

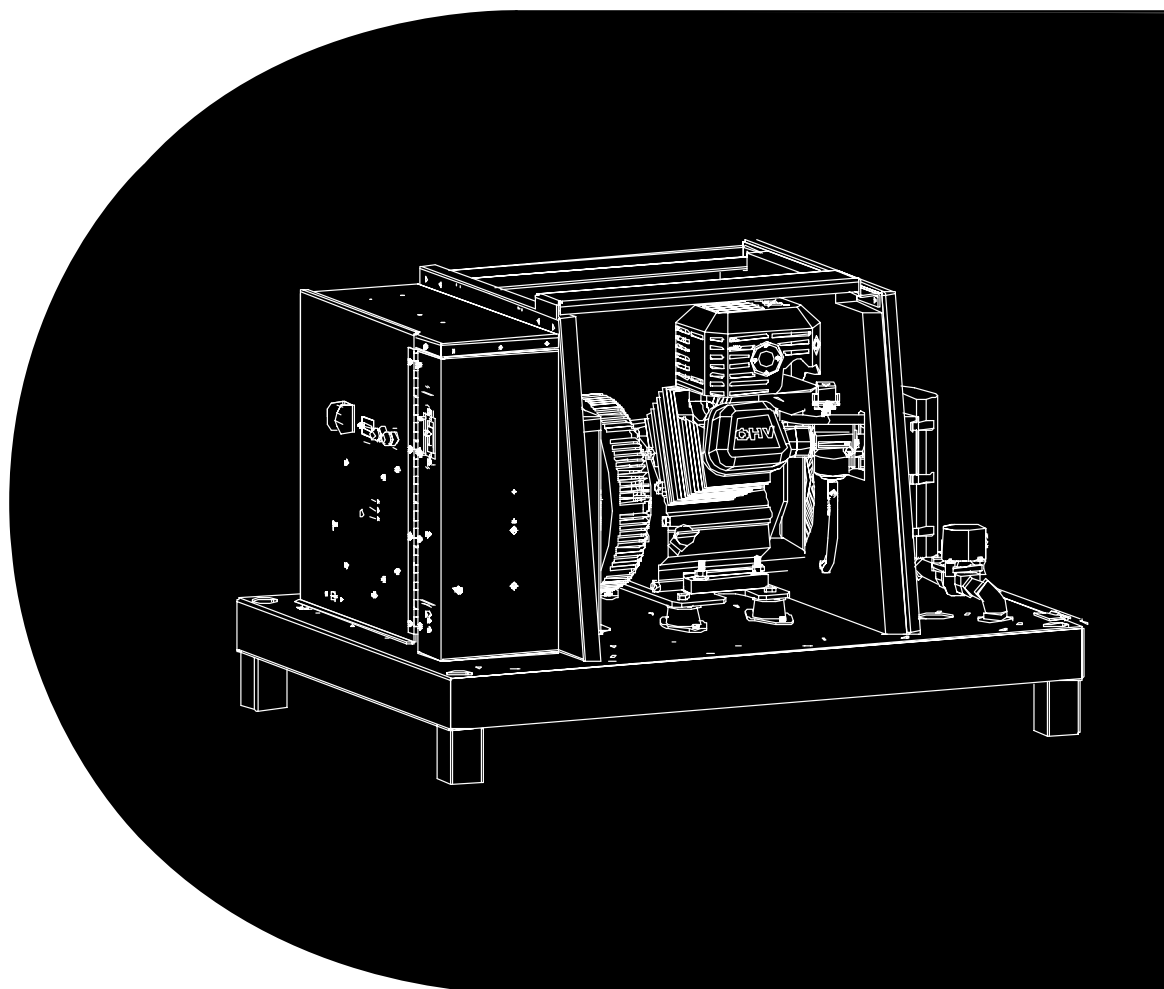
# Parts Catalog

## Models

GCAA (Begin Spec C)

GCAB (Begin Spec C)

GCAC (Begin Spec C)



965-0270 (Spec C) 12-2001

Printed in U.S.A.

**Supplement 965–1080**

**Date:** 8–27–04

***Insert with-***

**Title:** GCAA, GCAB, GCAC Parts Catalog

**Number:** 965–0270

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## **PURPOSE**

This publication adds supplementary information to the following page of the GCAA, GCAB, GCAC Parts Catalog.

Page 43 – Added part number to item 11 (PC Board) for 24V unit.

## **SUPPLEMENT USE**

Refer to the corresponding page of your manual and write “IMPORTANT: REFER TO SUPPLEMENT”.

Please keep this supplement with the Parts Catalog (965–0270).

## Control Door

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4276-02	1	Door, Control	14	187-5042-01	1	Holder, Fuse (Includes Cap and Nut)
2	819-1136-02	4	Screw, Machine Pan Head (7/16-40 x 3/8")	15	332-3682	1	Clamp, Cable
3	870-2226-01	6	Nut and Captive Washer (7/16"-40	16	187-5038-01	1	Strap, Ground
4	406-0948	2	Latch, Spring	17	405-6668-02	1	Bracket, Fuel Switch (GCAC)
5			Nut and Captive Washer (3/16"-32)	18	308-1108	1	Switch, Toggle (GCAC)
	870-2226-05	17	GCAA	19	406-0949-02	1	Hinge
	870-2226-05	19	GCAC	20	319-4279	1	Gasket, Cover Plate
6	187-5127	1	Switch (S1) (Includes Nuts) (Part of Wiring Harness)	21	319-4277-02	1	Plate, Cover
7	319-4188	4	Standoff	22			Screw, Machine Hex Washer Head (3/16-32 x 1/2")
8			Clamp, Cable		815-0973-30	17	GCAA
	332-0905	2	GCAA		815-0973-30	19	GCAC
	332-0905	4	GCAC	23			Screw, Machine Pan Head
9	870-2226-02	4	Nut and Captive Washer (9/64"-32)		819-1136-05	4	GCAA (9/64-32 x 1/4")
10	326-0330-xx	1	Microcontroller (Refer to Label on Existing Microcontroller for Specific Part Number)		819-1136-04	4	GCAC (9/64-32 x 3/16")
11			Control Unit-PC Board	24	098-7738	1	Label, Door
	300-5414-01	1	24V	25	187-5012-28	1	Fuse (F2) (5A)
	300-5414-02	1	48V	26			Fuse (F1)
12	302-0885	1	Meter, Hour		187-5012-32	1	GCAA (10A)
13	187-5042-02	1	Holder Assembly, Fuse (Includes Cap and Nut)		187-5012-35	1	GCAC (20A)
				27	187-5080-02	1	Guard, Switch
				28	819-1136-03	2	Screw, Machine Pan Head (7/64-40 x 1/2")
				29	098-7727	1	Label, Fuel Switch

## 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!***

PSP-1

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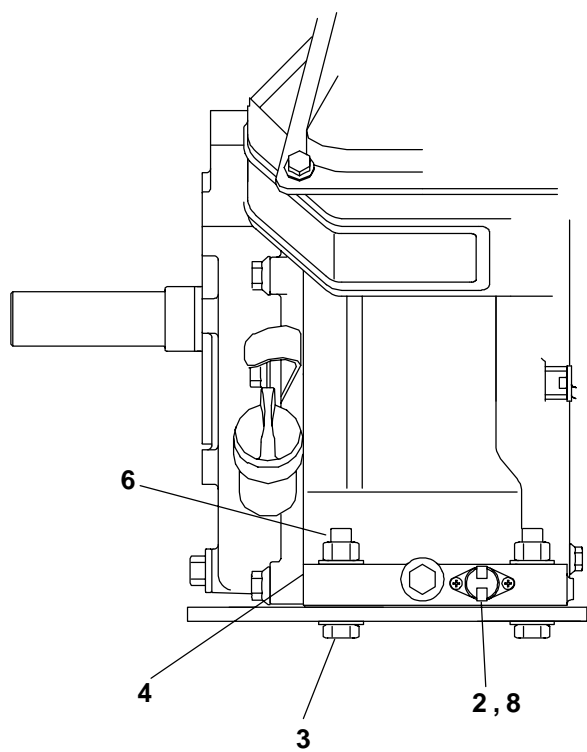
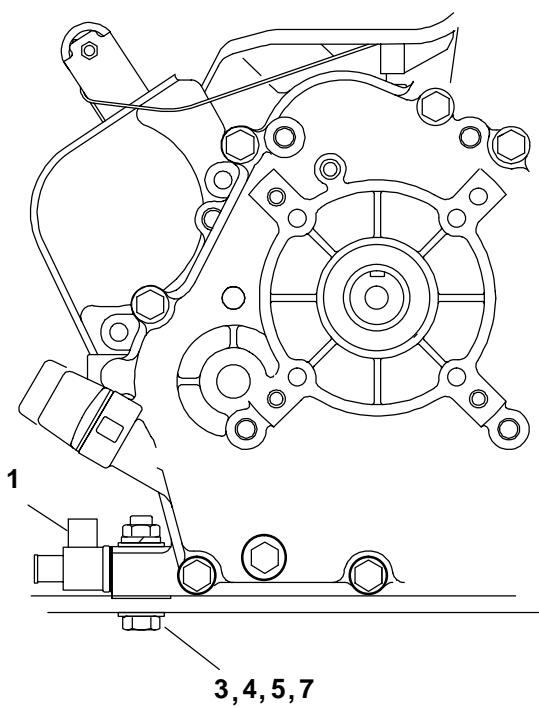
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# Engine Mount GCAA

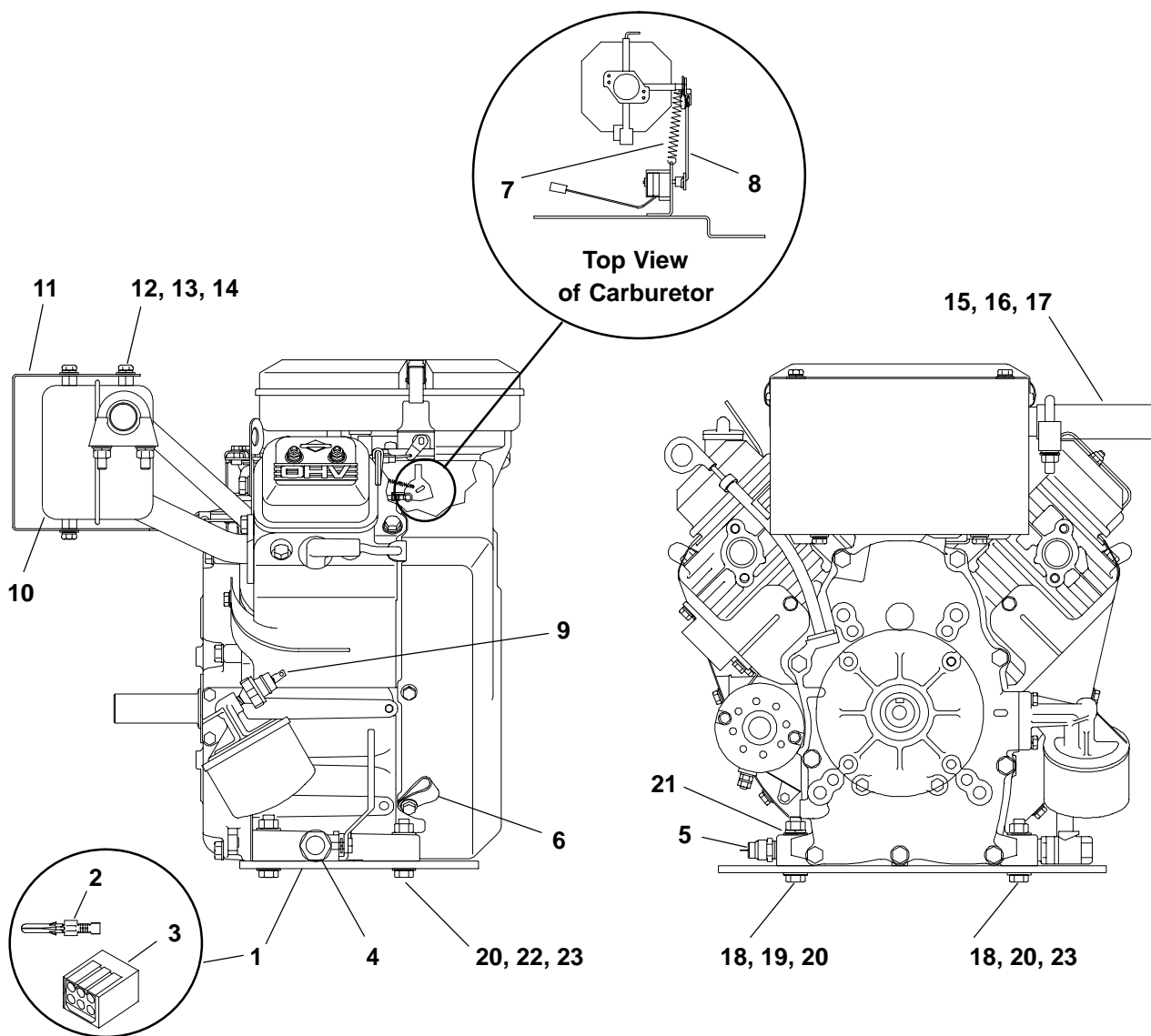


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	100-3592	1	Engine-Replacement
1	504-0201	1	Valve-Oil Drain
2	187-5082-02	1	Thermostat
3	800-0053	4	Bolt-Hex (3/8-16 x 1-3/4")
4	526-0346	8	Washer-Flat (3/8")
5	850-0050	1	Washer-Lock (3/8")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	187-5208-03	3	Nut-Lock (3/8"-16)
7	864-1003	1	Nut-Jam
8	809-0009	2	Screw-Thread Cutting (7/64-40 x 1/4")



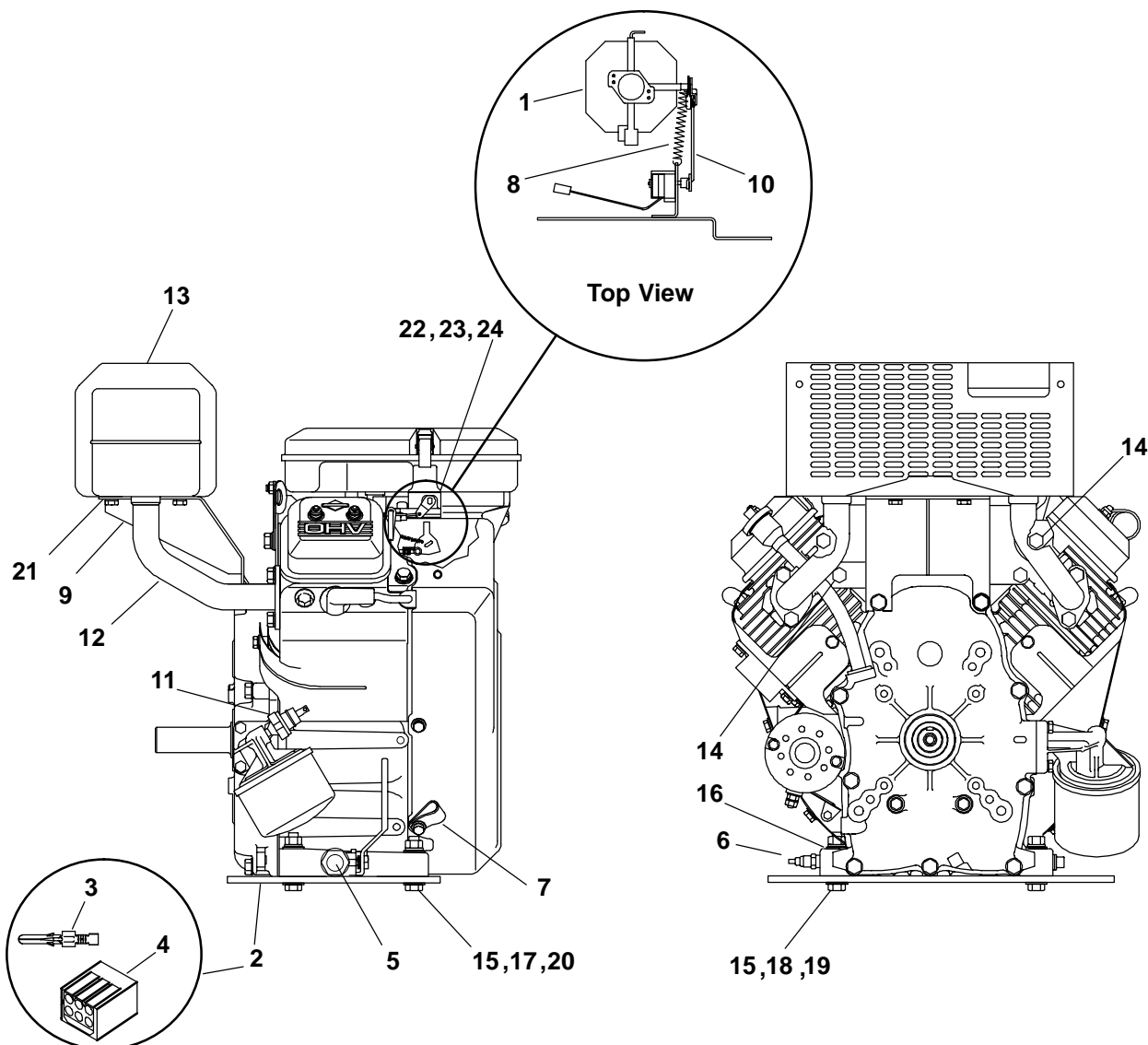
## Engine Mount GCAB



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	100-3579	1	Engine, Replacement
	187-5142	1	Plate Assembly, Engine Mounting (Includes Heater Pad Assembly [Not Sold Separately], Plug and Terminals)
2	323-1864-02	1	Plug
3	323-1865-02	2	Terminal, Male
4	504-0200	1	Valve, Oil Drain
5	187-5243-01	1	Thermostat, Immersion Type
6	332-1022	1	Clamp, Cushion Loop
7	187-5181	1	Spring
8	150-2757	1	Link, Stepper Motor
9	187-5168	1	Switch, Oil Pressure
10	187-5169	1	Muffler
11	134-5221	1	Shield, Heat

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	526-0324	6	Washer, Flat (1/4")
13	850-2006	6	Washer, Lock Spring Helical (M6)
14	800-2033	6	Capscrew, Hex Metric (M6 x 16)
15	155-3355	1	Tube, Exhaust
16	155-1257	1	Clamp, Exhaust (Includes Nuts)
17	850-0045	2	Washer, Lock Spring Helical (5/16")
18	800-0033	1	Bolt, Hex (5/16"-18 x 2")
19	862-0015	1	Nut, Hex (5/16"-18)
20	526-0397	8	Washer, Flat (5/16")
21	854-0017	1	Washer, Lock IT (5/16")
22	800-0032	3	Bolt, Hex (5/16"-18 x 1-3/4")
23	870-0048	3	Nut, Self-Locking Hex (5/16"-18)

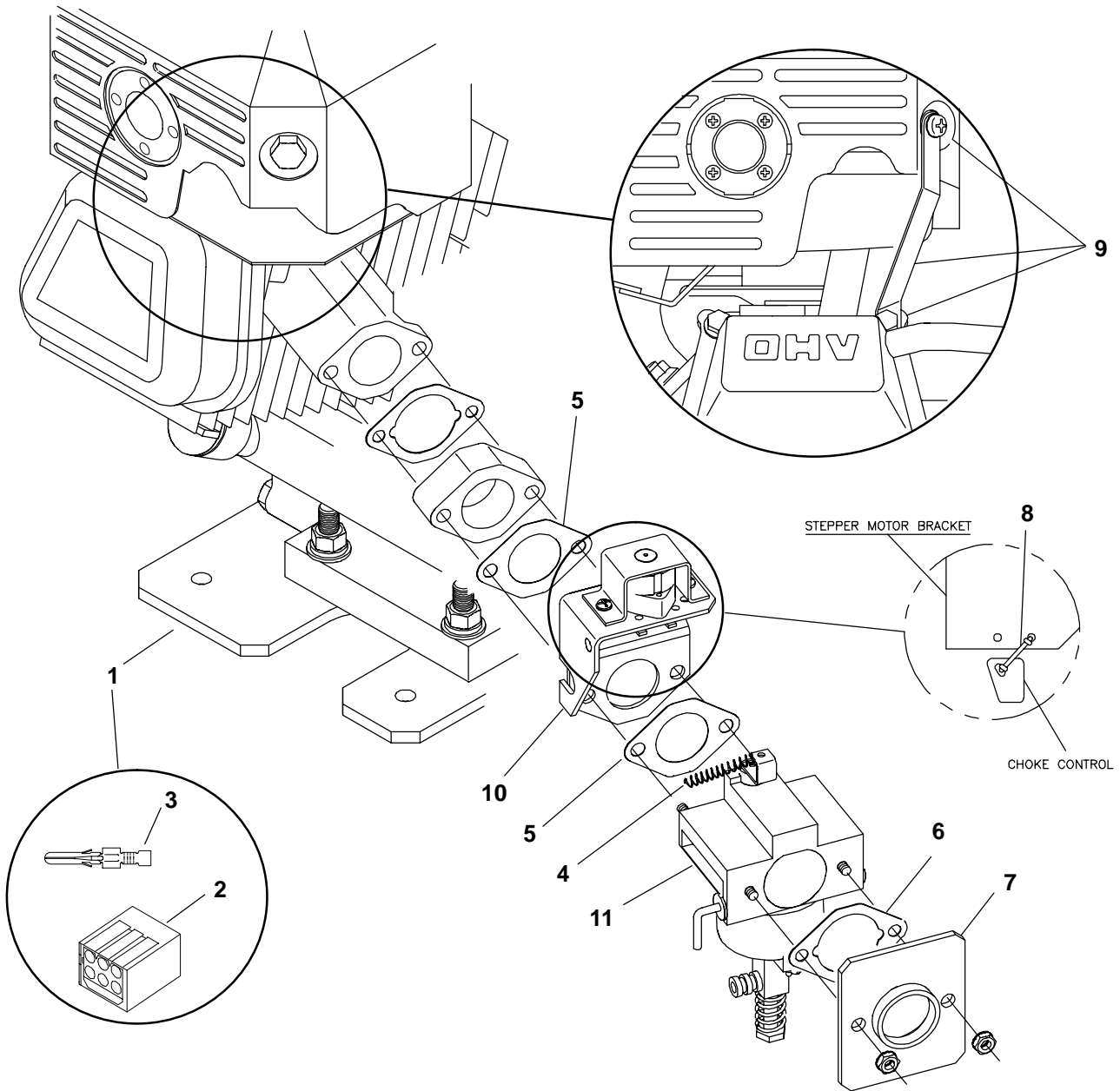
## Engine Mount GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	100-3656	1	Engine, Replacement
1	146-0788	1	Carburetor, Modified
2	187-5142	1	Plate Assembly, Engine Mounting (Includes Heater Pad Assembly [Not Sold Separately], Plug and Terminals)
3	323-1864-02	1	Plug
4	323-1865-02	2	Terminal, Male
5	504-0200	1	Valve, Oil Drain
6	187-5243-01	1	Thermostat, Immersion Type
7	332-1022	1	Clamp, Cushion Loop
8	187-5181	1	Spring
9	155-3453	1	Bracket, Muffler
10	150-2757	1	Link, Stepper Motor
11	187-5168	1	Switch, Oil Pressure
12	155-3447	1	Muffler

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
13	155-3452	1	Shield, Heat
14	800-0257	2	Screw, Hex Head Cap (M8 x 1.25 x 20mm)
15	526-0397	5	Washer, Flat (5/16")
16	854-0017	1	Washer, IT Lock (5/16")
17	800-0033	1	Bolt, Hex (5/16"-18 x 2")
18	862-0015	1	Nut, Hex (5/16"-18)
19	800-0032	3	Bolt, Hex (5/16"-18 x 1-3/4")
20	870-0048	3	Nut, Self-Locking Hex (5/16"-18)
21	815-0972	4	Screw, Tapping (1/4"-20 x 3/4")
22	145-0814	2	Gasket, Carburetor to Manifold
23	154-3118	2	Gasket, Intake Manifold
24	140-3219	1	Gasket, Carburetor to Air Cleaner

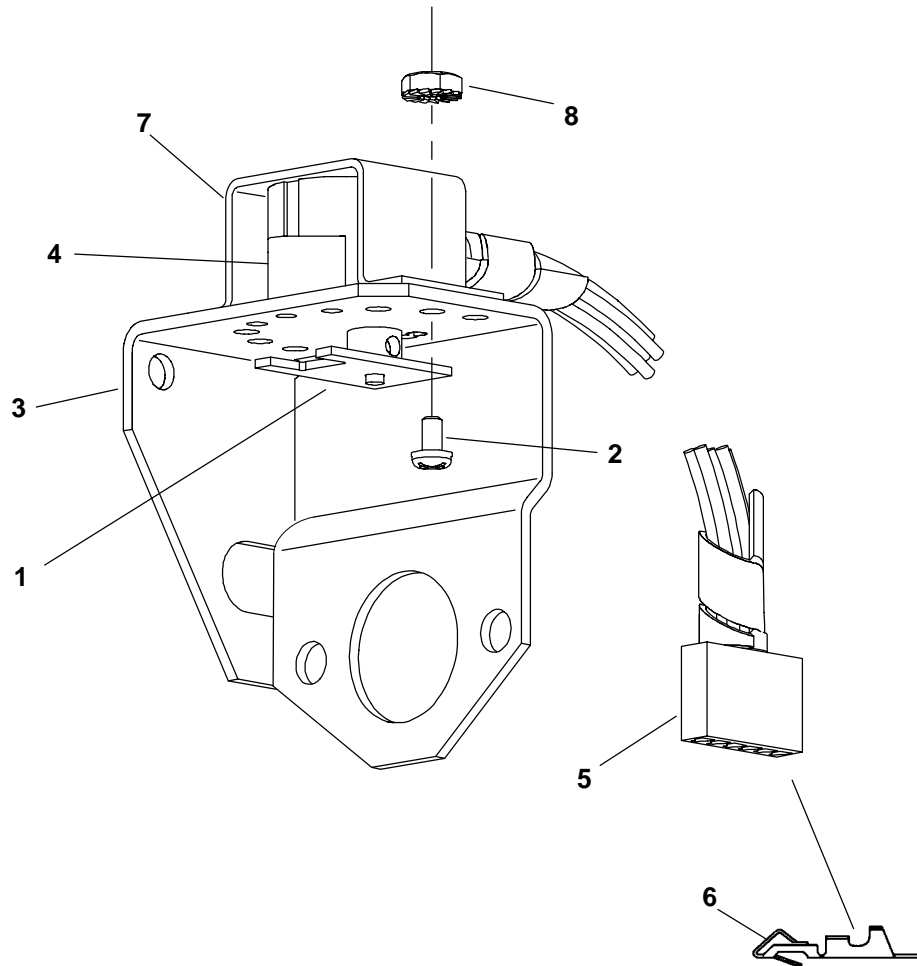
## Carburetor GCAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5021	1	Plate Assembly (Includes Heater Pad Assembly [Not Sold Separately], Plug and Terminals)
2	323-1864-02	1	Plug
3	323-1865-02	2	Terminal, Male
4	187-5091	1	Spring
5	140-3240	2	Gasket, Mounting

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	140-3239	1	Gasket, Intake
7	140-3237-02	1	Tube, Air Cleaner
8	187-6222	AR	Wire, Safety
9	155-3357	1	Kit, Muffler Bracket (Includes Bracket and Screws)
10	150-2758	1	Motor, Stepper (See Separate Page for Components)
11	539-2051	1	Modification, Carburetor

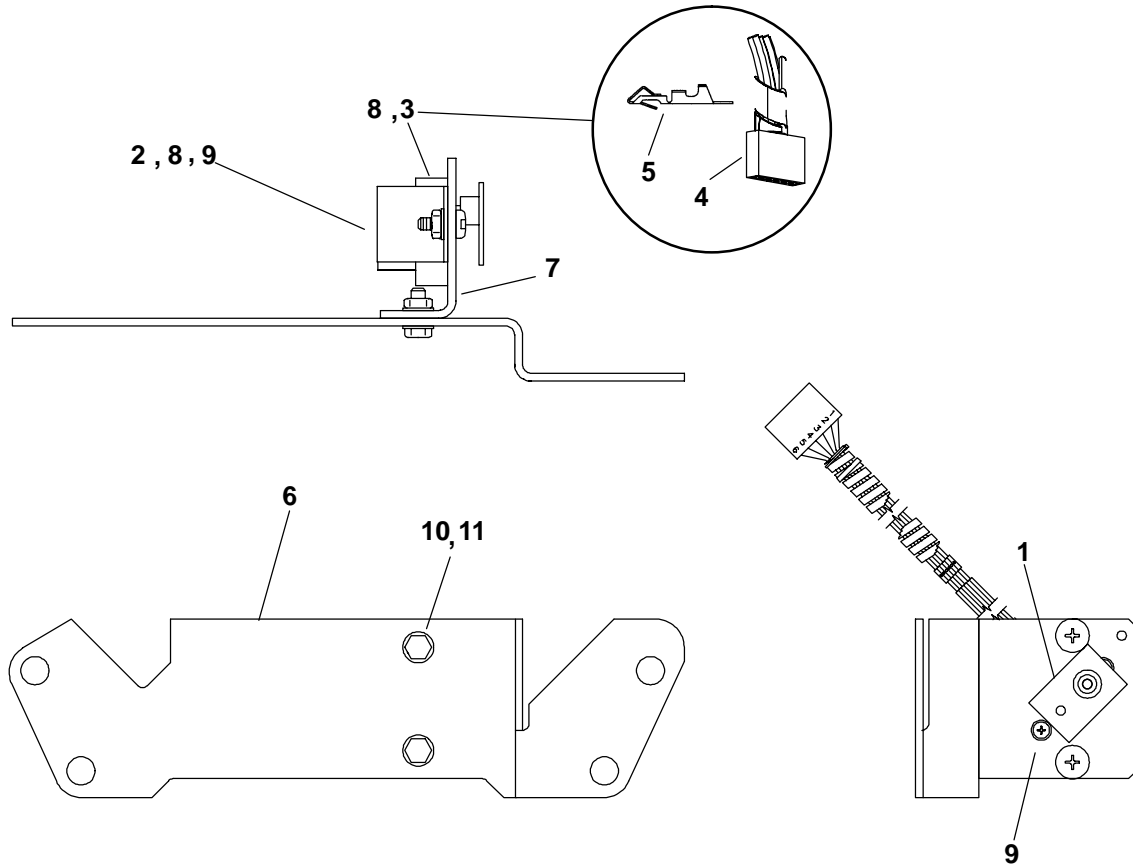
## Stepper Motor Assembly GCAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	150-2758	1	Motor Assembly, Stepper
1	187-5017-02	1	Link, Stepper Motor
2	822-1016	4	Screw, Pan Head (7/64-40 x 3/8")
3	187-5207-02	1	Bracket, Mounting
4	187-5023-01	1	Motor, Stepper (Includes Connector and Terminal)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	323-1868-06	1	Connector, 6 Position
6	332-3622	6	Terminal, Connector
7	150-2755-02	1	Holddown, Motor
8	187-5007-01	2	Nut and Captive Washer (7/64"-40)

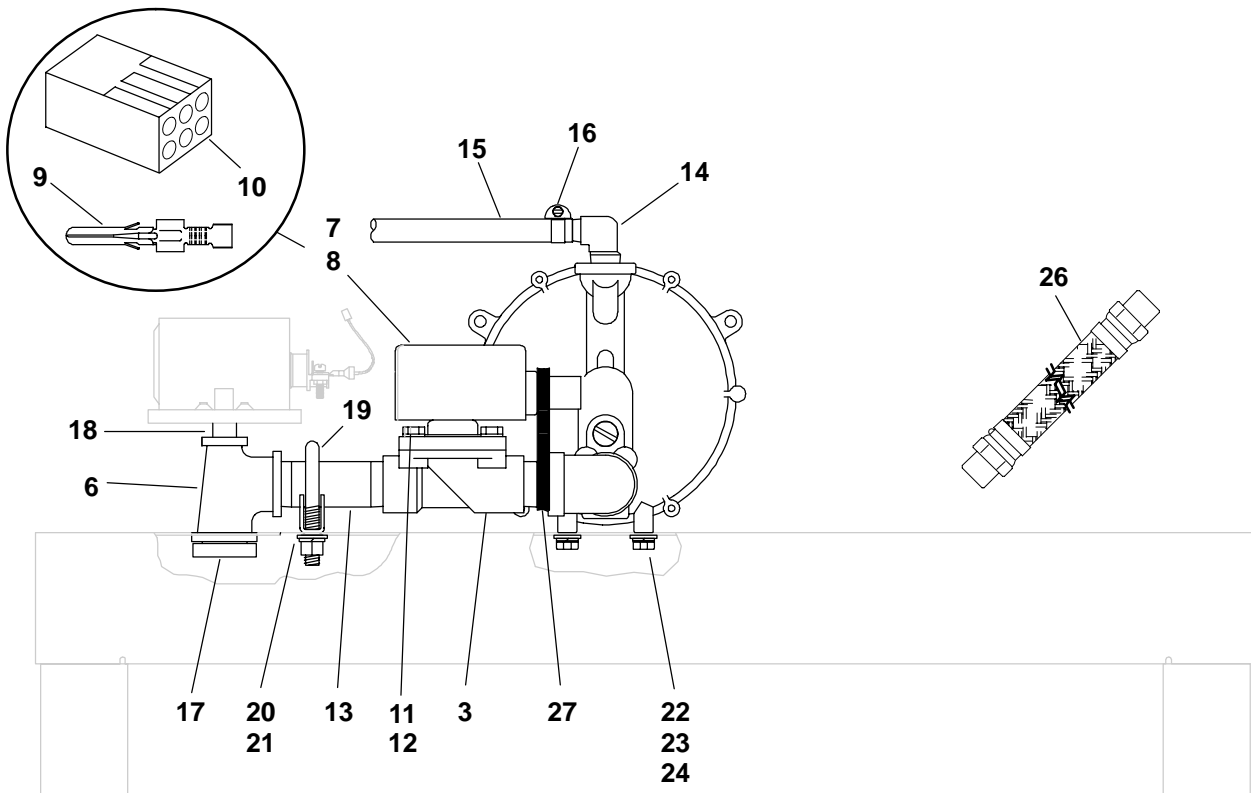
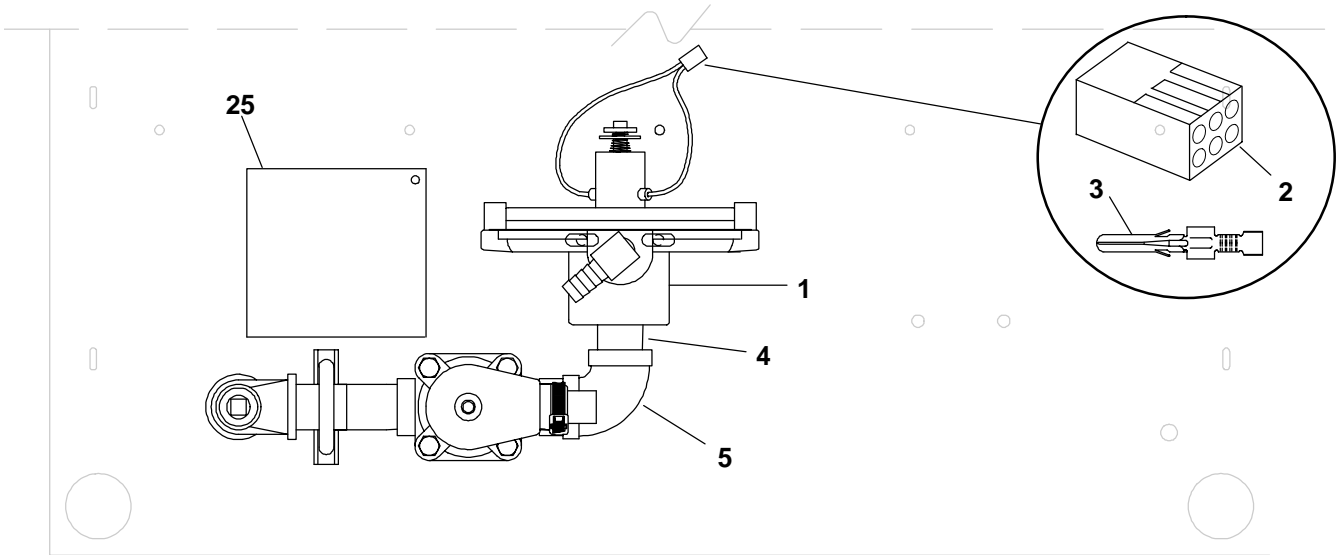
## Stepper Motor Components/Mounting GCAB, GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5022-02	1	Link
2	150-2755-02	1	Clamp, Stepper Motor
3	187-5023-02	1	Motor Assembly, Stepper (Includes Connector and Terminal)
4	323-1868-06	1	Connector, 6 Position
5	332-3622	6	Terminal, Connector
6	187-5163-02	1	Bracket, Stepper Motor
7	187-5162-02	1	Bracket, Motor – Stepper

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	822-1016	4	Screw, Pan Head (7/64-40 x 3/8")
9	187-5007-01	2	Nut and Captive Washer (7/64"-40)
10	187-5095-21	2	Screw, Hex Washer Head Machine (#10-32 x 1/2")
11	187-5007-05	2	Nut and Captive Washer (#10-32)

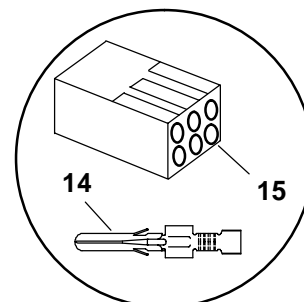
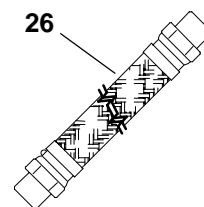
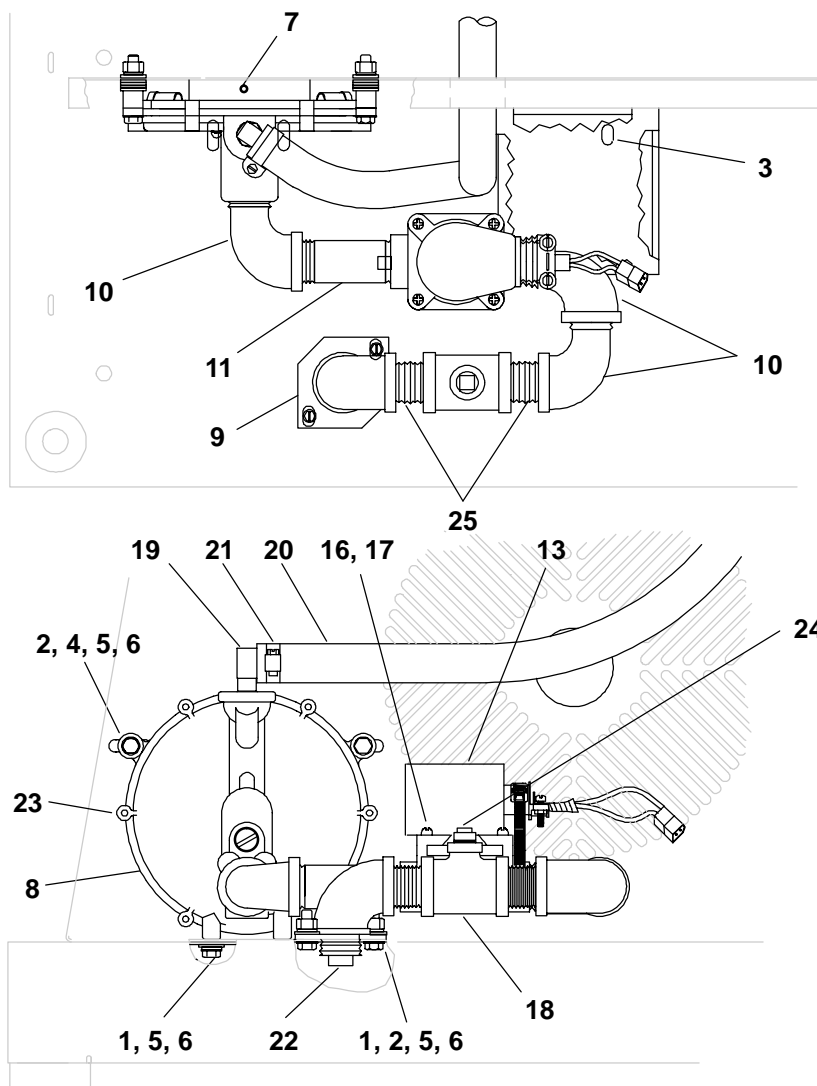
# Fuel System GCAA



## Fuel System GCAA

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5024	1	Regulator Assembly (Includes Plug and Terminals)	14	502-1171	1	Elbow, 90° Brass
2	323-1864-02	1	Plug	15	503-1797	1	Hose
3	323-1865-02	2	Terminal, Male	16	503-1133	1	Clamp, Hose
4	505-0102	2	Nipple, Close	17	517-0094	1	Caplug
5	505-0132	1	Elbow	18	502-1286-02	1	Plug, Pipe
6	505-1496	1	Tee, Reducing	19	155-1257	2	Clamp, Muffler
7	187-5028	1	Solenoid Assembly (Includes Parts Marked *)	20	526-0397	2	Washer, Flat (5/16")
8	307-2930	1	*Valve, Solenoid	21	850-0045	2	Washer, Lock (5/16")
9	323-1865-02	2	*Terminal, Male	22	800-0005	2	Bolt, Hex (1/4-20 x 3/4")
10	323-1864-02	1	*Plug	23	526-0054	2	Washer, Flat (1/4")
11	331-0567	1	*Connector	24	850-0040	2	Washer, Lock (1/4")
12	850-0025	2	*Washer, Lock	25	187-5073-02	1	Cover, Hole
13	505-0332	1	Nipple	26	501-0648	1	Hose, Fuel (Spec 778, 1378)
				27	332-1389	1	Strap, Tiedown

## FUEL SYSTEM GCAB, GCAC

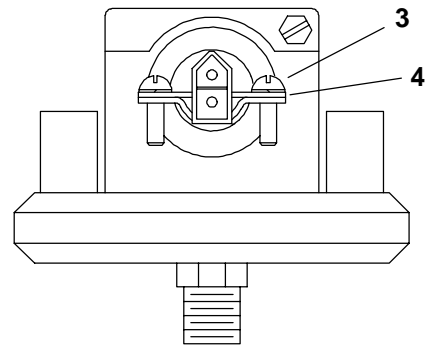
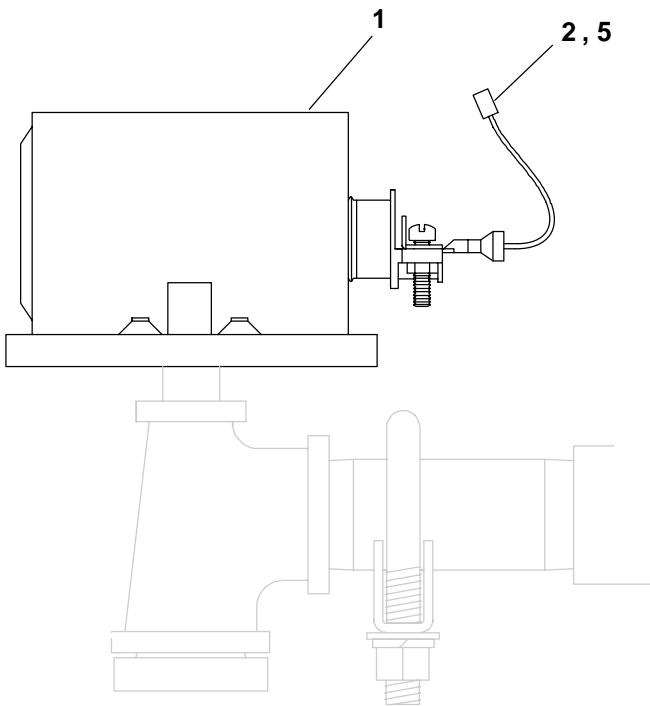
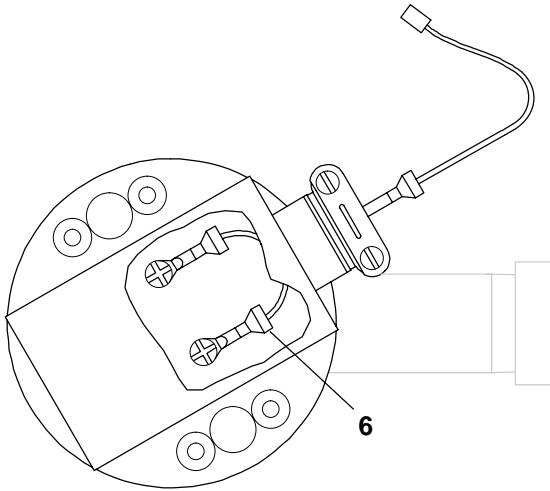


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0005	4	Bolt, Hex (1/4-20 x 3/4")	13	307-2930	1	*Valve, Solenoid
2	862-0001	4	Nut, Hex (1/4"-20)	14	323-1865-02	2	*Terminal, Male
3	187-5073	1	Cover, Hole	15	323-1864-02	1	*Plug
4	187-5095-36	2	Screw, Machine Hex Washer Head (1/4-20 x 1-1/2")	16	331-0567	1	*Connector
5	526-0054	16	Washer, Flat (1/4")	17	850-0025	2	*Washer, Lock
6	850-0040	6	Washer, Spring Lock Helical (1/4")	18	505-1496	1	Tee, Reducing
7	509-0356	1	Seal, Regulator	19	502-1352	1	Fitting-90° Hose Barb
8	187-5206	1	Regulator, Low Pressure	20	503-0633	1	Hose
9	187-5253-02	1	Elbow, 90°	21	503-1135	2	Clamp, Hose
10	505-1565-05	3	Elbow-90° Street	22	517-0094	1	Caplug
11	505-0332	1	Nipple, Black Steel	23	502-0308	2	Plug, Pipe Socket Head
12	187-5028	1	Solenoid Assembly (Includes Parts Marked *)	24	502-1286-02	1	Plug, Pipe
				25	505-0102	2	Nipple, Close
				26	501-0648	1	Hose, Fuel (Spec 1385)

\* - Parts Included in Solenoid Assembly 187-5028



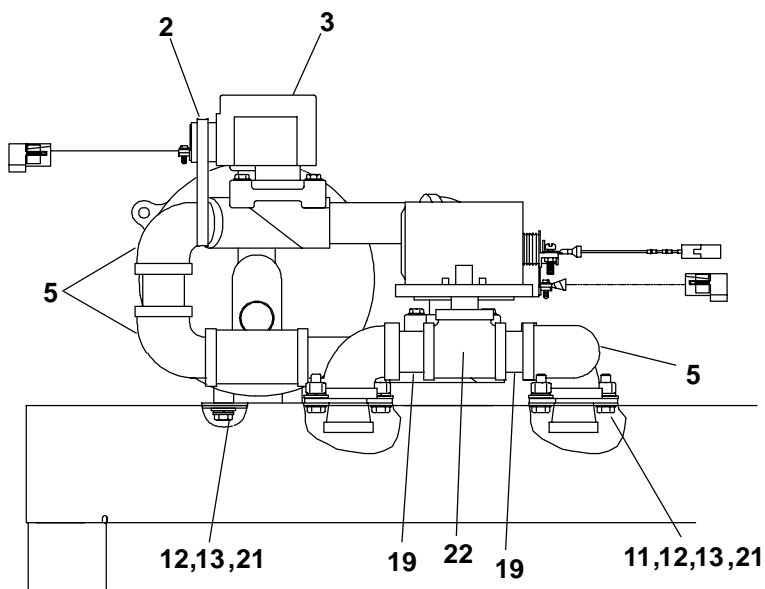
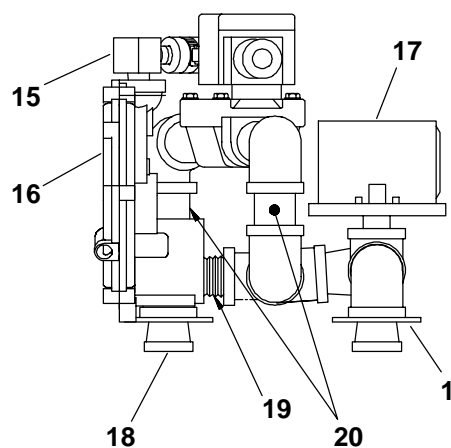
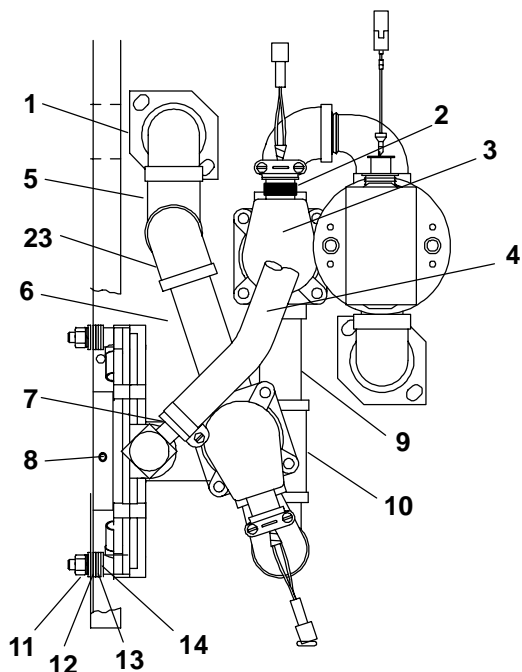
## Pressure Switch (H545)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	148-1155	1	Switch Assembly, Pressure
1	307-2951	1	Switch, Pressure
2	323-1864-02	1	Plug (J12)
3	850-0025	2	Washer, Lock

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	331-0567	1	Connector
5	323-1865-02	2	Terminal, Male
6	332-2569	2	Terminal, Lug

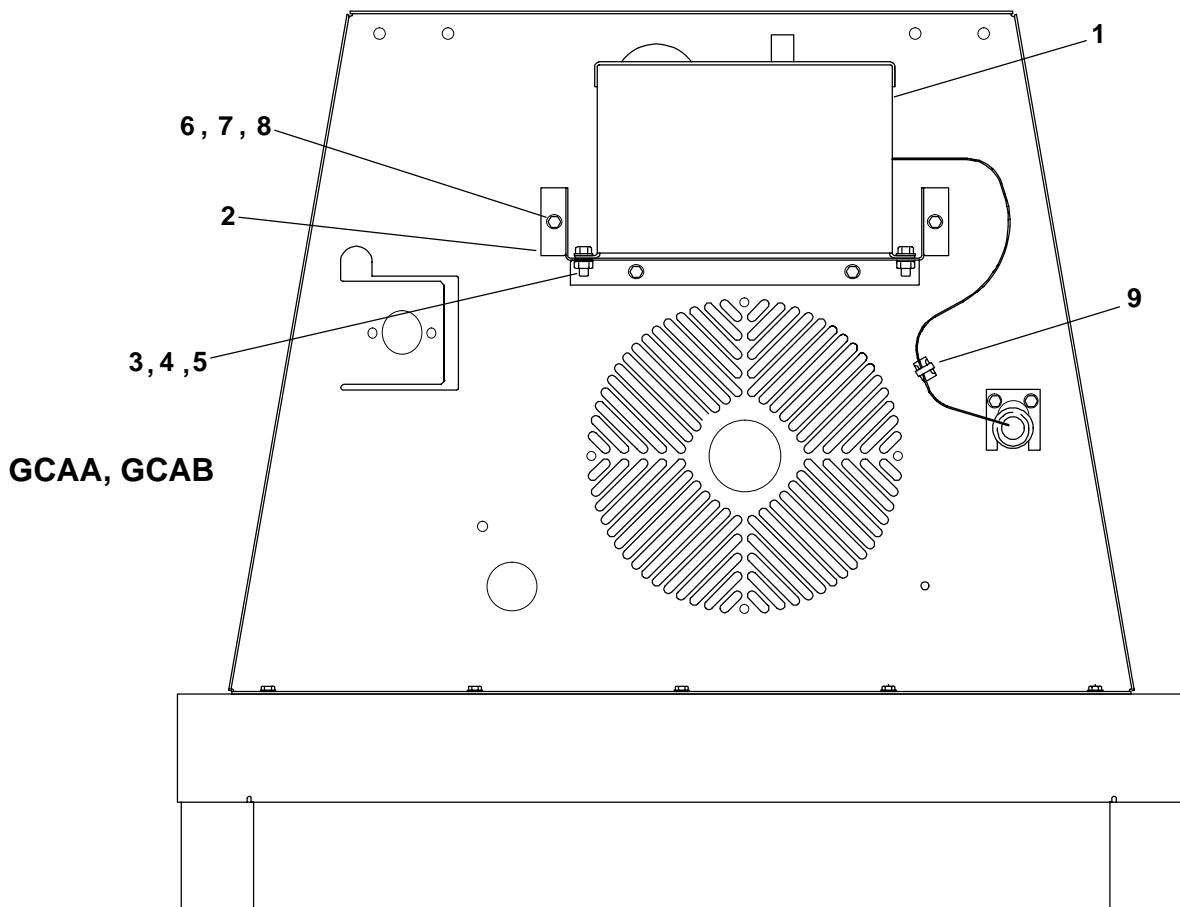
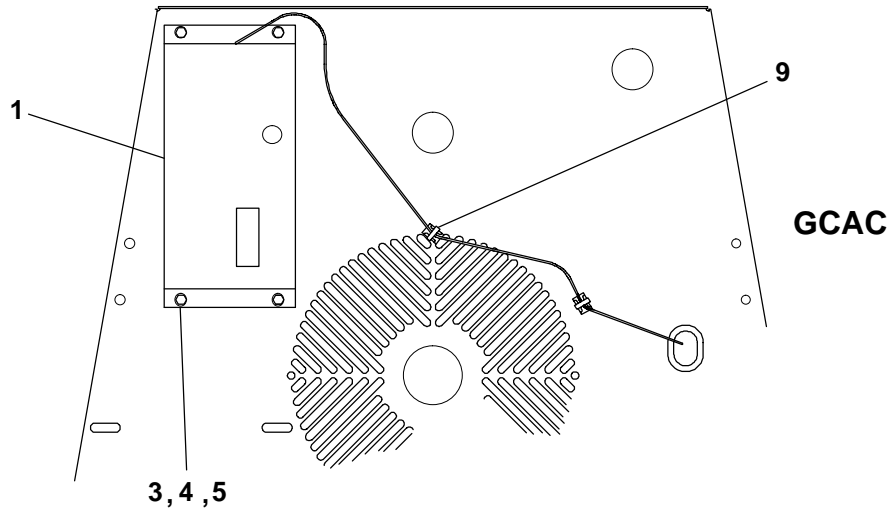
## Dual Fuel System GCAB, GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5253-02	2	Elbow, 90°
2	332-1389	2	Strap, Tiedown
3	187-5028	2	Solenoid Assembly
4	503-0633	AR	Hose
5	505-1565-05	5	Elbow, Street - 90° (3/4")
6	505-1569	1	Nipple, Black Steel (3/4 x 3-1/2")
7	503-1135	2	Clamp, Hose
8	509-0356	1	Seal, Regulator
9	505-0332	1	Nipple, Black Steel (3/4 x 3")
10	505-0166	1	Tee, Black Iron Pipe (3/4")
11	862-0001	6	Nut, Hex (1/4"-20)
12	850-0040	8	Washer, Lock Spring Helical (1/4")

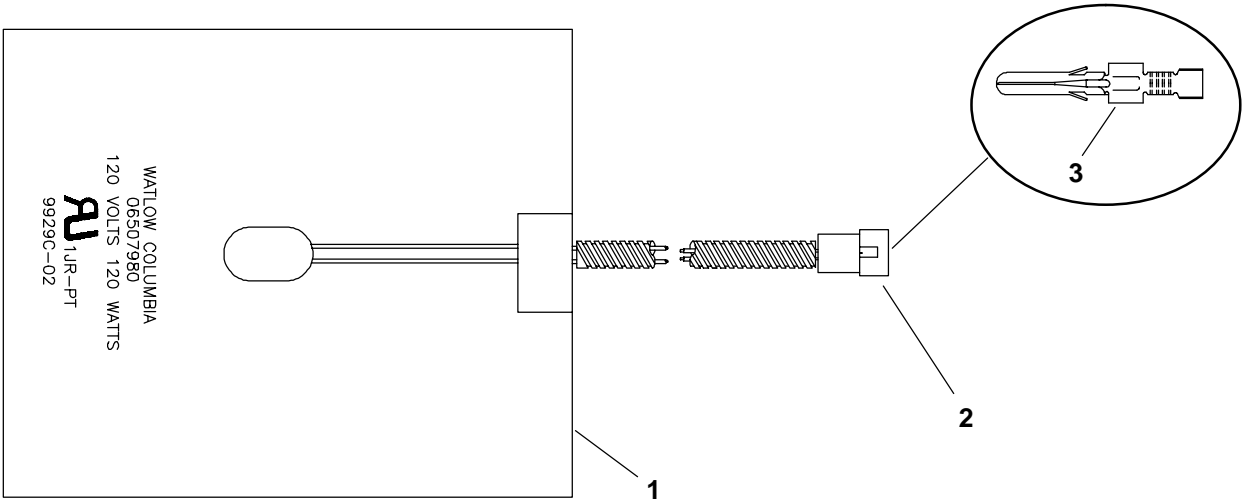
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
13	526-0054	16	Washer, Flat (1/4")
14	187-5095-36	2	Screw, Machine Hex Washer Head (1/4-20 x 1-1/2")
15	502-1352	1	Fitting, Hose Barb - 90°
16	187-5206	1	Regulator, Low Pressure NG
17	148-1155	1	Switch Assembly, Pressure
18	517-0094	2	Caplug
19	505-0102	3	Nipple, Close (3/4")
20	505-0085	2	Nipple, Black Steel (3/4" x 2)
21	800-0005	6	Bolt, Hex (1/4-20 x 3/4")
22	505-1496	1	Tee, Reducing (3/4 X 1/4 x 3/4")
23	505-0132	1	Elbow, 90° (3/4")

## Battery Charger (A384)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3152-01	1	Charger Assembly, Battery	6	815-0973-30	4	Screw (GCAA)
2	405-6667-02	1	Support, Charger (GCAA)	7	526-0463-02	4	Washer, Flat (GCAA)
3	800-6029	4	Screw (M6 x 1 x 12mm)	8	850-2081-01	4	Washer, Lock (GCAA)
4	526-0464	4	GCAA	9	332-2420	1	Holder, Tie Strap
	526-0424	4	GCAB, GCAC				
5	850-2082	4	Washer, Lock (M6)				

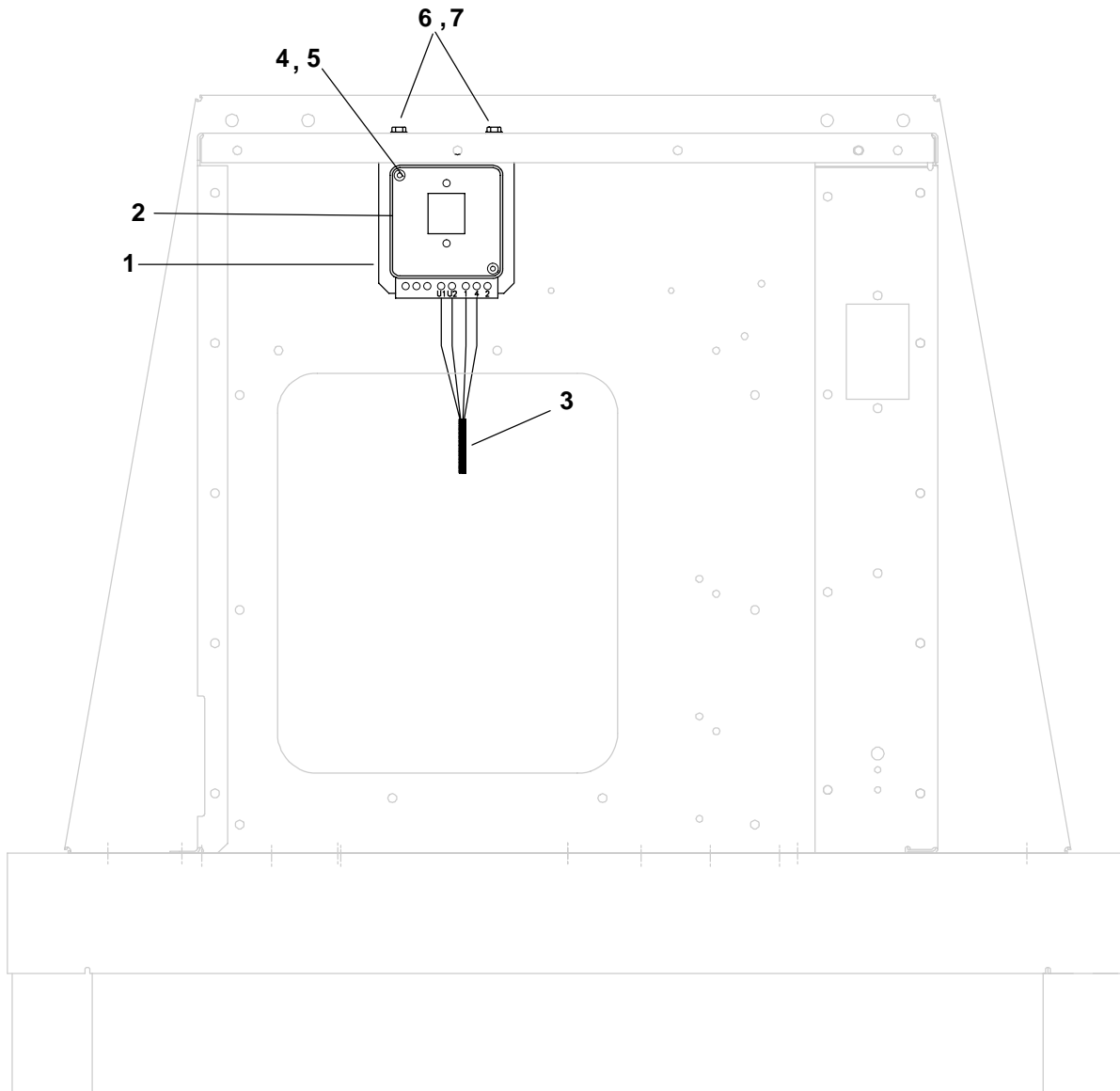
Battery Pad  
(A381)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	333-0647	1	Pad Assembly, Heater
1	333-0648	1	Pad, Heater

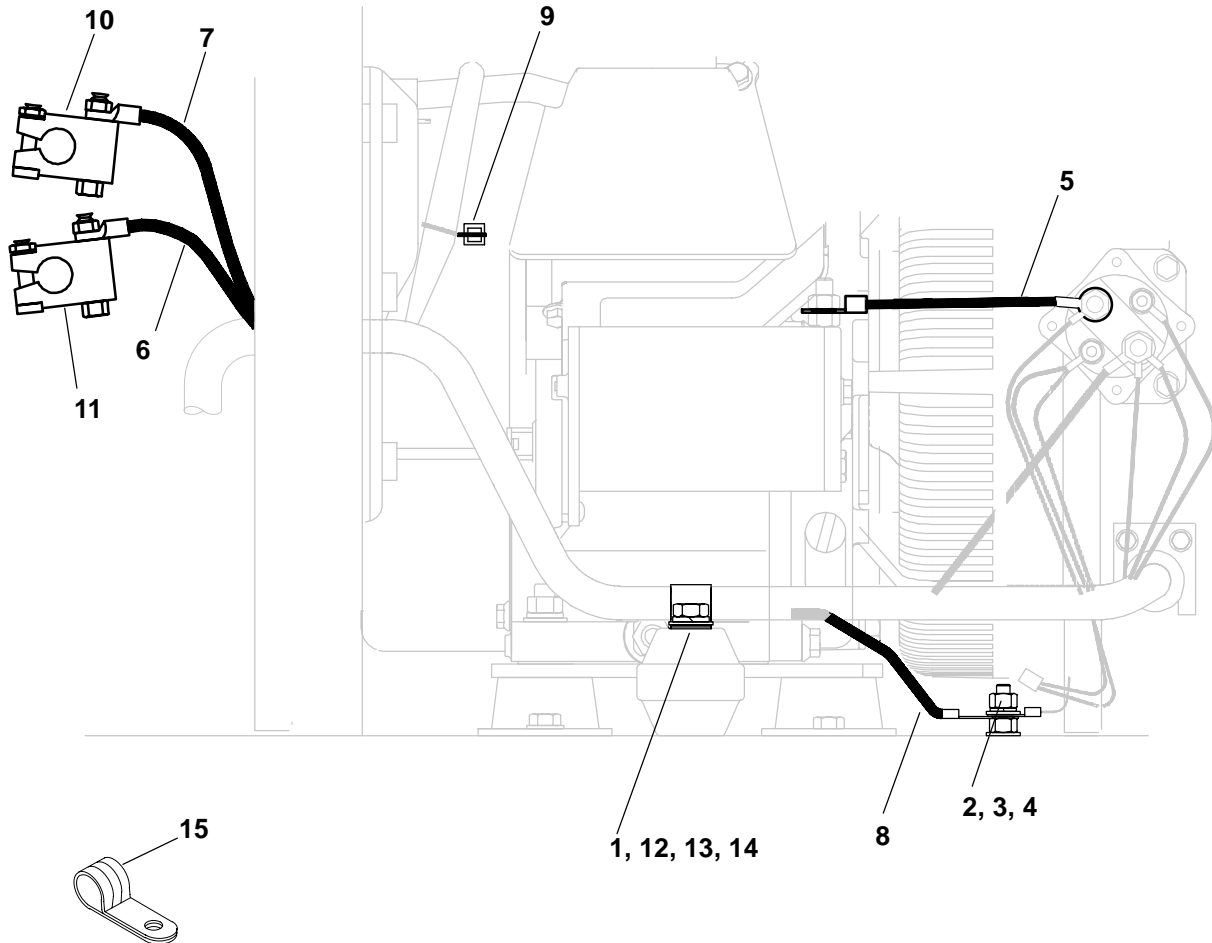
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	323-1864-02	1	Plug
3	323-1865-02	2	Terminal, Male

## Exerciser Clock (K377)



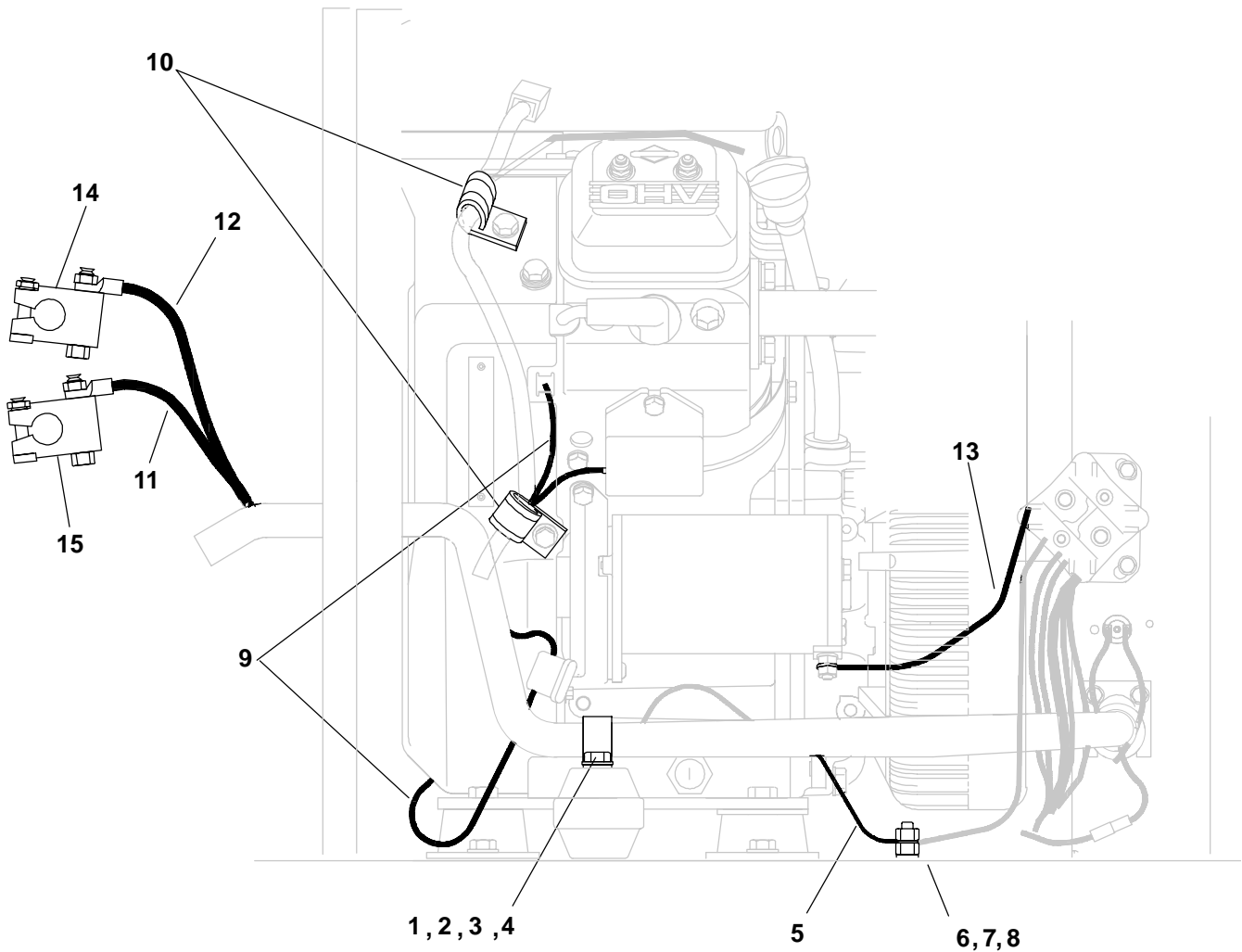
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4281-02	1	Bracket, Mounting	5	870-0183	2	Nut and Captive Washer (#6-32)
2	307-2954	1	Timer, Exercise	6	815-0973-30	2	Screw, Machine (#10-32 x 1/2")
3	338-3935	1	Harness, Wiring	7	870-2226-05	2	Nut, Hex (#10-32)
4	812-0061	2	Screw, Slotted Round Head (#6-32 x 3/8")				

## Grounding Strap GCAA



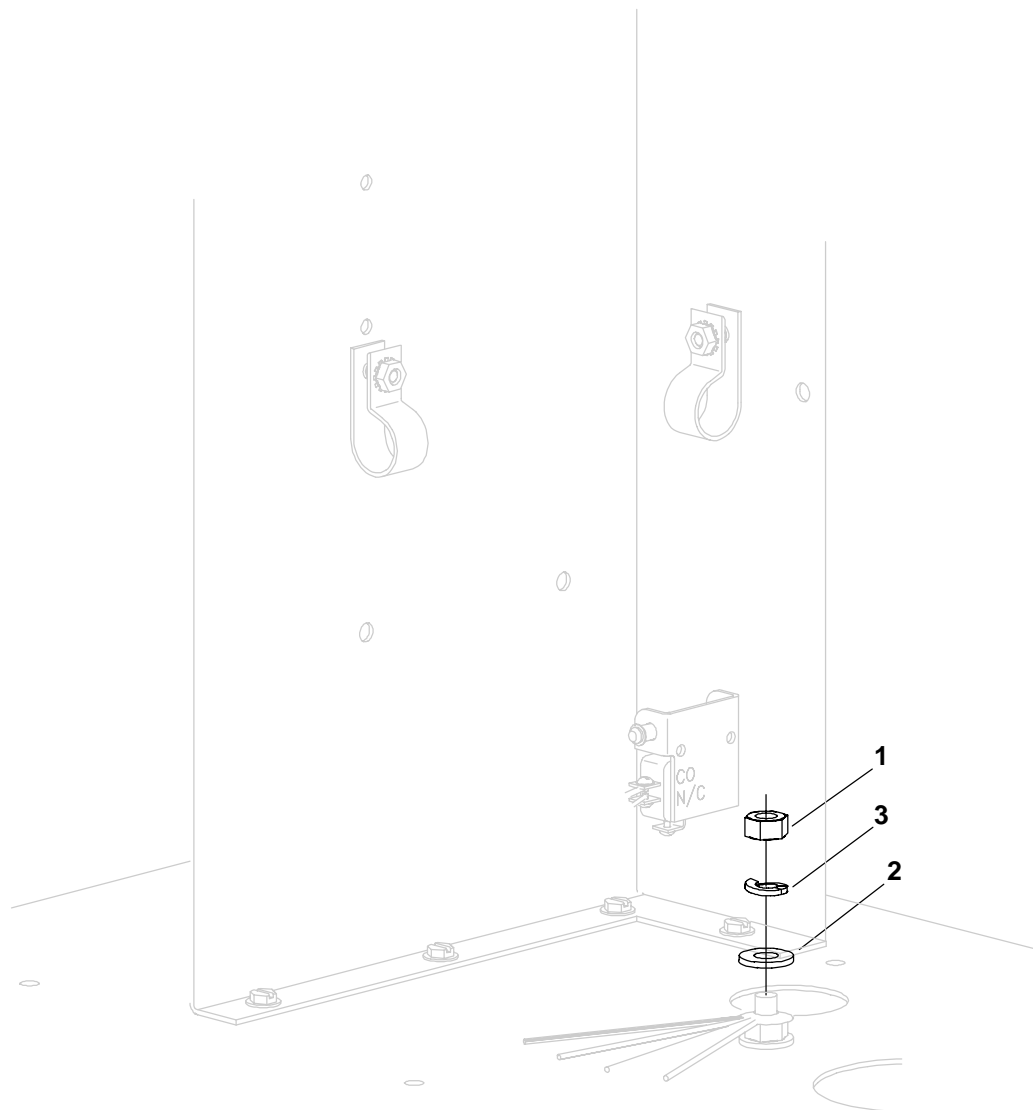
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-3712	1	Clamp, Cushion Loop	10	416-1054	1	Adapter, Battery – Pos.
2	862-0001	1	Nut, Hex (1/4"-20)	11	416-1055	1	Adapter, Battery – Neg.
3	526-0354	1	Washer, Flat (1/4")	12	800-3052-06	1	Bolt, Hex Head (3/8-16 x 3/4")
4	850-0040	1	Washer, Lock (1/4")	13	850-2081-04	1	Washer, Lock (3/8")
5	187-5034-01	1	Cable Assembly	14	526-0463-05	1	Washer, Flat (3/8")
6	187-5034-02	1	Cable Assembly	15	332-1022	2	Clamp, Cushion Loop
7	187-5034-04	1	Cable Assembly				
8	187-5038-02	1	Strap, Ground				
9	332-2420	AR	Holder, Tie Down				

## Grounding Strap GCAB, GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-3712	1	Clamp, Cushion Loop	9	187-5159	1	Wire, Engine
2	800-3052-06	1	Bolt, Hex Head (3/8-16 x 3/4")	10	332-1022	2	Clamp, Cushion Loop
3	850-2081-04	1	Washer, Lock (3/8")	11	187-5034-04	1	Cable
4	526-0463-05	1	Washer, Flat (3/8")	12	187-5034-02	1	Cable
5	187-5038-02	1	Strap, Ground	13	187-5034-01	1	Cable
6	862-0001	1	Nut, Hex (1/4"-20)	14	416-1055	1	Adapter, Battery – Neg. GCAC
7	526-0354	1	Washer, Flat (1/4")	15	416-1054	1	Adapter, Battery – Pos. GCAC
8	850-0040	1	Washer, Lock (1/4")				

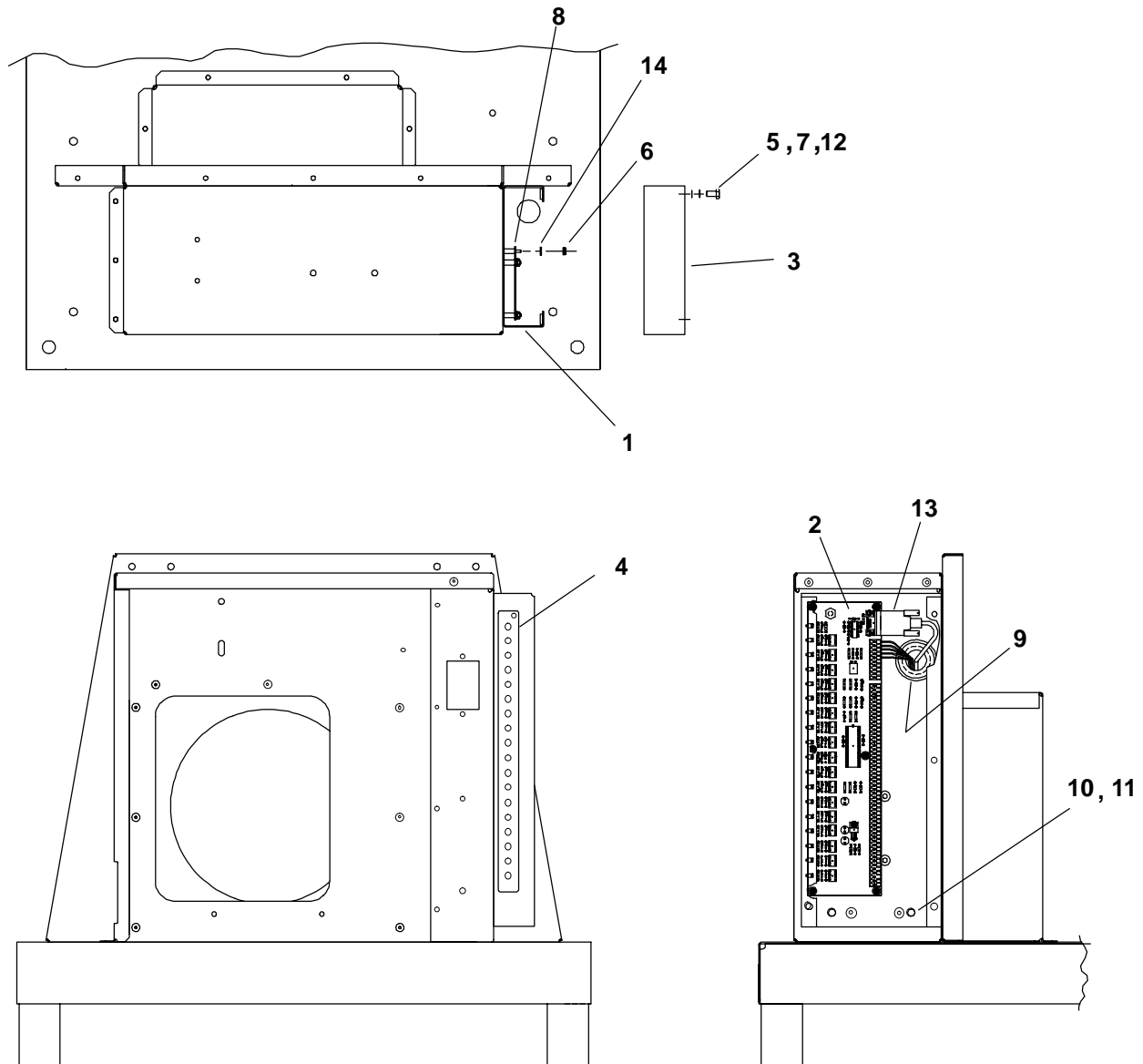
## Ground Stud



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	862-0001	1	Nut, Hex (1/4"-20)
2	526-0354	1	Washer, Flat (1/4")
3	850-0040	1	Washer, Lock (1/4")



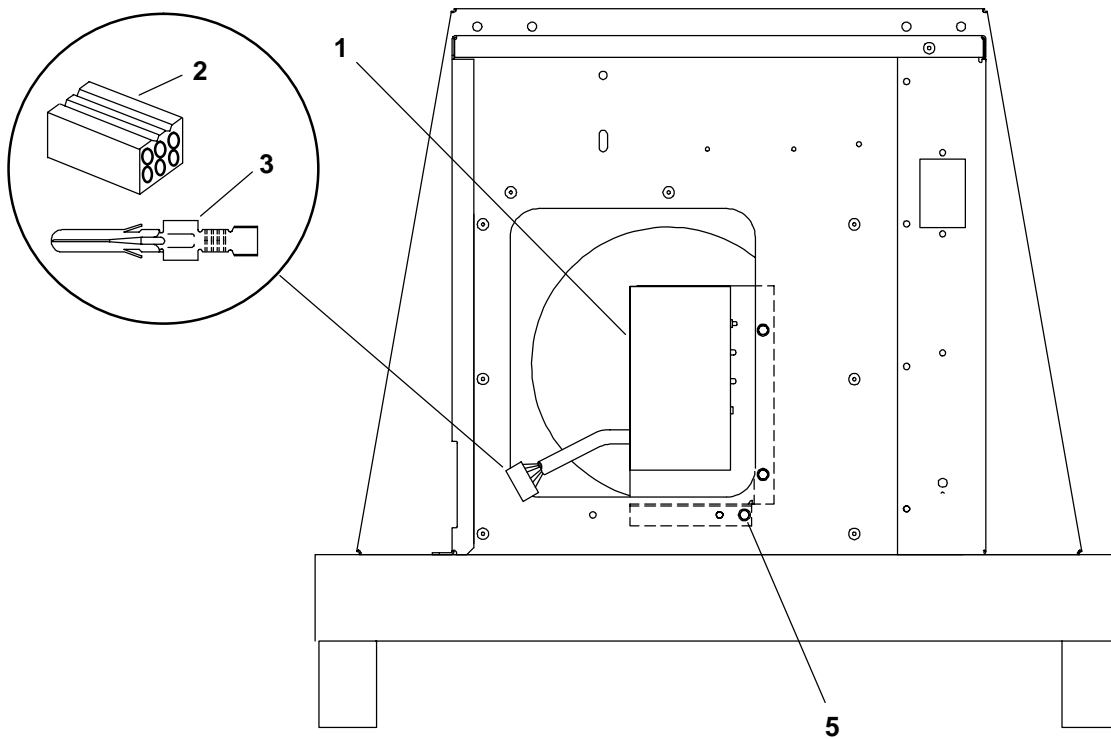
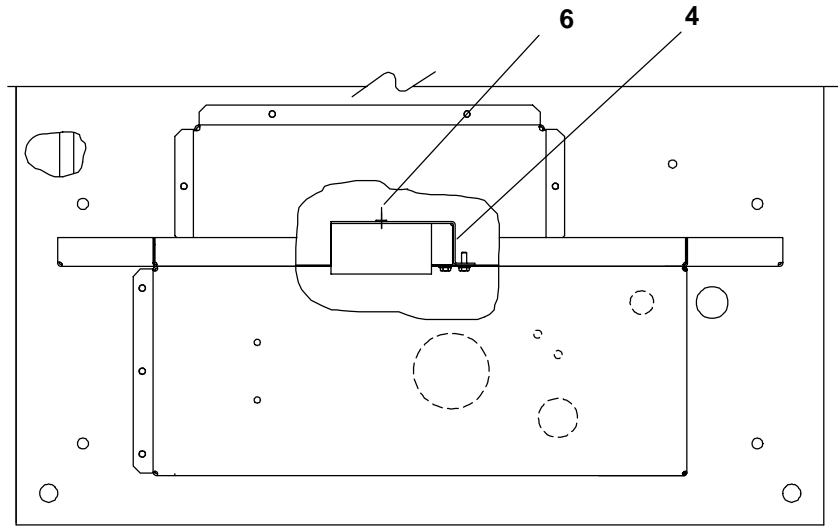
## Enunciator (H514)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4314-02	1	Base, Enunciator
2	319-4329	1	Board, Enunciator
3	319-4315-02	1	Cover, Base
4	098-7714	1	Label, LED
5	800-2029	6	Screw, Full Thread Cap (M6-1 x 12mm)
6	187-5007-02	6	Nut and Washer (9/64")
7	526-2080	6	Washer, Flat (M6)
8			Standoff (9/64-32 x 1/2")
	319-4188	6	GCAB
	332-3621	6	GCAC
9	187-5001	1	Grommet

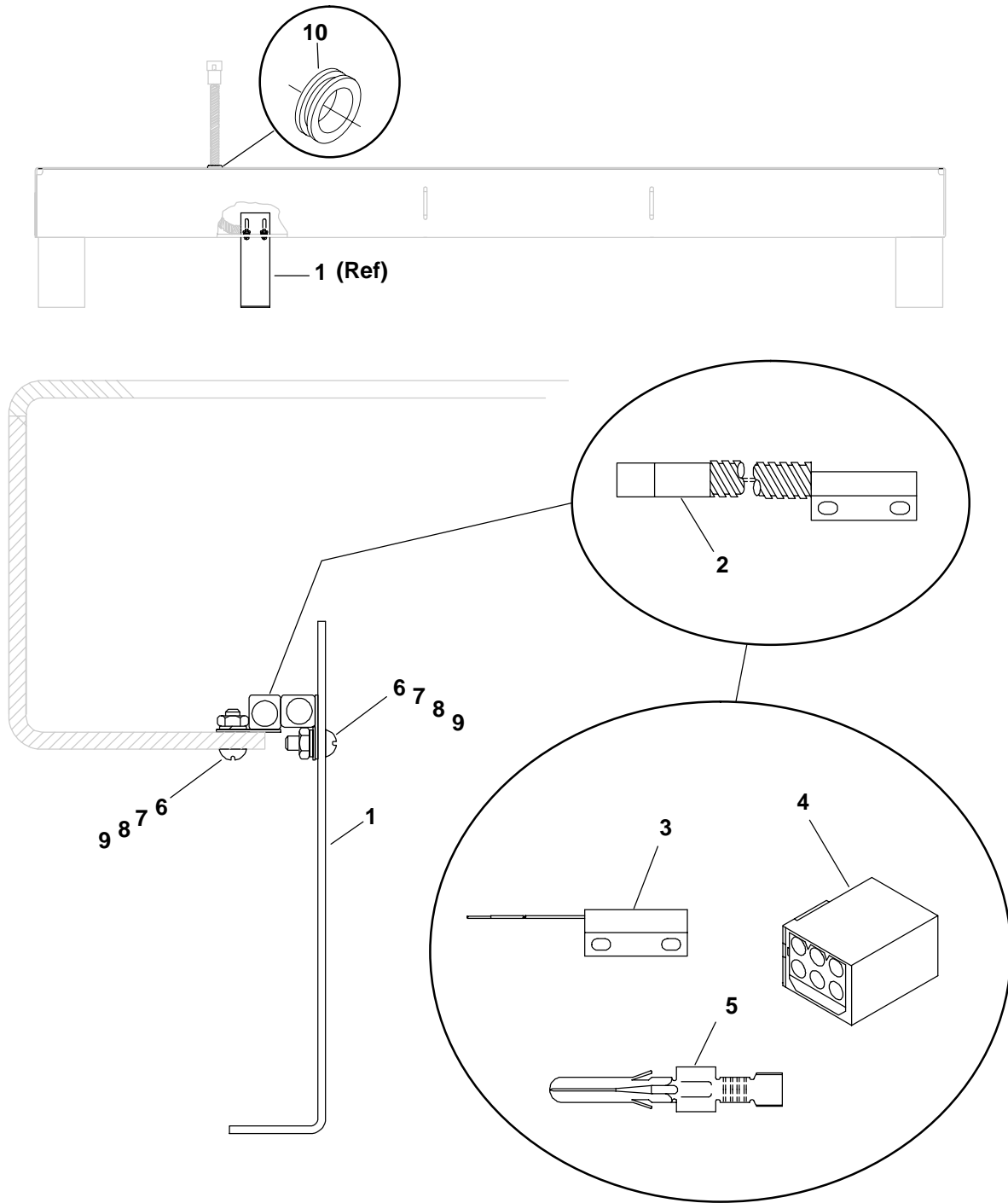
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	815-0973-30	4	Screw, Machine (3/16-32 x 1/2")
11	870-2226-05	4	Nut and Washer (3/16"-32)
12	850-2006	6	Washer, Lock (M6)
13	335-0185	1	Cable Assembly
14	526-1002	6	Washer, Flat (#6)

## Gas Detector (H625)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5416	1	Detector Assembly, Gas (Includes Plug and Terminal)	4	319-4353-02	1	Bracket, Detector
2	323-1892	1	Plug, 6 Pin	5	815-0973-30	3	Screw, Machine (3/16-32 x 1/2")
3	323-1865-02	6	Terminal, Male	6	818-0245	2	Rivet, Blind

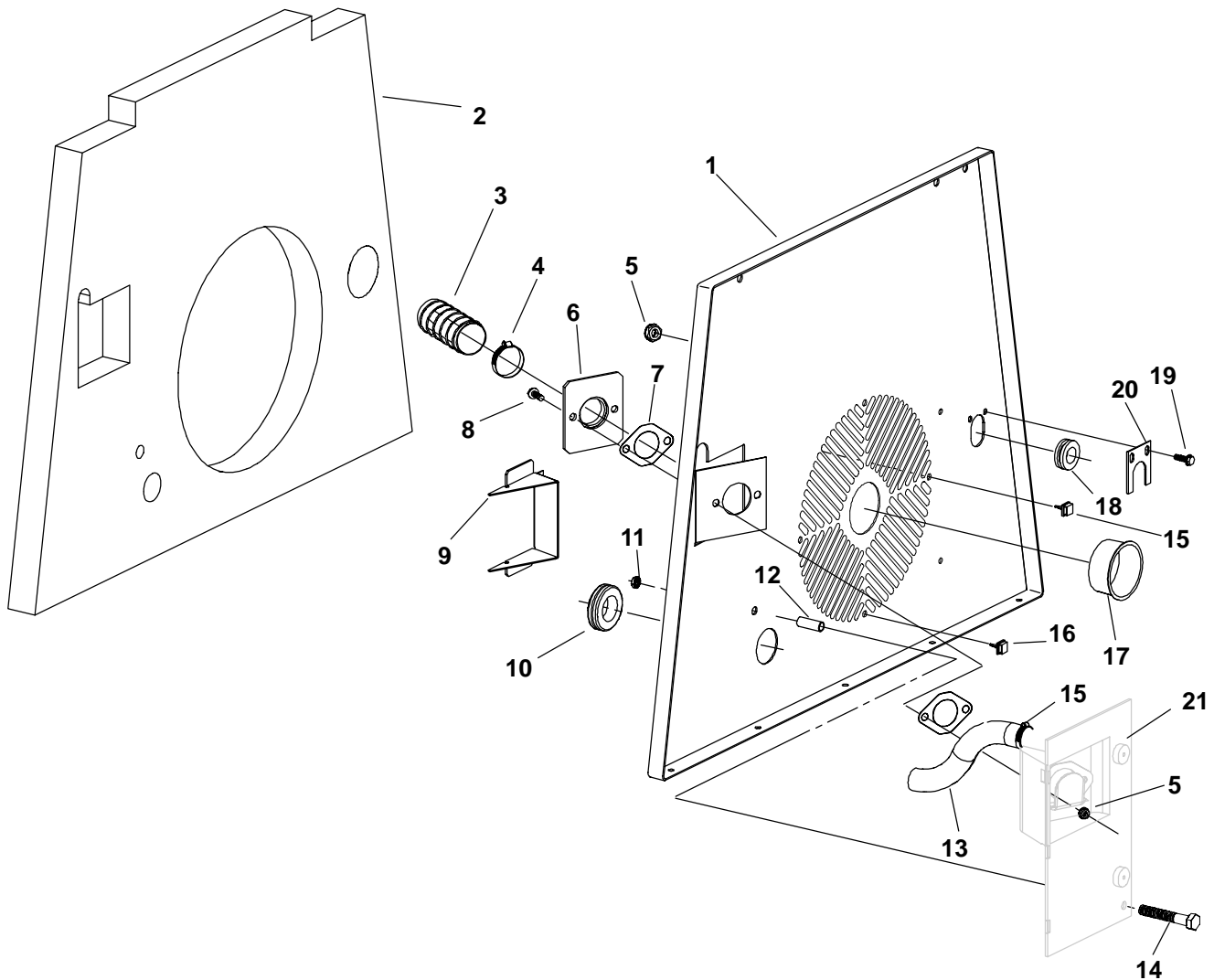
## Pad Shear Detector (H626)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6666-02	1	Bracket, Shear Detector
2	405-6669	1	Switch Assembly (Includes Switch, Plug and Terminal)
3	319-4331	1	Switch, Shear Pad
4	323-1864-02	1	Plug
5	323-1865-02	1	Terminal, Male

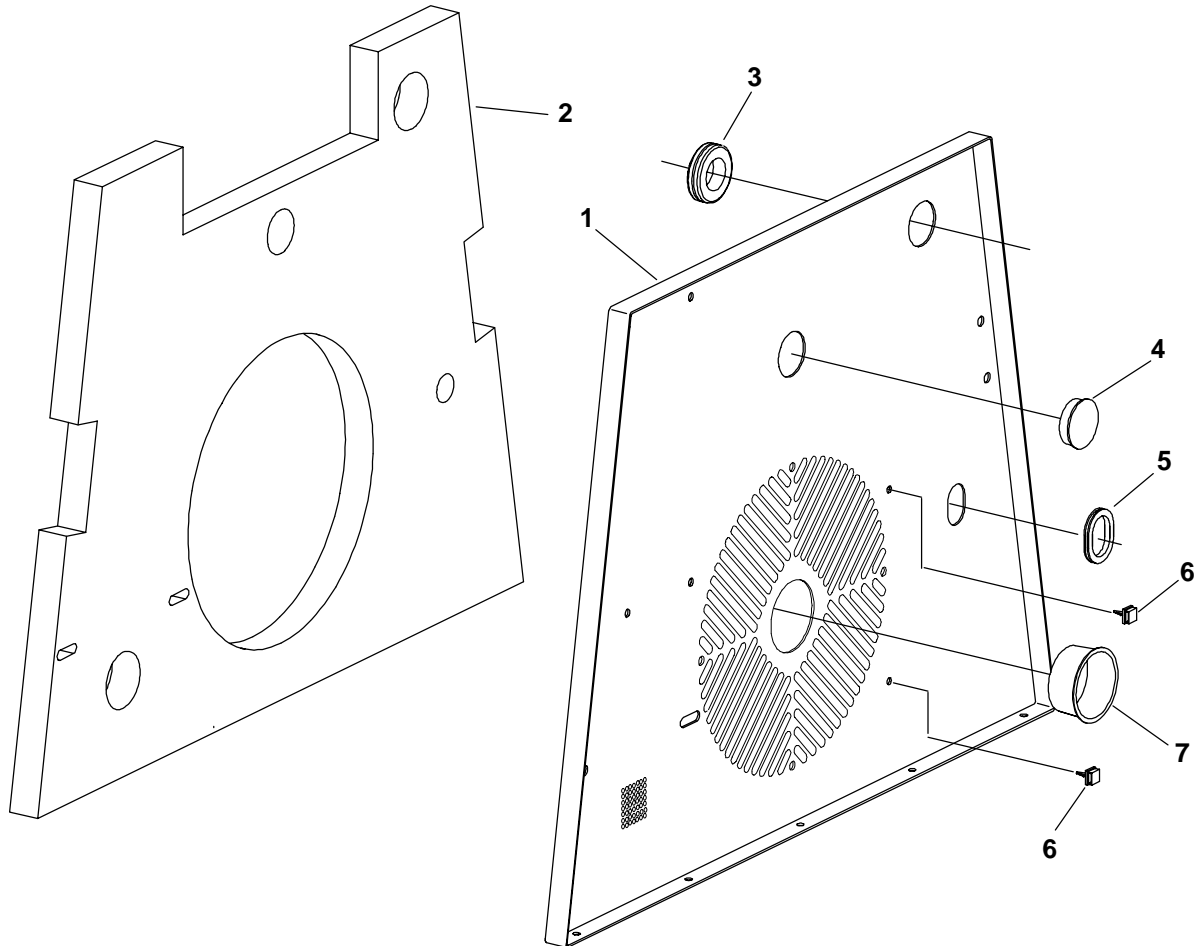
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	819-1136-02	4	Screw, Machine (7/64-40 x 3/8")
7	526-0463-06	4	Washer, Flat (#4)
8	850-2081-05	4	Washer, Lock (#4)
9	860-2026-17	4	Nut, Hex (7/64"-40)
10	508-0141	1	Grommet

## Front Baffle GCAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-5224-02	1	Baffle, Front	12	187-5081-02	1	Spacer, Air Cleaner
2	187-5103	1	Foam, Hot/Cold Baffle	13	148-1136	1	Hose (0149-2631 Bulk)
3	140-3241	1	Hose, Air Cleaner (0140-3242 Bulk)	14	800-3052-03	1	Bolt, Hex (1/4"-20 x 1-3/4")
4	503-1139	1	Clamp, Hose	15	332-2420	2	Holder, Tie Strap
5	870-2226-05	4	Nut and Captive Washer (3/16"-32)	16	503-1133	1	Clamp, Hose
6	140-3237-02	1	Tube, Air	17	517-0089	1	Caplug
7	140-3239	2	Gasket	18	187-5002	1	Grommet
8	815-0973-32	2	Screw, Machine Hex (3/16-32 x 3/4")	19	187-5095-21	2	Screw, Machine Hex Head (3/16-32 x 1/2")
9	405-6401-02	1	Panel, Filler	20	187-5078-02	1	Plate, Cover
10	187-5001	1	Grommet	21			Cleaner, Air (See Engine Dealer for Replacement Parts)
11	870-2226-06	1	Nut and Captive Washer (1/4"-20)				

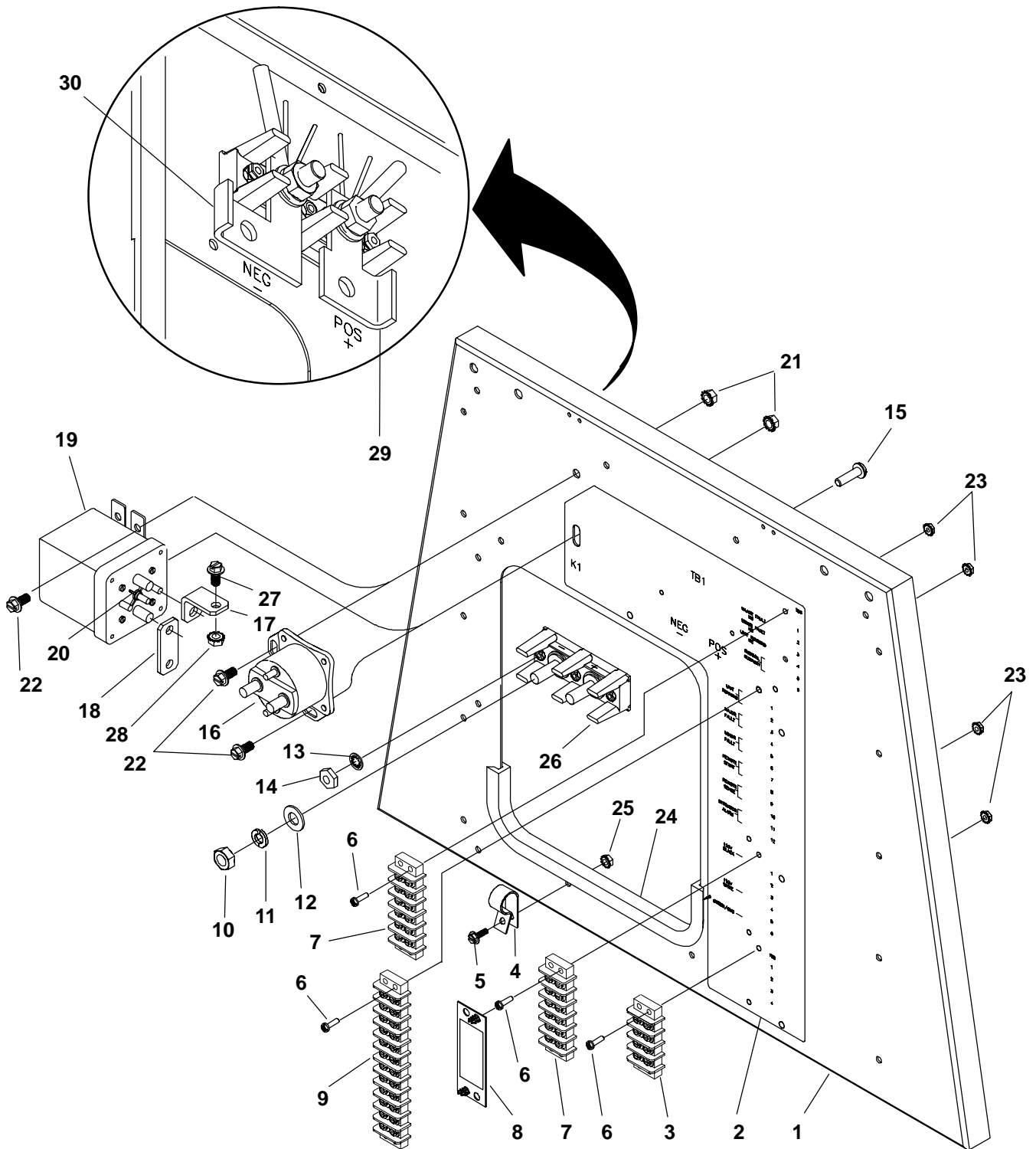
## Front Baffle GCAB, GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-5219-02	1	Baffle, Front
2			Foam, Hot/Cold Baffle
	187-5179	1	GCAB
	187-5180	1	GCAC
3	187-5001	1	Grommet

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	517-0138-05	1	Plug, Hole
5	508-1136	1	Grommet
6	332-2420	2	Holder, Tie Strap
7	517-0089	1	Caplug

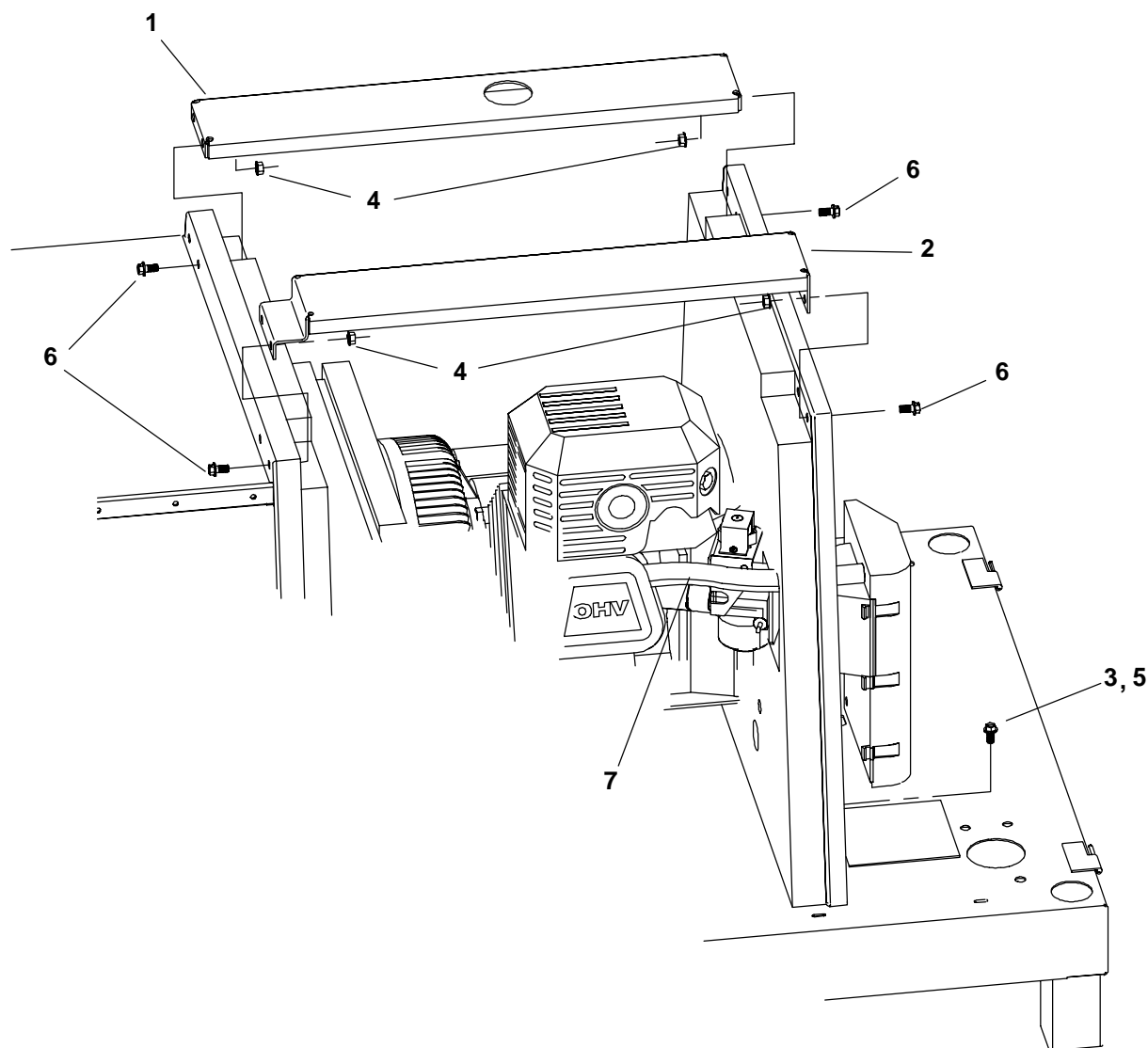
## Rear Baffle



## Rear Baffle

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Baffle, Hot/Cold – Rear				(100A) (48V Sets GCAA)
	134-5225-02	1	GCAA	17	337-3445-02	1	Bar, Bus (24V Sets GCAA)
	187-5149	1	GCAB				(48V Sets GCAC)
	134-5215-02	1	GCAC	18	337-3448-02	1	Bar, Bus (24V Sets GCAA)
2			Label, Terminal Strip				(48V Sets GCAC)
	098-7740	1	GCAA	19	187-5005-01	1	Contactor, DC (200A)
	098-7695	1	GCAB, GCAC				(24V Sets GCAA) (48V Sets
3	187-5133-04	1	Block, Terminal (TB5) (2-1/2")				GCAC) (Includes Diode Assy.)
4	332-1114	2	Clamp, Cable	20	187-5257-02	1	Diode Assembly
5	815-0973-30	2	Screw, Machine Hex Washer	21	870-2226-06	2	Nut and Captive Washer
			Head (3/16-32 x 1/2")				(1/4"-20) (48V)
6	819-1136-06	8	Screw, Machine Pan Head	22			Screw, Machine
			(9/64-32 x .5/8")		815-0973-40	2	GCAA (1/4-20 x 1/2")
7	332-3741	2	Block, Terminal (TB3, TB6)		815-0973-10	2	GCAC (9/64-32 x 3/8")
			(Part of Wiring Harness)	23	870-2226-02	8	Nut and Captive Washer
8	300-5355	1	Kit, AC Terminal Block Cover				(9/64"-32)
			(Includes Cover and Latch)	24	508-1136	1	Grommet, Extruded (12")
9	187-5133-12	1	Block, Terminal (TB2) (6")	25	870-2226-05	2	Nut and Captive Washer
			(Part of Wiring Harness)				(3/16"-32)
10	860-2026-04	2	Nut, Hex (3/8"-24)	26	187-5256	1	Board, Terminal
11	850-2081-04	2	Washer, Lock (3/8")	27	187-5095-30	2	Screw, Machine Hex Washer
12	526-0463-05	2	Washer, Flat (3/8")				(1/4-20 x 1/2")
13	854-0038-01	2	Washer, Lock IT (9/64")	28	187-5007-06	2	Nut & Captive Washer
14	860-2026-18	2	Nut, Hex (9/64"-40)				(1/4"-20)
15	815-0973-11	2	Screw, Machine Pan Head	29	337-3453-02	1	Bus Bar (GCAC)
			(9/64-40 x 1/2")	30	337-3454-02	1	Bus Bar (GCAC)
16	307-2943	1	Switch, Solenoid (K1)				

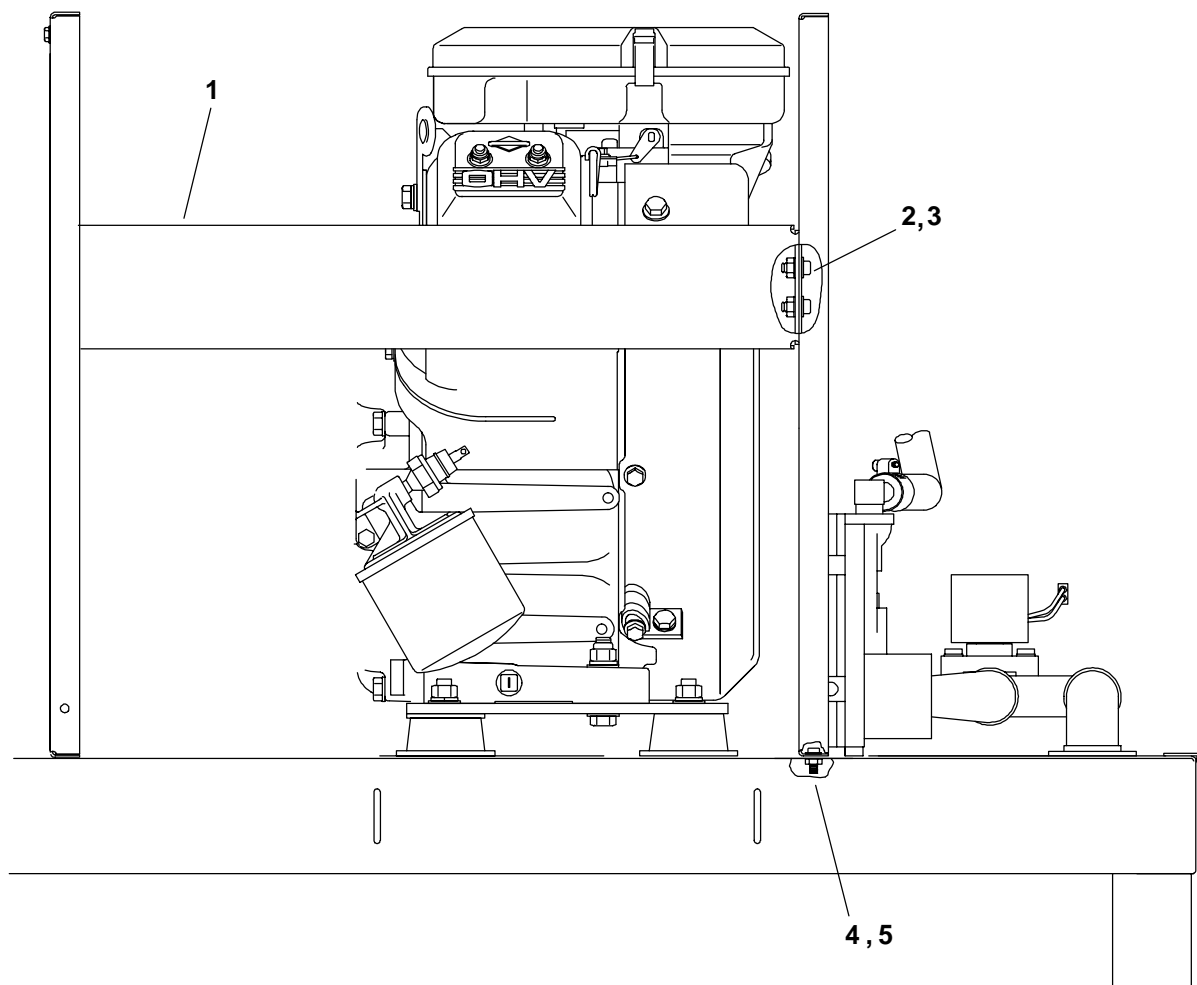
## Baffle Support GCAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5070-02	1	Support, Baffle	5	815-0973-30	5	Screw, Hex Washer
2	187-5077-02	1	Support, Right Side	6	815-0973-40	8	Screw, Hex Washer
3	870-2226-05	5	Nut and Captive Washer	7	503-1137	1	Clamp, Hose – Low Pressure
4	870-2226-06	8	Nut and Captive Washer				

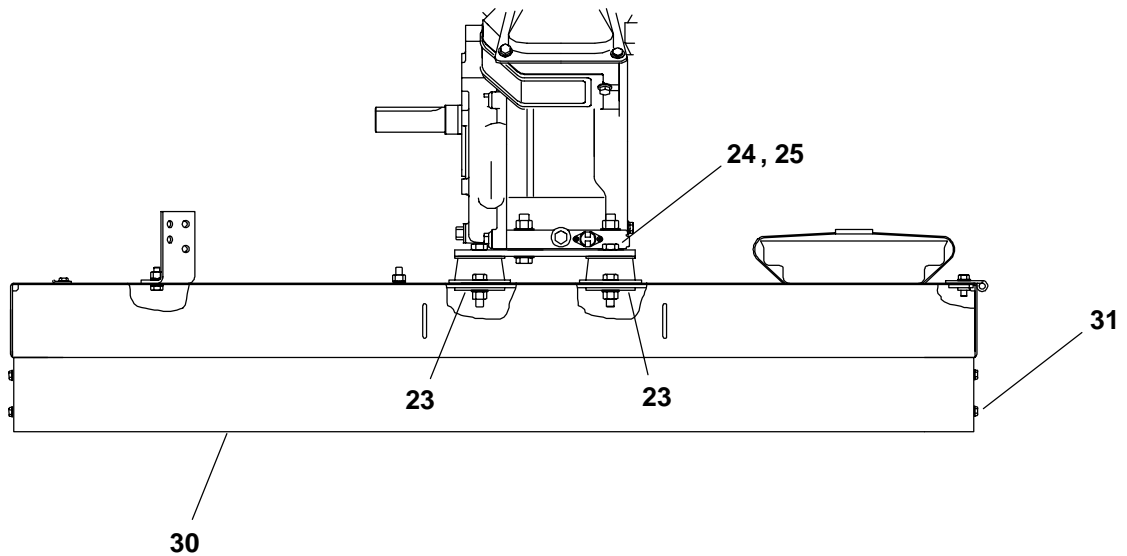
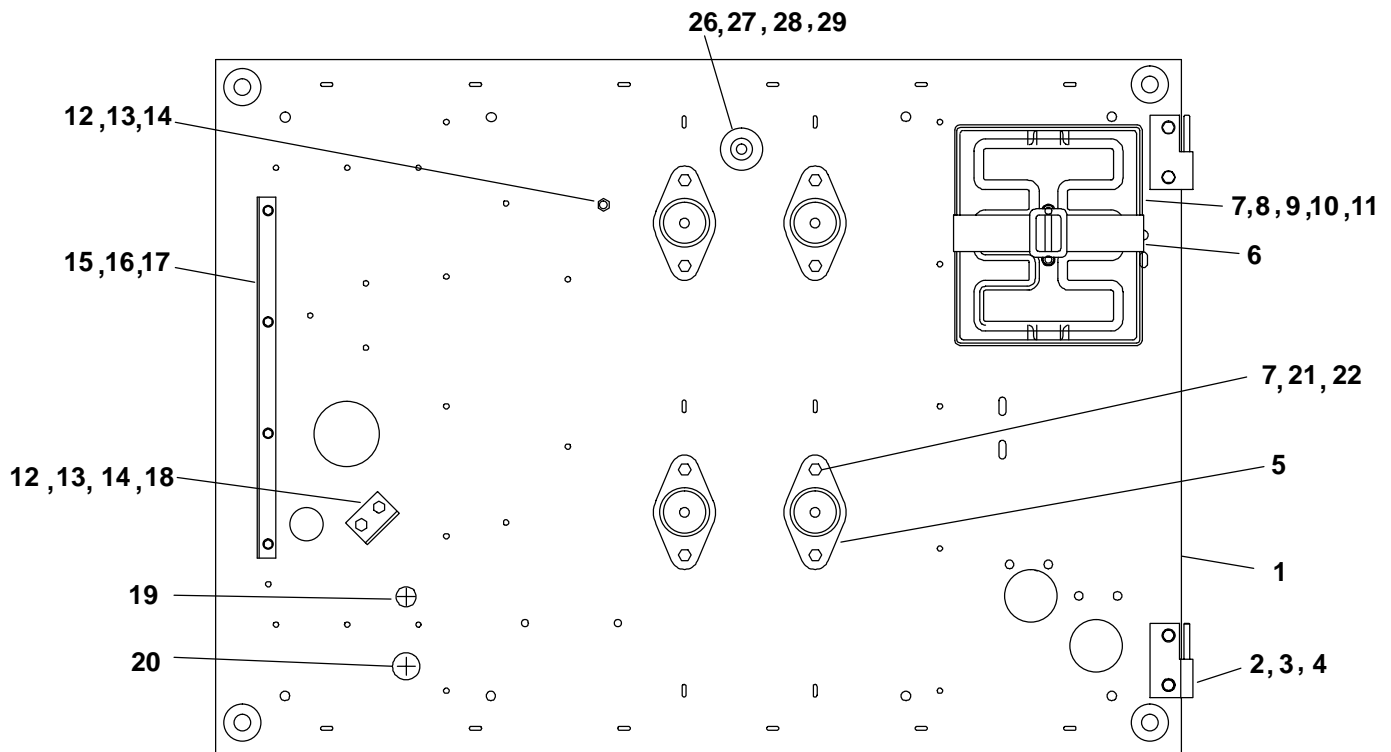


## Baffle Support GCAB, GCAC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5070-02	2	Support, Baffle	4	815-0973-30	5	Screw, Hex Washer Head Machine (3/16-32 x 1/2")
2	870-2226-06	8	Nut and Captive Washer (1/4"-20)	5	870-2226-05	5	Nut and Captive Washer (3/16"-32)
3	815-0973-40	8	Screw, Hex Washer Head Machine (1/4-20 x 1/2")				

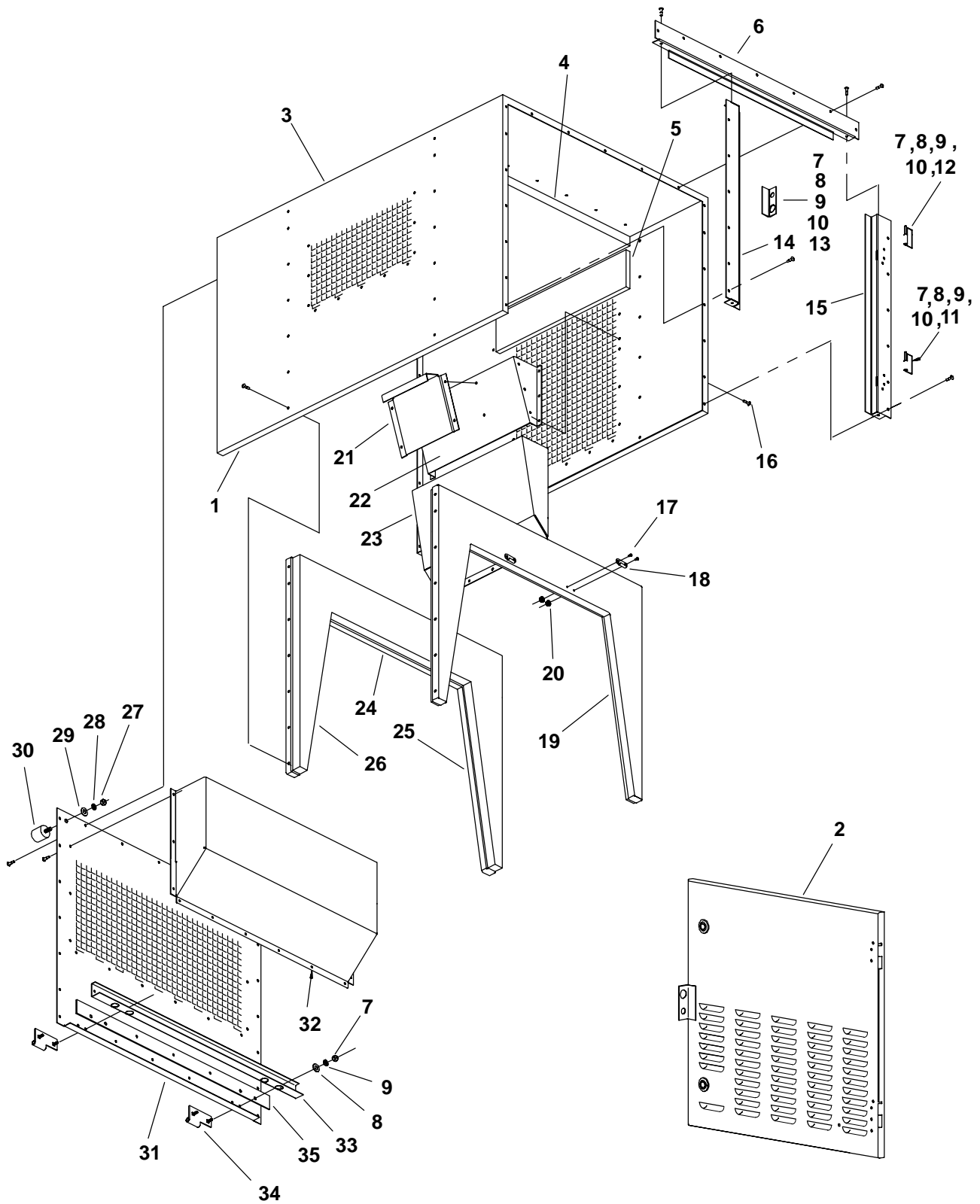
# Base Assembly



## Base Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Skid	16	815-0973-30	4	Screw, Hex Washer Head (3/16-32 x 1/2")
	187-5015-02	1	GCAA	17	870-2226-05	4	Nut and Captive Washer (3/16"-32)
	187-5150-02	1	GCAB, GCAC	18	332-3722-02	1	Bracket, Lug
2	406-0924	2	Hinge, Male	19	517-0136-01	1	Plug, Hole
3	403-4337-02	2	Plate, Nut	20	517-0138-02	1	Plug, Hole
4	815-0973-41	4	Screw, Hex Washer (1/4-20 x 5/8")	21	800-3052-05	8	Bolt, Hex (5/16-18 x 1")
5			Mount, Shock	22	870-2227-01	8	Nut, Lock (5/16"-18)
	187-5011	4	GCAA	23	526-0462-01	6	Washer, Snubbing
	187-5093	4	GCAB, GCAC	24	800-3052-07	4	Bolt, Hex (3/8-16 x 2-1/4")
6	416-1052	1	Strap, Battery	25	870-2227-02	4	Nut, Self Locking Hex (3/8"-16)
7	526-0463-04	18	Washer, Flat (5/16")	26	332-2512	1	Standoff, Insulator
8	416-1050	1	Tray, Battery	27	800-3052-06	1	Bolt, Hex (3/8-16 X 3/4")
9	800-3052-04	2	Bolt, Hex (5/16-18 x 3/4")	28	850-2081-04	1	Washer, Lock (3/8")
10	850-2081-03	2	Washer, Lock (5/16")	29	526-0463-05	1	Washer, Flat (3/8")
11	860-2026-02	2	Nut, Hex (5/16"-18)	30	405-6702-02	2	Skirt
12	800-3052-02	3	Bolt, Hex (1/4-20 x 1")	31	821-6002-02	4	Screw, Hex Head SEMS (M6x1x12)
13	856-0022	6	Washer-EIT Lock (1/4")				
14	860-2026-01	3	Nut, Plain Hex (1/4"-20)				
15	187-5075-02	1	Angle, Door				

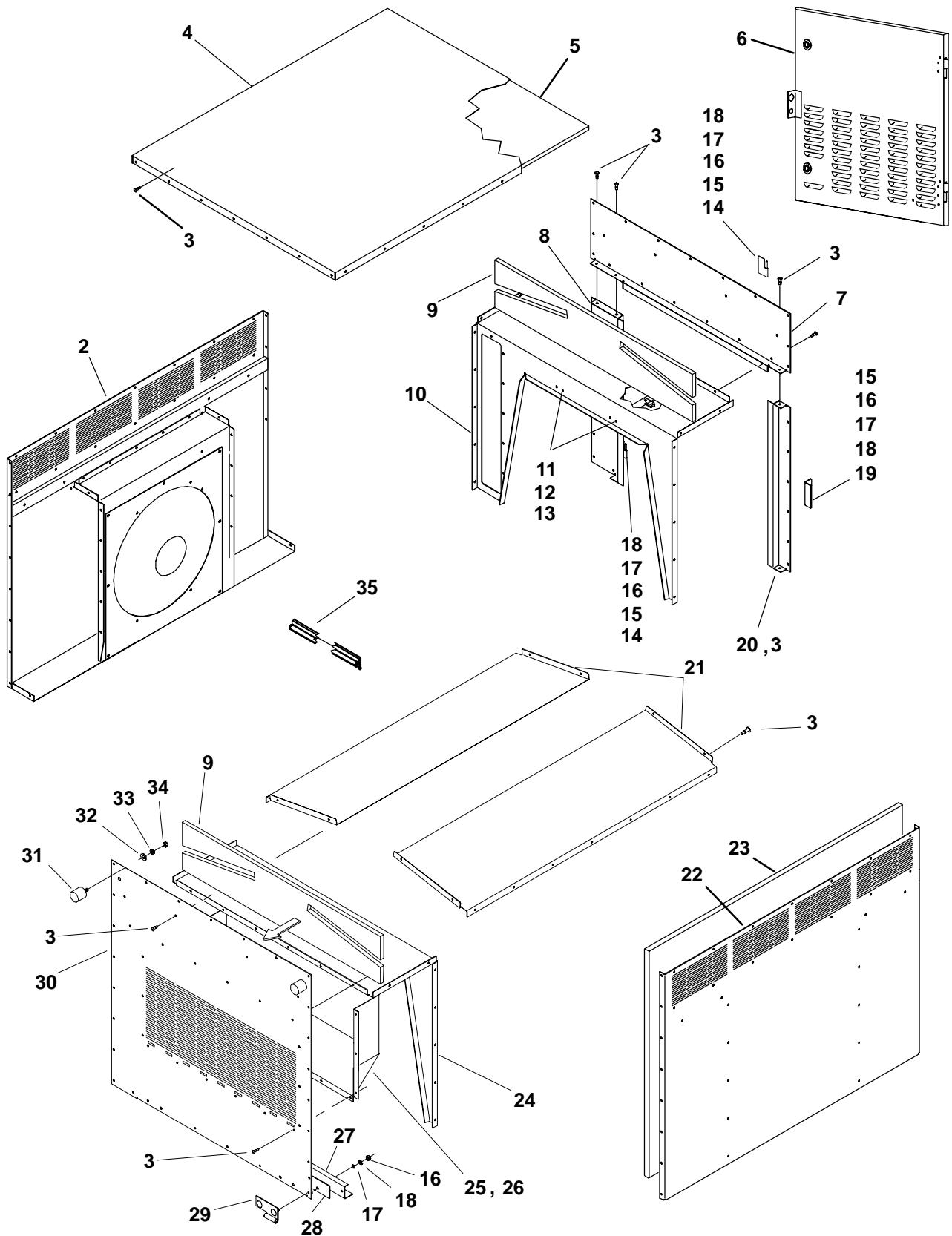
# Enclosure Assembly GCAA, GCAB



## Enclosure Assembly GCAA, GCAB

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6528	AR	Edging, Trim (25.4 FT.)	20	187-5007-01	4	Nut
2	405-6417	1	Door Assembly, Access (See Separate Page for Components)	21	155-3293	1	Deflector, Exhaust Baffle
3	405-6396	1	Back, Enclosure	22	134-5226-02	1	Upper Right Side
4	187-5099	1	Foam, Enclosure – Top		134-5217-02	1	Left Side
5	187-5098	1	Foam, Enclosure – Upper	23	134-5222-02	1	Baffle, Housing
6	405-6397	1	Panel, Rear – Upper	24	187-5097	2	Foam, Baffle – Top
7	862-0001	10	Nut, Hex	25	187-5100	2	Foam, Baffle – Left Side
8	526-0354	10	Washer, Flat	26	187-5101	2	Foam, Baffle – Right Side
9	850-0040	10	Washer, Lock	27	862-0015	2	Nut
10	816-0093	6	Bolt, Carriage	28	850-0045	2	Washer, Lock
11	406-0942	1	Hinge, Male	29	526-0397	2	Washer, Flat
12	406-0960	1	Hinge, Male	30	187-5102	2	Bumper
13	406-0939	1	Bracket, Door – Lock	31	405-6411	1	Panel, Front
14	405-6413	1	Panel, Rear – Left Side	32	134-5216-02	1	Baffle, Front Panel
15	405-6415	1	Panel, Rear – Right Side	33	405-6410-02	1	Reinforcement, Hinge
16	818-0242-01	127	Rivet, Aluminum	34	406-0941	2	Hinge, Female
17	187-5008-01	4	Screw	35	405-6634	1	Spacer, Hinge
18	406-0945	2	Keeper		187-5018	1	Enclosure Assembly (Includes All Parts on this Page Except the Trim Edging)
19	134-5218-02	2	Baffle				

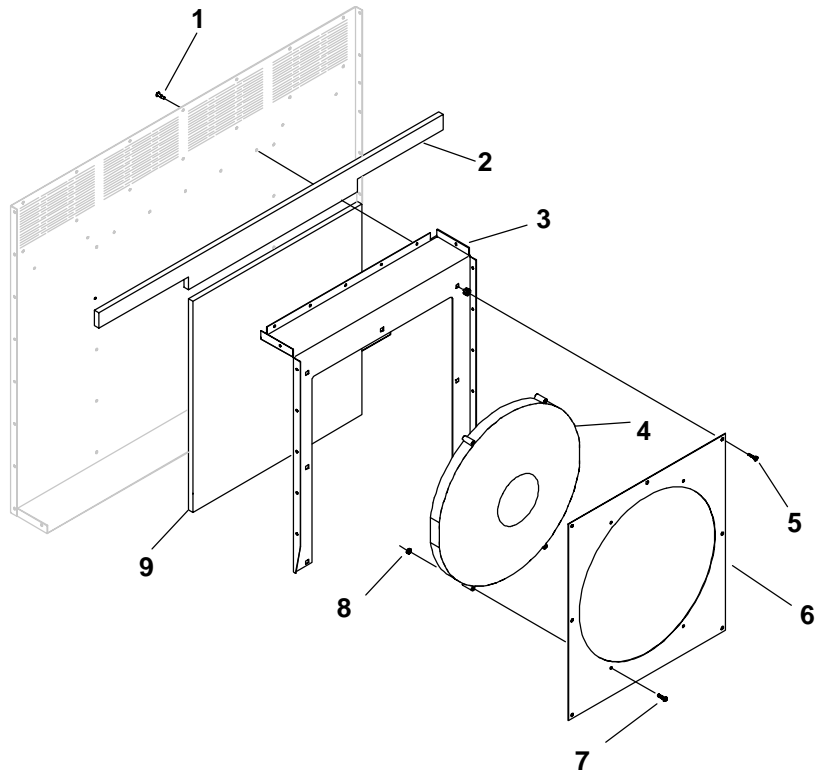
# Enclosure Assembly GCAC



## Enclosure Assembly GCAC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	187-5148	1	Enclosure Assembly, Complete (Includes All Parts on this Page Except the Edging)	16	860-2026-01	10	Nut, Hex (1/4"-20)
2	405-6495	1	Panel, Right Side (See Sepa- rate Page for Components)	17	526-0463-03	10	Washer, Flat (1/4")
3	818-0242-01	157	Rivet, Aluminum	18	850-2081-02	10	Washer, Lock
4	405-6501	1	Panel, Top	19	406-0939	2	Bracket, Door - Lock
5	187-5183-04	1	Foam, Enclosure	20	405-6413	1	Panel, Rear - Left Side
6	405-6417	1	Door Assembly, Access (See Separate Page for Components)	21	155-3296-02	2	Deflector, Exhaust
7	405-6498	1	Panel, Rear - Upper	22	405-6496	1	Panel, Left Side
8	405-6506	1	Panel, Rear - Right Side	23	187-5183-02	1	Foam, Enclosure
9	187-5187	2	Foam, Enclosure	24	134-5227-02	1	Baffle, Front
10	134-5228-02	1	Baffle, Rear	25	134-5216-02	1	Baffle, Front Panel
11	406-0945	2	Keeper	26	187-5254	1	Foam
12	819-1136-01	4	Screw, Machine - Pan Head (#4-40 x 5/16")	27	405-6407-02	1	Reinforcement, Hinge
13	870-2226-01	4	Nut (#4-40)	28	405-6635	1	Spacer, Hinge
14			Hinge, Male	29	406-0941	2	Hinge, Female
	406-0960	1	Top Hinge	30	405-6500	1	Panel, Front
	406-0942	1	Bottom Hinge	31	187-5102	2	Bumper
15	816-0093	6	Bolt, Carriage	32	850-2081-03	2	Washer, Lock (5/16")
				33	526-0463-04	2	Washer, Flat (5/16")
				34	860-2026-02	2	Nut (5/16"-18)
				35	405-6528	AR	Edging, Trim (25.4 FT.)

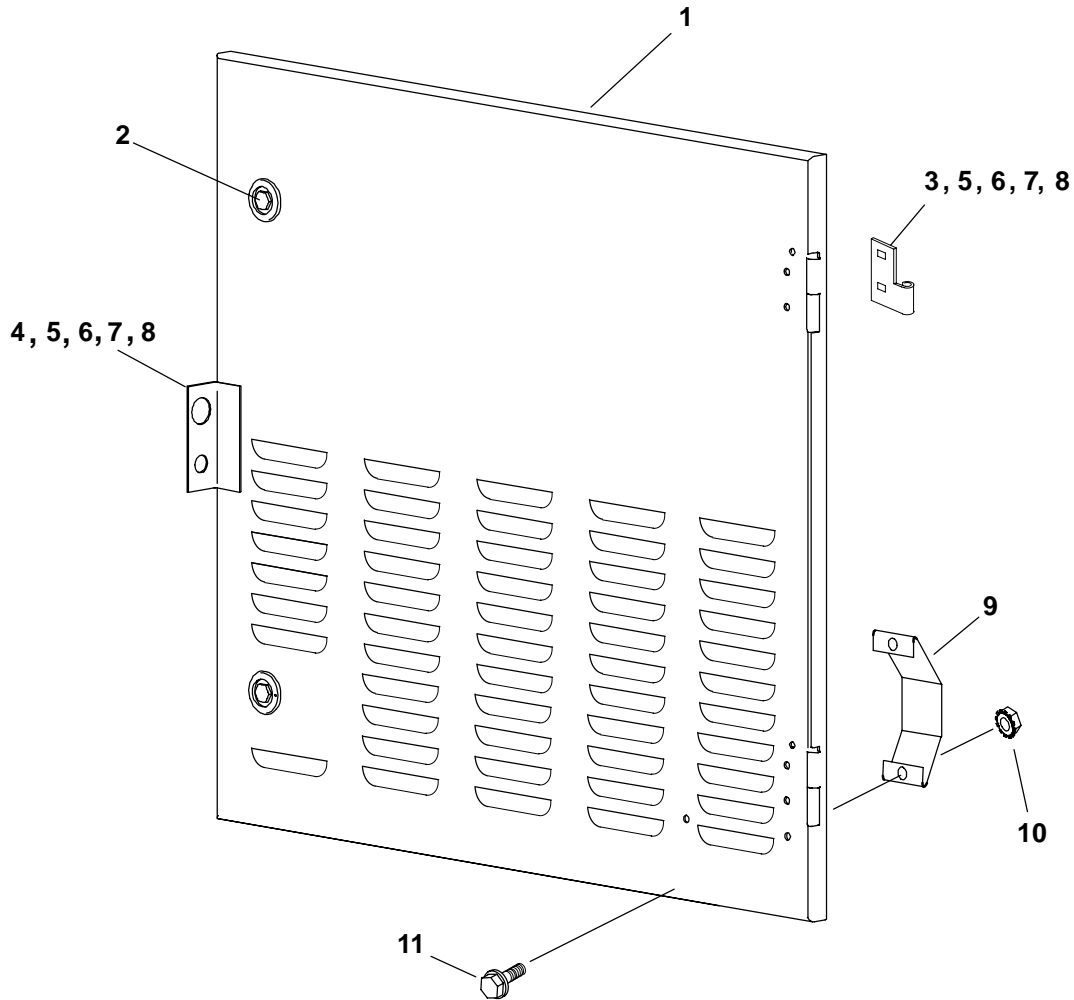
# **Panel Components (Right Side) GCAC**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	518-0696	7	Screw, Panel	6	399-0126-02	1	Plate, Fan
2	187-5188	1	Foam, Enclosure	7	815-0973-32	4	Screw, Hex Washer Head (3/16-32 x 3/4")
3	399-0127-02	1	Bracket, Fan	8	870-2226-05	4	Nut and Captive Washer (3/16"-32)
4	187-5160	1	Fan Assembly	9	187-5183-01	1	Foam, Enclosure
5	815-0378	7	Screw, Self-Tapping (#14 x 3/4")				

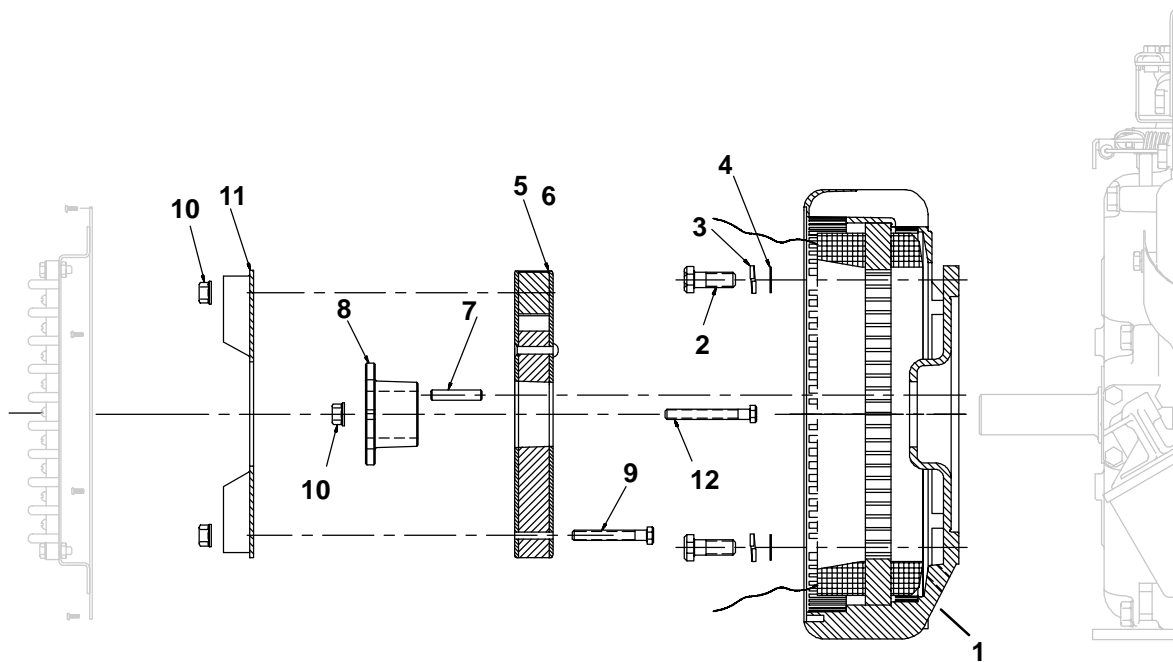


## Service Door



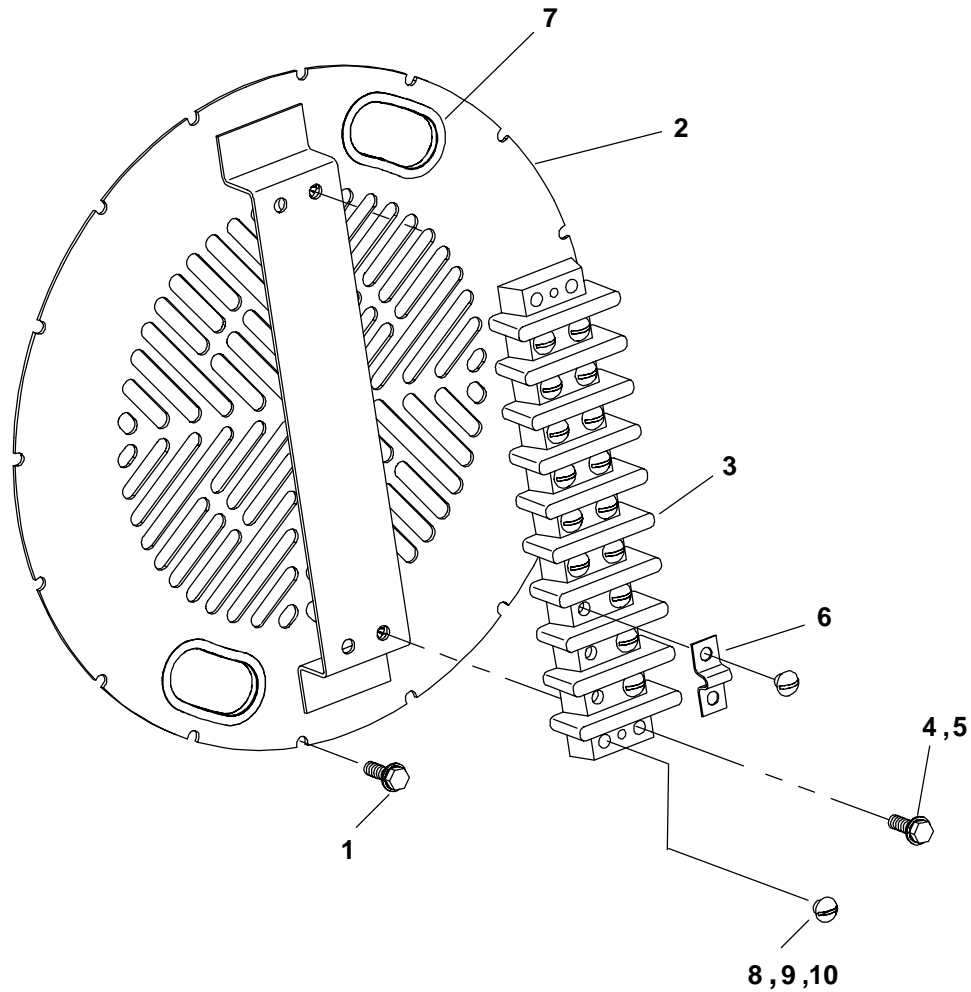
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	405-6417	1	Door Assembly, Complete	6	526-0354	12	Washer, Flat (1/4")
1	405-6499	1	Door, Access	7	850-0040	12	Washer, Lock (1/4")
2	187-5086	2	Latch, Bellcore	8	862-0001	6	Nut, Hex (1/4"-20)
3	406-0943	2	Hinge, Female	9	405-6512	1	Bracket, Actuator Switch
4	406-0939	1	Bracket, Door Lock	10	187-5007-05	2	Nut and Captive Washer (3/16"-32)
5	816-0093	6	Bolt, Carriage (1/4"-20 x 1/2")	11	187-5095-21	2	Screw, Hex (3/16-32 x 1/2")

## Alternator



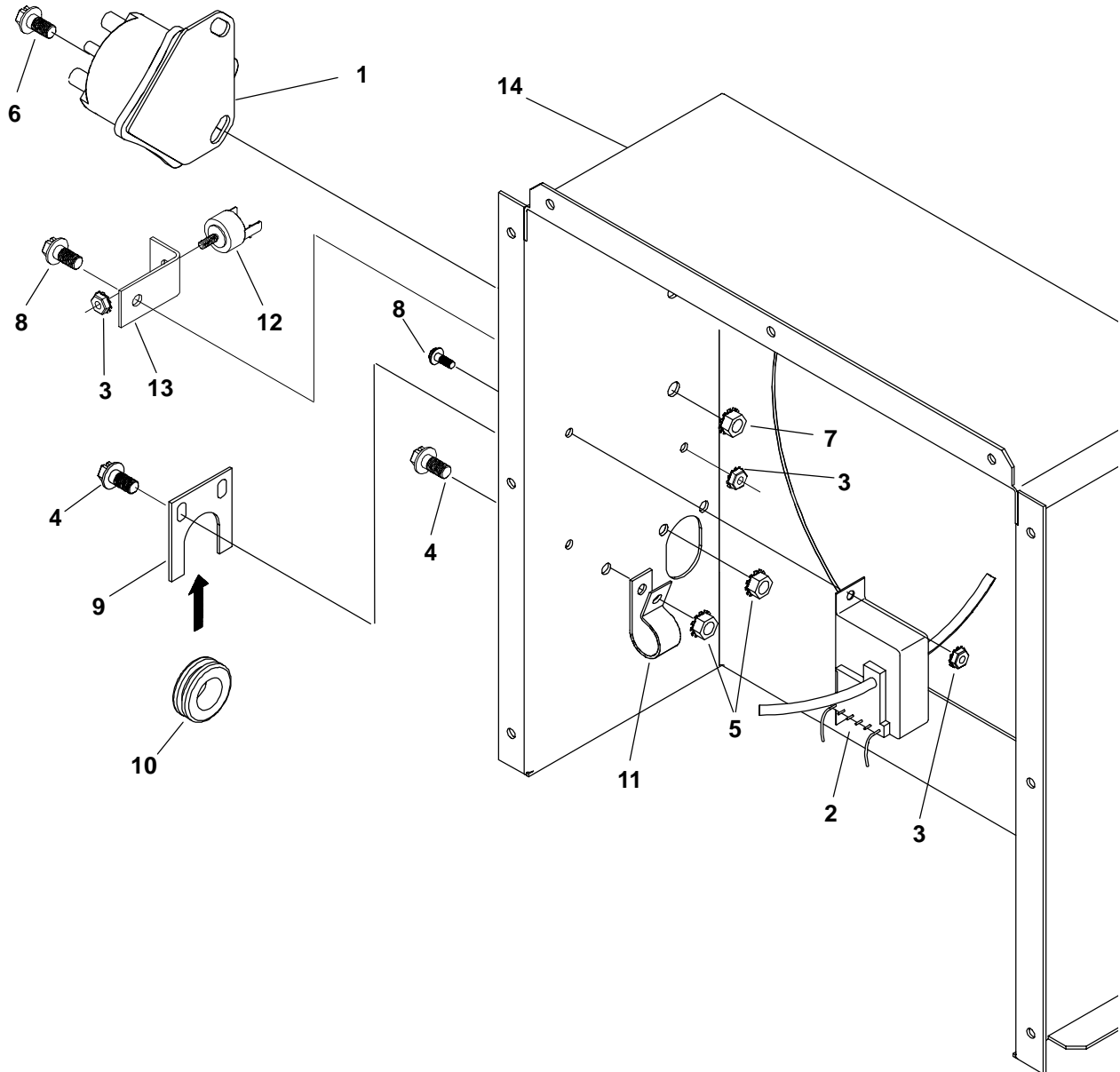
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Housing Assembly, Stator	8	187-5228-02	1	Bushing
	187-5232	1	GCAA	9			Bolt, Hex
	187-5227	1	GCAB		800-3049	4	GCAA (1/4-20 x 1-3/8")
	187-5234	1	GCAC		800-0011	6	GCAB (1/4-20 x 2")
2	800-0050	4	Bolt, Hex (3/8-16 x 1")		800-0010	4	GCAC (1/4"-20 x 1-3/4")
3	850-0050	4	Washer, Lock (3/8")	10	870-2219	6	Nut, Lock (1/4"-20)
4	526-0459	4	Washer, Flat (13/32")	11	187-5229	1	Fan, Cooling
5			Rotor Assembly (Includes Decal)	12	800-0010	2	Bolt, Hex (1/4"-20 x 1-3/4") (GCAA)
	201-3579	1	GCAA				
	201-3578	1	GCAB				
	201-3577	1	GCAC				
6			Decal, Rotor				
	098-7578-04	1	GCAA				
	098-7578-03	1	GCAB				
	098-7578-02	1	GCAC				
7	515-0318-03	1	Key				

## Alternator Cover



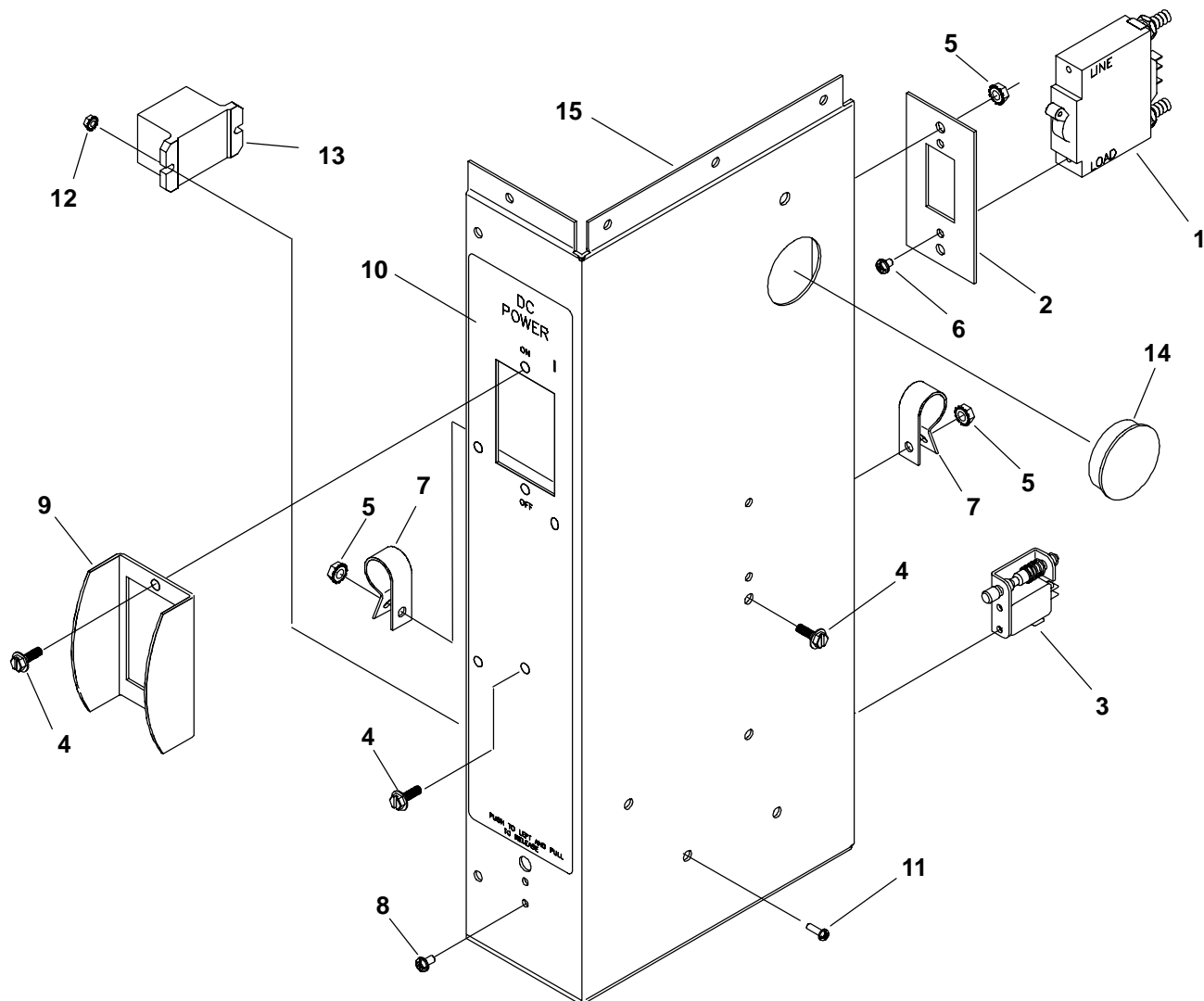
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	187-5143	1	Cover Assembly – Complete	6	332-3625-03	2	Jumper
1	815-0266	8	Screw	7	508-1136	AR	Grommet, Extruded (3/4")
2	187-5267-02	1	Cover, Alternator	8	332-1081	2	Clamp, Cushion (GCAA)
3	332-3624-09	1	Block, Terminal	9	187-5095-25	2	Screw (3/16-32 x 1") (GCAA)
4	187-5095-23	2	Screw, Hex (3/16-32 x 3/4")	10	870-0131	2	Nut (3/16"-32) (GCAA)
5	870-0131	2	Nut (3/16"-32)				

## Alternator Air Baffle



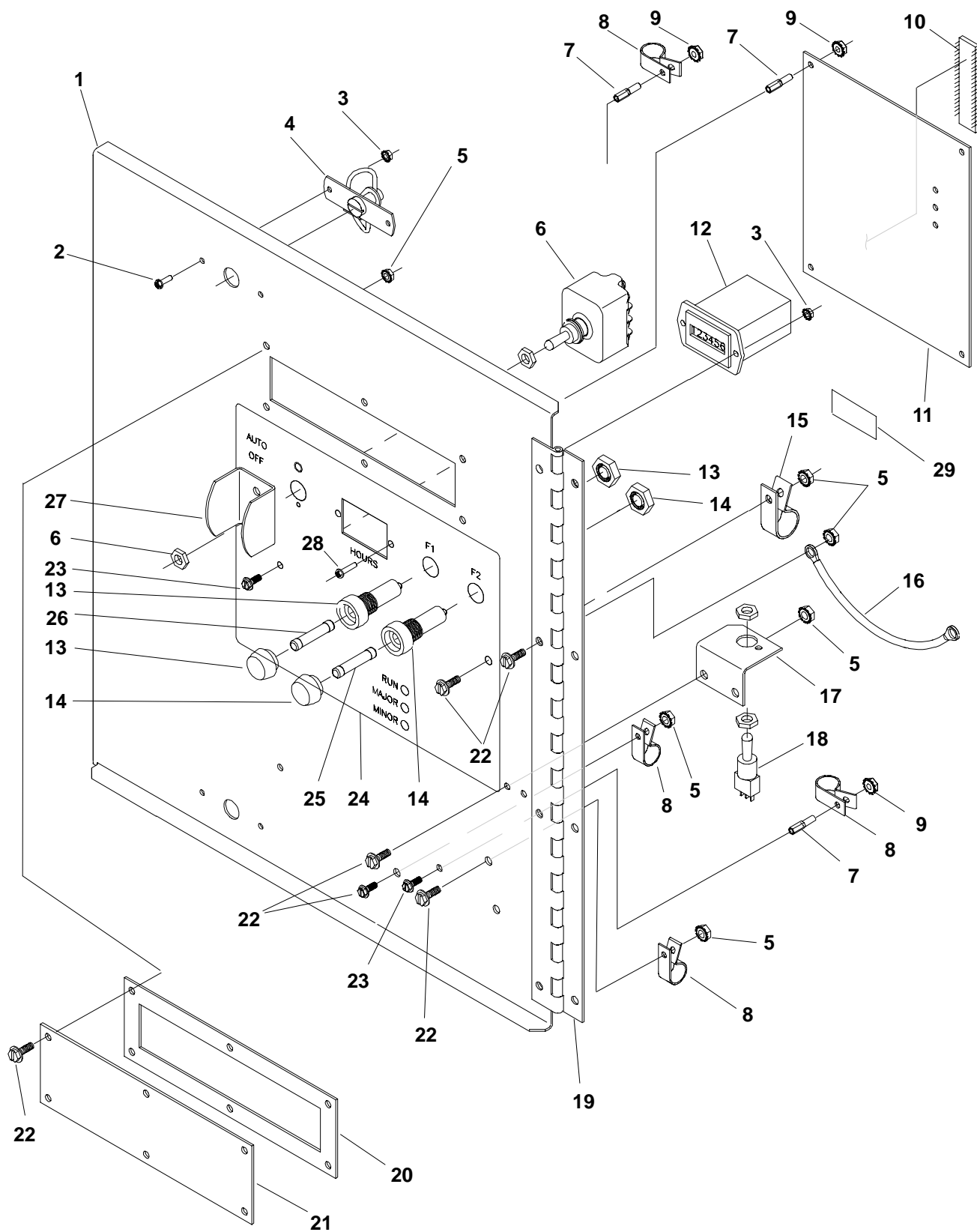
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2943	1	Switch, Solenoid (100A) (K2)	8			Screw, Machine Hex Washer
2	315-0818	1	Transformer, Current (CT1) (Part of Wiring Harness)				Head (9/64-32 x 3/8")
3			Nut and Captive Washer (9/64"-32)	815-0973-10	2		GCAA, GCAB
	870-2226-02	2	GCAA	815-0973-10	3		GCAC
	870-2226-02	4	GCAB	9	187-5078-02	1	Plate, Cover
4	815-0973-30	3	Screw, Machine Hex Washer Head (3/16-32 x 1/2")	10	187-5002	1	Grommet, Extruded
5	870-2226-05	3	Nut and Captive Washer (3/16"-32)	11	332-3682	1	Clamp, Cable (GCAA, GCAB)
6	815-0973-40	2	Screw, Machine Hex Washer Head (1/4-20 x 1/2")	12	187-5172	1	Thermostat, Air Temperature (GCAC)
7	870-2226-06	2	Nut and Captive Washer (1/4"-20)	13	399-0128-02	1	Bracket, Thermostat (GCAC)
				14			Panel, Air Baffle
				134-5223-02	1		GCAA
				134-5229-02	1		GCAB, GCAC

## Control Panel (Right Side)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Circuit Breaker (CB1)	870-2226-05	4	48V	
			GCAA	870-2226-05	2	GCAB, GCAC	
	187-5191-03	1	24V (150A)	6	819-1136-04	2	Screw, Machine (GCAA, GCAB) (48V) (9/64-32 x 3/8")
	187-5190-04	1	48V (70A)	7	332-3682	2	Clamp, Cable
			GCAB	8			Screw, Machine Pan Head
	187-5191-02	1	24V (200A)	819-1136-05	2	GCAA, GCAB (9/64-32 x 1/4")	
	187-5190-03	1	48V (100A)	819-1136-04	2	GCAC (9/64-32 x 3/16")	
			GCAC	9	187-5260-02	1	Guard, Switch
	187-5191-01	1	24V (250A)	10	098-7739	1	Label, Circuit Breaker
	187-5191-03	1	48V (150A)	11	819-1136-02	2	Screw, Machine Pan Head (GCAC) (7/64-40 x 3/8")
2	187-5072-02	1	Plate, Adapter (48V) (GCAA, GCAB)	12	870-2226-01	2	Nut and Captive Washer (GCAC) (7/64"-40)
3	187-5010	1	Switch, Door (S4) (Part of Wiring Harness Listed on Separate Page)	13	187-5259	1	Relay (30A, 2 Pole) (GCAC)
4	815-0973-30	4	Screw, Machine (3/16-32 x 1/2")	14	517-0138-05	1	Caplug
5			Nut and Captive Washer GCAA (3/16"-32)	15	319-3837-02	1	Panel, Control - Right Side
	870-2226-05	2	24V				

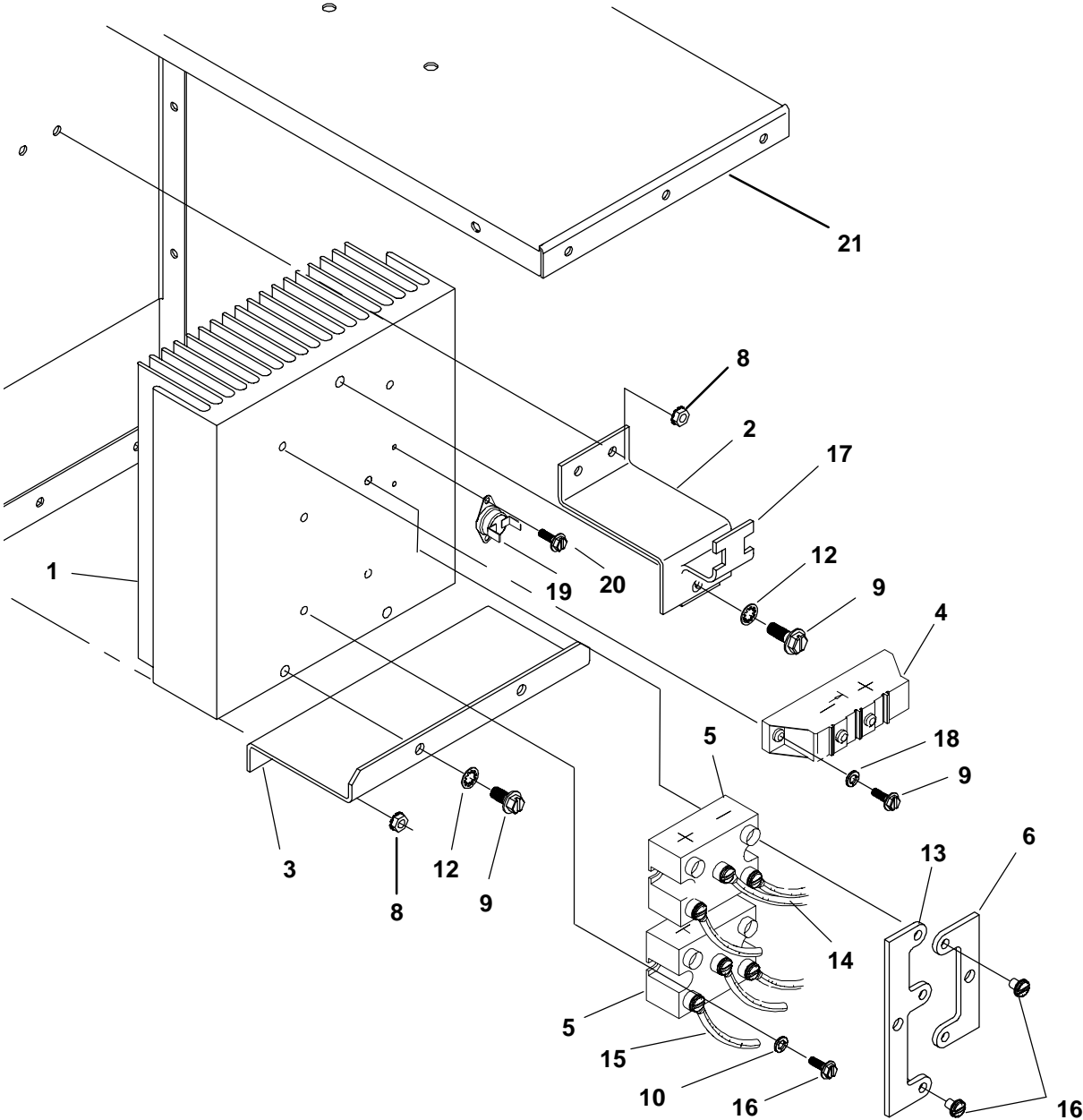
## Control Door



## Control Door

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4276-02	1	Door, Control	15	332-3682	1	Clamp, Cable
2	819-1136-02	4	Screw, Machine Pan Head (7/16-40 x 3/8")	16	187-5038-01	1	Strap, Ground
3	870-2226-01	6	Nut and Captive Washer (7/16"-40)	17	405-6668-02	1	Bracket, Fuel Switch (GCAC)
4	406-0948	2	Latch, Spring	18	308-1108	1	Switch, Toggle (GCAC)
5			Nut and Captive Washer (3/16"-32)	19	406-0949-02	1	Hinge
	870-2226-05	17	GCAA	20	319-4279	1	Gasket, Cover Plate
	870-2226-05	19	GCAC	21	319-4277-02	1	Plate, Cover
6	187-5127	1	Switch (S1) (Includes Nuts) (Part of Wiring Harness)	22			Screw, Machine Hex Washer Head (3/16-32 x 1/2")
7	319-4188	4	Standoff		815-0973-30	17	GCAA
8			Clamp, Cable		815-0973-30	19	GCAC
	332-0905	2	GCAA	23			Screw, Machine Pan Head
	332-0905	4	GCAC		819-1136-05	4	GCAA (9/64-32 x 1/4")
9	870-2226-02	4	Nut and Captive Washer (9/64"-32)		819-1136-04	4	GCAC (9/64-32 x 3/16")
10	326-0330-xx		Microcontroller (Refer to Label on Existing Microcontroller for Specific Part Number)	24	098-7738	1	Label, Door
		1		25	187-5012-28	1	Fuse (F2) (5A)
11	300-5414-02	1	Control Unit-PC Board	26			Fuse (F1)
12	302-0885	1	Meter, Hour		187-5012-32	1	GCAA (10A)
13	187-5042-02	1	Holder Assembly, Fuse (Includes Cap and Nut)		187-5012-35	1	GCAC (20A)
14	187-5042-01	1	Holder, Fuse (Includes Cap and Nut)	27	187-5080-02	1	Guard, Switch
				28	819-1136-03	2	Screw, Machine Pan Head (7/64-40 x 1/2")
				29	098-7727	1	Label, Fuel Switch

# Control Panel (Left Side) GCAA

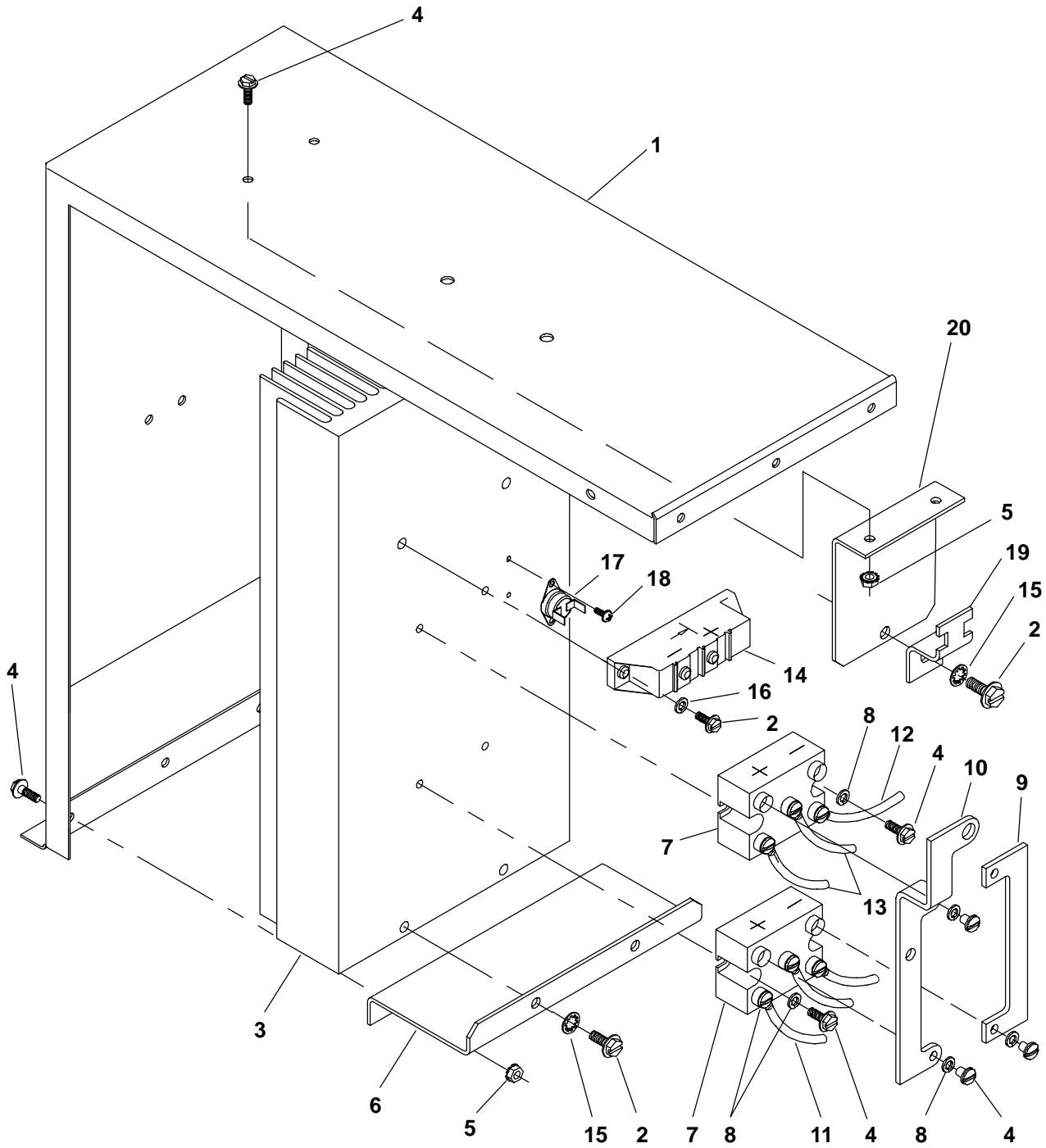




**Control Panel  
(Left Side)  
GCAA**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	363-0192	1	Heatsink	11	860-2026-18	2	Nut, Hex (9/64"-32)
2	187-5076-02	1	Bracket, Heatsink	12	854-0038-02	3	Washer, Lock IT (1/4")
3	187-5068-02	1	Support, Heatsink	13			Bar, Bus
4			Diode Module		337-3447-02	1	24V
	358-0150-02	1	24V		337-3446-02	1	48V
	358-0148-01	1	48V	14			Cable
5			Diode Module		187-5040-01	1	Position 1
	358-0152-08	2	24V		187-5040-02	2	Position 2 & 3
	358-0152-08	1	48V	15	187-5040-03	3	Cable Assembly(24V) (Position 1, 2 & 3)
6	337-3442-02	1	Bar, Bus (24V)	16	815-0364	4	Screw (3/16-32 x 1/2")
7	815-0973-30	16	Screw, Machine Hex Washer Head (3/16-32 x 1/2")	17	405-6408-02	1	Support, Cable
8	870-2226-05	16	Nut and Captive Washer (3/16"-32)	18	850-2081-02	2	Washer, Lock Spring Helical (1/4")
9	815-0973-40	9	Screw, Machine Hex Washer Head (1/4-20 x 1/2")	19	187-5082-01	1	Thermostat (S6) (Part of Wiring Harness)
10			Washer, Lock Spring Helical (3/16")	20	815-0973-01	2	Screw (7/64-40 x 5/16")
	850-2081-01	14	24V	21	319-3838-02	1	Panel, Control Box - Left Side
	850-2081-01	7	48V				

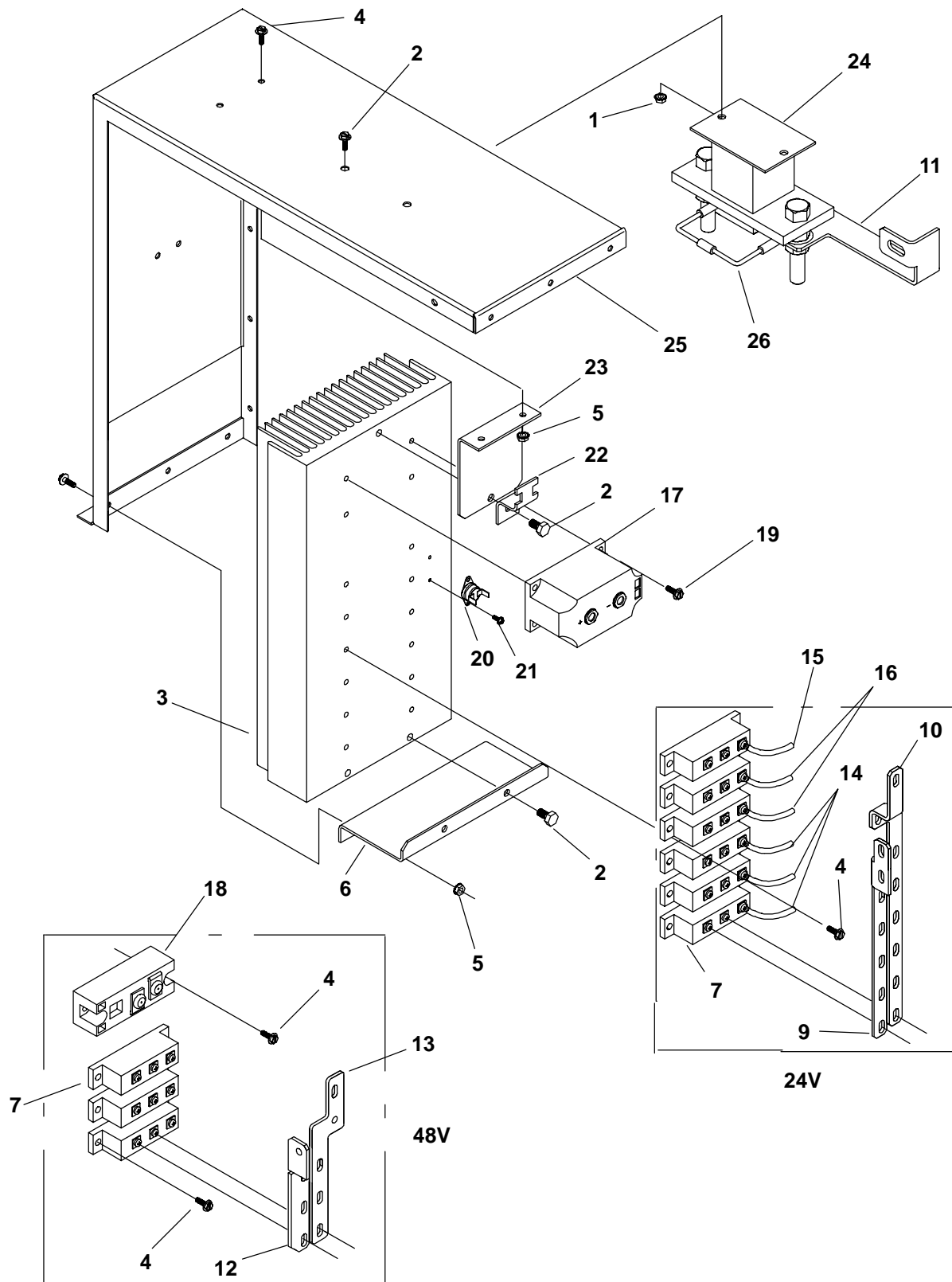
# Control Panel (Left Side) GCAB



**Control Panel  
(Left Side)  
GCAB**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3838-02	1	Panel, Control Box – Left Side	10			Bar, Bus
2	815-0973-40	5	Screw, Machine Hex Washer Head (1/4-20 x 1/2")		337-3457-02	1	24V
					337-3450-02	1	48V
3	363-0191	1	Heatsink	11	187-5040-03	3	Cable Assembly (24V) (Position 1, 2, & 3)
4			Screw, Machine Hex Washer Head (3/16-32 x 1/2")	12	187-5040-01	1	Cable, Position 1
	815-0973-30	15	24V	13	187-5040-02	2	Cable, Position 2 & 3
	815-0973-30	10	48V	14			Diode Module
5	870-2226-05	5	Nut and Captive Washer (3/16"-32)		358-0150-01	1	270A (24V)
					358-0150-02	1	165A (48V)
6	187-5068-02	1	Support, Heatsink	15	854-0038-02	3	Washer, Lock IT (1/4")
7			Diode Module	16	850-2081-02	2	Washer, Lock Spring (1/4")
	358-0152-08	2	24V	17	187-5082-01	1	Thermostat (S6) (Part of the Wiring Harness)
	358-0152-08	1	48V				
8			Washer, Lock Spring (3/16")	18	815-0973-01	2	Screw (7/64-40 x 5/16")
	850-2081-01	14	24V	19	405-6408-02	1	Support, Cable
	850-2081-01	7	48V	20	187-5161-02	1	Bracket, Mounting Heatsink
9	337-3441-02	1	Bar, Bus (24V)				

# Control Panel (Left Side) GCAC

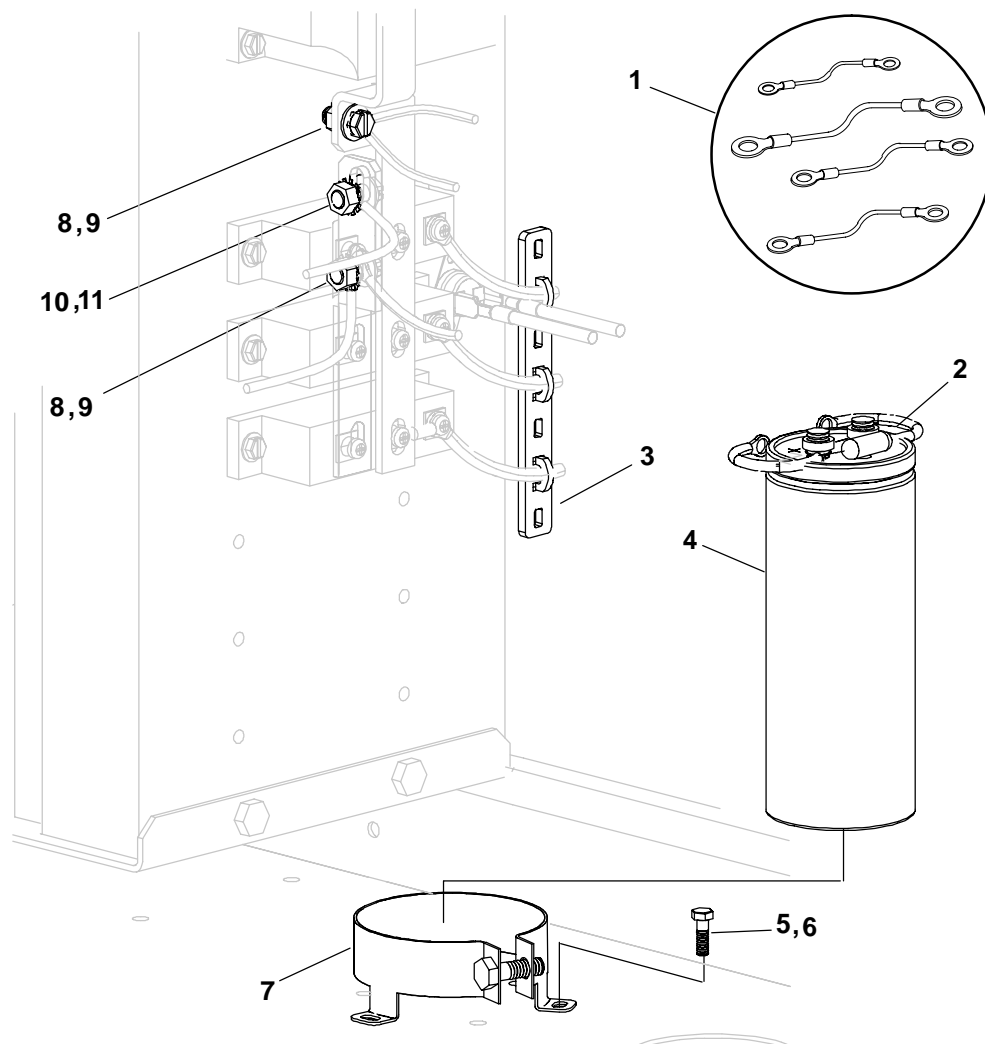


**Control Panel  
(Left Side)  
GCAC**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-2226-06	2	Nut and Captive Washer (1/4"-20)	12	337-3443-02	1	Bar, Bus (48V)
2	815-0973-40	5	Screw, Machine Hex Washer Head (1/4-20 x 1/2")	13	337-3444-02	1	Bar, Bus (48V)
3	363-0193	1	Heatsink	14	187-5040-03	3	Cable Assembly (24V) (Position 1, 2, & 3)
4			Screw, Machine Hex Washer Head (3/16-32 x 1/2")	15	187-5040-01	1	Cable, Position 1
	815-0973-30	17	24V	16	187-5040-02	2	Cable, Position 2 & 3
	815-0973-30	13	48V	17	358-0150-01	1	Diode-270A (24V)
5	870-2226-05	5	Nut and Captive Washer (3/16"-32)	18	358-0150-02	1	Diode-165A (48V)
6	187-5068-02	1	Support, Heatsink	19	815-0973-32	4	Screw, Machine (3/16-32 x 3/4") (24V)
7			Rectifier, Model (91A)	20	187-5082-01	1	Thermostat (S6) (Part of the Wiring Harness)
	358-0149-01	6	24V	21	815-0973-01	2	Screw (7/64-40 x 5/16")
	358-0149-01	3	48V	22	405-6408-02	1	Support, Cable
8	815-0364	4	Screw	23	187-5161-02	1	Bracket, Mounting Heatsink
9	337-3438-02	1	Bar, Bus (24V)	24	187-5193	1	Contactor-400A (24V)
10	337-3437-02	1	Bar, Bus (24V)	25	319-3838-02	1	Panel, Control Box - Left Side
11	337-3439-02	1	Bar, Bus (24V)	26	187-5257-01	1	Diode Assembly

## Control Wiring (Left Side)

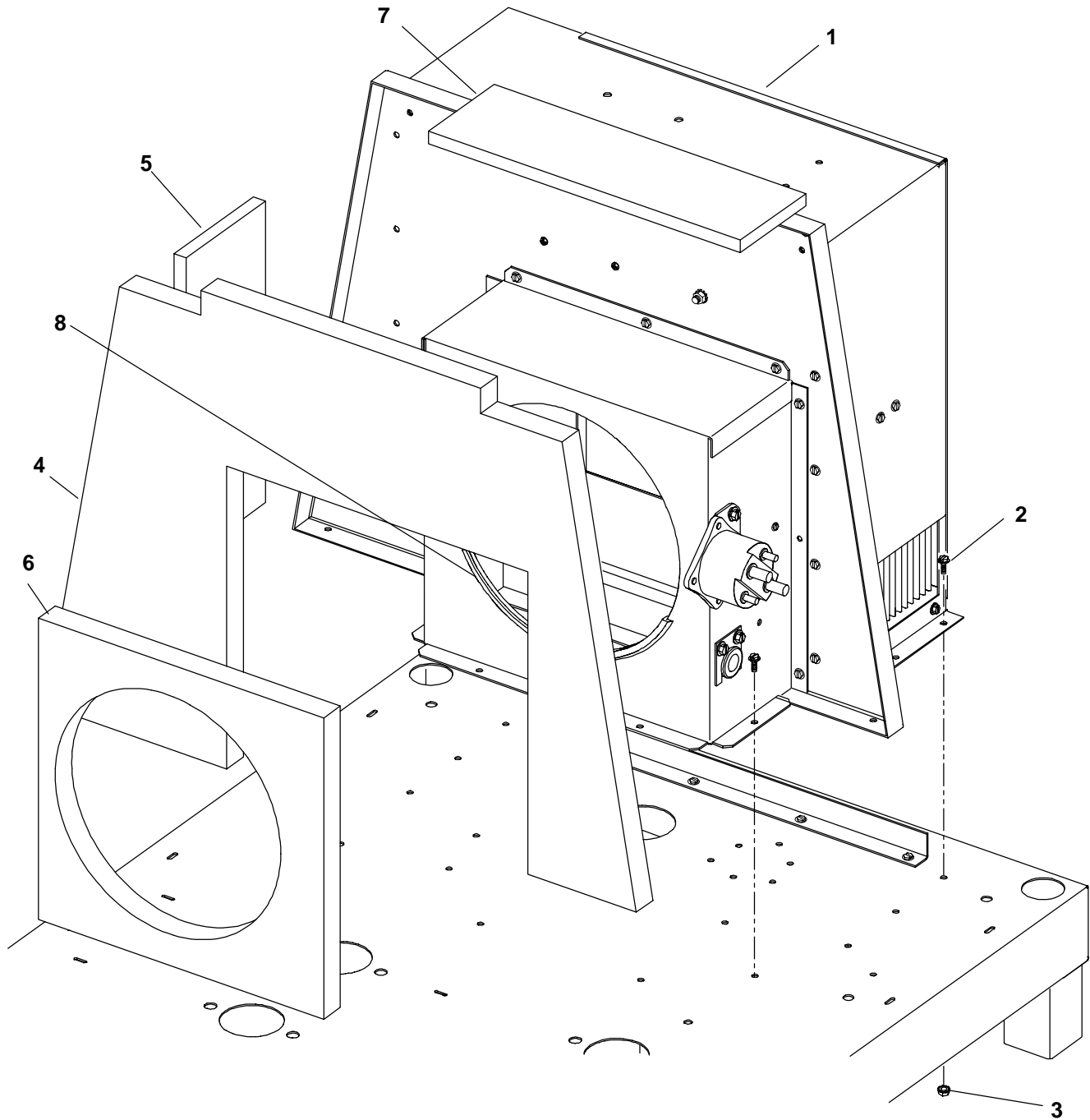
Typical Wiring (for Reference Only)



## Control Wiring (Left Side)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cables	2	187-5037	1	Resistor Assembly (Includes
			GCAA				Terminal and Resistor)
	187-5044-04	1	17"		332-0147	2	Terminal, Lug (#10)
	187-5044-06	1	9.5"		350-1236	1	Resistor (500 OHM)
	187-5044-08	1	16"	3	319-4189	1	Plate, Multi Tie
	187-5044-09	1	16"	4	187-5124	1	Capacitor
	187-5044-10	1	15"	5	812-0079	3	Screw, Machine
	187-5044-11	1	23"	6			Nut and Captive Washer
	187-5044-12	1	11.5"		870-0221	3	GCAA
	187-5063	1	17.75"		187-5007-03	3	GCAB, GCAC (5/32-32 x 1/2")
			GCAB	7	187-5014-01	1	Bracket, Mounting
	187-5044-01	1	17"	8	187-5095-22	2	Screw, Machine Hex Washer
	187-5044-02	1	9.5"				Head (GCAC) (3/16-32 x 5/8")
	187-5044-03	1	16"	9	187-5007-05	2	Nut and Captive Washer
	187-5044-05	1	16"				(3/16"-32) (GCAC)
	187-5044-07	1	15"	10	187-5095-30	1	Screw, Machine Hex Washer
	187-5063	1	23"				Head (1/4-20 x 1/2") (GCAC)
			GCAC	11	187-5007-06	1	Nut and Captive Washer
	187-5044-13	1	14"				(1/4"-20) (GCAC)
	187-5044-14	1	14"				
	187-5044-15	1	14"				
	187-5044-16	1	12"				
	187-5044-17	1	14"				
	187-5044-18	1	10"				
	187-5063	1	17.75"				

## Control Box

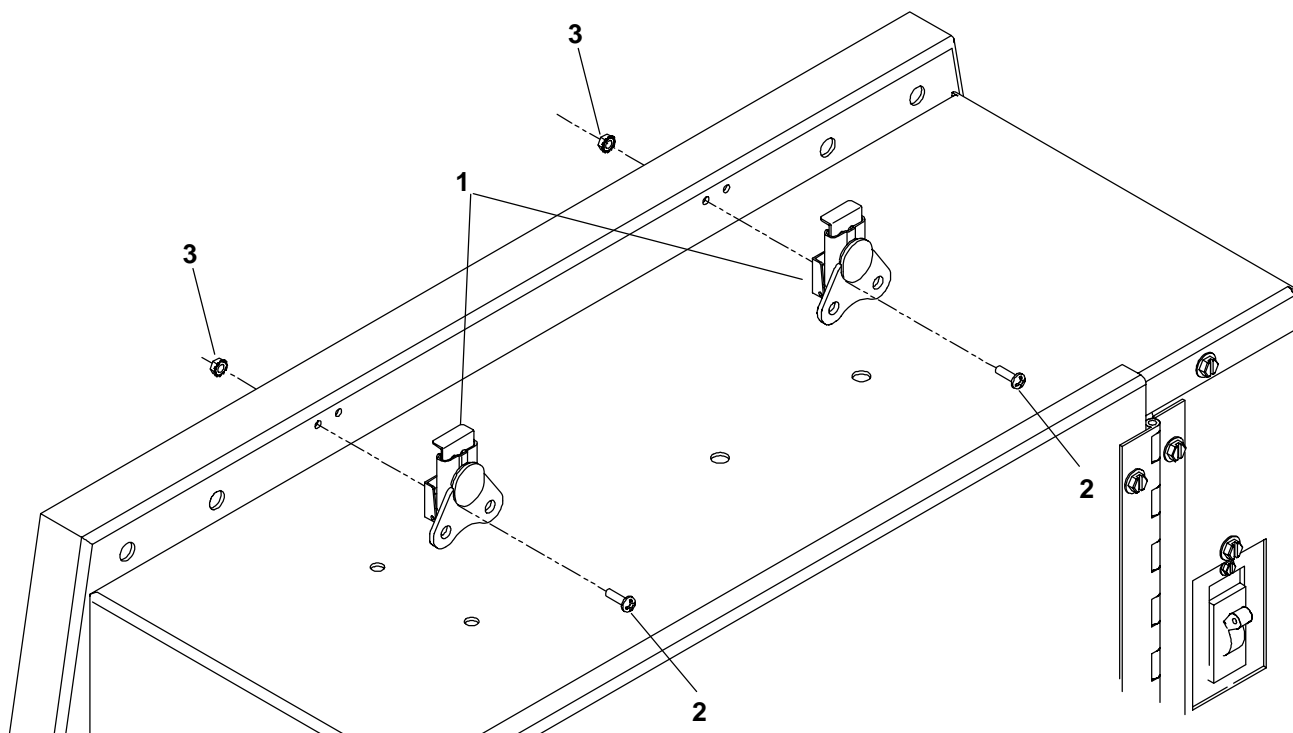


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Box, Control – Complete (See Separate Page for Internal Components)
	300-5349-01	1	GCAA (24V)
	300-5349-02	1	GCAA (48V)
	300-5351-01	1	GCAB (24V)
	300-5351-02	1	GCAB (48V)
	300-5353-01	1	GCAC (24V)
	300-5353-02	1	GCAC (48V)
2	815-0973-30	16	Screw, Machine
3	870-2226-05	16	Nut and Captive Washer

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4			Foam, Hot/Cold – Rear Baffle
	187-5104	1	GCAA
	187-5177	1	GCAB
	187-5189	1	GCAC
5			Foam, Baffle – Right Side
	187-5105	1	GCAA, GCAC
	187-5176	1	GCAB
6	187-5106	1	Foam, Baffle
7	187-5175	1	Foam, Baffle (GCAA)
8	508-1136	1	Grommet, Extruded (.85ft.)

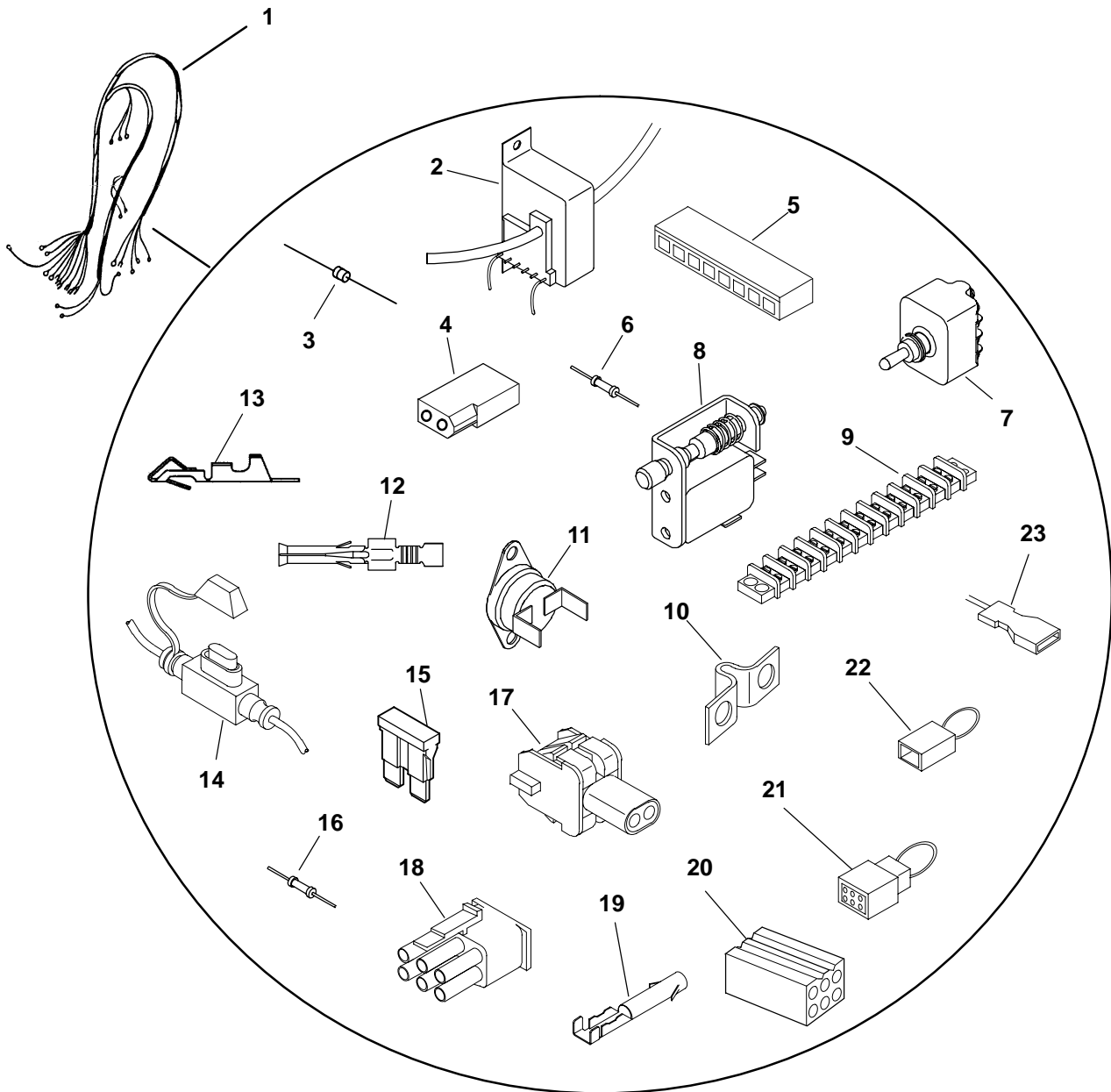


## Latch Spring



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	406-0947	2	Latch, Spring
2	819-1136-02	4	Screw, Pan Head (7/64-40 x 3/8")
3	870-2226-01	4	Nut and Captive Washer (7/64"-40)

# Wiring Harness



## Wiring Harness

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring – Complete	9			Block, Terminal (TB2–6", TB3–3–1/3", TB6–1–5/8", TB5–2–1/2") (See Rear Baffle Page for Part Numbers)
	187–5033	1	GCAA				
	187–5151	1	GCAB				
	187–5225	1	GCAC				
2	315–0818	1	Transformer, Current (CT1)	10	332–3625–04	2	Jumper, J Type (TB3)
3	357–0132	2	Diode (D2, D3)	11	187–5082–01	1	Thermostat (S6)
4			Receptacle, 2 Position (J12, J15, J17, J19, J20, J21)	12	332–3702	10	Terminal, Female (J12, J13, J15, J16, J19, J20, J22)
	323–1872	6	GCAA, GCAB	13	332–3622	35	Terminal, Connector PCB (P1, P2, P3, P4, P5, P7, P8, P9)
	323–1872	7	GCAC				
5			Plug	14	321–0374	1	Holder Assembly, Fuse
	323–1868–10	1	10 Position (P1)	15			Fuse, ATO
	323–1868–03	1	3 Position (P2)		321–0372–05	1	GCAA (10A)
	323–1868–02	2	2 Position (P3, P5)		321–0372–07	1	GCAB, GCAC (20A 32V)
	323–1868–07	1	7 Position (P4)	16	350–1237–01	1	Resistor (3.0OHM 25W) GCAC
	323–1868–06	1	6 Position (P7)	17	323–1894	1	Connector, 2 Pin (J14) (GCAB, GCAC)
	323–1868–04	1	4 Position (P8)				
	323–1868–12	1	12 Position (P9)	18	323–1317	1	Plug, 6 Pin (J19)
6			Resistor (R3)	19	323–1199	6	Pin (J14, J19))
	351–5005–11	2	GCAA (121 Ohm)	20	323–1891	1	Receptacle, 6 Pin (J22)
	351–5001–86	2	GCAB (90.9 Ohm)	21	338–4014	1	Harness, Jumper – 6 Pin (J22)
	351–5001–52	2	GCAC (60.4 Ohm)	22	338–4013	1	Harness, Jumper – 2 Pin (J21)
7	187–5127	1	Switch, Master (S1)	23	332–1992	2	Terminal, Female (S8)
8	187–5010	1	Switch, Door (S4)				

## Labels

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	098-6195	1	Decal – Caution Hot Surface (Allow to Cool)		098-7727	1	Label – Fuel Select (GCAC)
	098-6387	2	Decal–Caution Hot Surface (Do Not Touch)		098-7800	2	Label – Maintenance
	098-7335	2	Decal – Caution Lifting		098-7799	2	Label – Oil
	098-6139-08	1	Decal – Cummins/Onan		098-6074-01	1	Decal – Warning (Operation)
	098-5387-01	1	Decal – Danger High Voltage		187-5251	2	Label – Warning (GCAC)
	098-2235-02	2	Decal – Ground		098-7615	1	Label – Warning Electric Shock
	098-7798	1	Label – Annunciator		098-7797	1	Label – Positive
					098-7796	1	Label – Negative

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