

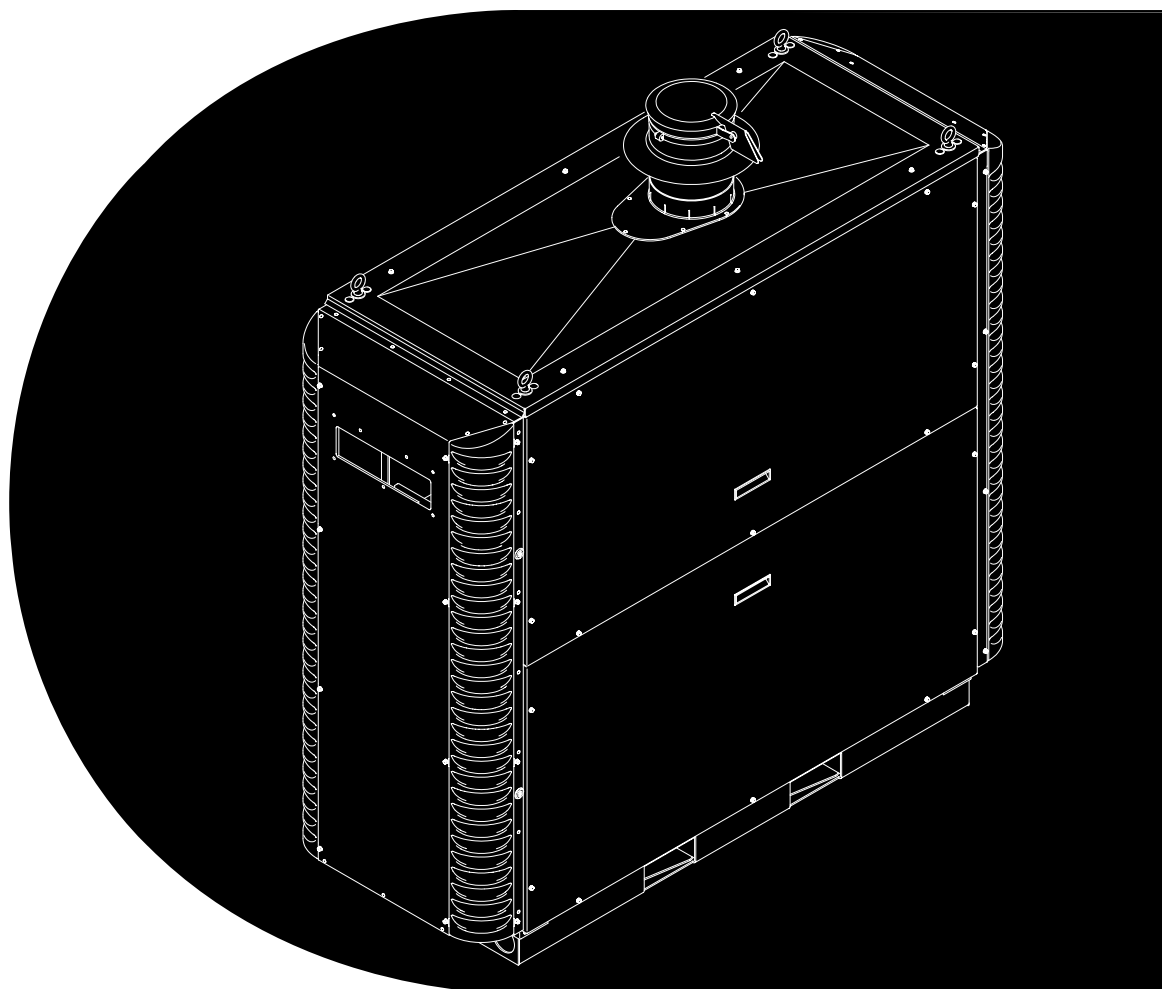
Parts Catalog

Models

GTAA (Spec A)

GTAB (Spec A)

MICROTURBINE GENERATOR SET



950-0200 9-2002

Printed in U.S.A.

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

Introduction

This catalog applies to Cummins Power Generation Microturbine Generator Models GTAA and GTAB 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 control end (front) of the set unless noted in the description column.

The service parts that have been added by Cummins Power Generation are identified in this catalog. Contact your nearest distributor for assistance in ordering replacement parts.

Replacement Engine

Onan/Cummins Generator Model	Fuel	Cummins Engine Model
GTAA	Gas	0100-3750-01 0100-3750-02 (Remanufactured)
GTAA	Liquid	0100-3752-01 0100-3752-02 (Remanufactured)
GTAB	Gas	0100-3738-01 0100-3738-02 (Remanufactured)

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

Generator Set Data Table

Model and Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
28GTAA/*	28,000	277/480	50/60	4	3	24VDC
30GTAA/*	30,000	277/480	50/60	4	3	24VDC
60GTAB/*	60,000	277/480	50/60	4	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.

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Abbreviations

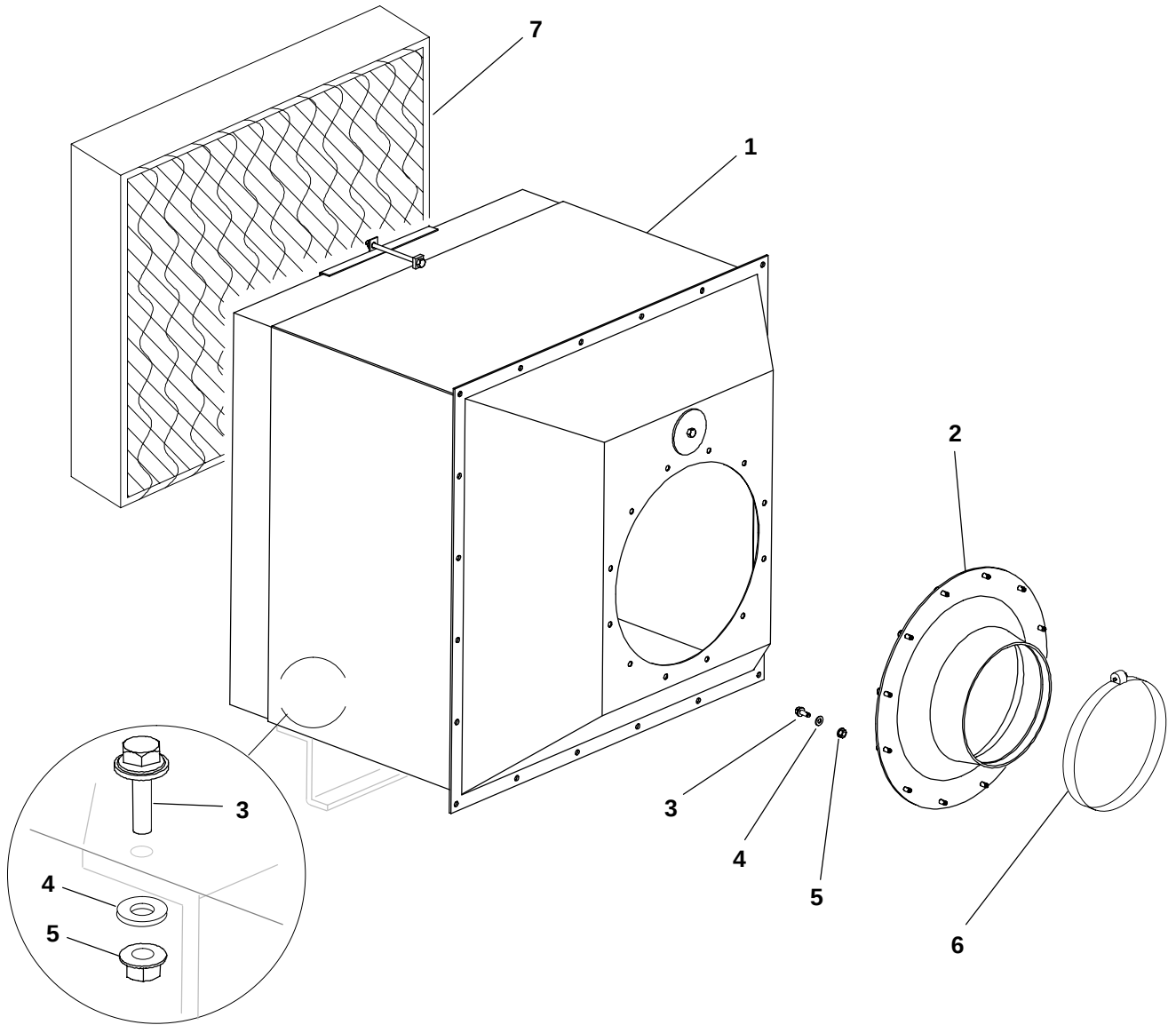
Some of the following abbreviations may be used throughout this Parts Catalog;

Alternating Current	AC	Meter	M(meter Number)
Ampere	Amp	Millimeter	mm
As Required	A/R	Natural Gas	NG
Automatic Voltage Regulator	AVR	Not For Sale	NFS
American Wire Gauge	AWG	Nominal Pipe Thread	NPT
Battery Control Module	BCM	Outside Diameter	OD
Battery Controller, Transient	BCT	Ounce	oz.
Degree	Deg	Permanent Magnet Exciter	PMG
Digital Power Controller	DPC	Phase	Ph
Direct Current	DC	Printed Circuit Board	PCB
Engine Control Module	ECM	Printed Circuit Board Assembly	PCBA
Electromagnetic Interface	EMI	Radio Frequency Interference	RFI
External Tooth	ET	Right	RT
External/Internal Tooth	EIT	Rotary Flow Compressor	RFC
Ground Fault Interrupter	GFI	Smart Proportional Valve	SPV
Inside Diameter	ID	Specification	Spec
Internal Tooth	IT	Thick	Thk
International Electrotechnical Commission	IEC	Turbine Exit Temperature	TET
Isolated Gate Bipolar Transistor	IGBT	Underwriters Laboratories Inc.	UL
Kilowatt	kW	Union National Coarse	UNC
Liquid Petroleum Gas	LPG	Union National Fine	UNF
Left	LT	User Connection Bay	UCB
Load Control Module	LCM	Volts Alternating Current	VAC
Low Pressure	LP	Volts Direct Current	VDC
		With	W/(ET, IT, EIT)

Paint and Thread Sealant

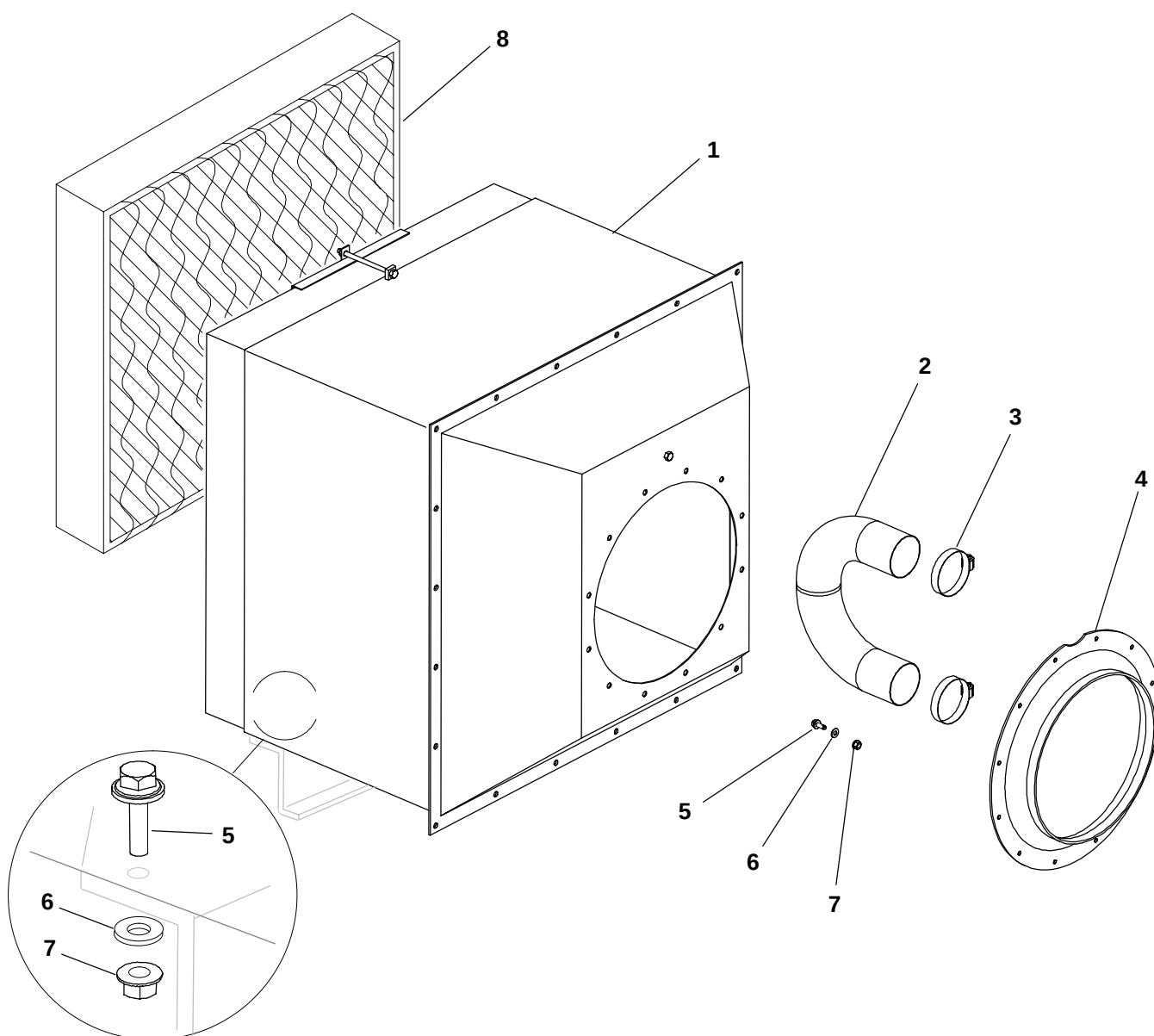
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metallic)	525-0306	-		Quart Can
			12 oz. Pressurized Spray Can	525-0304	-		Gallon Can
	525-0305	-		518-0391	-		Sealant, Thread (6 ml Tube)

Air Cleaner GTAA



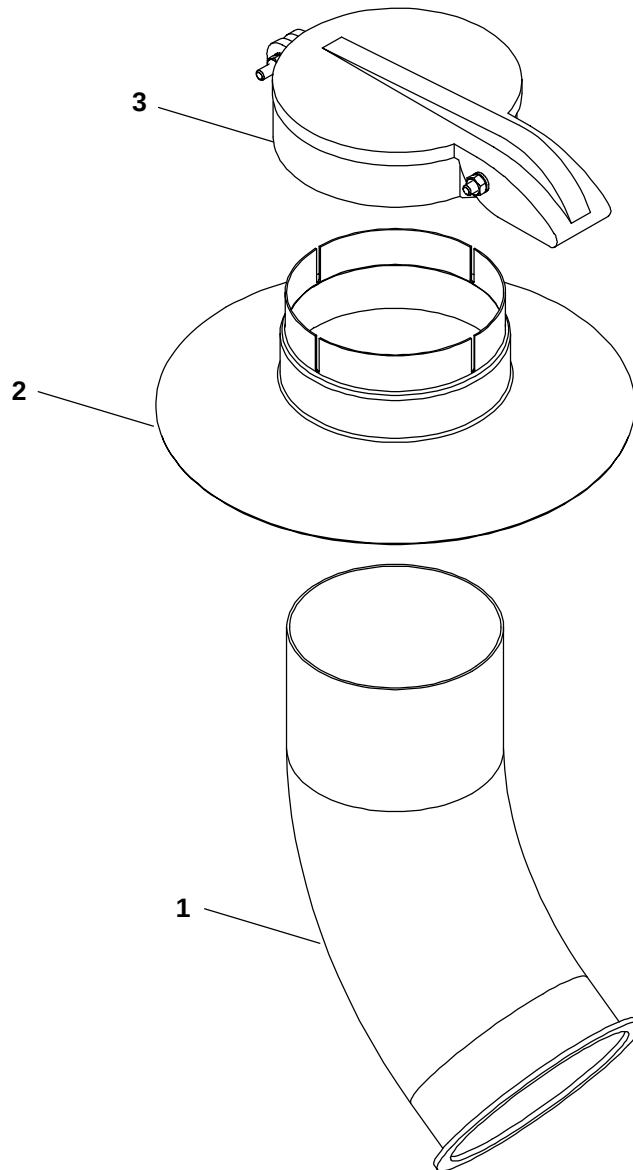
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3422	1	Silencer, Air Intake (Includes Element 140-3434)	4	526-0464	22	Washer, Flat (M6)
2	405-7163	1	Seal, Air Inlet	5	860-2021	22	Nut, Hex (M6 x 1)
3	821-6006-01	34	Screw, Hex Head SEMS (M6 x 0.8 x 16)	6	503-1870-14	1	Clamp, Hose
				7	140-3434	1	Element, Air Cleaner

Air Cleaner GTAB



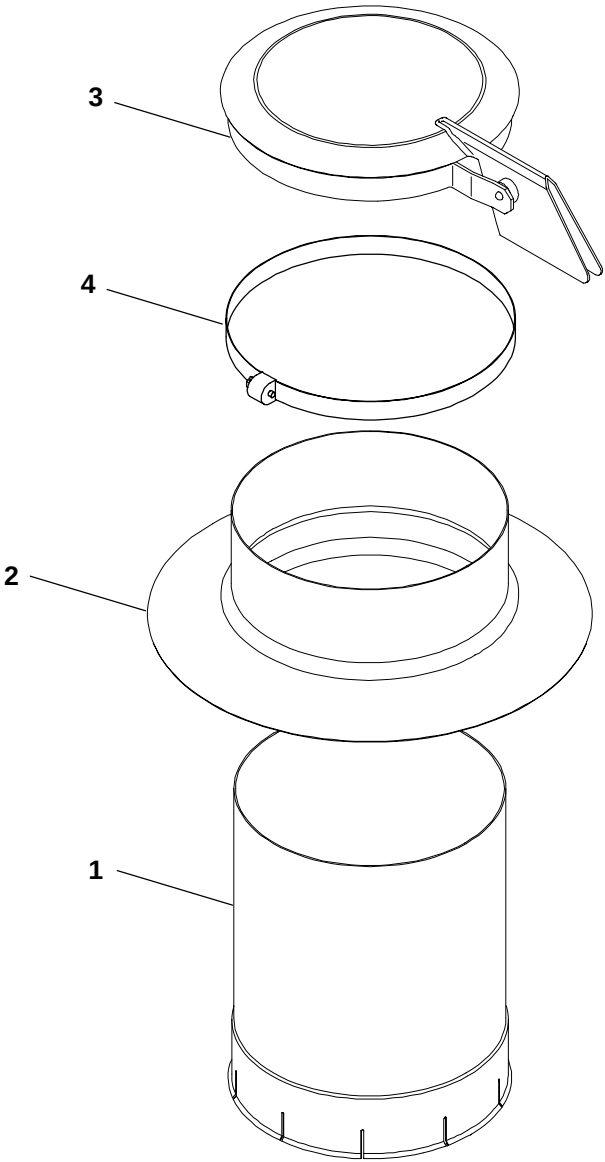
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-3422	1	Silencer, Air Intake (Includes Element 140-3434)	5	821-6006-01	34	Screw, Hex Head SEMS (M6 x 0.8 x 16)
2	503-2304	1	Hose, Intake	6	526-0464	22	Washer, Flat (M6)
3	503-1142	2	Clamp, Hose	7	860-2021	22	Nut, Hex (M6 x 1)
4	405-7159	1	Seal, Air Inlet	8	140-3434	1	Element, Air Cleaner

Exhaust GTAA



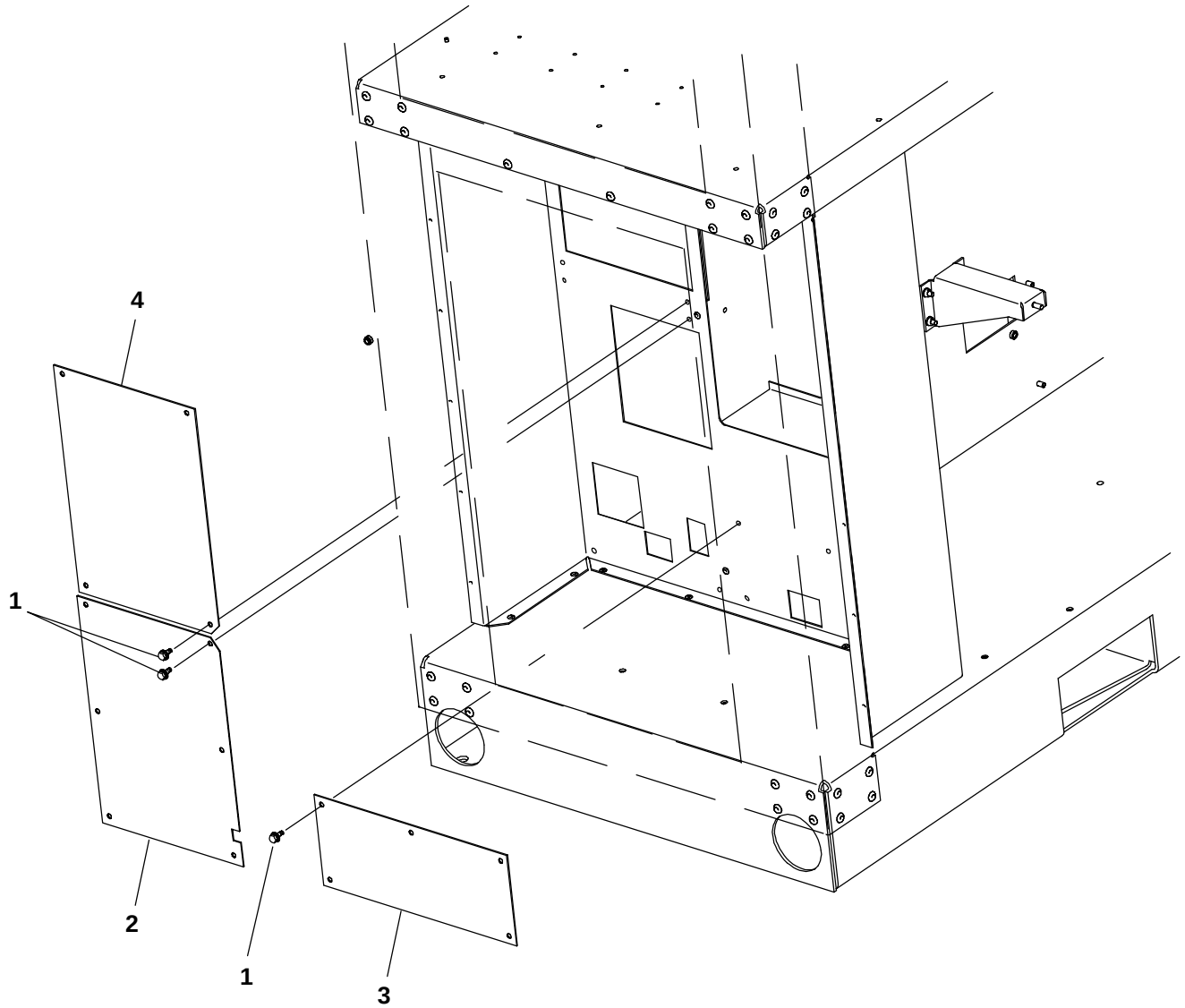
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Adapter, Exhaust	2	155-3180-01	1	Shield, Rain
	155-3602-01	1	312mm Height	3	155-2062-63	1	Cap, Rain
	155-3602-02	1	277mm Height				

Exhaust
GTAB



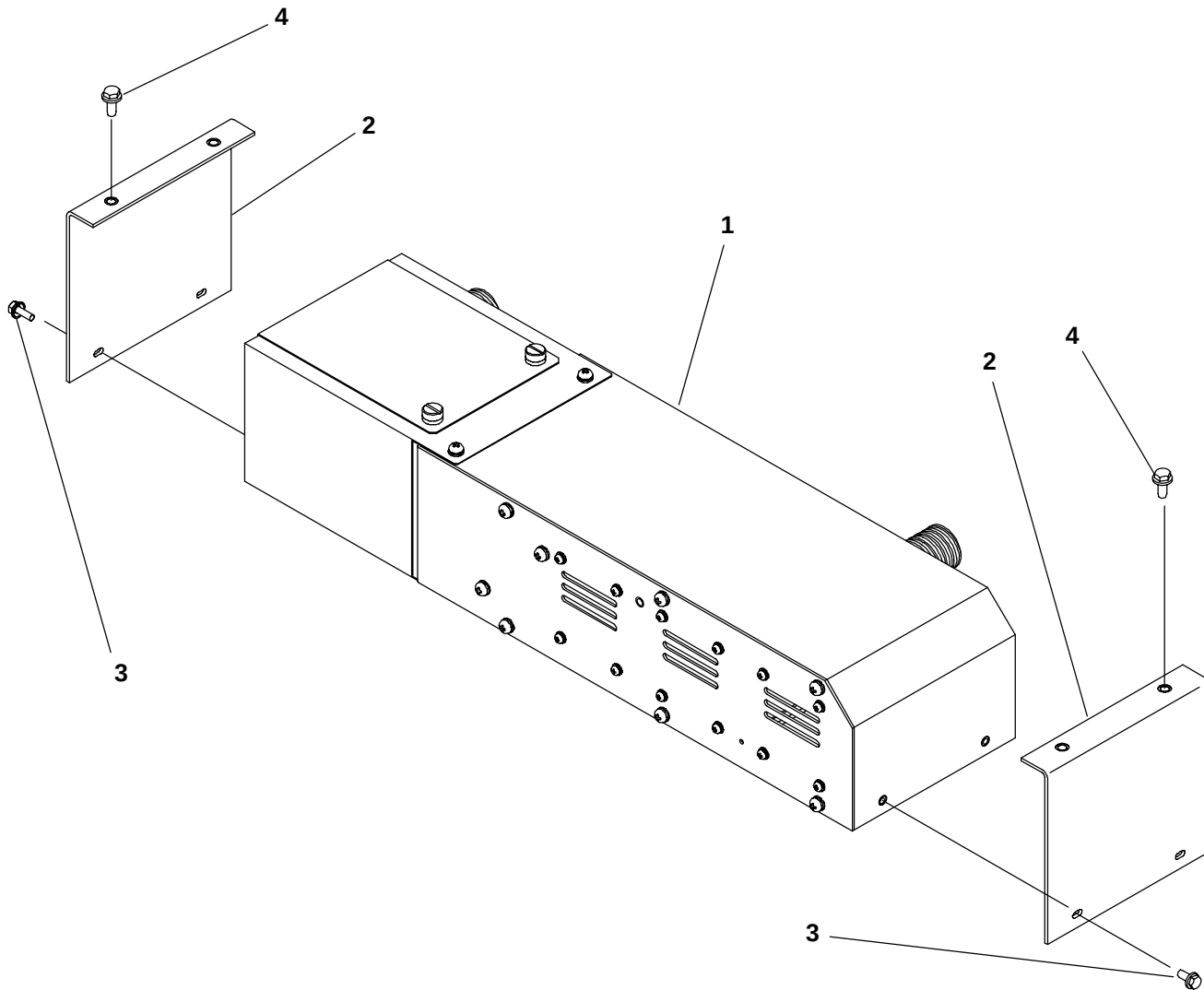
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3599	1	Pipe, Exhaust	3	155-3626	1	Cap, Rain
2	405-7035	1	Rainshield, Enclosure	4	503-1870-14	1	Clamp

Cover Installation GTAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Screw, Hex Head SEMS SST (M6 x 1 x 16)	2	130-5620-02	1	Cover, Shroud (BCT)
	821-6006-01	11	Grid Connect	3	130-5622-02	1	Cover, Shroud (Battery)
	821-6006-01	4	Stand Alone	4	130-5621-02	1	Cover, Shroud (RFC)

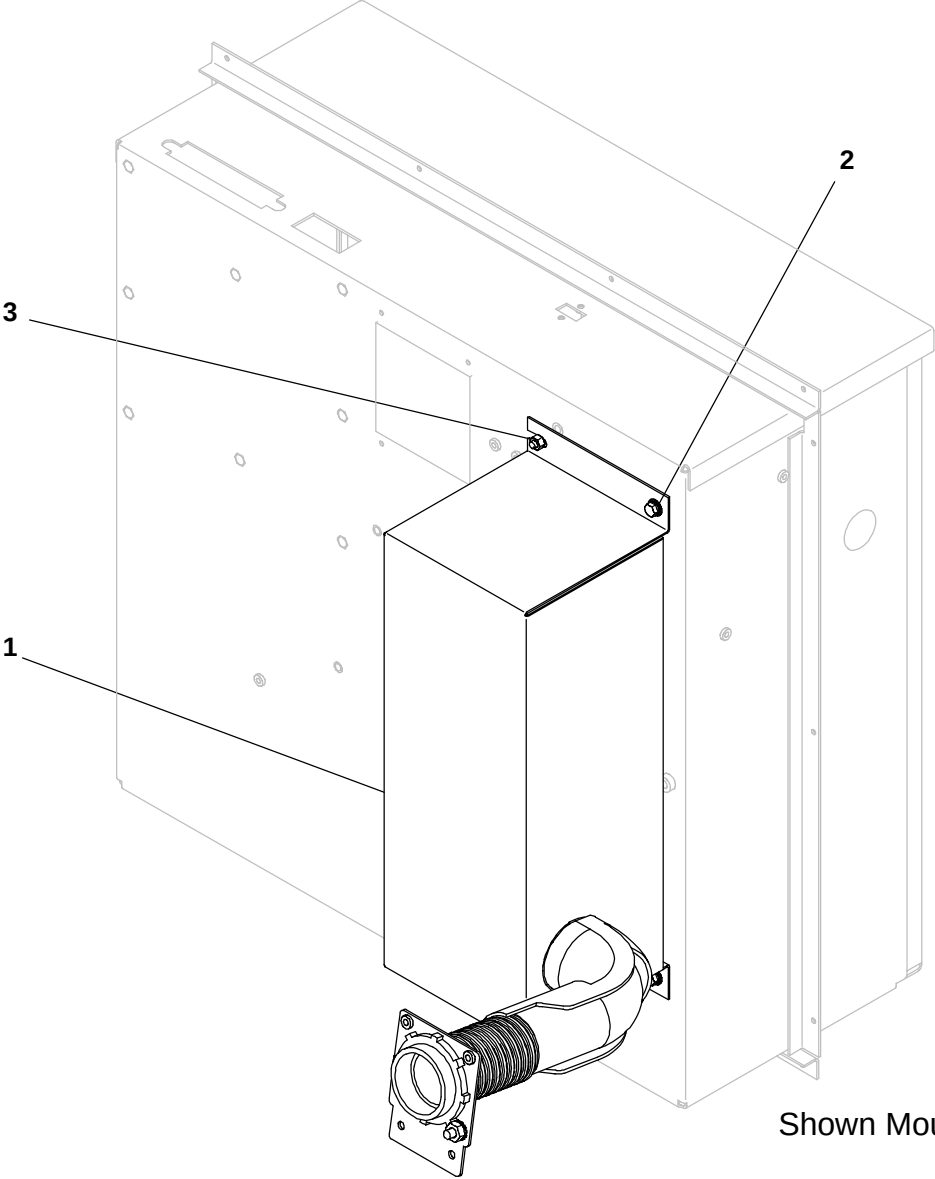
EMI Filter GTAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	314-0220	1	Filter, EMI
2	314-0221-02	2	Bracket, EMI Filter
3	821-6001-02	4	Screw, Hex Head SEMS (M5 x 0.8 x 12)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	821-6006-01	4	Screw, Hex Head SEMS SST (M6 x 1 x 16)

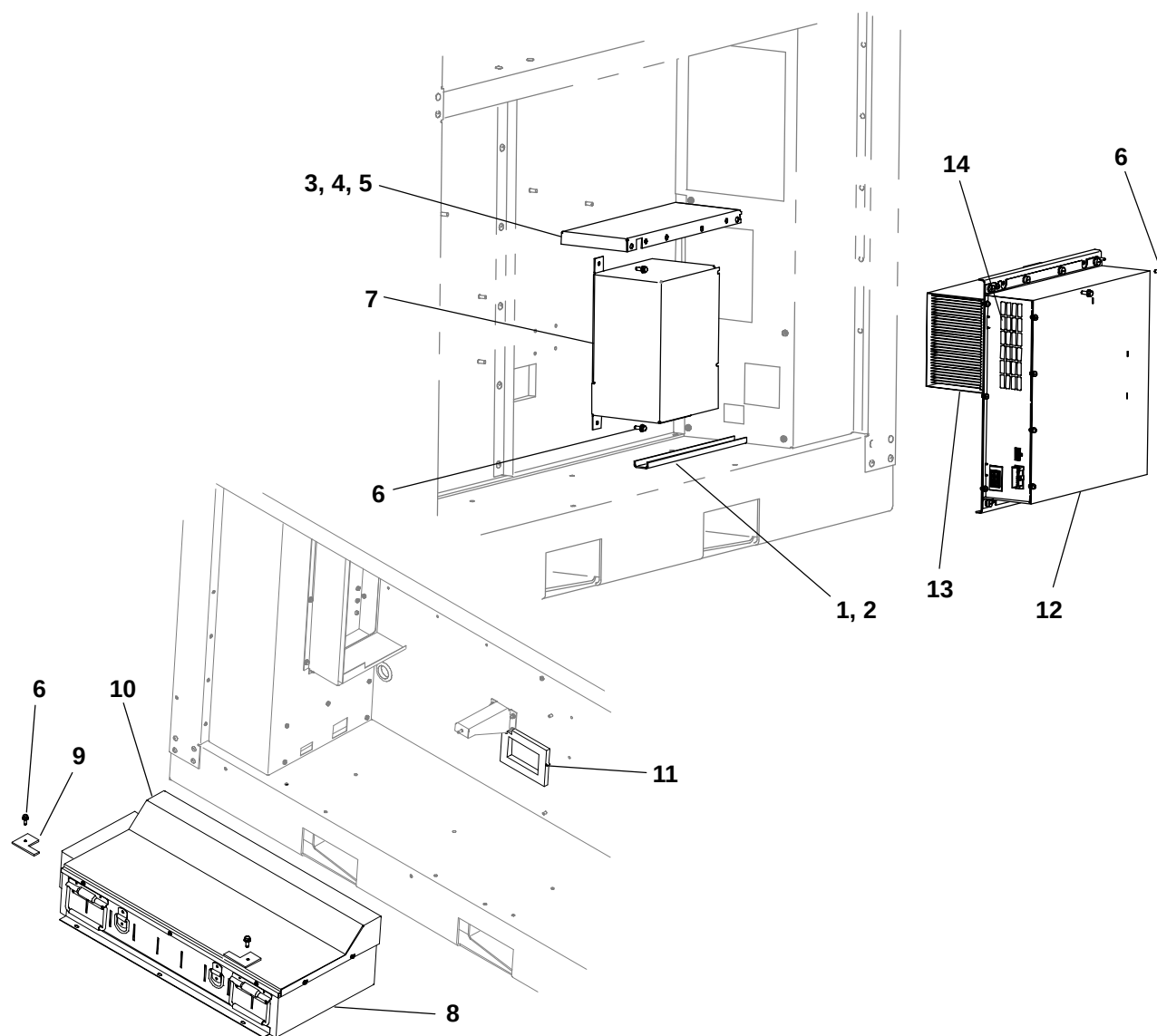
EMI Filter
GTAB



Shown Mounted on UCB

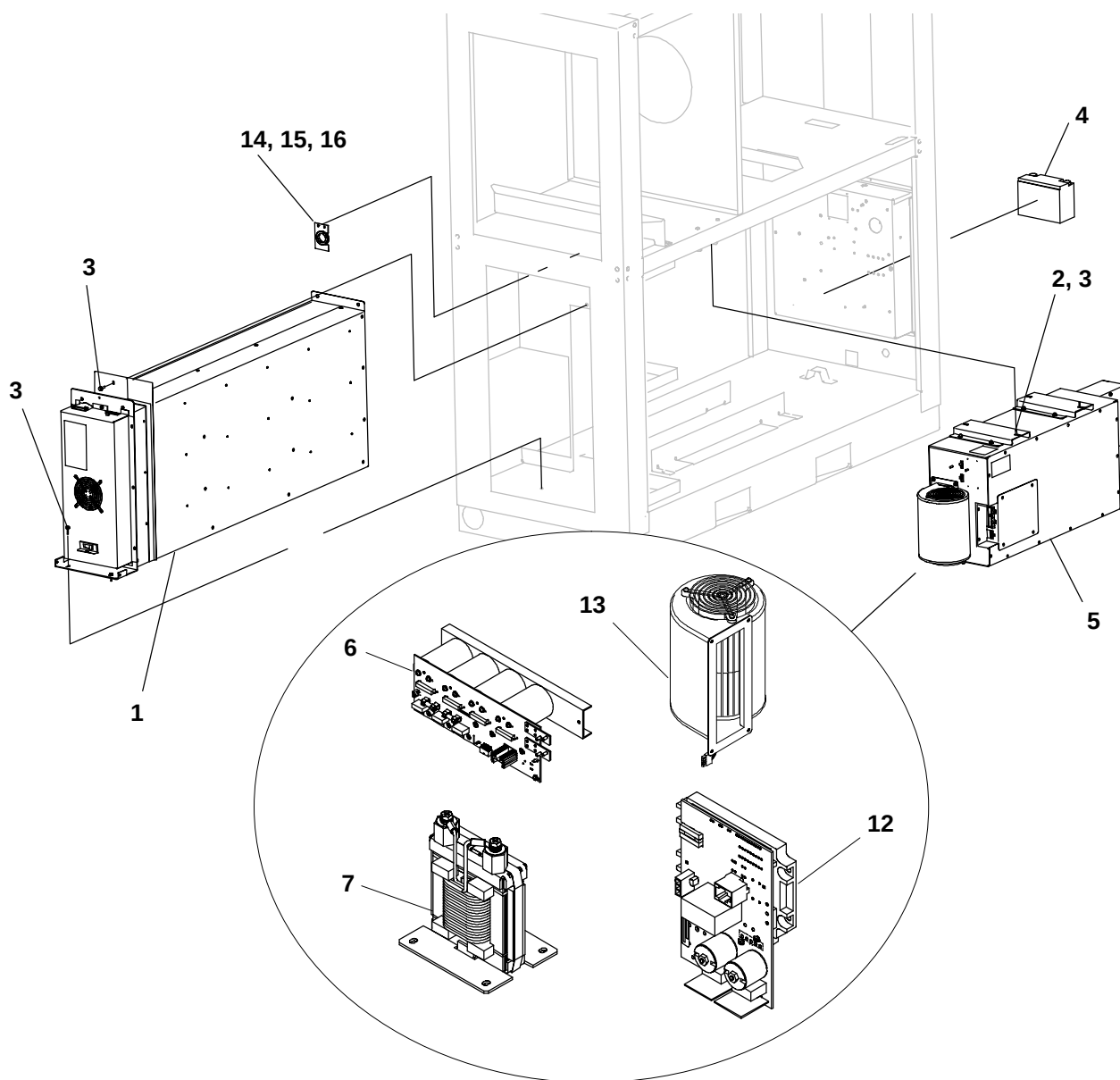
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	314-0219	1	Filter, EMI	3	860-2006	2	Nut, Hex (M5 x .8)
2	821-6001-02	4	Screw, Hex Head SEMS (M5 x 0.8 x 12) (GTAA)				

Battery GTAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-4607-02	1	Bracket, Control (BCT Guide)	8	416-1136	1	Battery Package
2	818-0231-02	2	Rivet, Pop	9	416-1131-02	2	Holddown, Battery
3	319-4590-02	1	Bracket, Control	10	133-0227-02	1	Cover, Plenum
4	526-0464	3	Washer, Flat (M6)	11	134-5287	1	Gasket, Plenum - Battery
5	860-2021	3	Nut, Hex (M6 x 1)	12	300-5585	1	Control, Battery
6	821-6006-01	6	Screw, Hex Head SEMS SST (M6 x 1 x 16)	13	327-1352	1	Control Board, BCT
7	405-7227-02	1	Duct, Air	14	327-1353	1	Power Board, BCT

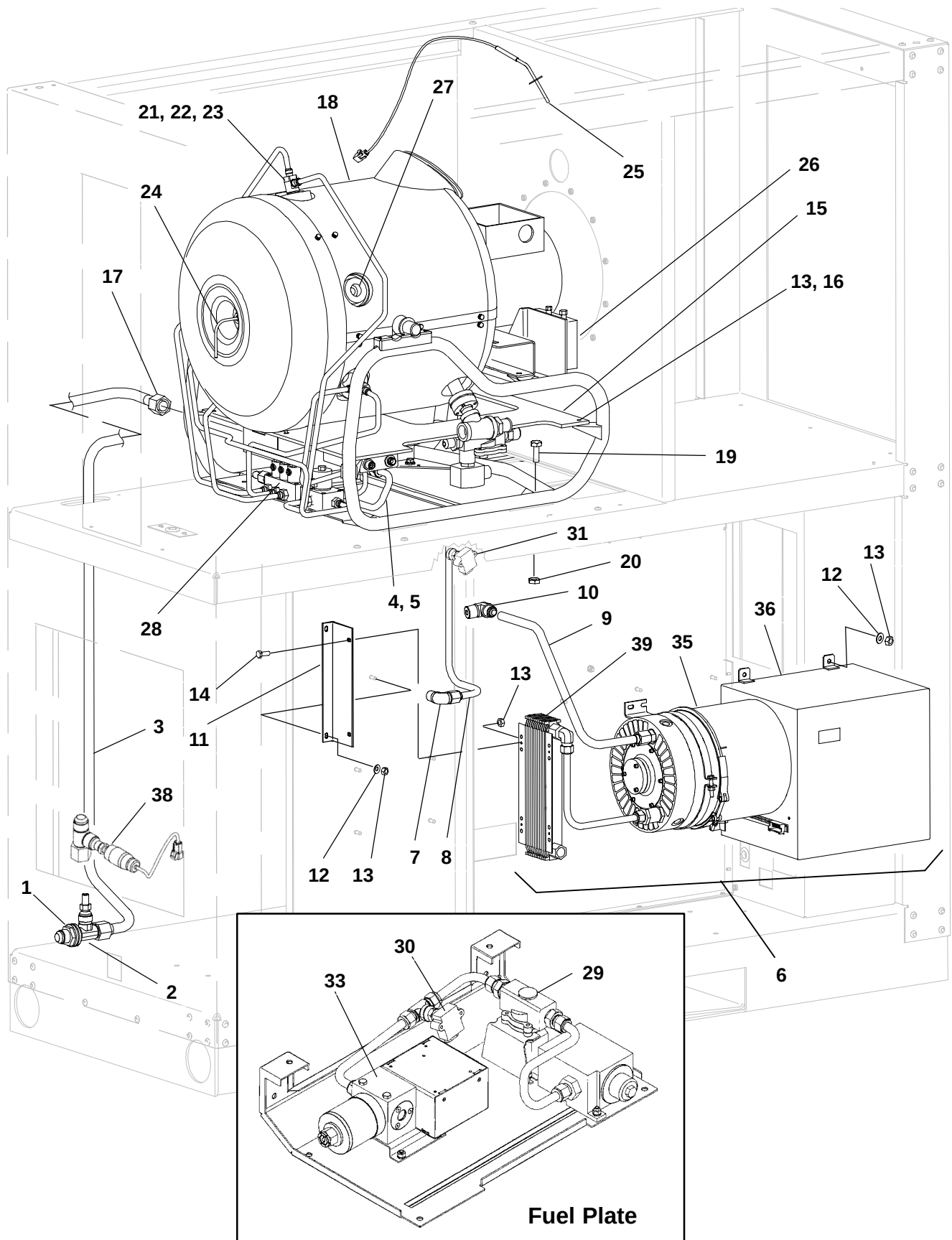
Battery GTAB



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	416-1128	1	Battery Package, Turbine	9	300-5573	1	*Control, Turbine - BCM IGBT (Not Illustrated)
2	526-2083	2	Washer, Flat (M6)	10	306-4709	1	*Contactor, BCM - 200A (Not Illustrated)
3	821-6002-04	5	Screw, Hex Head SEMS (M6 x 1 x 20)	11	314-0226	1	*Filter, Fan - 230VAC, 1A, 60HZ (Not Illustrated)
4	416-1129	1	Battery, 12V, 13A	12	314-0227	1	*PCBA Inverter & Filter
5	300-5572-01	1	Control Module, Battery	13	399-0134	1	*Fan, Electric - 230VAC
	300-5572-02	1	Control Module, Battery - Remanufactured	14	405-7355-02	1	Cover, Access
6	327-1339	1	*Power Board, BCM - Remanufactured	15	508-0258	1	Grommet (1-1/4" ID)
7	314-0225	1	*Inductor, BCM (SA) 720uH	16	815-0538	2	Screw, XREC (#8-32 x 1/2")
8	327-1340	1	*Control Board, BCM - Remanufactured (Not Illustrated)				

* Parts included in Battery Control Module

Engine & Fuel System GTAA

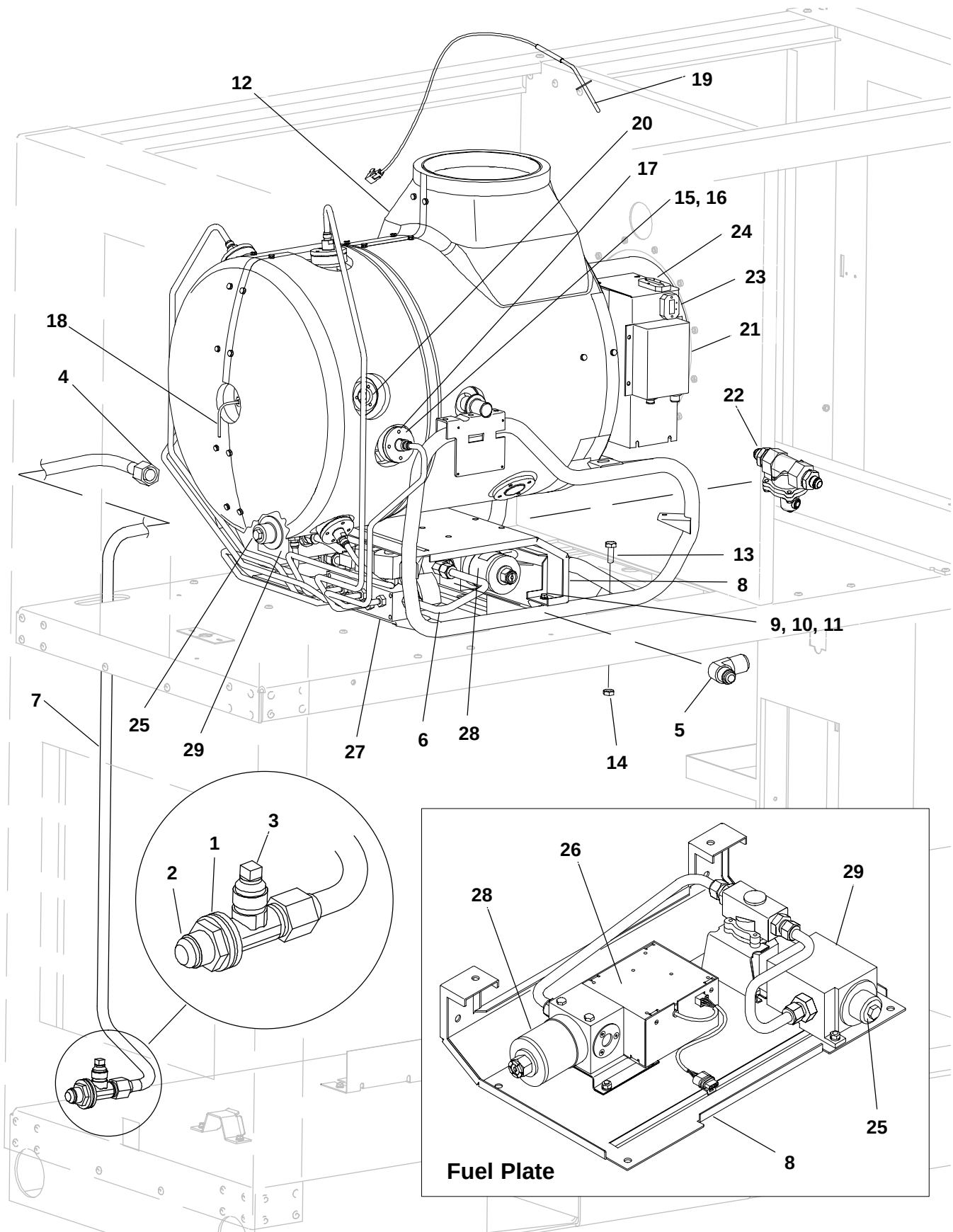


Engine & Fuel System GTAA

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	526-0286	2	Washer, Flat	20	870-2159	4	Nut, Lock Flange (M8 x 1.25)
2	502-1415	1	Tee, Tube	21	147-0877	4	Injector Assembly, Fuel
3	501-0733	1	Line, Fuel	22	147-0874	4	Gasket, Injector
4	501-0747	1	Line, Fuel (SPV/Eng. Manf.)	23	806-2006-01	16	Screw, C Bore (#10-32 x .56")
5	502-1417	1	Elbow, Tube	24	193-0505	1	TET Thermocouple
6	146-0825	1	Fuel System - Low Pressure Natural Gas	25	193-0506	1	Thermocouple, Air Intake
7	502-1427	1	Elbow, Tube	26	129-0001	1	Igniter
8	501-0746	1	Line, Fuel (Cooler/SPV)	27	129-0002	1	Exciter
9	501-0745	1	Line, Fuel (Sol. Valve/RFC)	28	147-0879	1	Manifold, Fuel
10	502-1428	1	Elbow, Tube	29	504-0218	1	Valve, Fuel Shut-Off
11	130-5596-02	1	Bracket, Heat Exchange	30	193-0513	1	Transducer, Pressure 60PSI
12	526-0464	7	Washer, Flat (M6)	31	193-0514	1	Transducer, Pressure 100PSI
13			Nut, Hex (M6 x 1)	32	338-4177	1	Harness, Control
	860-2021	13	Low Pressure System	33	504-0221-01	1	Valve, Solenoid SPV
	860-2021	4	High Pressure System		504-0221-02	1	Remanufactured
14	821-6006-01	2	Screw, Hex Head SEMS SST (M6 x1 x 16)	34	504-0220	1	Valve, Fuel Shut-Off
15	146-0824	1	Fuel System - High Pressure Natural Gas	35	128-0261-01	1	Compressor, FB RFC
16	526-2083	4	Washer, Flat		128-0261-02	1	Remanufactured
17	502-1416	1	Adapter, Tube (O-Ring)	36	300-5584-01	1	Controller, FB RFC
18	100-3750-01	1	Engine, Turbine		300-5584-02	1	Remanufactured
	100-3750-02	1	Remanufactured	37	504-0222	1	Valve, Solenoid (SPV25)
19	821-6007-02	4	Screw, Hex Head SEMS SST (M8 x 1.25 x 20)	38	309-0678	1	Switch, Vacuum
				39	130-5629	1	Exchanger, Heat

Engine & Fuel System

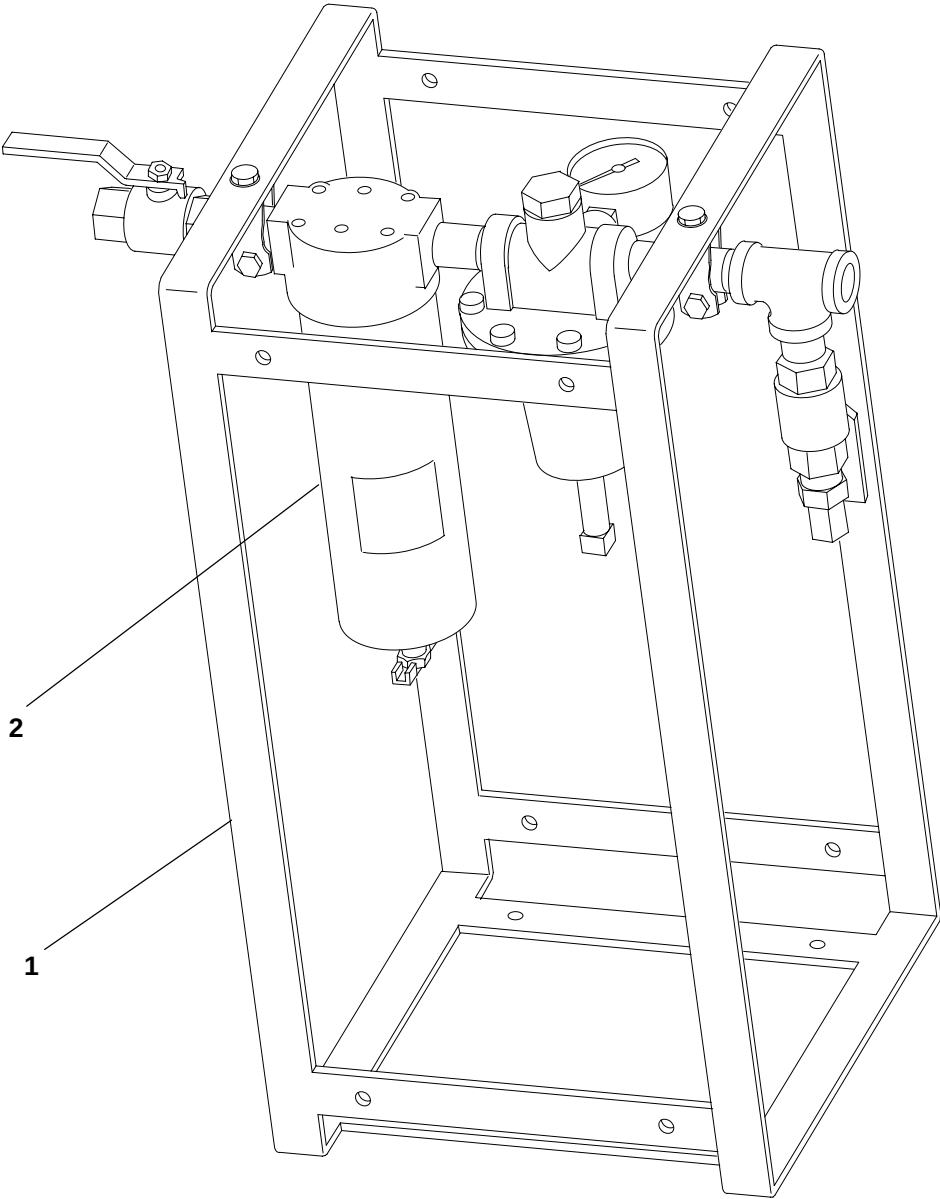
GTAB



Engine & Fuel System GTAB

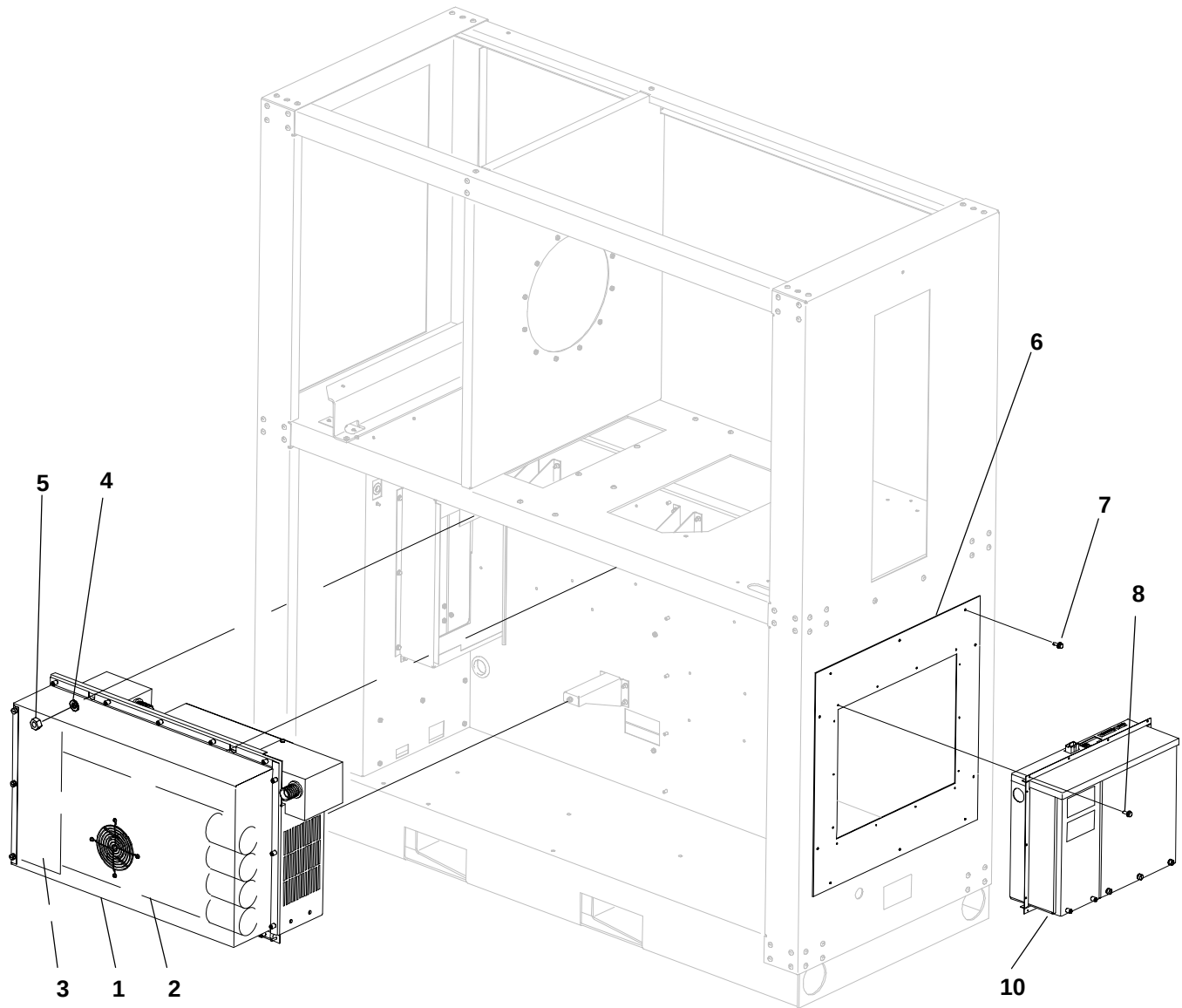
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	526-0286	2	Washer, Flat	15	147-0873	4	Injector Assembly
2	502-1415	1	Tee, Tube	16	147-0874	4	Gasket, Injector
3	505-0110	1	Plug, Square Head	17	806-2006-01	16	Screw (#10-32 x .562")
4	502-1416	1	Adapter, Tube (O-Ring)	18	193-0505	1	Thermocouple (TET)
5	502-1417	1	Elbow, Tube	19	193-0506	1	Thermocouple (Intake Air)
6	501-0734	1	Line, Fuel (SPV/Manf.)	20	129-0001	1	Igniter, Turbine
7	501-0733	1	Line, Fuel	21	129-0002	1	Exciter, Turbine
8	146-0822	1	Fuel System (Fuel Plate)	22	504-0216	1	Valve, Solenoid (By Pass)
9	821-6006-01	4	Screw, Hex Head SEMS SST (M6 x1 x 16)	23	300-5565	1	Control, Turbine - Ambient
10	860-2021	4	Nut, Hex (M6 x 1)	24	300-5566	1	Control, Turbine - Personality
11	526-2083	4	Washer, Flat	25	149-2663	1	Element, Fuel Filter
12	100-3738-01	1	Engine, Turbine	26	193-0507	1	Transducer, Pressure
	100-3738-02	1	Remanufactured	27	147-0875	1	Manifold, Fuel (24VDC)
13	821-6007-02	4	Screw, Hex Head SEMS DAC (M8 x 1.25 x 20)	28	504-0217	1	Valve, Solenoid (SPV)
14	870-2059	4	Nut, Hex Flange (M8 x 1.25)	29	149-2664	1	Filter, Fuel (Strainer)

Fuel Filter Regulator



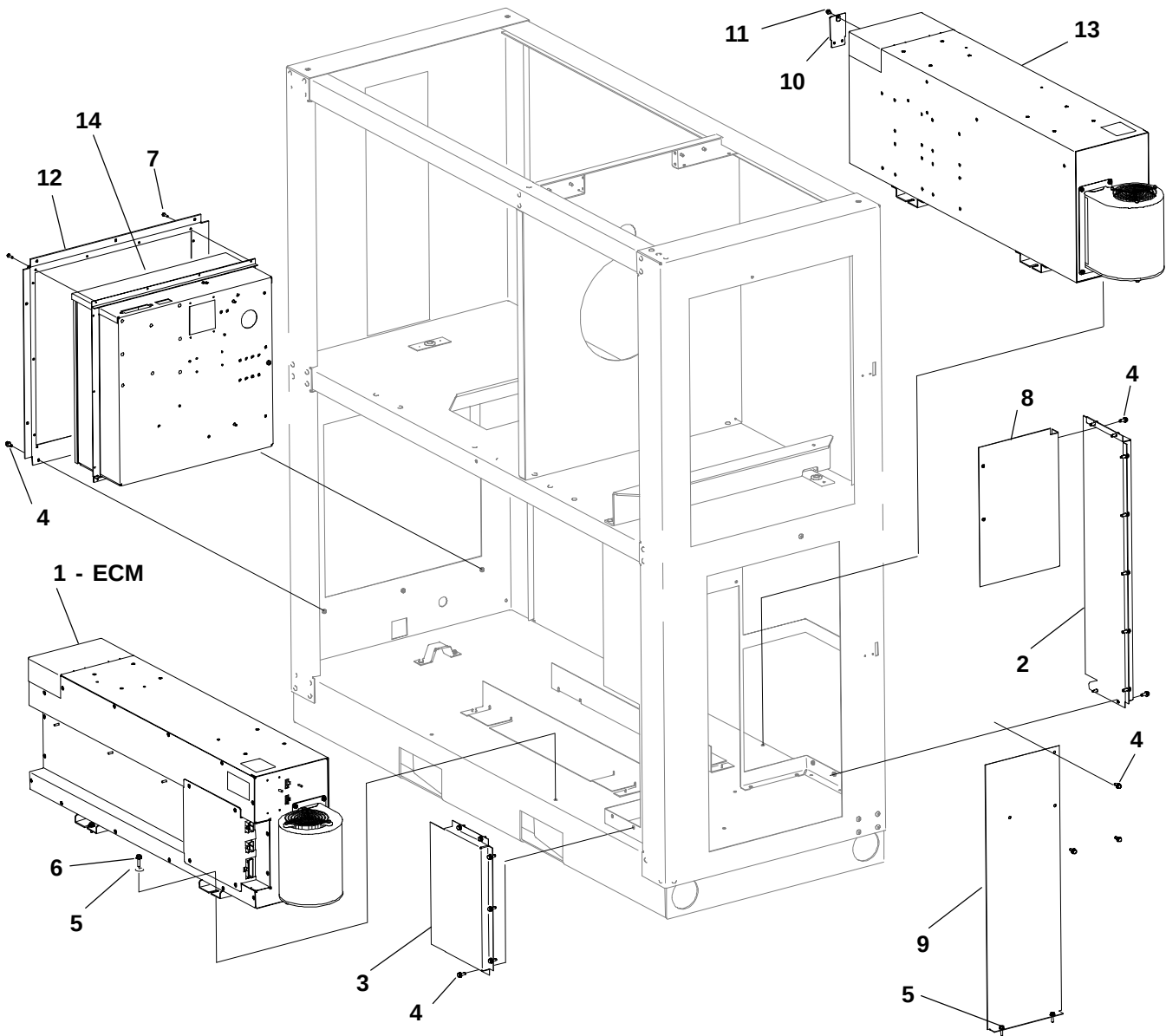
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2660	1	Filter, Fuel - NG	2	149-2665	1	Element, Fuel Filter

Control Installation GTAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5580	1	Controller, Digital Power	7	821-6006-01	10	Screw, Hex Head SEMS SST (M6 x 1 x 16)
2	327-1350	1	PCP Assembly - DPC Precharge	8	800-6294	14	Screw, Hex Flange Head TF (#8-18 x 3/4")
3	327-1351	1	PCP Assembly - DPC Control	9	405-6693	A/R	Seal, Enclosure
4	526-0464	3	Washer, Flat (M6)	10	300-5581	1	Control, UCBEE MultiPac
5	860-2021	3	Nut, Hex (M6 x 1)	11	321-0382		Fuse, 600V, 5A
6	405-7203-02	1	Panel, Enclosure (UCBEE)		321-0383		Fuse, 32V, 3A

Control Installation GTAB



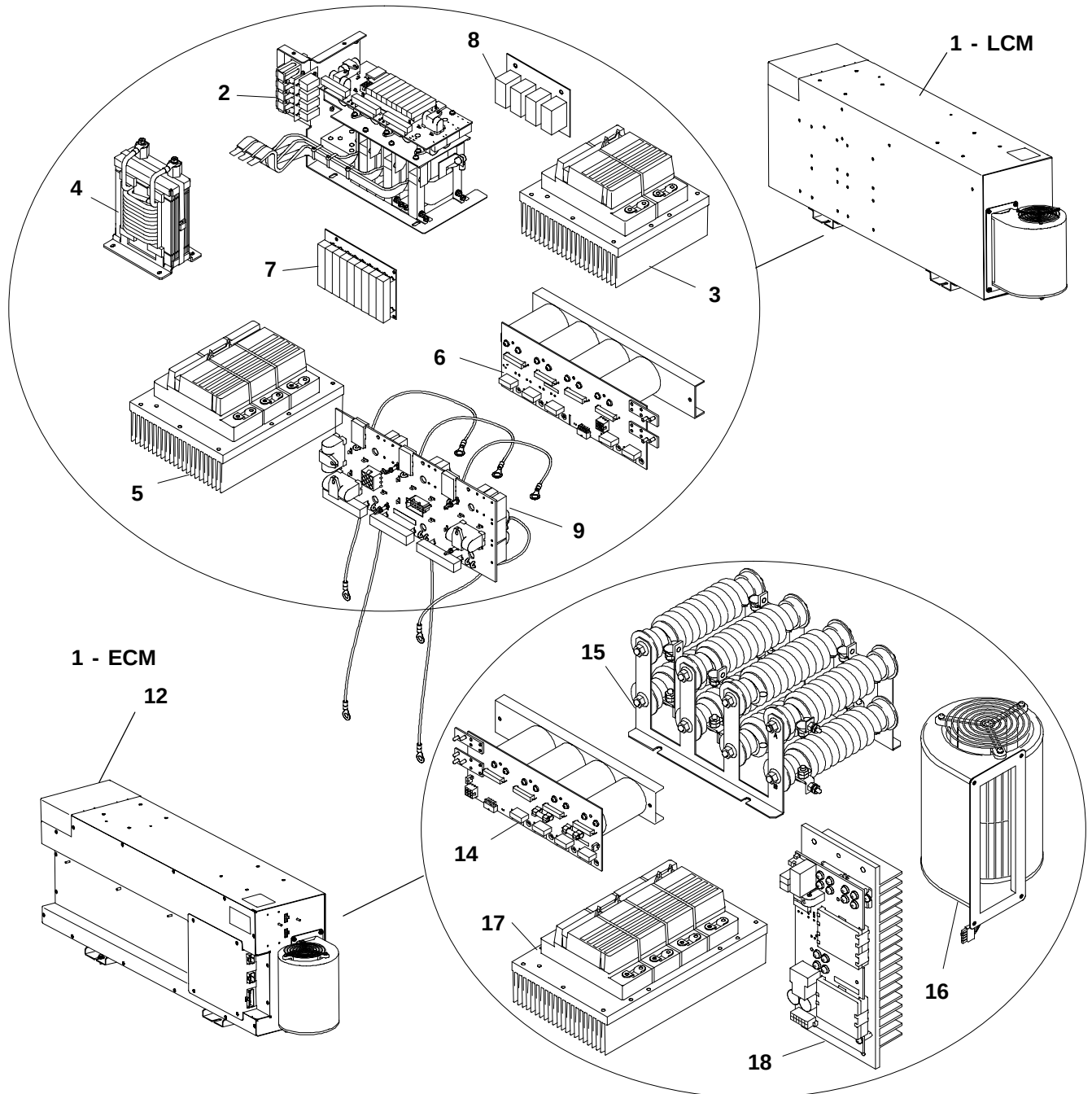
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5567-01	1	♦ ECM Control Assembly
	300-5567-02	1	Remanufactured
2	130-5593-02	1	Cover, Shroud - RH
3	130-5594-02	1	Cover, Shroud - LH
4			Screw, Hex Head SEMS SST (M6 x 1 x 16)
	821-6006-01	26	Stand Alone Option
	821-6006-01	31	Grid Connect Option
5	526-2083	4	Washer, Flat (M6)
6			Screw, Hex Head SEMS (M6 x 1 x 20)
	821-6002-04	4	Stand Alone Option
	821-6002-04	6	Grid Connect Option
7	800-6294	14	Screw, Hex Flange Head (#8-18 x 3/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	130-5597-02	1	*Cover, Shroud
9	130-5598-02	1	*Cover, Shroud
10	405-7205-02	1	*Cover, Access
11	821-6001-01	3	*Screw, Hex Head SEMS (M5 x 0.8 x 10)
12	130-5615-02	1	Plate, Support (UCB)
13	300-5569-01	1	♦ LCM Control Assembly
	300-5569-02	1	Remanufactured
14	300-5575	1	UCB Control Assembly (Stand Alone)

* Used With Grid Connect Option Only.

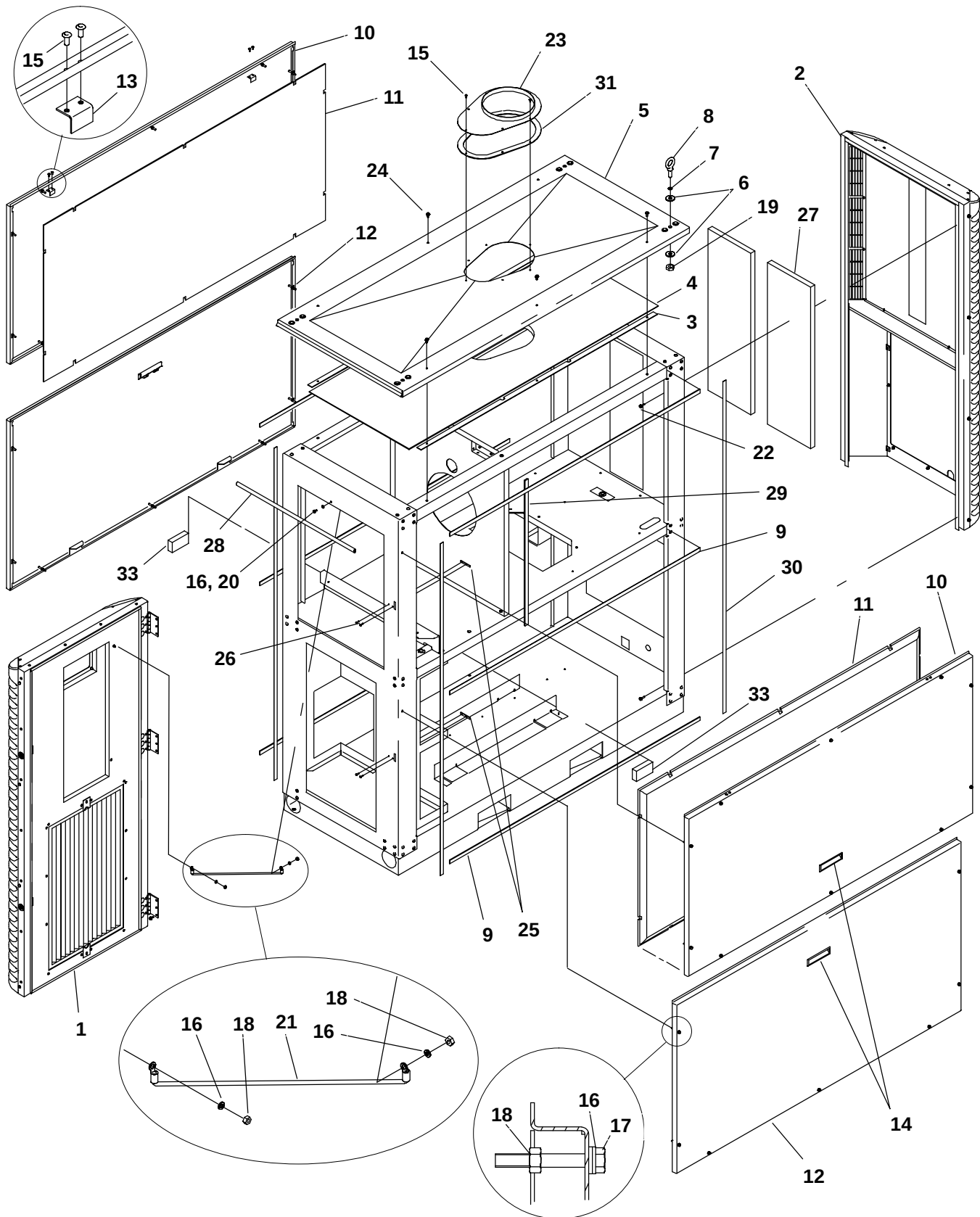
♦ Parts Listed on the Following Page.

Control Modules GTAB



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5569-01	1	LCM Control Module	11	306-4708	1	Contactora, 120A, 600VAC (Not Illustrated)
2	314-0223	1	Filter - EMI	12	300-5567-01	1	ECM Control Assembly
3	300-5571	1	Control, Turbine	13	327-1334	1	PCB Assembly - Control (Not Illustrated)
4	314-0222	1	Inductor	14	327-1335	1	PCB Assembly - Power
5	300-5570	1	Control, Turbine	15	350-1240	1	Resistor, Brake, 6.7Ohm, 75KW
6	327-1337	1	PCB Assembly - Power	16	399-0134	1	Fan, Electric - 230VAC
7	327-1338	1	PCB Assembly - Precharge	17	300-5568	1	Control, Turbine - IGBT
8	355-0255	1	Capacitor - PCBA Feedthrough	18	315-0870	1	Transformer, Power - Fan
9	314-0224	1	Filter, Line - EMI				
10	327-1336	1	PCB Assembly - Control (Not Illustrated)				

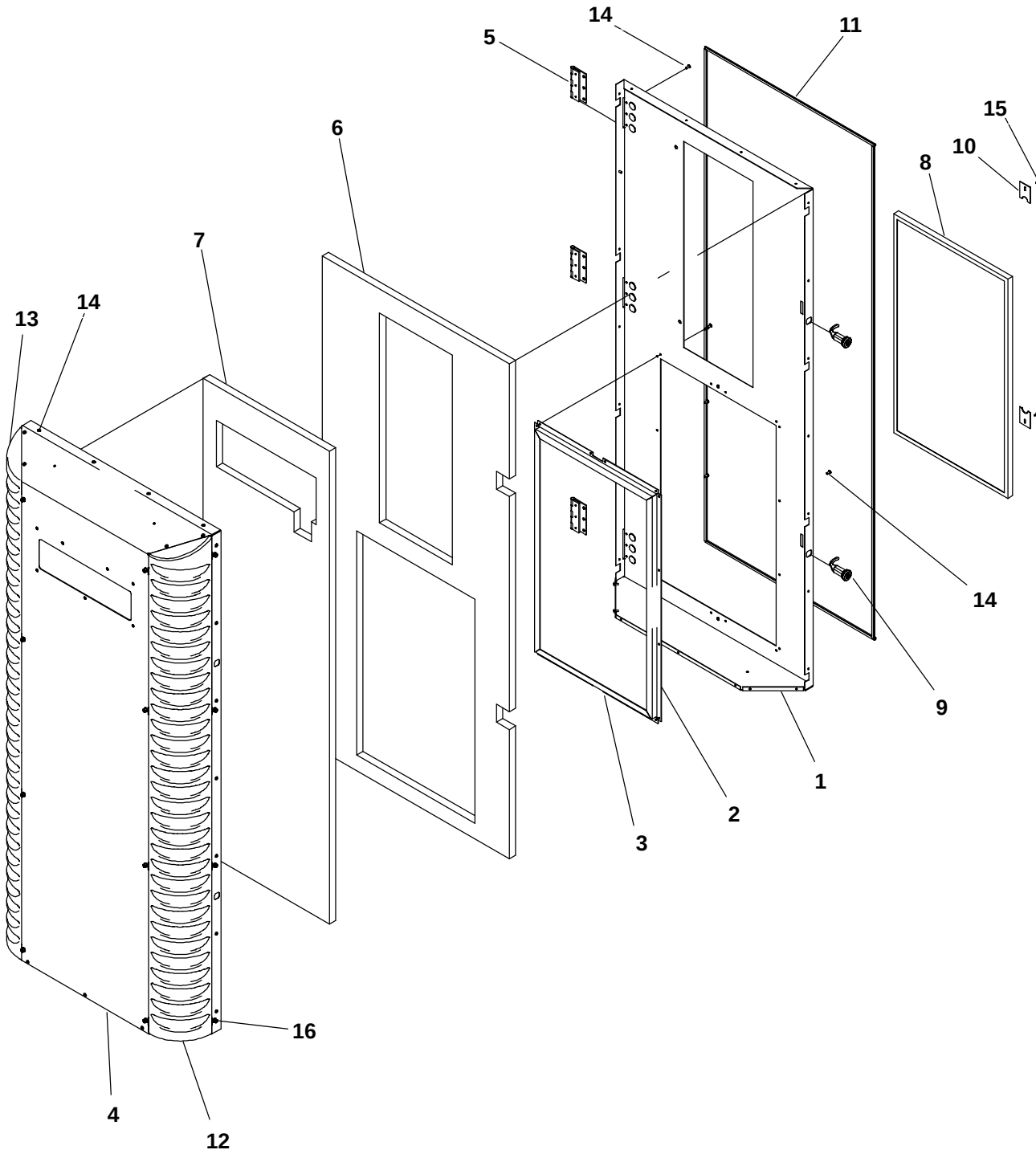
Housing



Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Enclosure, Air Inlet (See Separate Page for Parts)	18	860-2021	36	Nut, Hex (M6 x 1)
2		1	Enclosure, Air Outlet (See Separate Page for Parts)	19	862-0016	4	Nut, Hex Heavy (1/2"-13)
3	872-0006	2	Standoff	20	800-6029	2	Screw, Hex Head Cap (M6 x 1 x 12)
4	405-7147	1	Insulation, Roof	21	406-1016	1	Door Stop
5	405-7154-02	1	Panel, Roof	22	821-6002-04	11	Screw, Hex Head SEMS (M6 x 1 x 20)
6	526-0198	16	Washer, Flat (1/2")	23			Shield, Rain
7	509-0035	4	O-Ring		155-3604-02	1	GTAA
8	403-4762	4	Lifting Eye (1/2-13 x 1-1/2")		155-3606-02	1	GTAB
9	405-6460-06	6	Gasket, Door	24	821-6006-01	15	Screw, Hex Head SEMS SST (M6 x 1 x 16)
10	405-7157-02	2	Door, Enclosure	25	406-1014-02	2	Bar, Latch
11	405-7144	2	Insulation, Door	26	818-0239-03	4	Rivet, Pop
12	405-7158-02	2	Door, Enclosure	27	405-7202	2	Insulation, Sound
13	405-7148-02	4	Retainer, Insulation	28	895-041 1	A/R	Weather Strip
14	406-1015	4	Handle, Door	29	405-7244-01	2	Gasket, Door
15	818-0231-02	14	Rivet, Pop	30	405-7243-01	4	Gasket, Door
16	526-0464	72	Washer, Flat (M6)	31	155-3629	1	Gasket, Exhaust
17	800-6039	34	Screw, Hex Head Cap (M6-1 x 45)	33	405-7337	2	Gasket Enclosure (Panel)

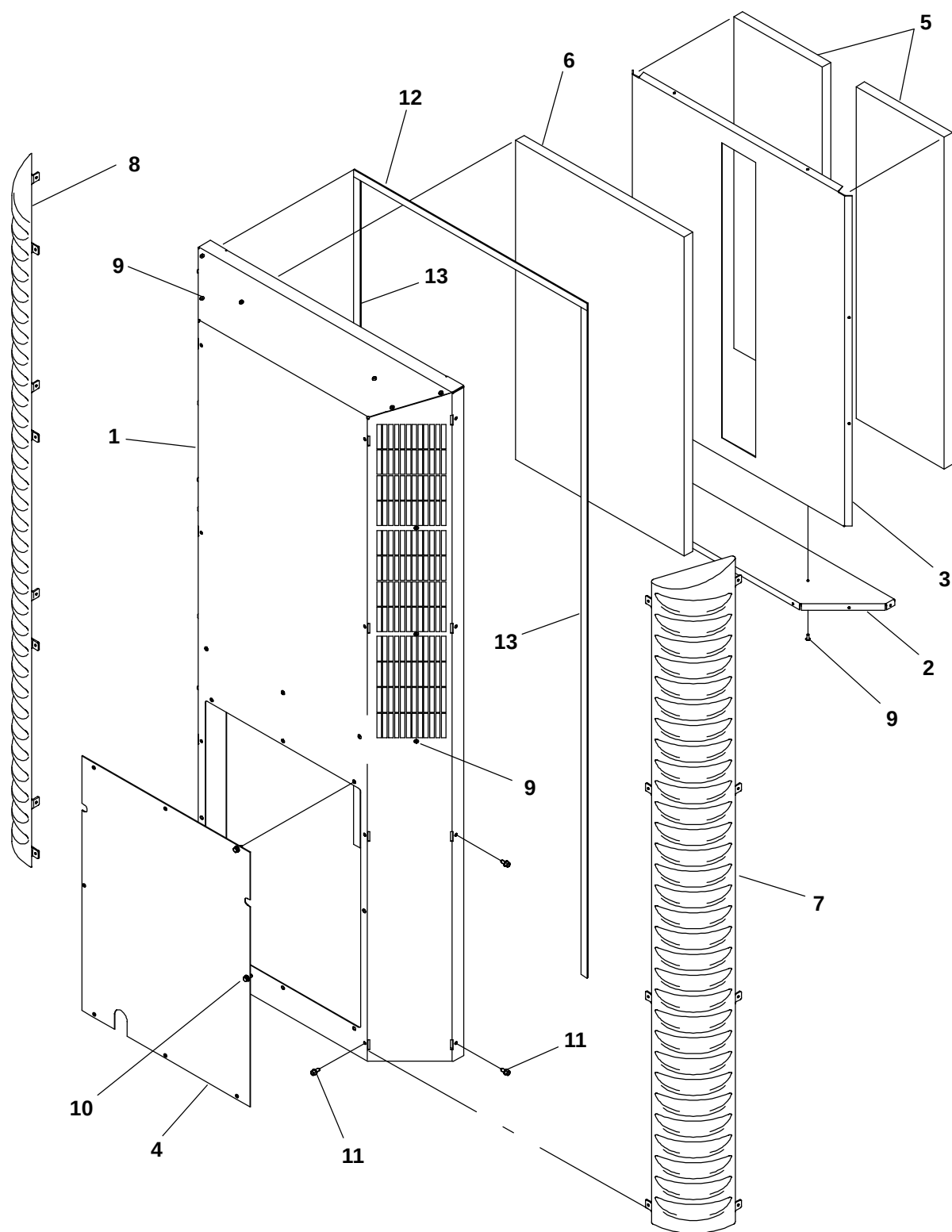
Air Inlet Enclosure



Air Inlet Enclosure

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7166-02	1	Panel, Door - Inner	10	405-7151-02	2	Cover, Access
2	140-3426-02	2	Bracket, Air Cleaner - Side	11	405-6693	15.6'	Weather Strip
3	140-3427-02	2	Bracket, Air Cleaner - Top/Bottom	12	405-7145	1	Louver - RH
4	405-7167-02	1	Panel, Door - Outer	13	405-7146	1	Louver - LH
5	406-1004	3	Hinge	14	818-0231-02	54	Rivet, Pop
6	405-7169	1	Insulation, Door - Inner	15	815-0538	2	Screw, Round Head Machine XREC with IT
7	405-7170	1	Insulation, Door - Outer	16	815-0943-02	16	Screw, Hex Washer Head (1/4-10 x 1/2")
8	140-3423	1	Cleaner, Air				
9	406-1005	2	Latch, Door				

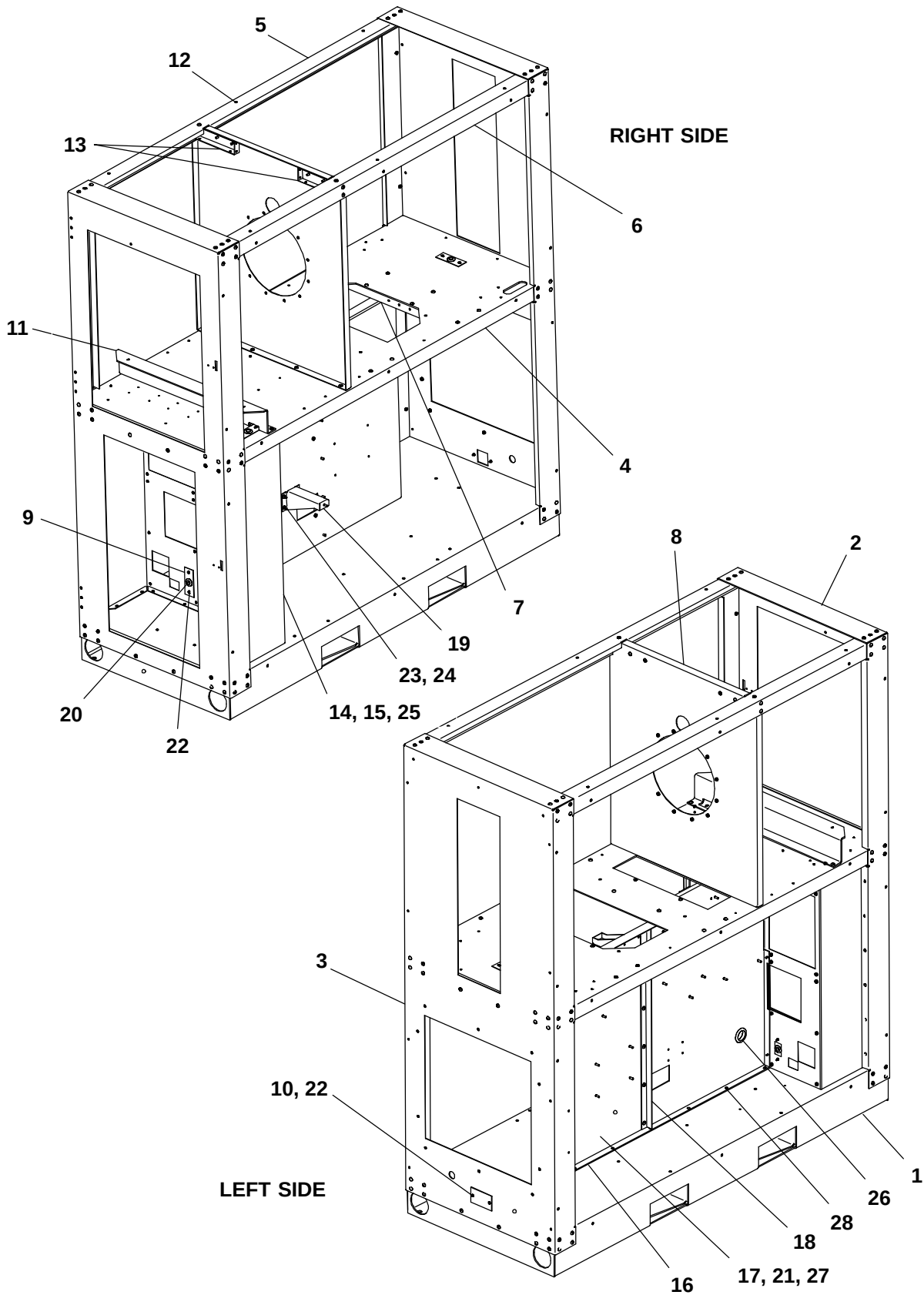
Air Outlet Enclosure



Air Outlet Enclosure

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-7172-02	1	Panel, Door	9	818-0231-02	17	Rivet, Pop
2	405-7174-02	1	Panel, Enclosure	10	821-6006-01	8	Screw, Hex Head SEMS SST (M6 x 1 x 16)
3	405-7173-02	1	Baffle, Air	11	815-0943-02	16	Screw, Hex Washer Head (1/4"-10 x 1/2")
4	405-7175-02	1	Cover, Access	12	405-6460-04	1	Gasket, Door
5	405-7177	2	Insulation, Sound - Inner	13	405-6460-05	2	Gasket, Door
6	405-7178	1	Insulation, Sound				
7	405-7145	1	Louver - RH				
8	405-7146	1	Louver - LH				

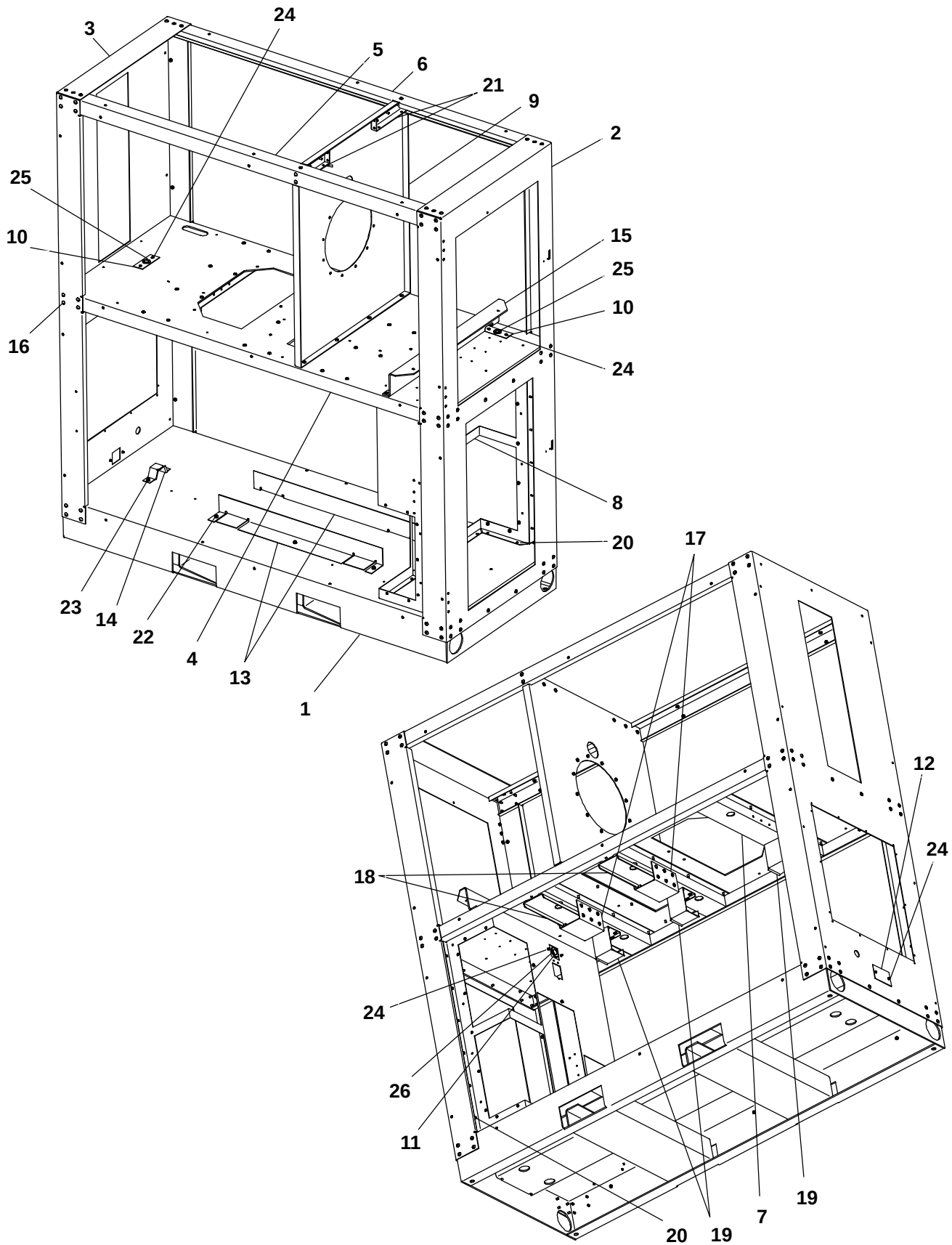
Frame GTAA



Frame GTAA

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4742-02	1	Skid	16	405-7228-02	1	Spacer, Panel
2	405-7156-02	1	Panel, Enclosure - Front	17	319-4608-02	1	Plate, Mounting
3	405-7155-02	1	Panel, Enclosure - Rear	18	319-4626-02	1	Stiffener, Panel
4	405-7152-02	1	Plate, Frame	19	319-4606-02	3	Bracket, Control (DPC)
5	403-4747-02	1	Rail, Mounting - Top LH	20	508-0071	4	Grommet
6	403-4748-02	1	Rail, Mounting - Top RH	21	818-0231-02	44	Rivet, Pop
7	405-7153-02	2	Crossmember, Panel	22	815-0538	10	Screw,X-REC Pan Head ET (#8-32 x 1/2")
8	403-4745-02	1	Plate, Bulkhead	23	526-0464	12	Washer, Flat (M6)
9	405-7151-02	8	Cover, Harness Cable	24	860-2021	12	Nut, Hex (M6 x 1)
10	405-7149-02	1	Cover, Battery Access	25	821-6006-01	7	Screw, Hex Head SEMS (M6 x 1 x 16)
11	140-3432-02	1	Bracket, Air Silencer	26	508-1126	1	Grommet
12	818-1157	136	Rivet, Dome Head Blind (1/4")	27	818-0231-03	3	Rivet, Pop
13	403-4771-02	2	Pad, Mounting	28	818-0231-04	6	Rivet, Pop
14	130-5601-02	1	Shroud, Fan				
15	130-5602-02	1	Shroud, Fan (DPC)				

Frame GTAB



Frame GTAB

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-4742-02	1	Skid	16	818-1157	174	Rivet, Dome Head Blind (1/4")
2	405-7156-02	1	Panel, Enclosure - Front	17	319-4585-02	2	Bracket, Control - Hanger
3	405-7155-02	1	Panel, Enclosure - Rear	18	319-4586-02	2	Bracket, Control - Upper
4	405-7152-02	1	Plate, Frame	19	405-7195-02	3	Tray, Cable
5	403-4747-02	1	Rail, Mounting - Top LH	20	818-0231-02	20	Rivet, Pop
6	403-4748-02	1	Rail, Mounting - Top RH	21	403-4771-02	2	Pad, Mounting
7	405-7153-02	3	Crossmember, Panel	22	821-6002-04	6	Screw, Hex Head SEMS (M6 x 1 x 20)
8	130-5592-02	1	Shroud, Fan	23	821-6006-01	2	Screw, Hex Head SEMS SST (M6 x 1 x 16)
9	403-4745-02	1	Plate, Bulkhead	24	815-0538	8	Screw, X-REC INT (#8-32 x 1/2")
10	405-7151-02	4	Cover, Harness - Cable	25	508-0071	2	Grommet
11	405-7150-02	2	Cover, Harness - Lg. Cable	26	508-1179	1	Grommet
12	405-7149-02	1	Cover, Battery Access				
13	416-1121-02	2	Bracket, Battery Guide				
14	416-1122-02	1	Holddown, Battery				
15	140-3432-02	1	Bracket, Air Silencer				

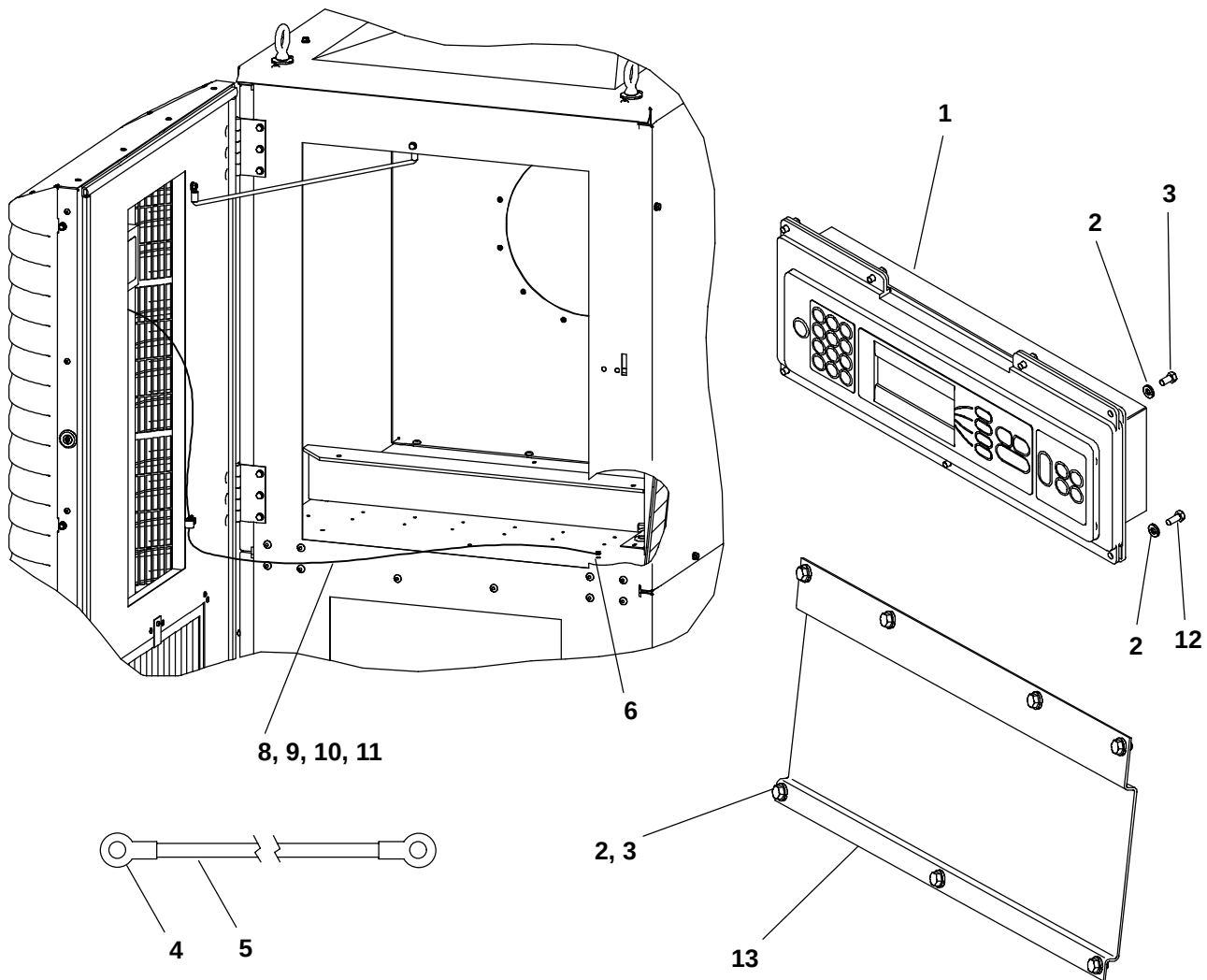
Wiring Harnesses GTAA

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-4130	1	Engine Harness (W101) - EXT Engine Peripheral & Frame	10	338-4140	1	Interface Harness (W108) - DPC Filter - UCB, Anderson SP
2	338-4131	1	Control Harness (W102) - EXT 5 Node Intra Connection	11	338-4142	1	Power Harness (W111) - EXT RFC BUS Power
3	338-4133	1	Power Harness (W104) - EXT BPT Power	12	338-4143	1	Valve Harness (W114) - EXT SPV Fuel Manifold
4	338-4134	1	Control Harness (W105) - EXT IP LFC Manifold	13	338-4145	1	Control Harness (W120) - EXT DPC (Inter) to UCB
5	338-4135	1	Interface Harness (W105) - EXT DPC (User) to UCB - IND Package	14	338-4146	1	Control Harness (W121) - EXT DPC (Option) to UCB - IND Package
6	338-4136	1	Power Harness (W106) -EXT IP LFC Fuel Pump Power	15	338-4147	1	Control Harness (W124) - EXT DPC (BUS) to BCT
7	338-4137	1	Compressor Harness (W103) - EXT RFC Air Pressure 1x60 PSI	16	338-4148	1	Control Harness (W122) - EXT SPV Dual Fuel Pressure
8	338-4138	1	Interface Harness (W106) - EXT DPC (Maint) to UCB - IND Package	17	338-4149	1	Control Harness (W103) - EXT RFC Fuel Pressure Switch
9	338-4139	1	Power Harness (W107) - EXT PMG Power - DPC Package	18	338-4150	1	Control Harness (W116) - EXT BCT to PMI (Battery) Mount, Cable Tie
				19	332-3845	11	
				20	332-3227	30	Cable Tie

Wiring Harnesses GTAB

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-41 16	1	Control Harness (W111) - EXT JAM JSPV to Manifold	9	338-4124	1	Power Harness (W109) - 15A BUS ECM/UCB
2	338-41 17	1	Jumper Harness - JAM T1 Thermistor to ACM	10	338-4125	1	Power Harness (W110) - Line Power LCM/UCB
3	338-41 18	1	Engine Harness (W101) - Engine Periph. & PM	11	338-4126	1	Power Harness (W118) - Fan EXT SHLD
4	338-41 19	1	Interface Harness (W102) - Intra Connection	12	338-4127	1	Battery Harness (W114) - Bus± ECM/BCM
5	338-4120	1	Interface Harness (W103) - Inter SYS Connect	13	338-4128	1	Battery Harness (W115) - BCM to BPM Power
6	338-4121	1	Interface Harness (W104) - Inter Module	14	338-4129	1	Battery Harness (W116) - BCM to BPM PM/Fan
7	338-4122	1	Power Harness (W105) - PMG Power to ECM	15	332-3845	11	Mount, Cable Tie
8	338-4123	1	Power Harness (W106) - BUS Pos & Neg, ECM/LCM	16	332-3844	4	Cable Tie - Screw Mount
				17	332-3227	30	Cable Tie

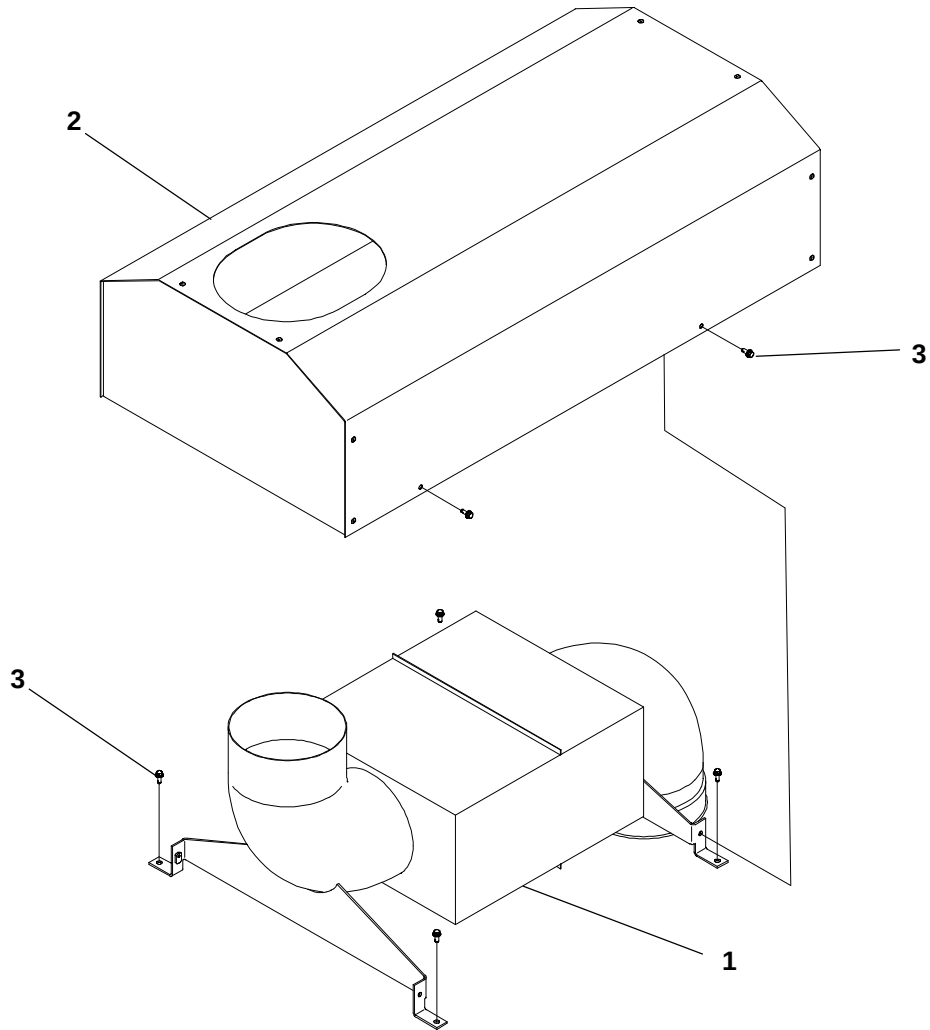
Control Display



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-5574	1	Display, Control
2	850-0030	7	Washer, Split Lock (#10)
3	800-2002	6	Screw, Hex Head Cap (M5 x 0.8 x 10)
4	332-0897	2	Terminal, Insulated
5	334-2230-97	A/R	Wire
6	815-0439	1	Screw, Hex Washer Head (#8-15 x 1/2")
7	332-3219	A/R	Tie, Cable

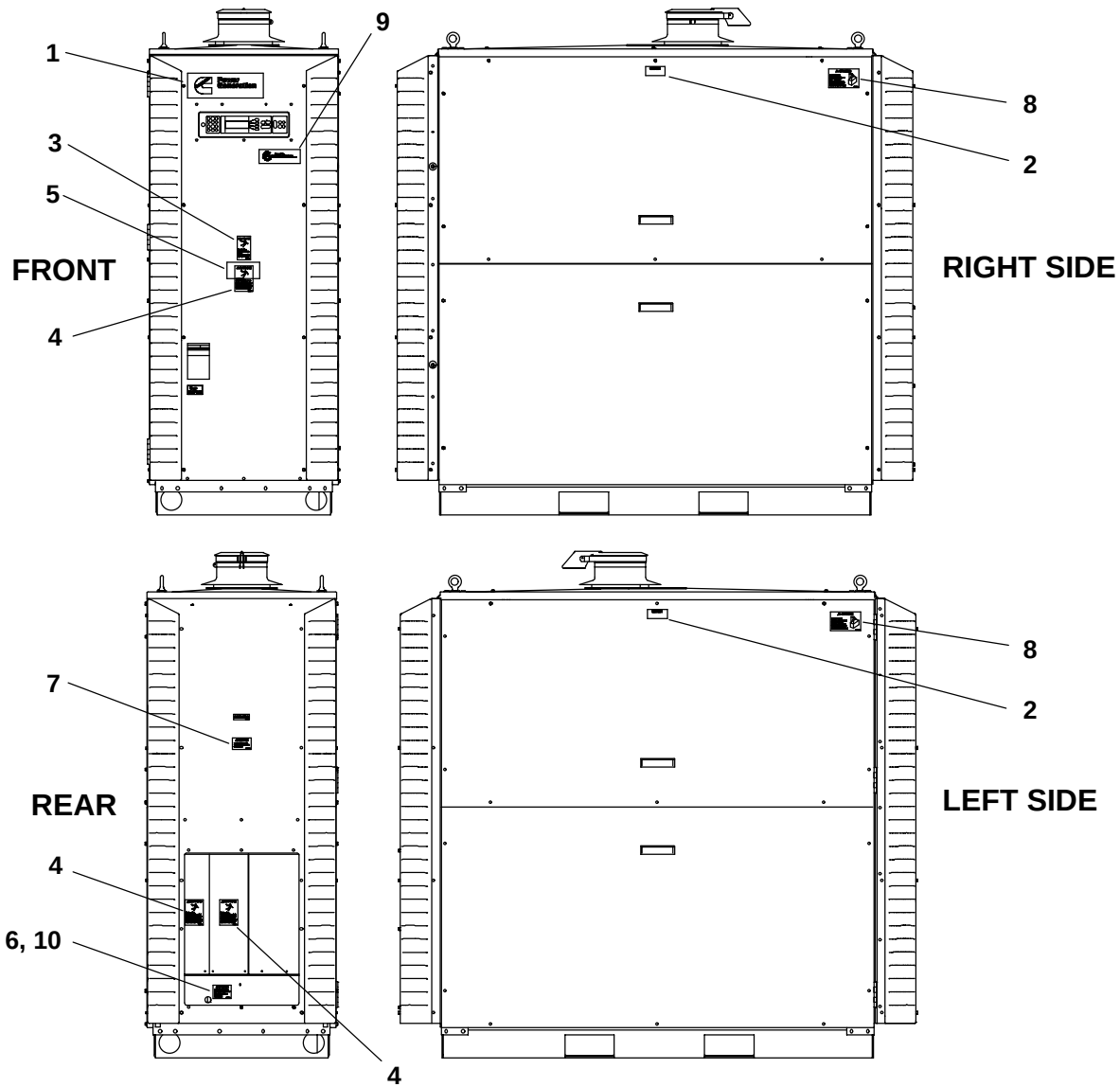
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	332-1554	1	Clamp, Loop
9	526-0464	2	Washer, Flat (M6)
10	800-6029	1	Screw, Hex Head Cap (M6 x 1 x 12)
11	860-2021	1	Nut, Hex (M6 x 1)
12	800-2004	1	Screw, Hex Head Cap (M5 x 0.8 x 12)
13	405-7201-02	1	Cover, Enclosure Inlet (Used in Place of Control Display)

Muffler Kit



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3603	1	Muffler	3	821-6006	8	Screw, Hex Head MS SST
2	155-3622	1	Shield, Rain				(M6 x 1 x 16)

Labels GTAA



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	098-7902-03	1	Label, Logo	6	098-7982	1	Label, Information
2	098-7451-01	2	Label, Caution	7	098-7983	1	Label, Instruction
3	098-7978	1	Label, Warning - Voltage	8	098-7981	2	Label, Warning
4	098-7979	3	Label, Warning - Voltage	9	098-7986	1	Label, Logo
5	098-7980	1	Label, Danger - Voltage (Located on Unit Under Air Inlet Door)	10	098-8013-01	1	Label, Caution - Gas Supply

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