Generator Rotor and Stator Part Numbers" page in this catalog.

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...				59	805-0032	8	Bolt, Place (1/2-13 x 1-1/4")
46	821-6001-02	12	Screw, Self-Locking - Hex Washer Head (M5 x 12mm)	60	526-0035	8	Washer, Flat (1/2")
47	720-1146	8	Model HC4 Generators (M20 x 60mm)	61	850-2005	1	*Washer, Lock - Spring (M5)
	720-1148	8	Model HC5 Generators (M20 x 70mm)	62	800-3017-39	4	*Screw, Cap - Hex Head (M10 x 35mm) Model HC5 Generators
48	232-3520-01	2	Spacer, Drive Disc Model HC4 Generators (3/8" Thk)	63	850-0114-55	6	*Washer, Lock - Spring (M10) Model HC5 Generators
	232-3520-01	1	Model HC5 Generators 3/8" Thk	64	526-2120	6	*Washer, Flat (M10) Model HC5 Generators
	232-3775-02	1	1" Thk	65	232-3782	1	*Block, Main Terminal - Model HC5 Generators
49	232-3522	4	Disc, Drive	66	232-3785-02	3	*Bar, Terminal Link - Model HC5 Generators
50	232-3524	2	Spacer, Generator Foot - Model HC4 Generators	67	800-2084	1	*Screw, Cap - Hex Head (M10 x 16mm) Model HC5 Generators
51	232-3722	1	Foot, Generator "C" Channel Stock (7" x 26-7/8") (Illustrated)	68	800-2090	1	*Screw, Cap - Hex Head (M10 x 45mm) Model HC5 Generators
	232-3966	1	Bar Stock 6" x 35" (12 Holes)	69	800-0579	2	Screw, Cap - Hex Head (1-8 x 2-3/4")
	232-4011	1	6" x 26-3/8" (6 Holes)	70	850-0086	2	Washer, Lock - Spring (1")
52	800-2244	4	Screw, Cap - Hex Head Used With "C" Channel Generator Foot (M24 x 80mm)	71	403-3338	2	Pad, Generator Mounting
			Used With Bar Stock Generator Foot	72	332-3196	1	Clamp, "J"
	800-2247	4	M24 x 100mm	73	850-0060	2	Washer, Lock - Spring (1/2")
	800-2242	4	M24 x 70mm	74	800-0093	2	Screw, Cap - Hex Head (1/2-13 x 1-3/4")
53	232-3523	2	Bracket, Generator Lifting	75	800-0307	2	Screw, Cap - Hex Head (1-8 x 5")
54	800-3017-55	4	Screw, Cap - Hex Head (M12 x 35mm)	76	403-4115	2	Spacer, Generator Mounting
55	850-0114-56	4	Washer, Lock - Spring (M12)	77	526-0435	4	Washer, Flat (1")
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)	78	850-0086	2	Washer, Lock - Spring (1")
57	800-0073	12	Screw, Cap - Hex Head (7/16-14 x 1-1/2")	79	862-0042	2	Nut, Hex (1-8)
58	850-0055	12	Washer, Lock - Spring (7/16")	80	526-0450	8	Washer, Flat

* - Parts Included In Generator Stator Assemblies
 # - Parts Included In Generator Rotor Assemblies
 + - Parts Included In Exciter Rotor Assemblies

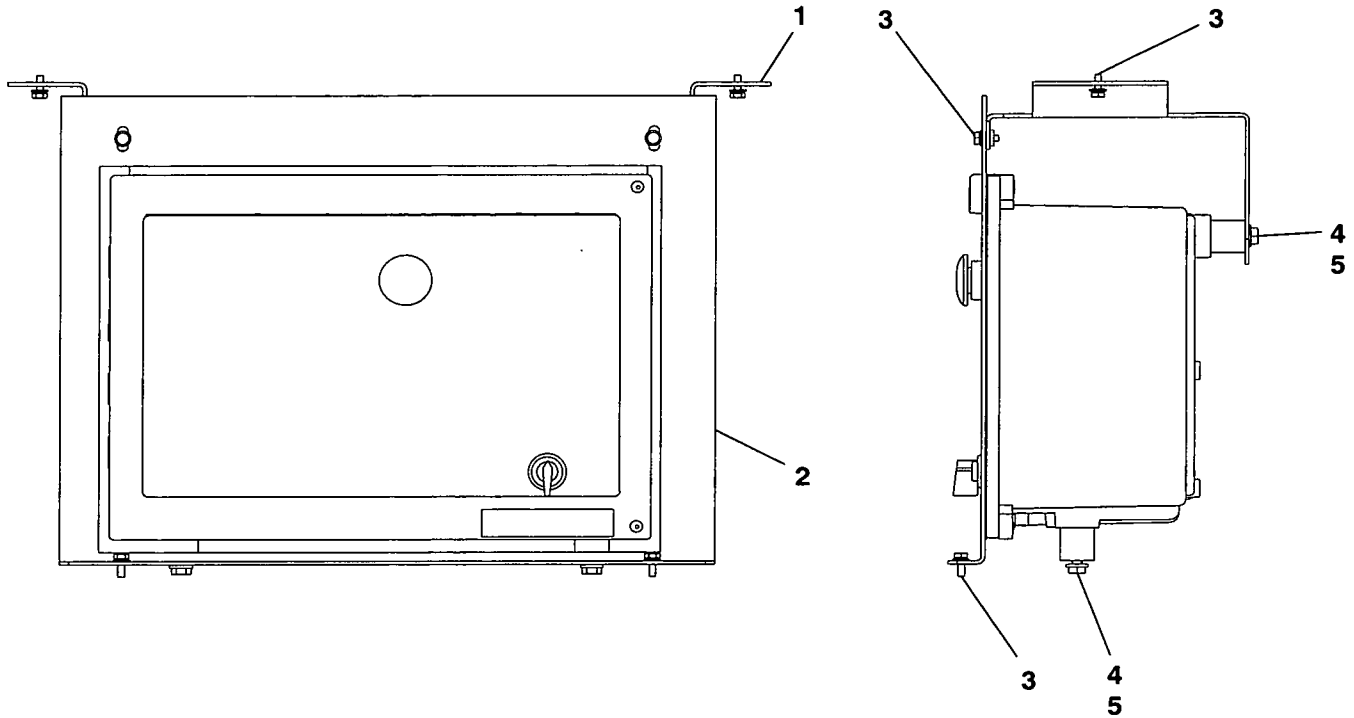
Generator Heater



A292,293

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cartridge, Heater (150 Watt)	8	822-3047	1	Screw, Machine – Pan Head (M3 x 20mm)
	333-0438-03	2	120 Volt	9	508-0228	1	Grommet
	333-0438-04	2	240 Volt	10	332-3023	1	Block, Terminal
			HC5	11	330-0141-03	1	Cover, Box
	333-0438-05	1	120 Volt	12	330-0142	1	Box, Terminal
	333-0438-06	1	240 Volt	13			Bracket, Mounting – Heater
2	330-0141-04	1	Gasket, Cover		232-3850	1	HC4
3			Clamp, Loop		232-3849	1	HC5
	332-3024-14	4	HC4	14	850-2005	2	Washer, Lock – Spring (M5)
	332-3024-14	2	HC5	15	860-2006	2	Nut, Hex (M5)
4	822-3075	6	Screw, Machine – Slotted Pan Head (M4 x 16mm)	16	800-2008	2	Screw, Cap – Hex Head (M5 x 16mm)
5	850-2004	2	Washer, Lock – Spring (M4)	17	898-1254-25	1	Sleeving – Heater Leads (59")
6	860-2005	2	Nut, Hex (M4)	18	517-0021	1	Plug, Dot Button
7	850-2003	1	Washer, Lock – Spring (M3)				

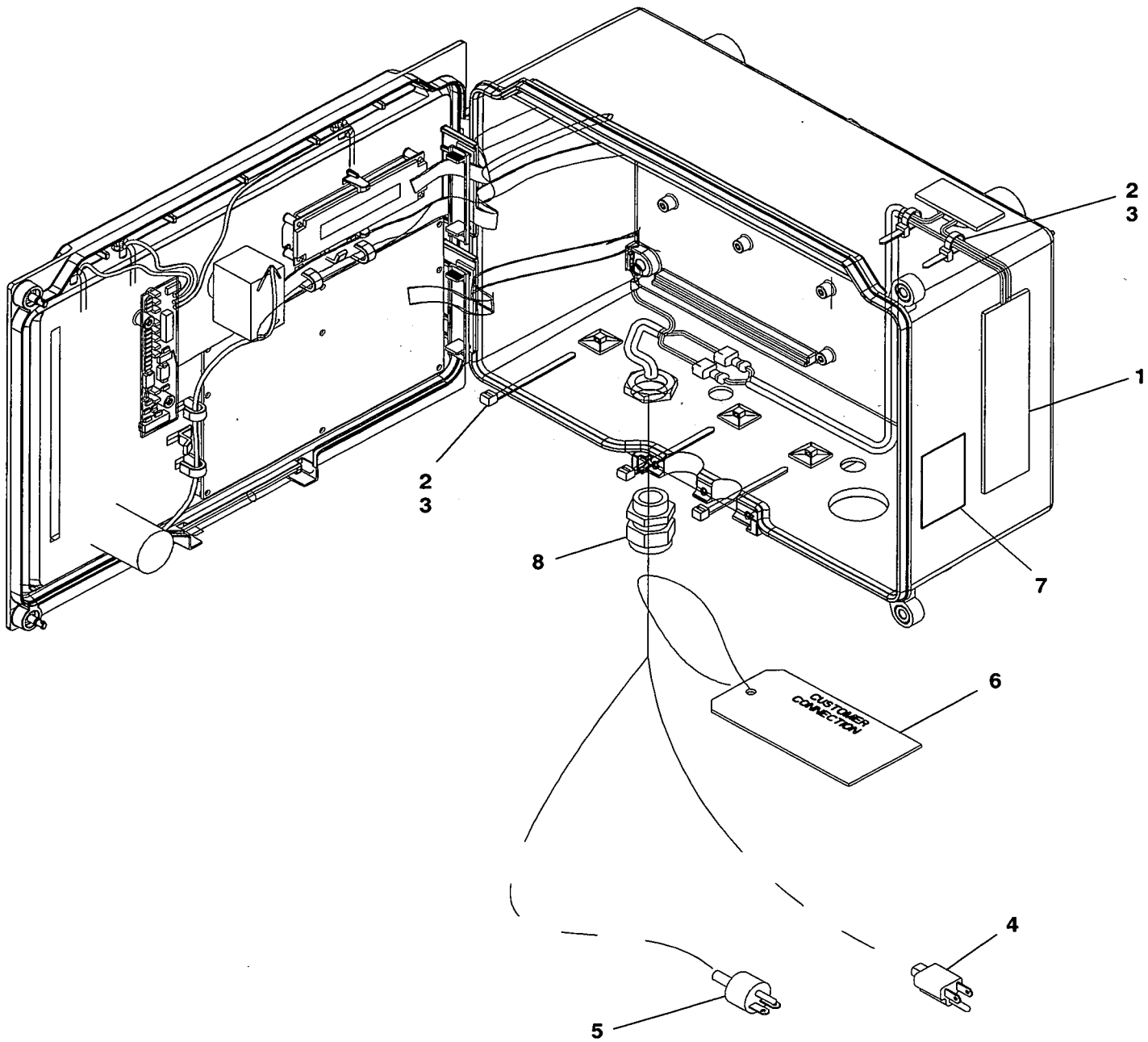
Control Installation



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7246-02	1	Rail, Enclosure – Control
2	405-7248-02	1	Panel, Enclosure – Control
3	821-6002-02	6	Screw, Hex Head (M6 x 1.0 x 12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	526-2100	4	Washer, Flat (M8)
5	800-2054	4	Screw, Cap – Hex Head (M8 x 1.25 x 14)

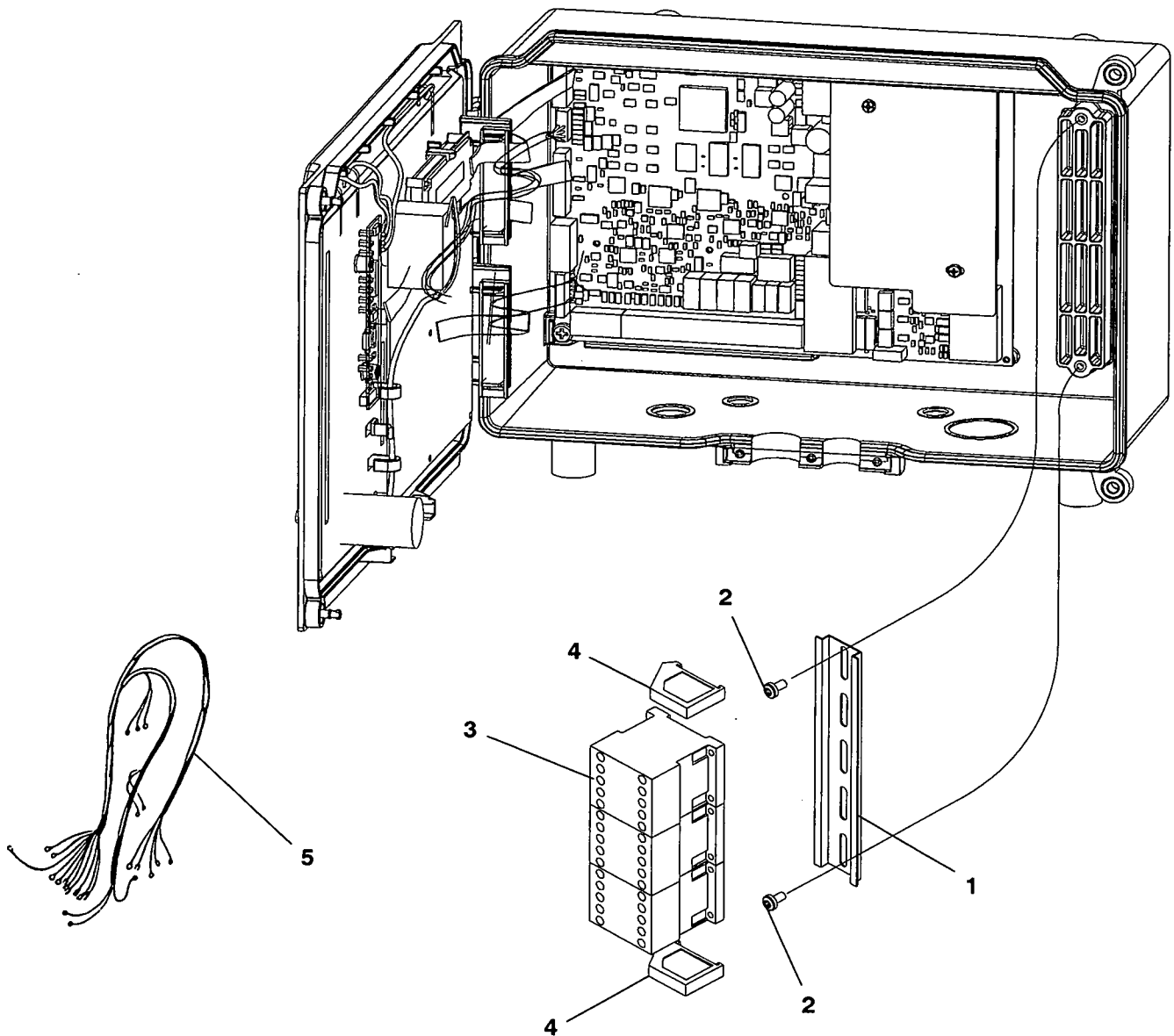
Control Heater



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

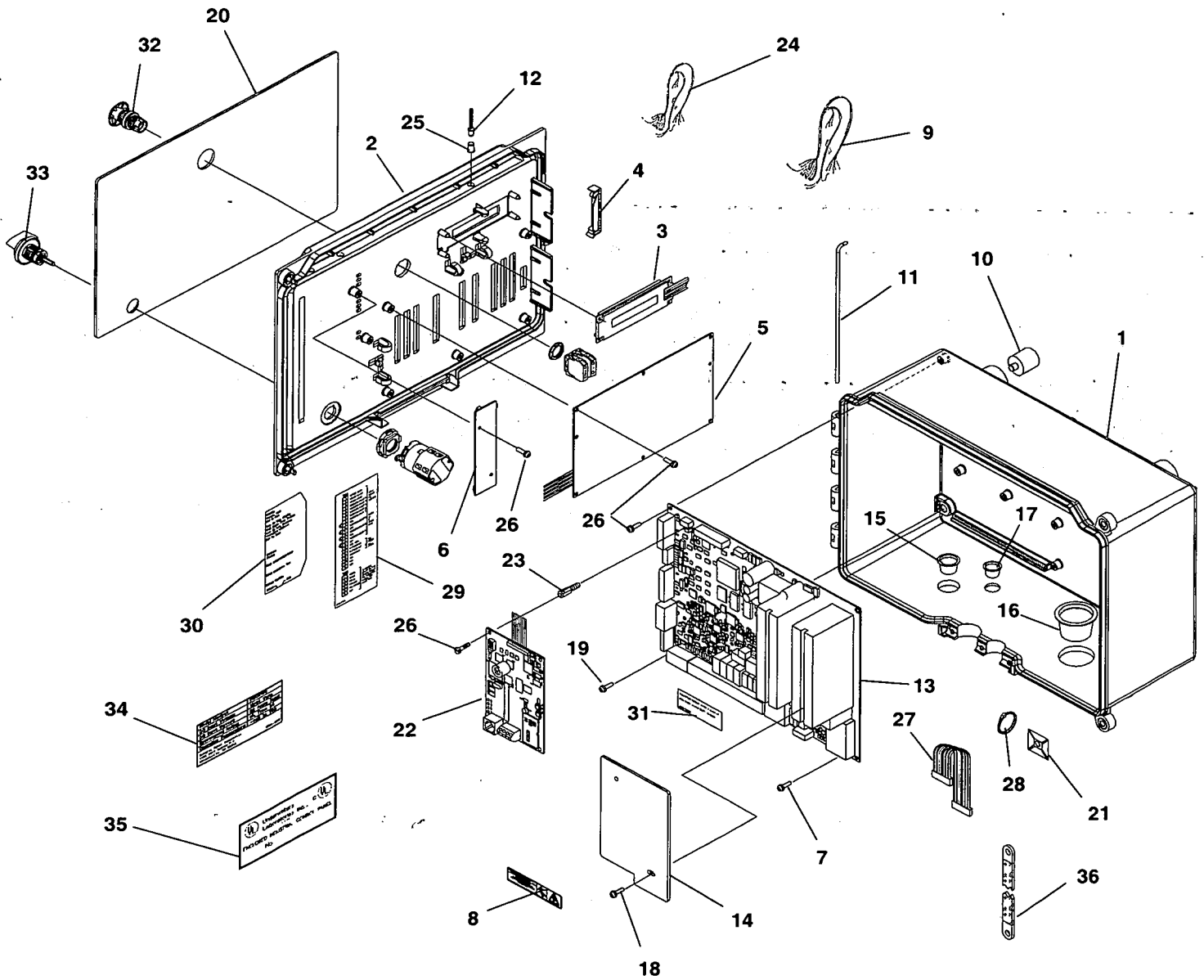
Control Relay



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-3842	1	Rail, Terminal Block
2	823-1006-02	2	Screw, Pan Head (M5)
3	307-2874	3	Relay, Control - 24V (K10, K11, K12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	332-2878	2	Bracket, End - Terminal
5	338-4209	1	Harness, Relay

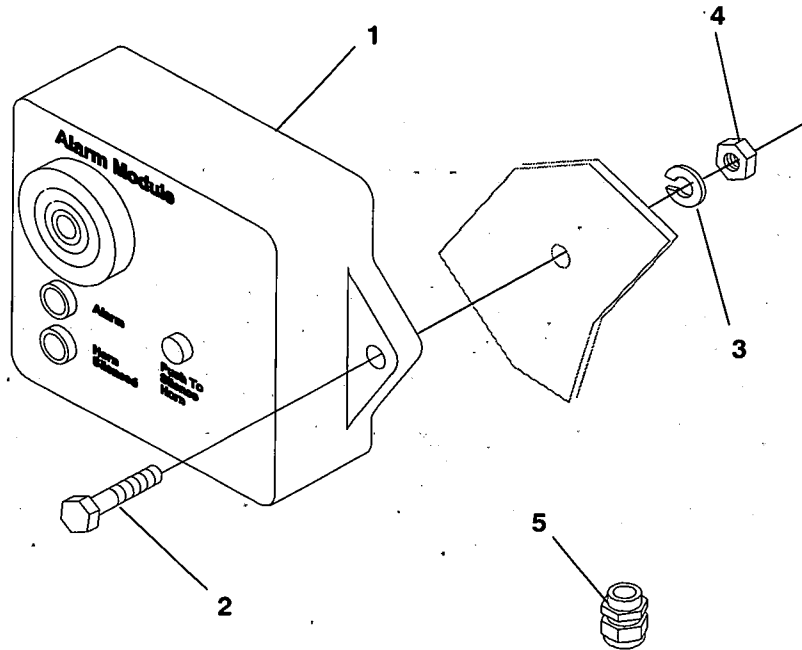
Control



Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4487	1	Box, Control	20			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	21	332-2420	2	Mount, Cable Tie
5	300-5180	1	Board, Printed Circuit – Bargraph	22	327-1275	1	Board, Printed Circuit – NCM
6	300-5383	1	Board, Printed Circuit – LED	23	870-2213-02	4	Standoff, Hex Threaded – With NCM
7	819-1137-02	4	Screw, Pan Head – Cross Recessed (M3 x 8)	24	338-3994	1	Harness, Panel Light
8	098-7904	2	Label, Danger	25	322-0488	3	Lens, LED
9	338-3991	1	Harness, Control – Door	26			Screw, Pan Head – Cross Recessed (M3 x 6)
10	402-0764-01	4	Mount, Isolator		819-1137-01	9	Without Bargraph
11	406-0845	1	Pin, Hinge		819-1137-01	15	With Bargraph
12	322-0491	3	Lamp, LED	27	335-0189	1	Cable, Ribbon
13	300-5381	1	Board, Printed Circuit – Base	28	332-1445	3	Tie, Cable
14	319-4497	1	Guard, Electrical	29	098-7918	1	Label, Information
15	517-0356	1	Plug, Hole (Fits 22.5mm DIA. Hole)	30	098-7961-01	1	Label, Information – Panel Insert
16	517-0357	1	Plug, Hole (Fits 38mm DIA. Hole)	31	098-7989	1	Label, Instruction – Torque
17	517-0355	2	Plug, Hole (Fits 16mm DIA. Hole)	32	308-0999	1	Switch, Emergency Stop
18	815-0792-02	2	Screw, Machine – Pan Head (M4 x 0.7 x 8)	33	308-1085	1	Switch, Selector
19	819-1144	2	Screw, Pan Head – Cross Recessed (M6 x 8)	34	098-8057	1	Label, Information – Rating
				35	098-6984	1	Label, UL
				36	337-0049	1	Strap, Bond

Alarm Module

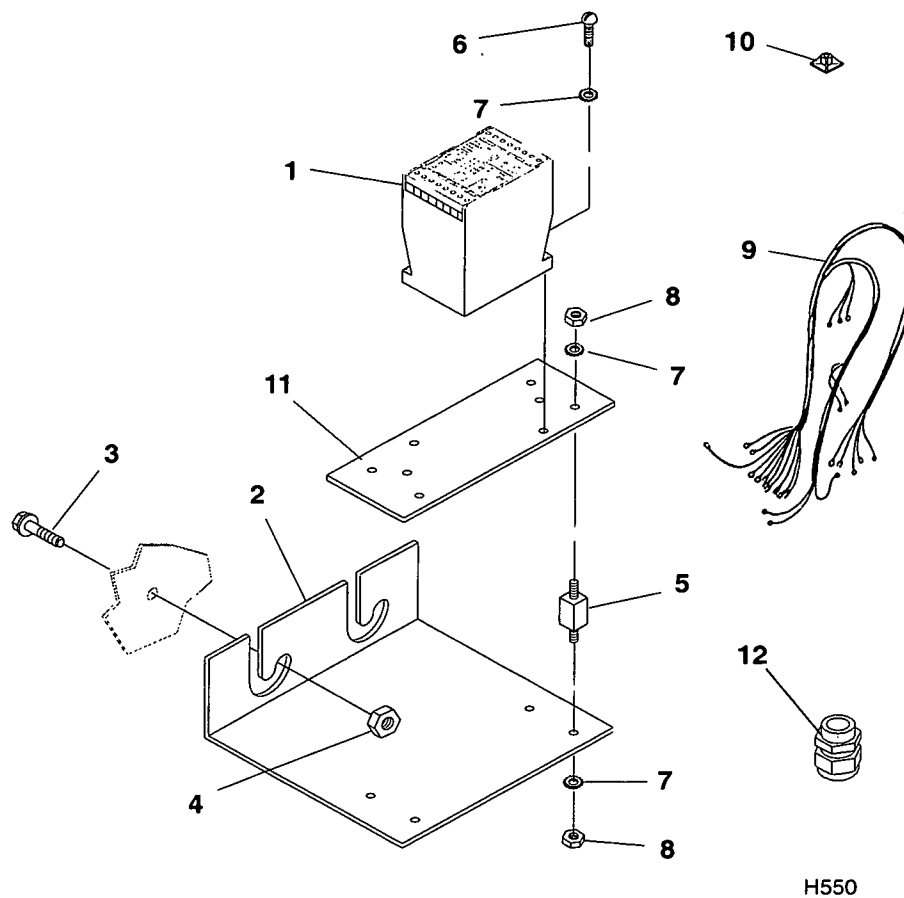


KA08

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3998-01	1	Module, Alarm (24V)
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	323-2003-01	1	Strain Relief

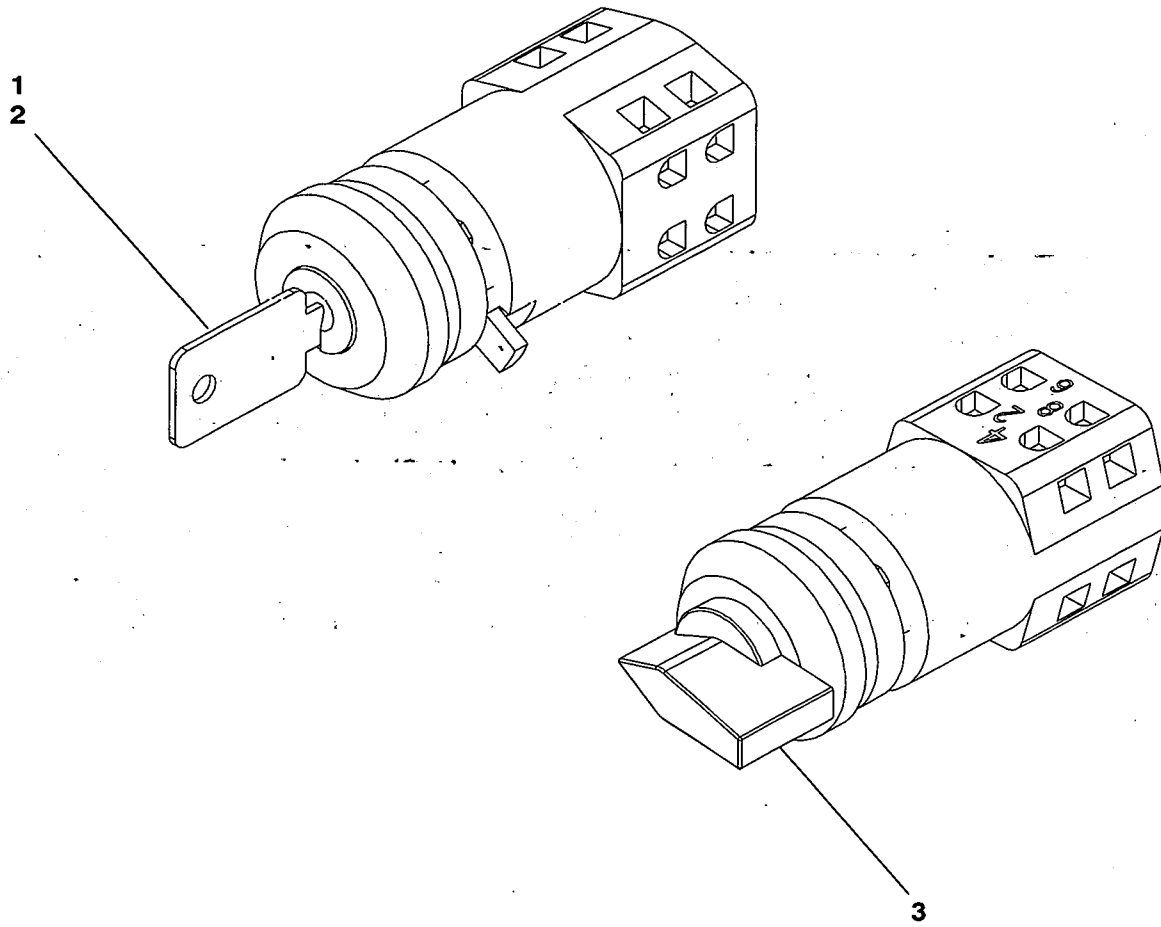
Ground Fault Relay



H550

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2843	1	Relay (GFA)	7	853-0005	8	Washer, Lock - EIT (#8)
2	301-6987	1	Bracket, Mounting	8	870-0221	10	Nut, Hex (#8-32)
3	821-0017	2	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")	9	338-4245	1	Harness, Wiring
4	870-0257	2	Nut, Hex - Self-Locking (5/16-18)	10	332-2420	2	Mount, Cable Tie
5	402-0354	4	Mount, Shock	11	319-0030	1	Plate, Mounting
6	812-0081	2	Screw, Machine - Round Head (#8-32 x 5/8")	12	323-2003-01	1	Strain, Relief

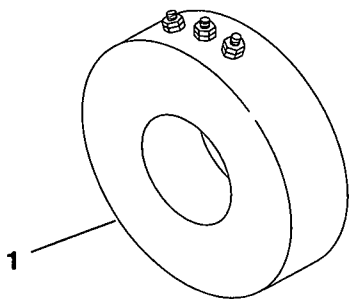
Operator Switch



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

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	308-1085	1	Switch, Selector

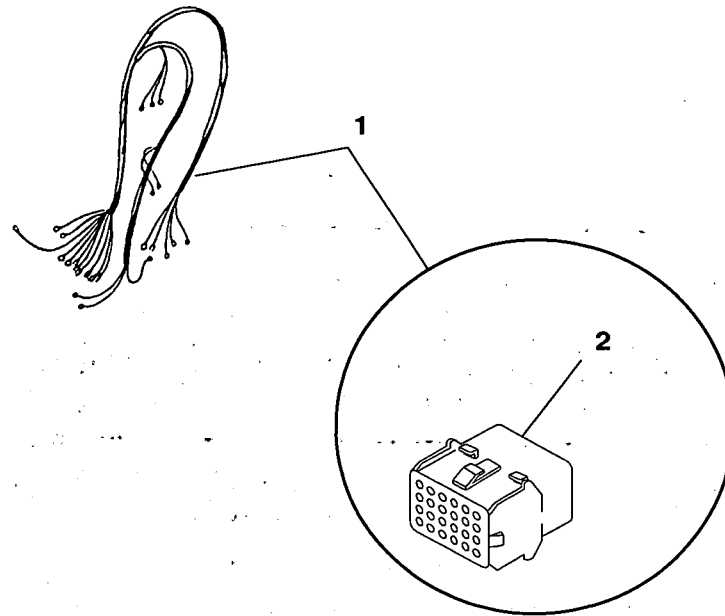
Current Transformer



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Transformer, Current
	302-2057-23	3	Ratio 867/1 or 1734/1
	302-2057-24	3	Ratio 946/1 or 1892/1
	302-2057-27	3	Ratio 1104/1 or 2208/1
	302-2057-29	3	Ratio 1262/1 or 2524/1

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
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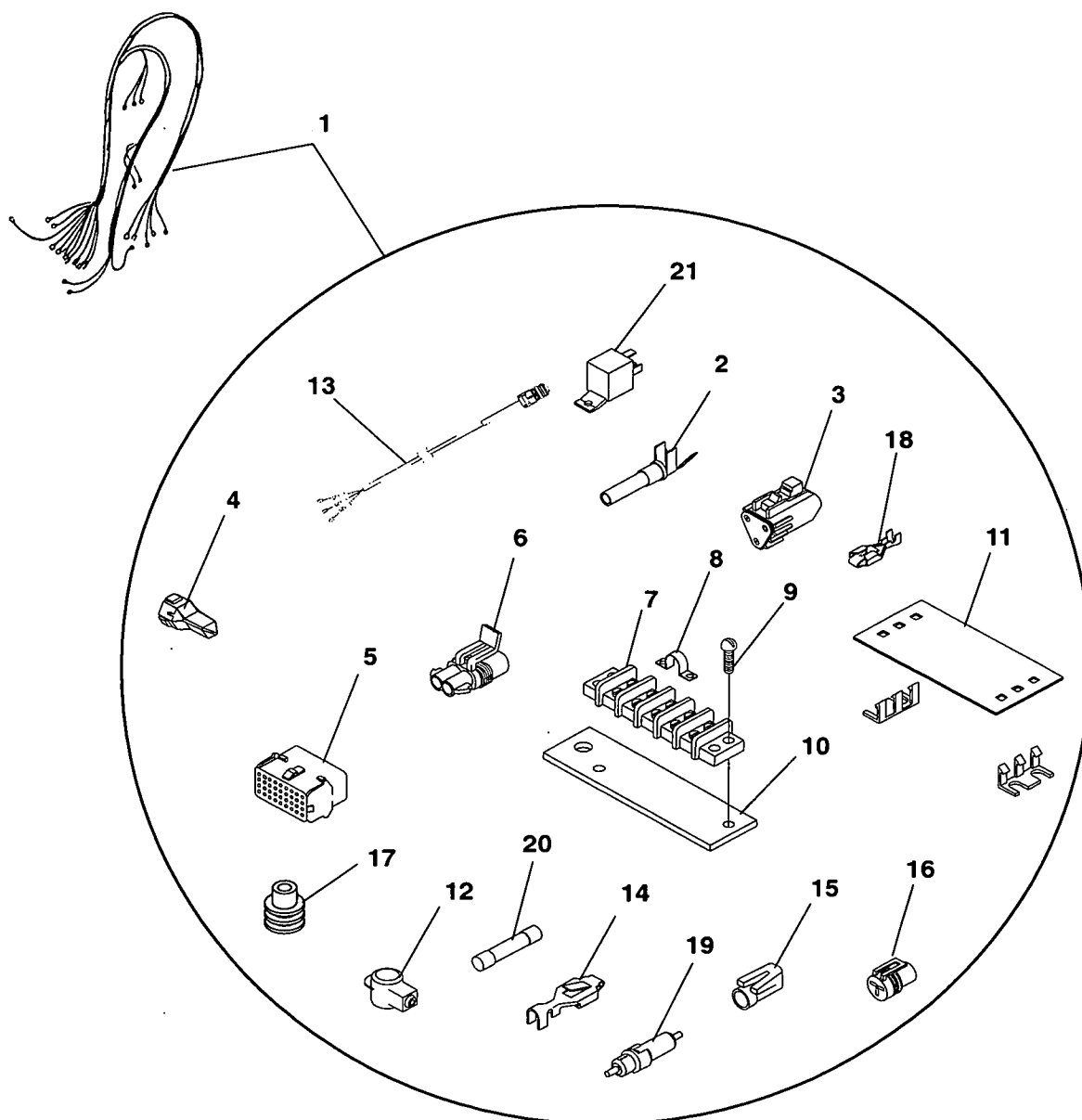
AC Wiring Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4186		Harness, Wiring – PMG (Includes Plug)

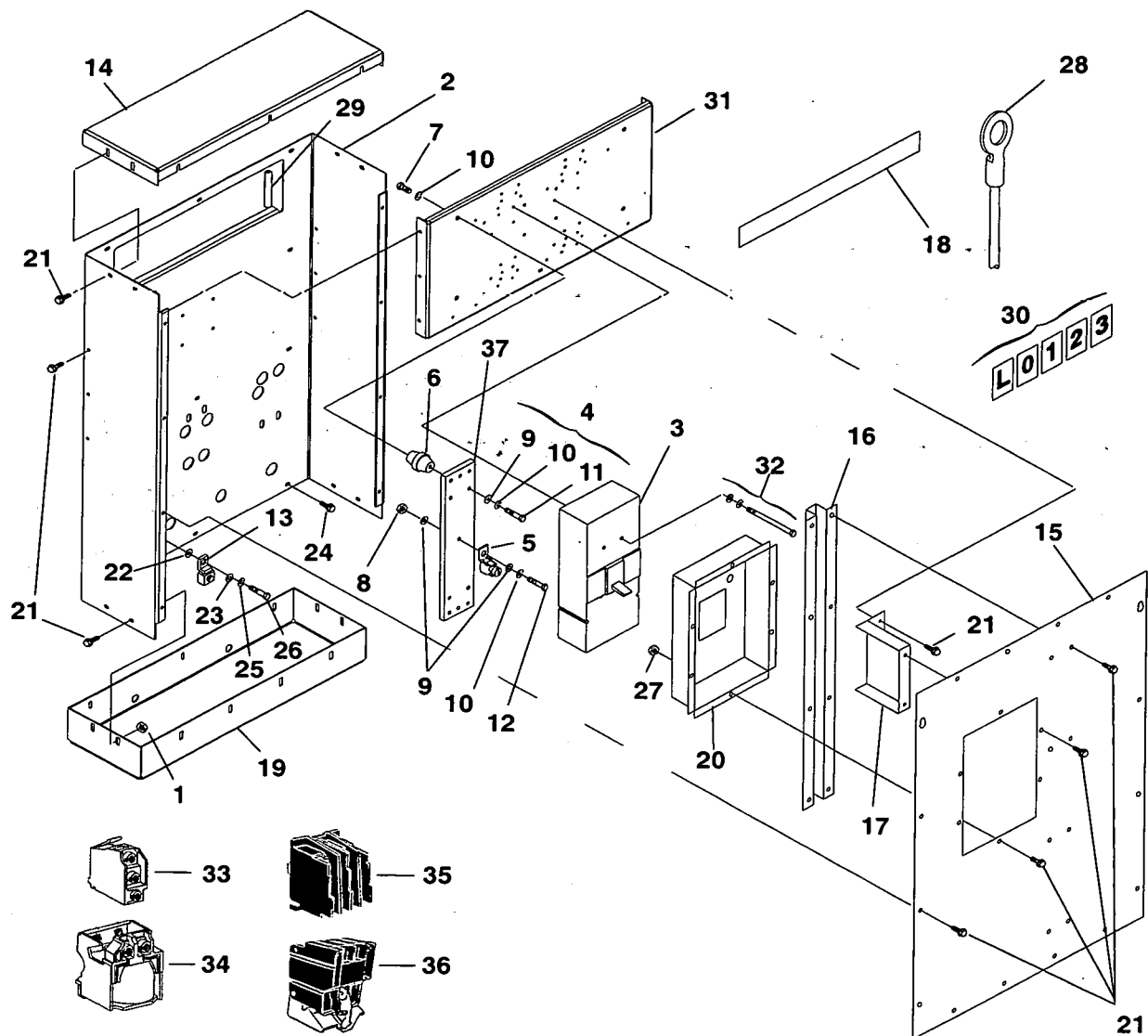
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	323-1523	1	Plug, Connector (24 Place)

Engine Wiring Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4194	1	Harness, Wiring – Engine to Control (Includes Parts Listed Below)	11	332-3792-01	1	Cover, Terminal Block (Includes Spring Clips)
2	323-1492	3	Socket, Contact	12	416-1021-03	2	Boot
3	323-1493	1	Connector, Plug	13	338-2592-01	1	Cable, Magnetic Pickup
4	323-1503	1	Wedge, Plug	14	323-1667	3	Socket, Terminal
5	323-1525	1	Connector – 36 Pin	15	323-1666	1	Connector, Socket
6	323-1755	2	Connector, Socket	16	323-1765	1	Housing, Connector (4 Pin)
7	332-0604	1	Block, Terminal	17	323-1708	4	Seal, Cable
8	332-1043	4	Jumper	18	323-1709	4	Terminal, Socket
9	815-0538	2	Screw, Cross Recessed – Pan Head – W/ET (#8-32 x .50)	19	321-0371	1	Holder, Fuse
10	319-2006-05	1	Bracket, Terminal Mounting	20	321-0372-01	1	Fuse (3 Amp)
				21	307-2817-02	1	Relay (24V)

Circuit Breaker and Disconnect Switch **UL Listed, IEC Conformity**



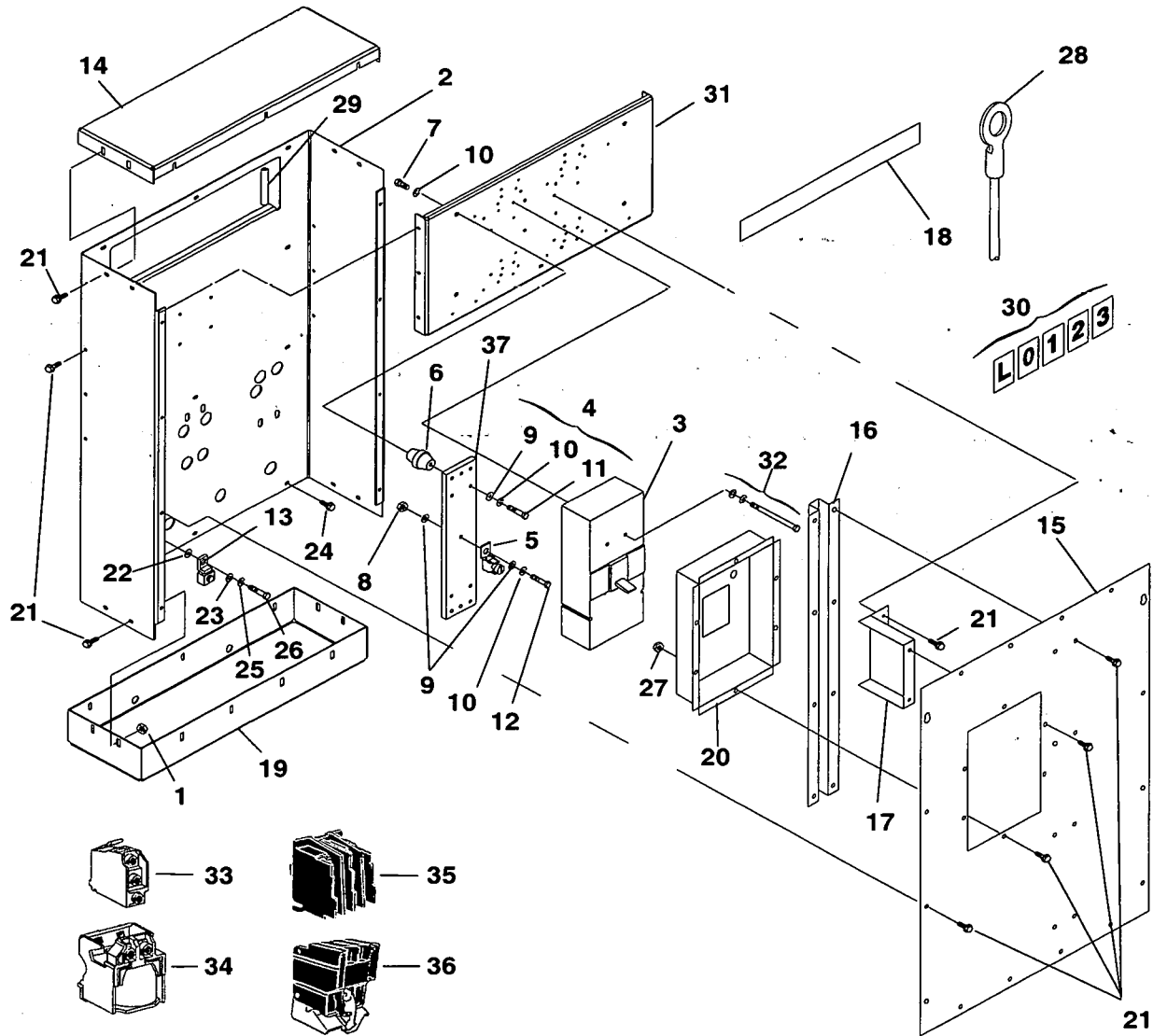
Circuit Breaker and Disconnect Switch UL Listed, IEC Conformity

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0504	16	Nut, Self-Retaining (M6)	15			Cover
2	319-3169	1	Box		319-1917	1	All Except 4 Pole Switches Mounted on the Right Side When Facing Control
3			The following listed Circuit Breakers and Disconnect Switches include lugs and mounting hardware.		319-2463	1	4 Pole Switches Mounted on the Right Side When Facing Control
			Circuit Breakers				
			3 Pole (UL, IEC)	16	319-3284	1	Brace, Cover
	320-1959-06	1	125 Amp	17	319-3333	1	Brace, Cover
	320-1959-05	1	150 Amp	18	091-0002	1	Strip, Copper (Used for wrapping end of leads before securing to circuit breakers and disconnect switches) (Quantity Used As Required)
	320-1959-04	1	175 Amp				
	320-1959-03	1	200 Amp				
	320-1959-02	1	225 Amp				
	320-1959-01	1	250 Amp				
	320-1960-06	1	300 Amp	19	319-3183	1	Panel - Bottom
	320-1960-05	1	350 Amp	20			Cup
	320-1960-04	1	400 Amp		319-2431-27	1	1-1/4" x 3" Opening
	320-1960-03	1	450 Amp		319-2431-26	1	2-7/8" x 4" Opening
	320-1960-02	1	500 Amp		319-2431-30	1	3-5/16" x 4-3/8" Opening
	320-1960-01	1	600 Amp		319-2431-31	1	2-1/2" x 4-9/16" Opening
	320-1964-05	1	700 Amp	21	821-6002-03	53	Screw, Self-Locking - Hex Washer Head (M6 x 16mm)
	320-1964-04	1	800 Amp				
	320-1964-03	1	900 Amp	22	856-0010	1	Washer, Lock - EIT (3/8")
	320-1964-02	1	1000 Amp	23	526-2120	1	Washer, Flat (M10)
	320-1964-01	1	1200 Amp	24	821-2034	2	Screw, Self-Locking - Hex Washer Head (M6 x 25mm)
			4 Pole (IEC)				
	320-1960-10	1	320 Amp	25	850-2010	1	Washer, Lock - Spring (M10)
	320-1960-09	1	400 Amp	26	800-2088	1	Screw, Cap - Hex Head (M10 x 25mm)
	320-1960-08	1	500 Amp				
	320-1960-07	1	630 Amp	27	870-2054	4	Nut, Hex - Flange (M6)
	320-1964-08	1	800 Amp	28			Lead (Quantity Used As Required) 39" (Without Markings) (#1/0 Wire)
	320-1964-07	1	1000 Amp				
	320-1964-06	1	1250 Amp		226-4406-03	1	1/2" Ring Terminal End to 1" Stripped End
			Disconnect Switches		226-4406-04	1	1/2" Ring Terminal End to 1/2" Ring Terminal End
			3 Pole (UL, IEC)				
	320-1990-02	1	400 Amp	29	508-1092	-	Edging - Bulk (Order By The Foot - 3 Feet Required)
	320-1990-01	1	600 Amp	30			Label, Marker (10 Characters Per Card) (Quantity Used As Required)
	320-1992-02	1	800 Amp				
4	300-3515-01	1	Bar Assembly, Neutral - Used on 3 Pole Circuit Breakers and Disconnect Switches (Includes Parts Marked *)		098-5854-06	1	Marked "L"
5	332-3788	3	*Lug, Solderless		098-5854-07	1	Marked "1"
6	332-2744-07	2	*Standoff, Insulator		098-5854-08	1	Marked "2"
7	800-0048	2	*Screw, Cap - Hex Head (3/8-16 x 3/4")		098-5854-09	1	Marked "3"
8	862-0003	6	*Nut, Hex (3/8")		098-5854-10	1	Marked "0"
9	526-0399-20	8	*Washer, Flat	31	319-3329	1	Bracket, Mounting
10	850-0050	10	*Washer, Lock - Spring (3/8")				
11	800-0051	2	*Screw, Cap - Hex Head (3/8-16 x 1-1/4")				
12	800-0053	6	*Screw, Cap - Hex Head (3/8-16 x .75)				
13	332-2001	1	Lug, Solderless				
14	319-1915	1	Panel - Top				

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

Continued...

Circuit Breaker and Disconnect Switch **UL Listed, IEC Conformity**



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
Continued...				Accessories, Circuit Breaker: The following are used on 320-1960-XX Circuit Breakers Switch – Used as a Trip Alarm or Auxiliary Contact 24 Volt Shunt Trip			
32			Package, Hardware – Mounting (Includes Screws, Nuts and Lock Washers – 1 Package Required Per Switch)	33	320-1981-01	1	
	320-1986-07	1	Used With 320-1960-XX Circuit Breakers	34	320-1981-03	1	
	320-1986-01	1	Used With 320-1964-XX Circuit Breakers and 320-1992-02 Disconnect Switch	35	320-1977-01	1	Accessories, Circuit Breaker: The following are used on 320-1964-XX Circuit Breakers Switches – Includes 1 Trip Alarm and 1 Auxiliary Contact 24 Volt Shunt Trip
				36	320-1977-03	1	
				37	337-3514	2	*Bar, Bus – Neutral

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

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