



**Aviation
Ground
Equipment Corp.**

HOBART®
GROUND POWER

Illustrated Parts List for 90CU20

90 kVA, 3 Phase, 115/200 Volt,
400 Hz. Generator Set



Series 500392C

Chapter 1 Illustrated Parts List

Section 1 Introduction

1) General

The Illustrated Parts List identifies, describes, and illustrates main assemblies, subassemblies, and detail parts of an Engine-Generator Set manufactured by ITW GSE Group, Hobart Ground Power.

2) Purpose

The purpose of this list is to provide parts identification and descriptive information to maintenance and provisioning personnel for use in provisioning, requisitioning, purchasing, storing, and issuing of spare parts.

3) Arrangement

Chapter 1 is arranged as follows:

Section 1 - Introduction

Section 2 - Parts List

Section 3 - Numerical index

4) Explanation of Parts List

a) Contents

The parts list contains a breakdown of the equipment into assemblies, subassemblies, and detail parts. All parts of the equipment are listed except:

- (1) Standard hardware items (attaching parts) such as nuts, screws, washers, etc., which are available commercially.
- (2) Bulk items such as wire, cable, sleeving, tubing, etc., which are also commercially available.
- (3) Permanently attached parts, which lose their identity by being welded, soldered, riveted, etc., to other parts, weldments, or assemblies.

b) Parts List Form

This form is divided into six columns. Beginning at the left side of the form and proceeding to the right, columns are identified as follows:

- (1) FIGURE-ITEM NO. Column

This column lists the figure number of the illustration applicable to a particular parts list and also identifies each part in the list by an item number. These item numbers also appear on the illustration. Each item number on an illustration is connected to the part to which it pertains by a leader line. Thus the figure and item numbering system ties the parts lists to the illustrations and

vice-versa. The figure and index numbers are also used in the numerical index to assist the user in finding the illustration of a part when the part number is known.

(2) **FACTORY PART NUMBER** Column

All part numbers appearing in this column are Hobart numbers. In all instances where the part is a purchased item, the vendor's identifying five-digit code and his part number will appear in the "NOMENCLATURE" column. Vendor parts, which are modified by Hobart, will be identified as such in the "NOMENCLATURE" column. In case Hobart does not have an identifying part number for a purchased part, the "FACTORY PART NUMBER" column will reflect "No Number" and the vendor's number will be shown in the "NOMENCLATURE" column. Parts manufactured by Hobart will reflect no vendor or part number in the "NOMENCLATURE" column.

(3) **NOMENCLATURE** Column

The item-identifying name appears in this column. The indenture method is used to indicate item relationship. Thus, components of an assembly are listed directly below the assembly and indented one space. Vendor codes and part numbers for purchased parts are also listed in this column when applicable. Hobart modification to vendor items is also noted in this column.

(4) **EFF (Effective)** Column

This column is used to indicate the applicability of parts to different models of equipment. When more than one model of equipment is covered by a parts list, there are some parts that are used on only one model. This column is used for insertion of a code letter A, B, etc., to indicate these parts and to identify the particular model they are used on. Since this manual covers more than one generator set specification, this column is used as follows:

Parts coded "A" are usable on Part Number 500392C-001 only.
Parts coded "B" are usable on Part Number 500392C-002 only.
Parts coded "C" are usable on Part Number 500392C-003 only.
Parts coded "D" are usable on Part Number 500392C-004 only.
Parts coded "E" are usable on Part Number 500392C-005 only (Special Configuration).
Parts coded "F" are usable on Part Number 500392C-006 only.
Parts coded "G" are usable on Part Number 500392C-007 only.
Parts coded "H" are usable on Part Number 500392C-008 only.
Parts coded "J" are usable on Part Number 500392C-009 only.

(5) **UNITS PER ASSEMBLY** Column

This column indicates the quantity of parts required for an assembly or subassembly in which the part appears. This column does not necessarily reflect the total used in the complete end item.

Section 2 Illustrated Parts List

1) Explanation of Parts List Arrangement

The parts list is arranged so that the illustration will appear on a left-hand page and the applicable parts list will appear on the opposite right-hand page. Unless the list is unusually long, the user will be able to look at the illustration and read the parts list without turning a page.

2) Symbols and Abbreviations

The following is a list of symbols and abbreviations used in the parts list:

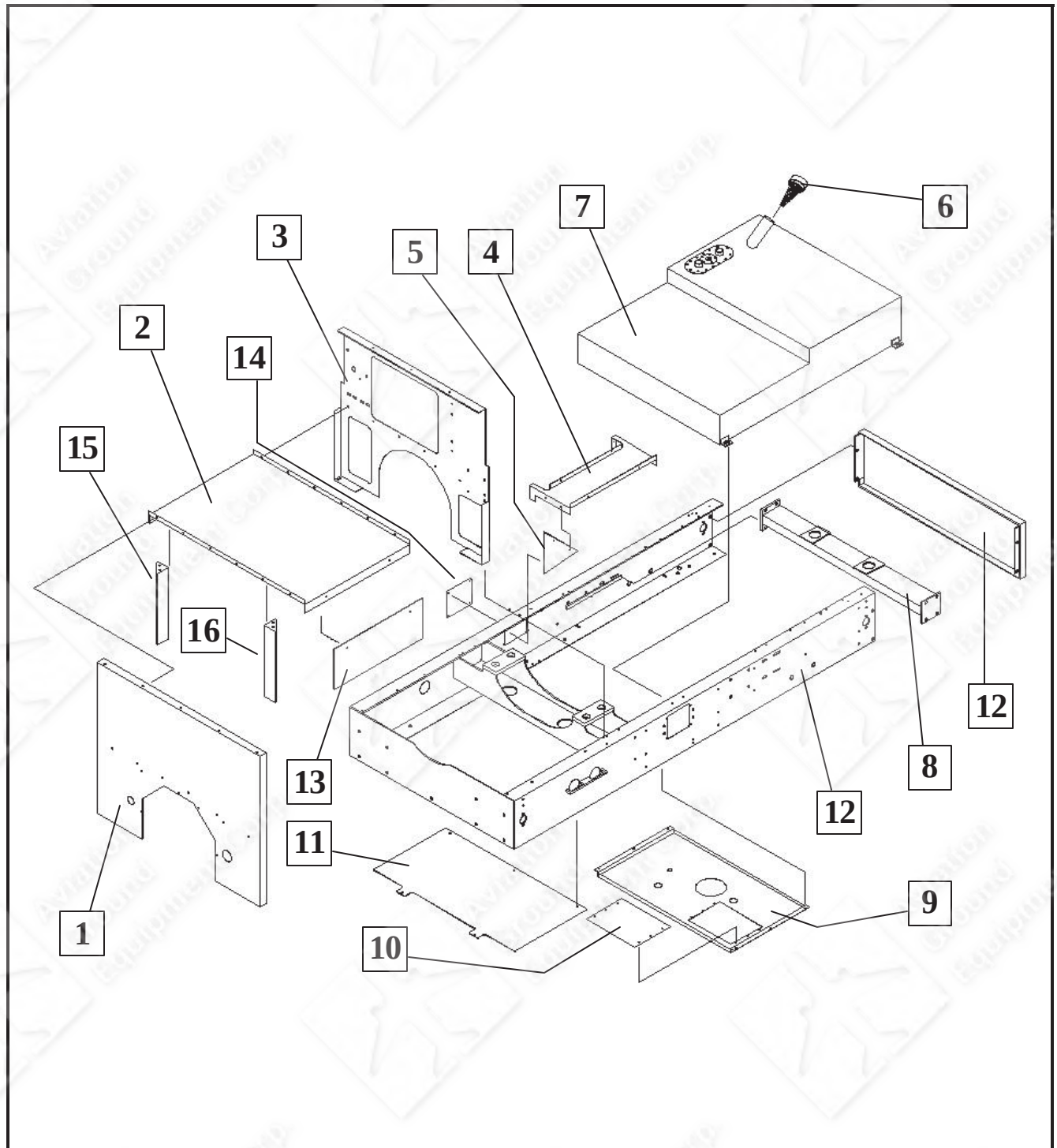
*	-	Item not illustrated
A, or AMP	-	Ampere
AC	-	Alternating current
AR	-	As required
DC	-	Direct current
Fig.	-	Figure
hd.	-	Head
hex	-	Hexagon
Hz	-	Hertz (cycles-per-second)
I.D.	-	Inside diameter
IN or "	-	Inch
KVA	-	Kilovolt-ampere
uF	-	Microfarad
No.	-	Number
NHA	-	Next higher assembly
PRV	-	Peak reverse voltage
PSI	-	Pounds per square inch
Ref	-	Reference (the item has been listed previously)
RH	-	Right Hand
LH	-	Left Hand
TM	-	Technical Manual
T-R	-	Transformer-rectifier
V	-	Volt or used as a prefix indicating vendor code

NOTE: An item which does not reflect an index number is an assembly which is not illustrated in it's assembled state, or it is similar (right-hand, left-hand, top, etc.) to an item which is illustrated.



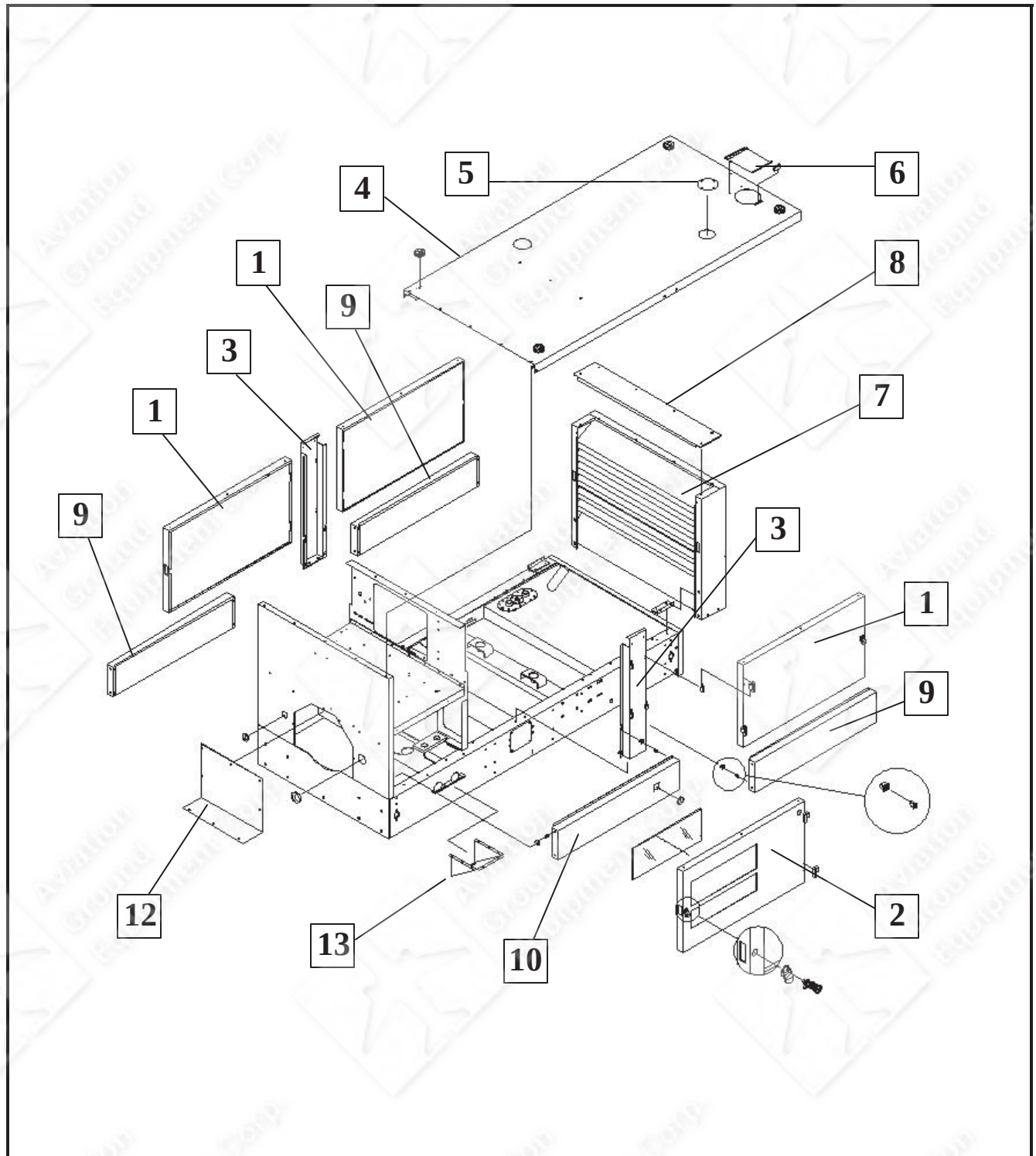
**General Assembly
Figure 1**

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
1-	1	Frame Assembly (See Figure 2)		Ref.
	2	Canopy Assembly (See Figure 3)		Ref.
*	3	Generator Set Internal Components (See Fig. 4)		Ref.
	4	285125 Guard, Mushroom Button (V14799 # K564M)		1
	5	288300 Plate, Legend, Emergency Stop		1
	6	77A1157 Switch, Maintained, Push-Pull (V14799 #KR-9R-H6)		1
	7	408665-1 Reflector, Red (V12662 #B491)		8
	8	408665-2 Reflector, Amber (V12662 #B491A)		20
	9	4025987 Label, Hobart		2
*	10	288917-2 Label, I.D. (Inside Control Box)		1
*	11	288918-2 Label, Options (Inside Control Box)		1
*	12	76B1148 Label, Diesel Fuel		1
	13	287459 Label, General		1
*	14	287460 Label, High Voltage		1
*	15	287461 Label, Fuel		1
*	16	287462 Label, Radiator		1
	17	287463 Label, Hot Muffler		2
*	18	287464 Label, Moving Parts		2
	19	287466 Label, Emergency Stop		1
	20	282658 Label, Warning Clearance		1
	21	288866 Label, Support Center		1
	22	288862 Label, Caution, Engine Speed		1
*	23	287465 Label, Warning Drawbar	A,C,E,F,H	2
	24	287571 Label, Tire Pressure	A,C,E,F,H	4
*	25	287696 Label, Hearing Protection		1
	26	283714-2 Label, kVA Rating		2
	27	282667 Bracket, 5 th Wheel Assembly	A,C,E,F,H	1
		282727 ...Plate, Cover	A,C,E,F,H	1
*		280763 ...Plate, Bearing	A,C,E,F,H	1
*		408781-1 ...Pin, Spring	A,C,E,F,H	2
	28	288697 Tray, Cable, Right	A,C,E,F,H	1
*		288698 ...Cover, DC Cable	A,C,E,F,H	1
*		288694 ...Panel, Cable Guide	A,C,E,F,H	1
	29	288696 Tray, Cable, Left	A,C,E,F,H	1
*		288695 ...Cover, AC Cable	A,C,E,F,H	1
*		288695 ...Cover, AC Cable	F,G,H,J,L	2
*		288694 ...Panel, Cable Guide	A,C,E,F,H	1
*	30	7J422-0 Clamp, Cable		2
		Clamp, Cable (when DC is supplied)	F,G,H,J	3
*		Clamp, Cable (when 2 nd output is supplied)	C,D,H,J	4
	31	287808 Kit, Fixed Mount Support	B,D,G,J	1
	32	287376 Bumper, Side	A,C,E,F,H	2
	33	287377 Support, Fender	A,C,E,F,H	4
*	34	287491 Shield, Heat, Tray, Cable (in cable tray)	A,C,E,F,H	1
		288967 Shield, Heat, Tray, Cable (in cable tray, optional)	A,C,E,F,H	1
	35	288703 Rear, Axle	A,C,E,F,H	1
	36	287120 Front, Axle	A,C,E,F,H	1



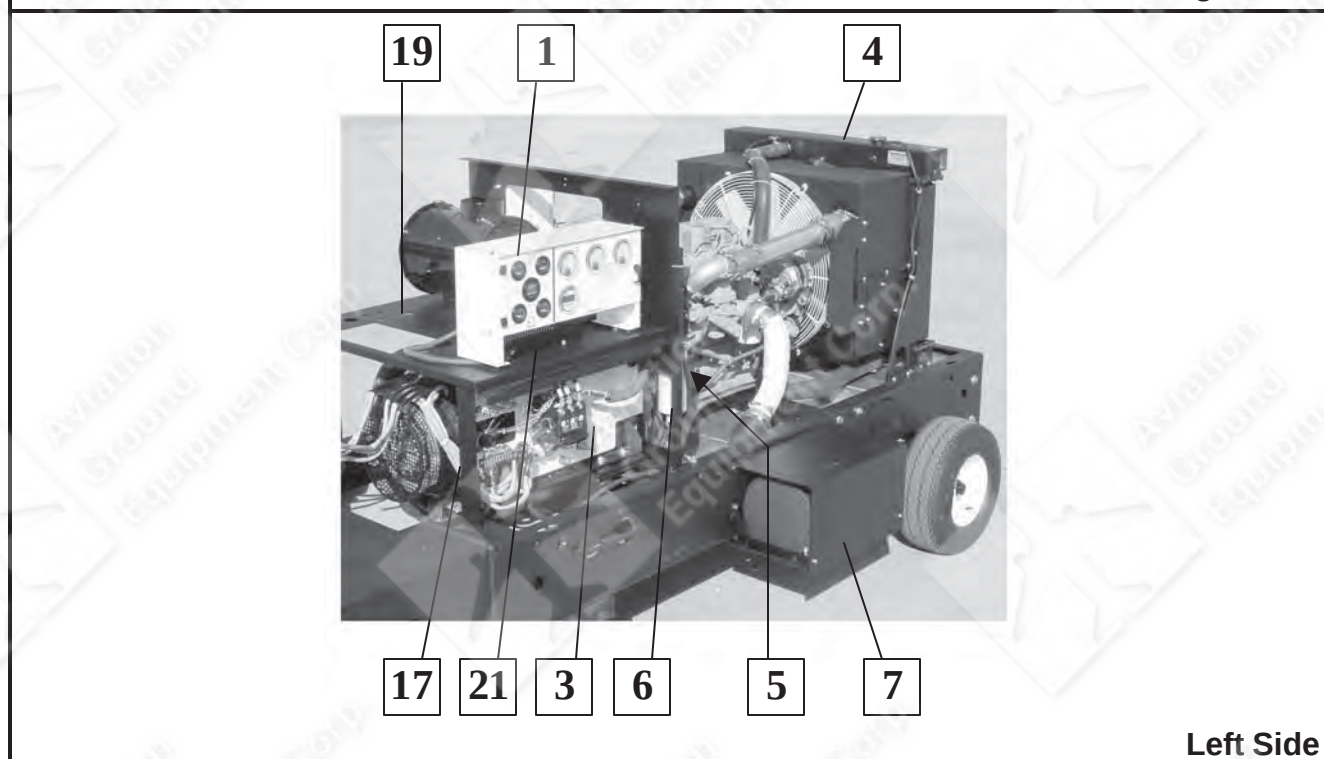
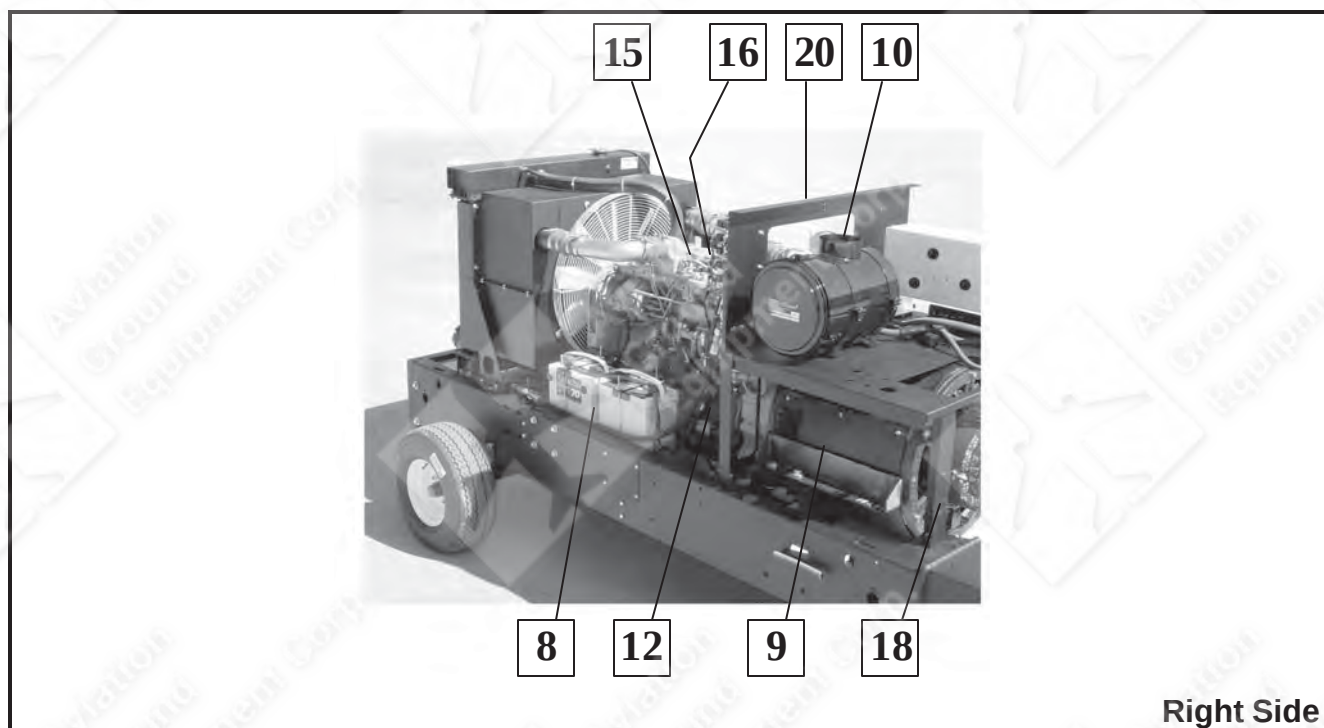
**Frame Assembly
Figure 2**

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
2 -	1	288879	Panel, Front Canopy	1
*		287738-25	...Insulation, Top	1
*		287738-23	...Insulation, Left	1
*		287738-24	...Insulation, Right	1
	2	288691	Support, Control Box	1
	3	288835	Panel, Bulkhead, Center	1
	4	288722	Tray, Battery	1
	5	288910	Support, Battery Tray	1
	6	282562	Cap, Fuel (V49234 #1275/0003)	1
	7	287781	Tank, Fuel, 65 Gallon	1
	8	287424	Support, Engine, Front	1
	9	287739	Panel, Bottom	1
*		287738-3	...Insulation, Bottom Panel	1
	10	287437	Cover, Panel, Bottom	1
	11	288557	Panel, Bottom, Generator	1
*		287738-15	...Insulation, Noise, Bottom, Generator	1
	12	288506	Frame Assembly	1
	13	288882	Cover, Power Module	1
	14	287506	Cover, Frame, Exhaust	1
	15	288692	Leg, Control Box Support, Left	1
	16	288693	Leg, Control Box Support, Right	1



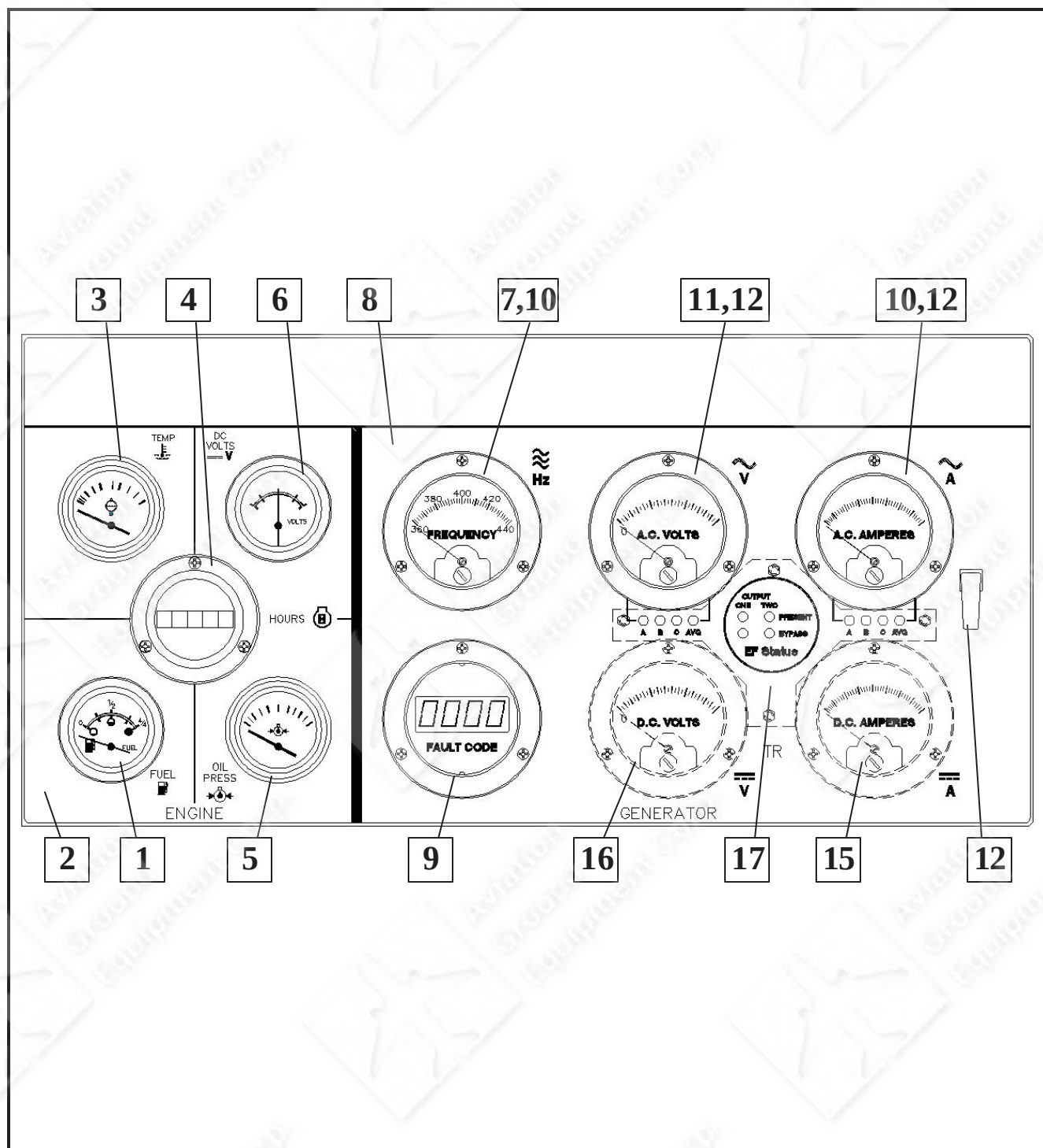
Canopy Assembly
Figure 3

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
3 - *	1	287701 Door, Assembly		3
		287738-1 ...Insulation, Noise, Door		3
		283597 ...Hinge, LH Access Door (V94222 #96-10-510-50)		2
		283824 ...Hinge, RH Access Door (V94222 #96-10-520-50)		4
		287542-1 ...Latch, Door (V94222 #E3-16-15)		3
		287542-2 ...Latch, Door (V94222 #E3-11-15)	E	3
		287526-2 ...Tab, Pull, Door Latch (V94222 #E3-27-1)		3
	2	288880 Door, Control Box		1
		286881 ...Cover, Controls (V1Y498)		1
	*	287738-28 ...Insulation, Noise, Door		1
		283597 ...Hinge, LH Access Door (V94222 #96-10-510-50)		2
		287542-1 ...Latch, Door (V94222 #E3-16-15)		1
		287542-2 ...Latch, Door (V94222 #E3-11-15)	E	1
		287526-2 ...Tab, Pull, Door Latch (V94222 #E3-27-1)		1
	3	288544 Panel, Support Door		2
*		287738-20 ...Insulation, Panel, Door Support		2
	4	288547 Top, Canopy Assembly		1
		288410 ...Kit, Clearance Lights (Optional)		Ref.
*		287738-21 ...Insulation, Noise, Canopy Top, Rear		1
*		287738-22 ...Insulation, Noise, Canopy Top, Front		1
	5	287422 Cover, Canopy Exhaust		2
	6	283647 Door, Radiator Access		1
*		403127 ...Catch, Magnetic (V94222 #02-10-201-10)		1
	7	287819 Panel, Rear Assembly		1
*		287805 ...Deflector, Radiator, Left		1
*		287806 ...Deflector, Radiator, Right		1
*		287793 ...Bracket, Mounting Plenum		2
	8	287889 Cover, Louver Panel		1
	9	287703 Panel, Side, Lower		3
*		287738-4 ...Insulation, Noise, Lower Panel		3
		287785 ...Fastener, Panel, Access (VA5733 #7800-00 & #263-000006-00-0017)		12
	10	288878 Panel, Side, Lower (Control Box Side)		1
*		287738-27 ...Insulation, Noise, Lower Panel		1
		287785 ...Fastener, Panel, Access (VA5733 #7800-00 & #263-000006-00-0017)		4
*	11	403091-8 Plug, Hole, Plastic (V28520 #DP-1750)		1
	12	288884 Cover, Opening, Front Canopy	A,C,E,F,H	1
*		288872 Cover, Opening, Front Canopy	B,D,G,J	1
	13	288694 Panel, Cable Guide		1
*	14	287489-1 Light, 12 V. Strobe	E	1



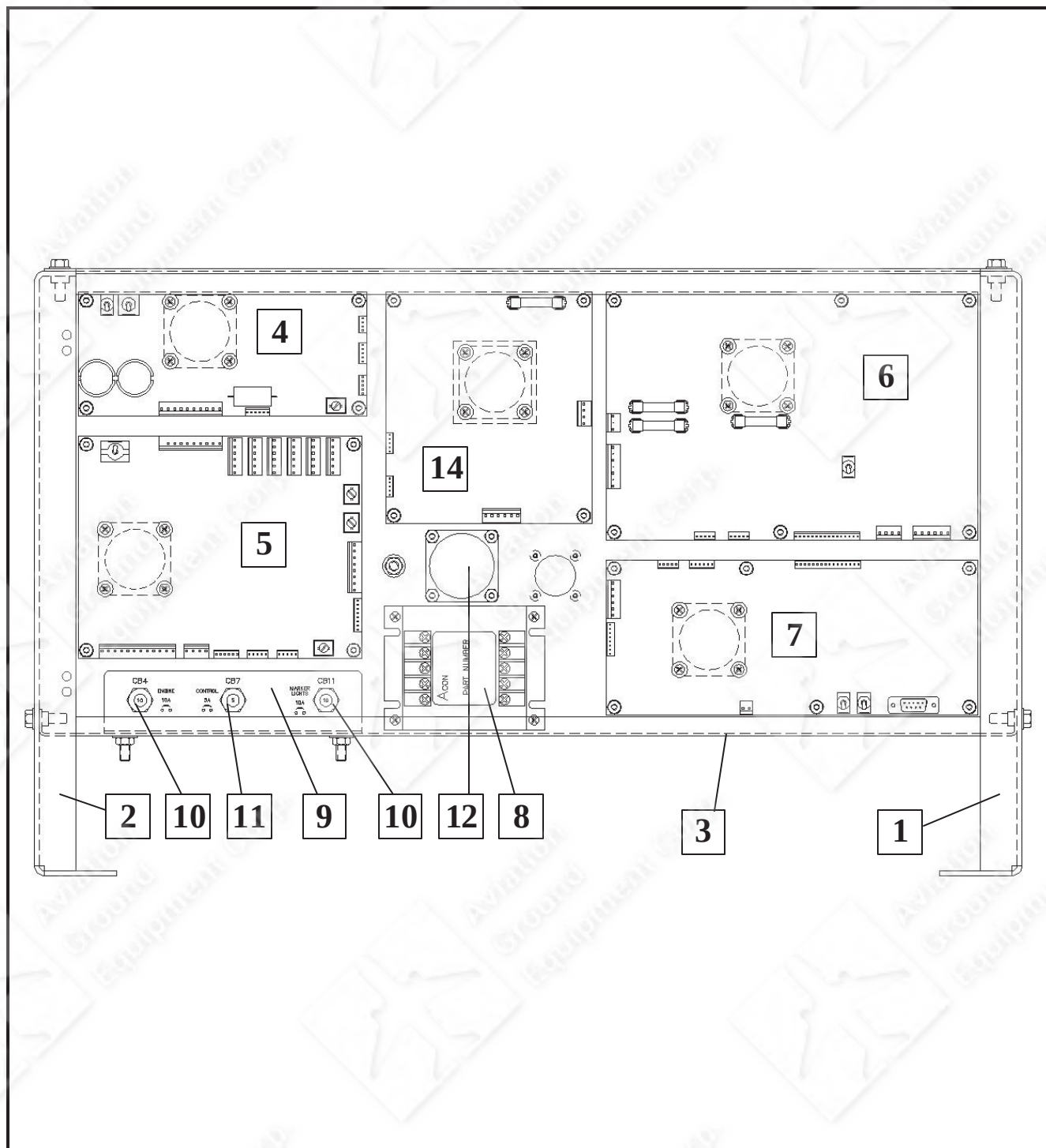
Internal Components
Figure 4

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.	
4 -		Left Side			
1	289019-1	Control Box Assembly [No T-R] (See Figures 5 & 6)	A,B,C,D,E	1	
	289019-2	Control Box Assembly [With T-R] (See Figures 5 & 6)	F,G,H,J	1	
*	288847-1	...Mount, Rubber (V5P059 #51225)		4	
*	2	289012-1	Control Switch Panel Assembly [1 Output & No T-R]	A,B,E	1
		(See Figure 7 & 8)			
*	289012-2	Control Switch Panel Assembly [2 Outputs & No T-R]	C,D	1	
		(See Figure 7 & 8)			
*	289012-3	Control Switch Panel Assembly [1 Outputs & T-R]	F,G	1	
		(See Figure 7 & 8)			
*	289012-4	Control Switch Panel Assembly [2 Outputs & T-R]	H,J	1	
		(See Figure 7 & 8)			
3	288840-1	400 Hz. Power Module Components (See Figure 9)	A,B,E,F,G	1	
	288840-2	400 Hz. Power Module Components (See Figure 9)	C,D,H,J	1	
	288851	...Cover, Power Module		1	
	288852	...Support, Power Module Cover		1	
4	No Number	Cooling System Components (See Figure 10)		Ref.	
*	5	No Number	Engine Ground Plate and Cables (See Figure 11)	Ref.	
	6	No Number	Fuel System Components (See Figure 12)	Ref.	
	7	No Number	Engine Exhaust Components (See Figure 13)	Ref.	
		Right Side			
8	No Number	12 VDC Battery Components (See Figure 14)		Ref.	
9	288460-1	Generator Assembly (See Figure 18)		Ref.	
	480603-1	...Mount, Shock, Generator		4	
	288686	...Ring, Spacer, Flex Coupling		1	
10	No Number	Air Cleaner Components (See Figure 15)		Ref.	
*	11	No Number	Engine Components (See Figure 16)	Ref.	
	282852	...Bracket, Engine, Support		2	
	480603-1	...Mount, Shock, Generator		2	
*	12	No Number	Drain, Blow-by (in area shown)	Ref.	
	056525	...Hose, 3/8" ID		36 in.	
	W10869-9	...Clamp, Hose		1	
*	13	288824	Wire Harness, Engine	1	
*	14	288825	Wire Harness, Engine Electronics	1	
15	288540	Engine, Cummins, QSB5.9, 165 HP (V8A334)		1	
	287438	...Valve, Oil, Drain		1	
	056535	... Hose, 3/8", ID		8"	
16	No Number	Engine Electronic Panel Components (See Fig. 17)		Ref.	
		Miscellaneous			
17	288692	Leg, Control Box Support, Left		1	
18	288693	Leg, Control Box Support, Right		1	
19	288691A	Support, Control, Box		1	
20	288835A	Panel, Bulkhead, Center		1	
21	288895	Support, Option Terminal Block		1	



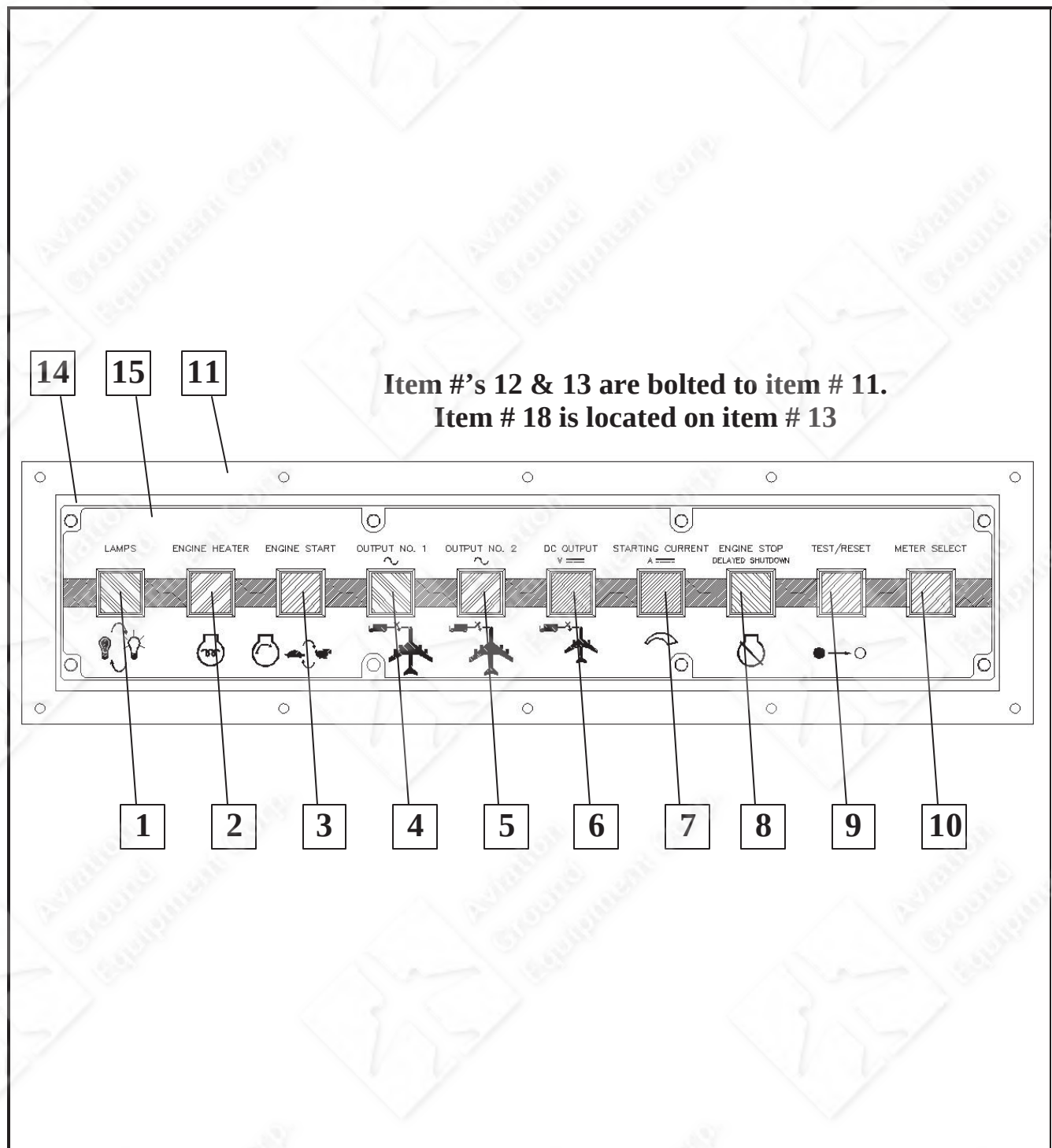
**Control Box Door Panel Assembly
Figure 5**

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.	
5 -	289018-2	Door, Control Panel, Assembly [No T-R]	A,B,C,D,E	1	
	289018-4	Door, Control Panel, Assembly [With T-R]	F,G,H,J	1	
1	494134-1	Gauge, Fuel Level (V16476 #06339-01)		1	
2	288995	Panel, Door, Control Box		1	
3	287908	Gauge, Water Temperature (V16476 #06347-01)		1	
4	181358	Meter, Running Time (6H359 #85101)		1	
5	78A1117-2	Gauge, Oil Pressure (V16476 # 06395-01)		1	
6	288819-1	Gauge, Voltmeter (V16476 #06351-01)		1	
7	283167	Meter, Frequency (V74542 #D-1255119311)		1	
8	289017	Label, Control Box		1	
9	288858-4	Meter, Fault, Digital		1	
10	288814-2	Ammeter, AC (V74542 #D-1500122163)		1	
11	W8105A-9	Voltmeter, AC (V74542 #D-1497222103)		1	
12	288999-1	Latch, Control Box (V94222 #62-20-25)		1	
*	13	285172	Light, Strip	A,B,C,D,E	3
		285172	Light, Strip	F,G,H,J	5
*	14	288836-2	Hinge, Offset, Bottom (V94222 # 96-142 Type B)		1
*		288836-1	Hinge, Offset Top (V94222 # 96-141Type A)		1
15	400641-15	Ammeter, DC [See TR Manual]	F,G,H,J	1	
16	400642-8	Voltmeter, DC [See TR Manual]	F,G,H,J	1	
17	288806	Board, P.C., Front Panel, Led		1	
	288820	...Gasket, LED PC Board		1	



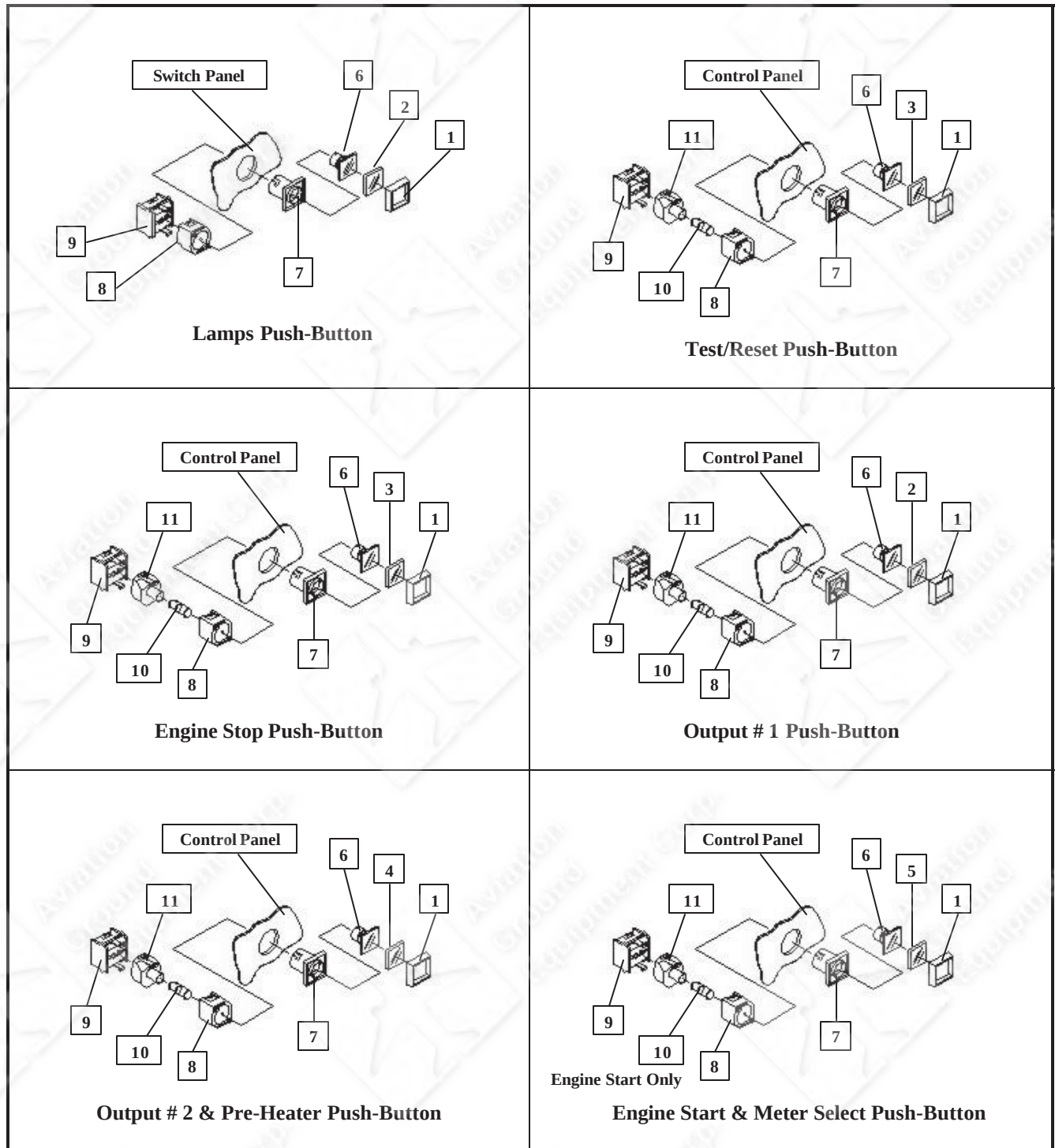
Control Box Interior Components
Figure 6

FIGURE ITEM NO.	FACTORY PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
6 -	1	288994	Side, Left, Control Box	1
	2	288993	Side, Right, Control Box	1
	3	288992	Wrapper, Control Box	1
	4	288745	Board, PC, ESB	1
*		288813	...Label, ESB [Engine Control]	1
*	5	288937	Board, PC, EIB	1
		288791	...Label, EIB [Starter Control]	1
	6	288940	Board, PC, Regulator	1
		288876	...Label, Regulator [Generator Control]	1
		288896	...Label, Regulator [LDC & Voltage Control]	1
7		W11166-9	...Fuse, 1 A, 250 V (V2B664)	2
		W11166-2	...Fuse, 5 A, 250 V (V2B664)	1
		289026	Board, PC, Digital Controls	1
	*	288875	...Label, Control [EF Bypass Control]	1
	8	288818-1	Power Supply (V05YB3 # M30T1205-12TS)	1
9		288605	...Support, Power Supply	1
		289059	Support, Circuit Breakers	1
		289060	...Label, Circuit Breakers	1
	10	283978-2	Circuit Breaker, 10A (V77342 #W23-X1A16-10)	2
	11	283978-1	Circuit Breaker, 5A (V77342 #W23-X1A16-5)	1
*	12	289073	Harness, Wire	1
*	13	289072	Harness, Wire, DC [See TR Manual]	1
	14	288914	Board, PC, T-R [See TR Manual]	1
		W11166-9	...Fuse, 1 A, 250 V (V2B664)	1



Control Switch Panel Components
Figure 7

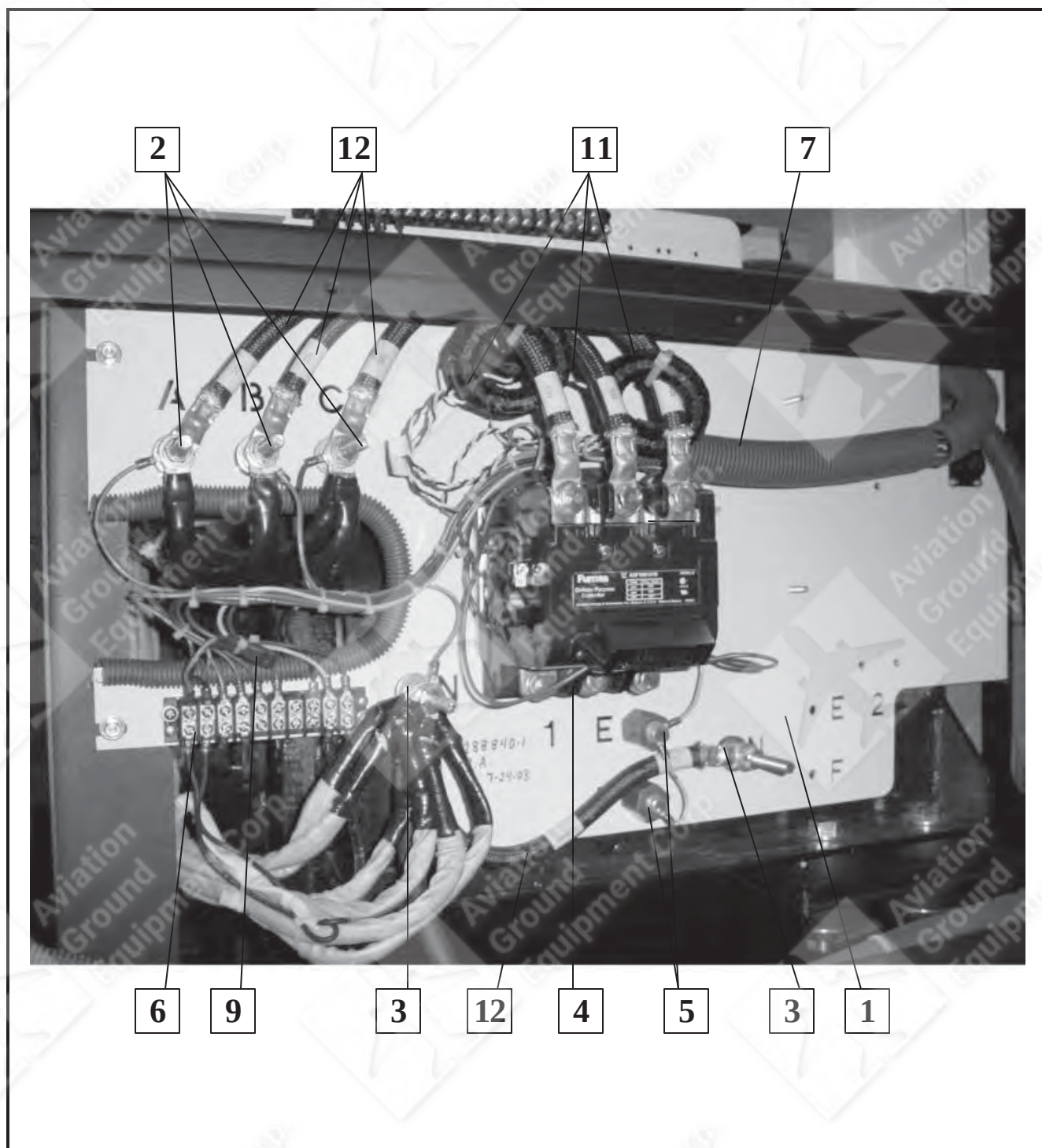
FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
7 -	1	No Number		1
	2	No Number		1
	3	No Number		1
	4	No Number		1
	5	No Number	C,D,H,J	1
	287038-1	Plug, Hole (when output # 2 is not used)		1
6	No Number	DC Output Pushbutton, Blue [See T-R Manual]	F,G,H,J	1
	287038-1	Plug, Hole (when TR in not used)		1
7	No Number	Starting Current Pushbutton, Blue [See T-R Manual]	F,G,H,J	1
	287038-1	Plug, Hole (when TR in not used)		1
	8	No Number		1
	9	No Number		1
	10	No Number		1
	11	288773		1
*	12	288772		1
*	13	288771		1
	14	289004		1
	15	289014		1
*	16	W10079-3		1
*	17	289015		1
*	18	288872		1



Push-Buttons Details
Figure 8

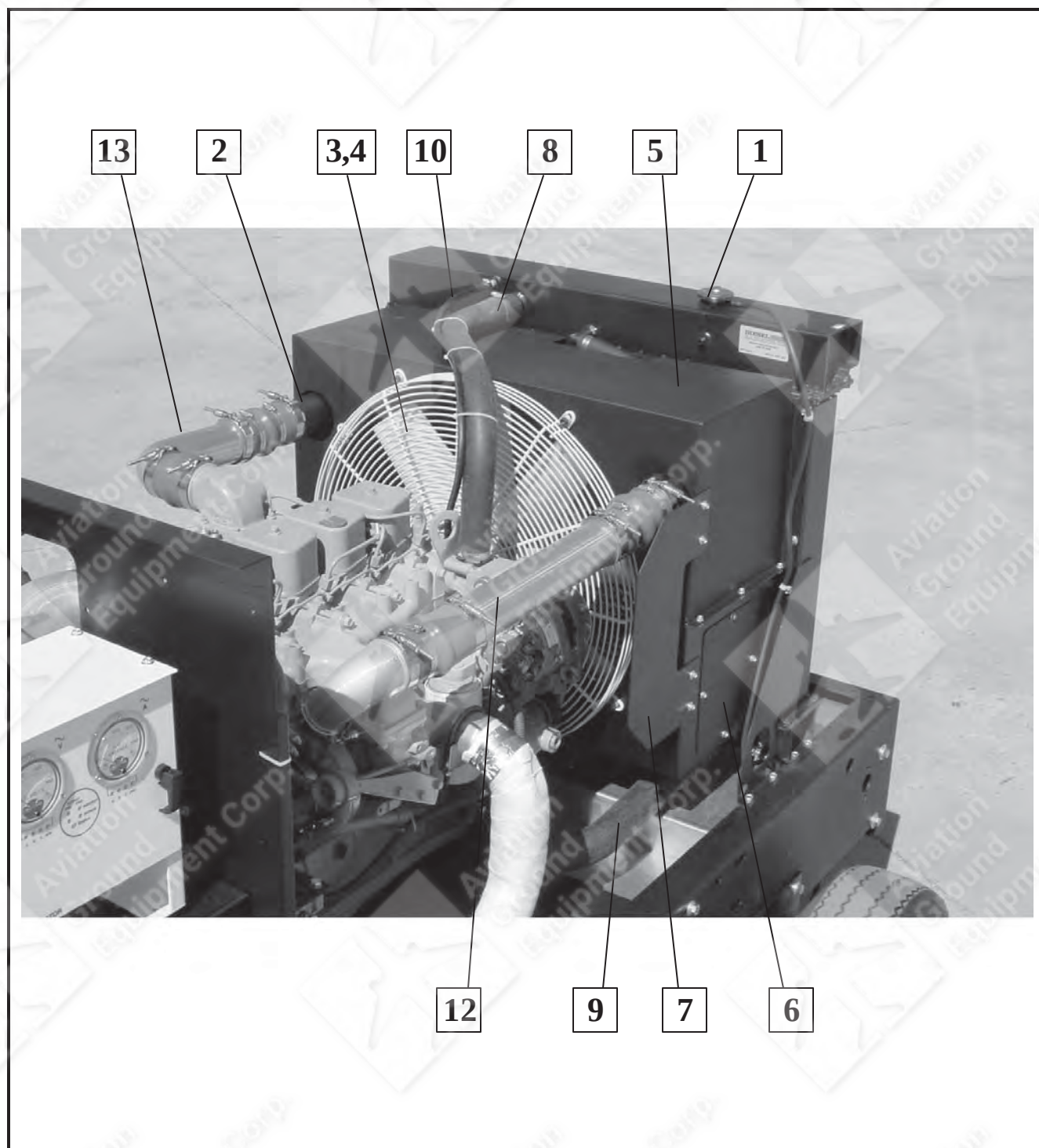
FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
8 -	1	285029-1	C,D,H,J	1
	2	285030-2		1
	3	285030-1		1
	4	285030-4		1
		Lens, Orange [Pre-Heater] (V61706 #704-702.3)		1
	5	285030-3		1
	6	285031-1		1
	7	285032-1		1
	8	285033		1
	9	284475-1		1
	10	400613-4		1
	11	285034-1		1

[See TR Manual for DC operator pushbuttons.]



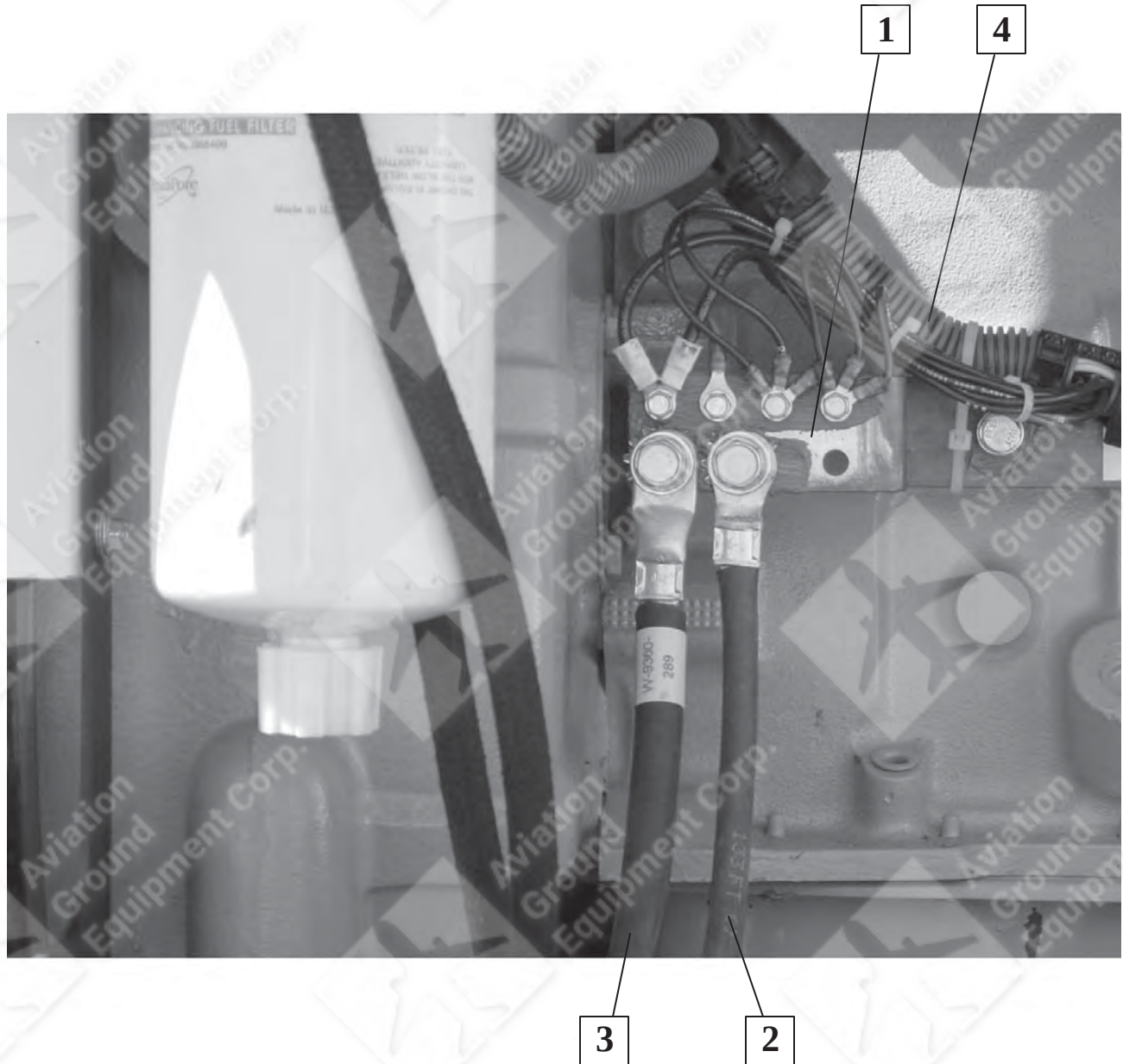
400 Hz. Power Module Assembly
Figure 9

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
9 -	1	288709		1
	2	AW626		3
		A25		6
	3	AW626		2
		A25		4
*	4	282130-1		1
		282130-1	C,D,H,J	2
*	5	286266		2
		286266	C,D,H,J	4
	6	401911-10		1
*	7	288829		1
	8	288832	C,D,H,J	1
*	9	282089-10		1
	10	288892-1		1
	11	285102-1		3
*		285102-1	C,D,H,J	6
	12	288829		Ref.
		...(No. 101) "A" Stator Terminal to "K1", # 1 Output		1
		...(No. 102) "B" Stator Terminal to "K1", # 1 Output		1
		...(No. 103) "C" Stator Terminal to "K1", # 1 Output		1
*		...(No. 110) "N" Stator Terminal to "N", Neutral		1
	13	288832	C,D,H,J	
		Cable, Power, Ay.		
		...(No. 104) "A" Stator Terminal to "K201", # 2 Output		1
		...(No. 105) "B" Stator Terminal to "K201", # 2 Output		1
		...(No. 106) "C" Stator Terminal to "K201", # 2 Output		1



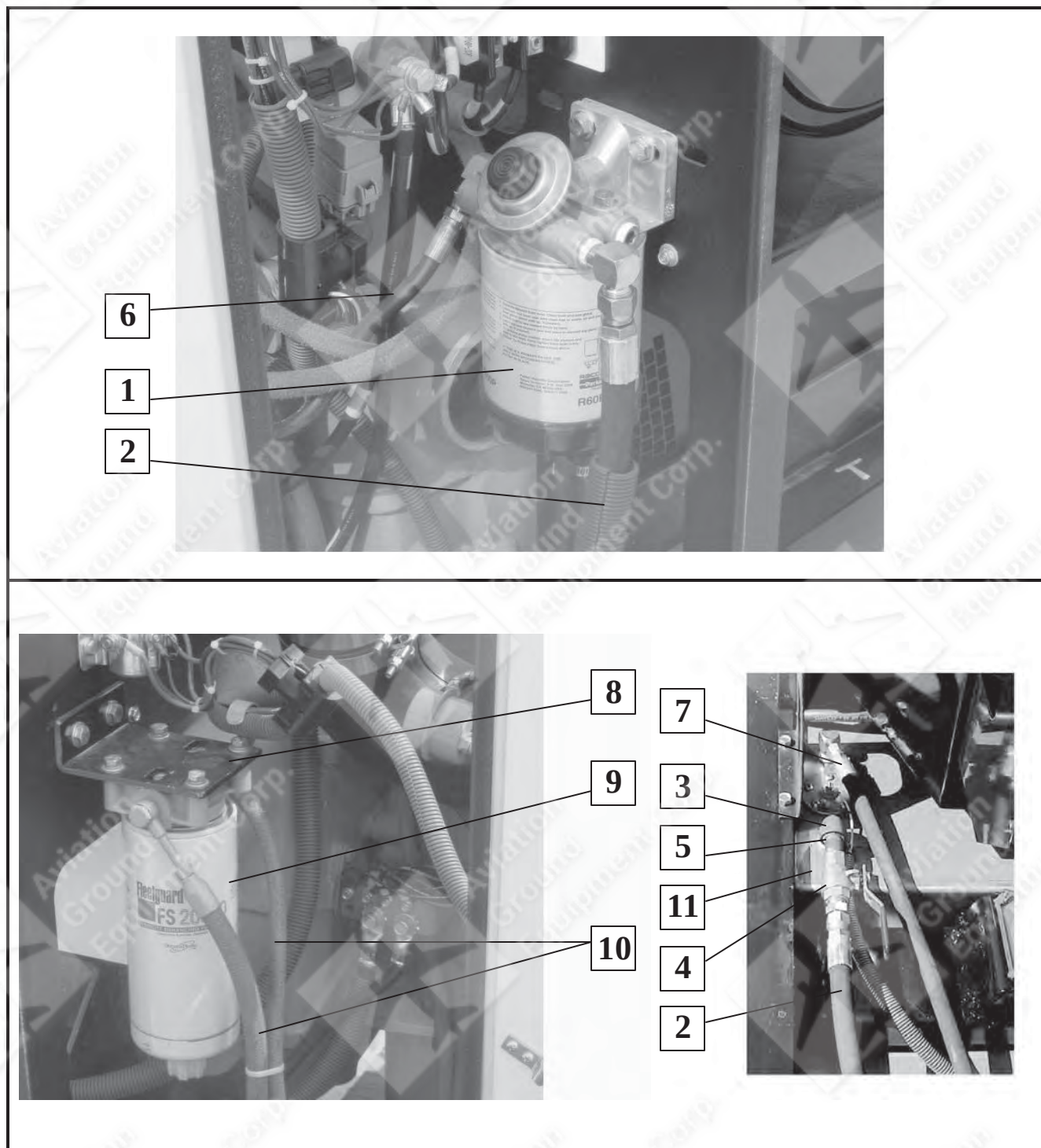
Cooling System Components
Figure 10

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
10 -	1	288241 Radiator Assembly (V0HZP9)		1
	2	288240 Charge-Air-Cooler Assembly (V0HZP9)		1
	3	287249 Fan, Cooling, 26"		1
	4	288316 Guard, Spiral, Fan		1
	5	288246 Shroud, Fan, Top		1
	6	288247 Shroud, Fan, Bottom		1
	7	288328 Guard, Fan Belt		1
	8	287659 Hose, Radiator, Upper Lower (V24161)		1
	W10869-3	...Clamp, Hose (1 ⁹ / ₁₆ " – 2 1/2")		2
	* 9	288309 Hose, Radiator, Lower Lower (V24161)		1
10	W10869-5	...Clamp, Hose (2 ⁵ / ₁₆ " – 3 1/4")		2
		Line, De-Aeration		Ref.
	W7814-0	...Bushing, Pipe, Steel, 1/4" – 1/8"		2
	402927-3	...Connector, Male		2
	056534	...Hose, 1/4", ID		40"
*	W10869-14	...Clamp, Hose (1 ⁷ / ₃₂ " – 5/8")		2
	11	283873 Valve, Drain, Radiator		40"
	056535	...Hose, 3/8" ID, Low Pressure		1
	12	288329 Pipe, CAC, Inlet		2
	288429	...Hose, CAC, (V8A334)		4
	13	288430 ...Clamp, Hose, CAC (V8A334)		1
		288330 Pipe, CAC, Outlet, 90°		2
		288429 ...Hose, CAC, Inlet (V8A334)		4
		288430 ...Clamp, Hose, CAC (V8A334)		1
	* 14	287913 Hose, Radiator, Upper Lower	E	1
*	15	287914 Hose, Radiator, Lower Lower	E	1
*	16	287920 Hose, Silicone Radiator, 1" ID	E	38"



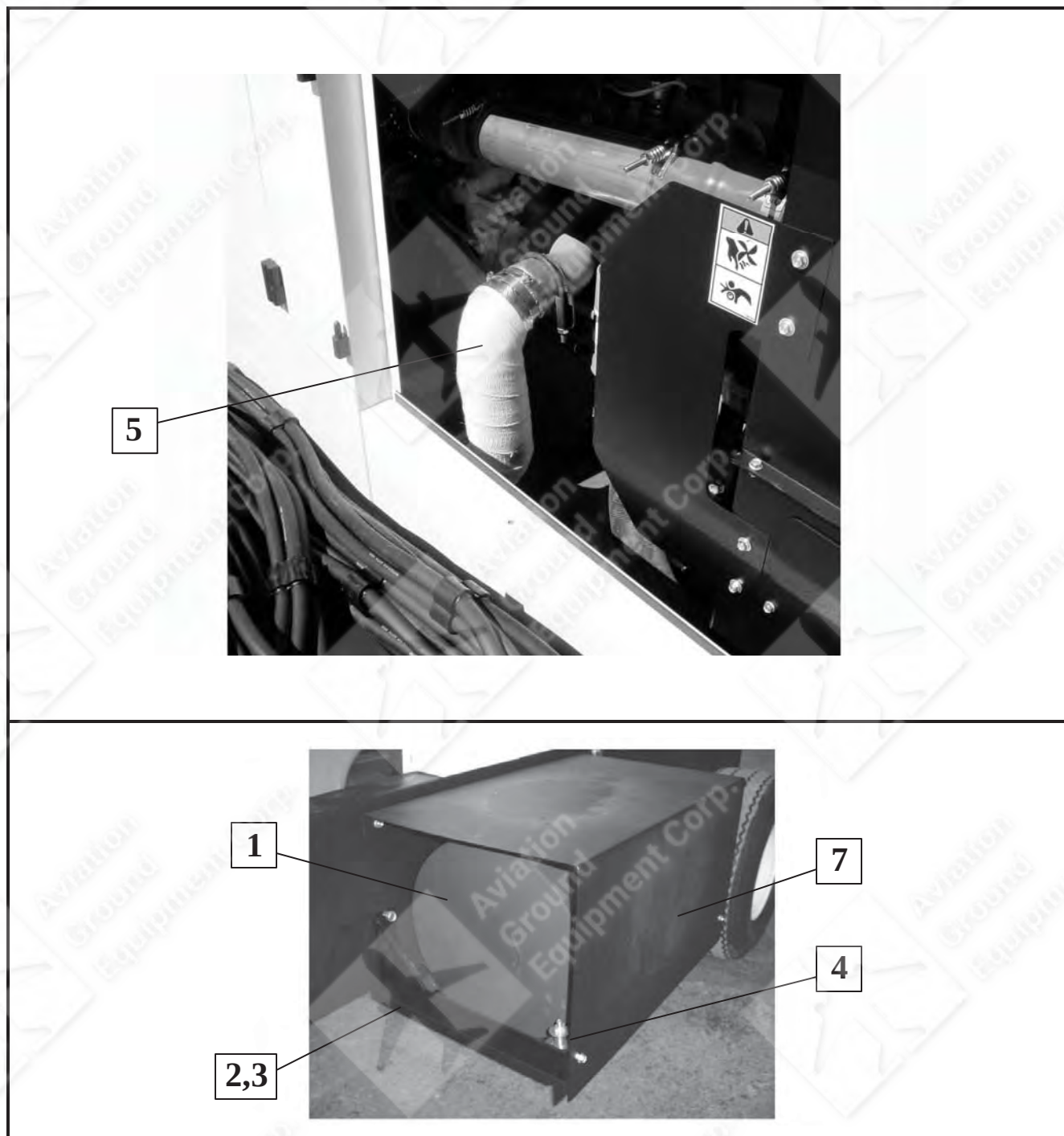
Engine Ground Plate and Cables
Figure 11

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
11 -	1	288723		1
	2	W9407-446		1
	3	W9360-289		1
	4	288824		1
		Plate, Ground		
		Cable, Engine to Ground		
		Cable, #111, Power Mod. To Ground		
		Wire Harness, Engine		



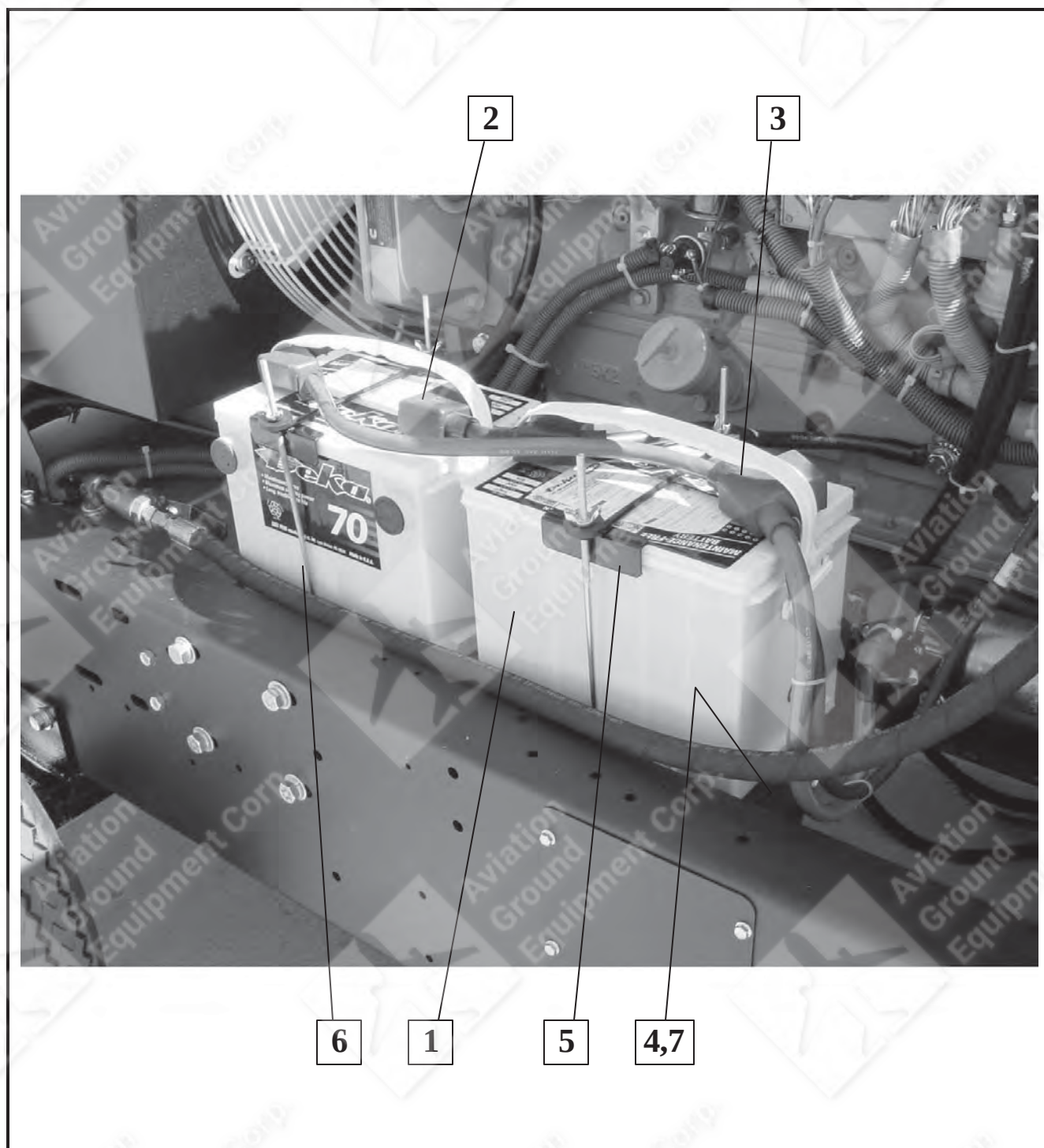
Fuel System Components
Figure 12

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
12 -	1	287639 Filter, Fuel/Water, Separator (V55752 # 460R30)		1
		056544 ...Hose, 5/16" ID		21"
		W10869-14 ...Clamp, Hose		1
	2	287804 Line, Fuel, Tank to Filter		1
	3	12CW2077-3 Elbow, 1/2" NPT, ST., 90°		1
	4	400819-3 Valve, Ball, 1/2" NPT		1
	5	W10760-3 Nipple, Pipe, 1/2"		1
	6	288846 Line, Fuel, Filter to Pump		1
	7	Line, Fuel, Return		Ref.
		056544 ...Hose, 5/16" ID		36"
		W10869-14 ...Clamp, Hose (1/32 - 5/8)		2
		286851 ...Fitting, Hose, Barbed, Brass		1
	8	288861 Bracket, Engine Fuel Filter		1
	9	286897-026 Filter, Lubricity Fuel (V8A334 # 3966659)		1
	10	No Number Lubricity Filter Fuel Lines [Supplied by Cummins]		1
	11	287781 Tank, Fuel, 65 Gallon		1
*	12	282562 Cap, Fuel Neck (V49234 #1275G/12T)		1
*	13	287592-2 Filter, Fuel/Water, Separator (V1PAM0 # 230106)	E	1



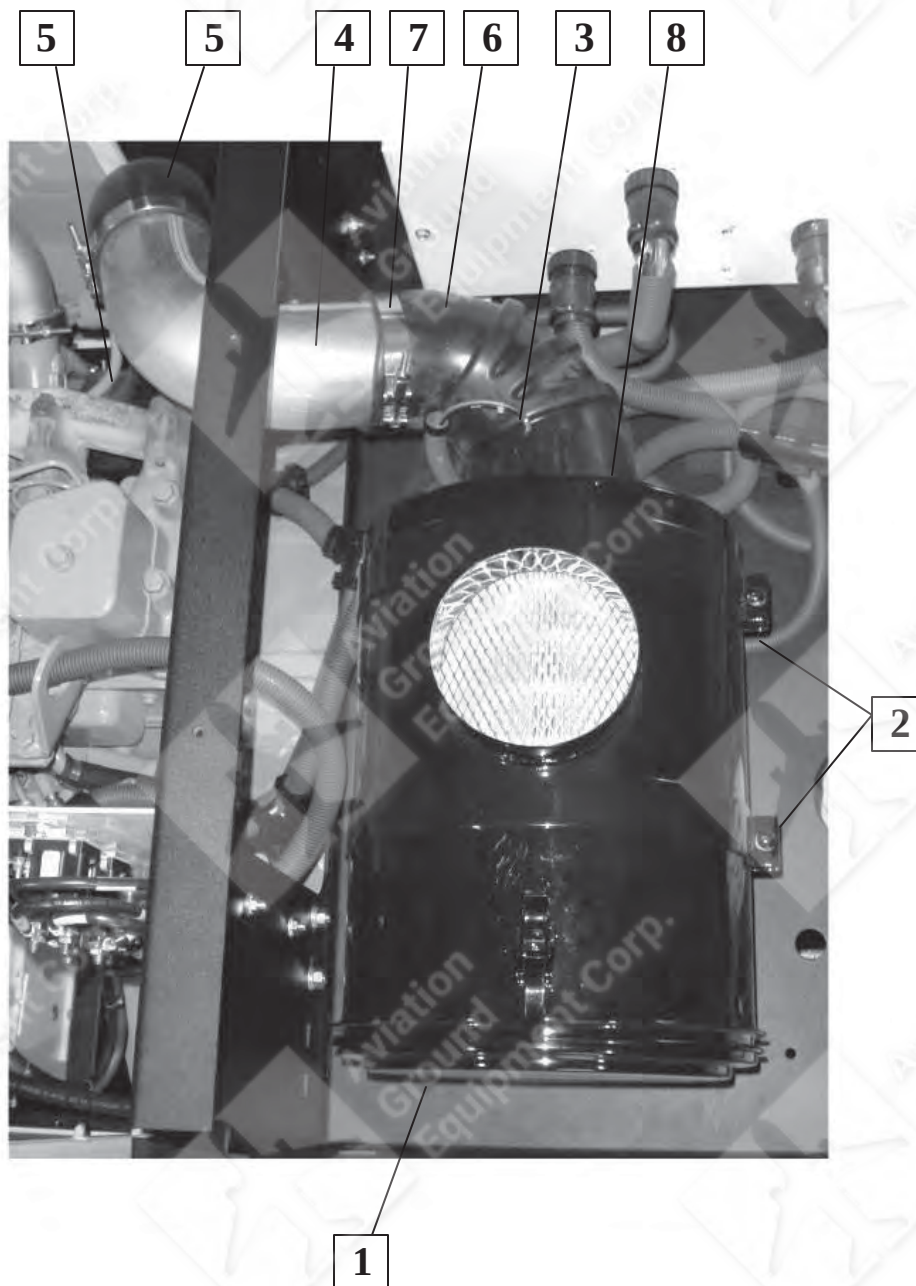
Engine Exhaust Components
Figure 13

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
13 -	1	287405		1
	2	287431	A,C,E,F,H	1
		287431	B,D,G,J	2
	3	287432		1
	4	287691		4
*	5	288311		1
	6	404154-16		3
	7	287406	A,C,E,F,H	1
		287644	B,D,G,J	1
		287647	B,D,G,J	1
*	8	287645	B,D,G,J	1
	9	287370	A,C,E,F,H	1
		287643	B,D,G,J	1



12 VDC Battery System
Figure 14

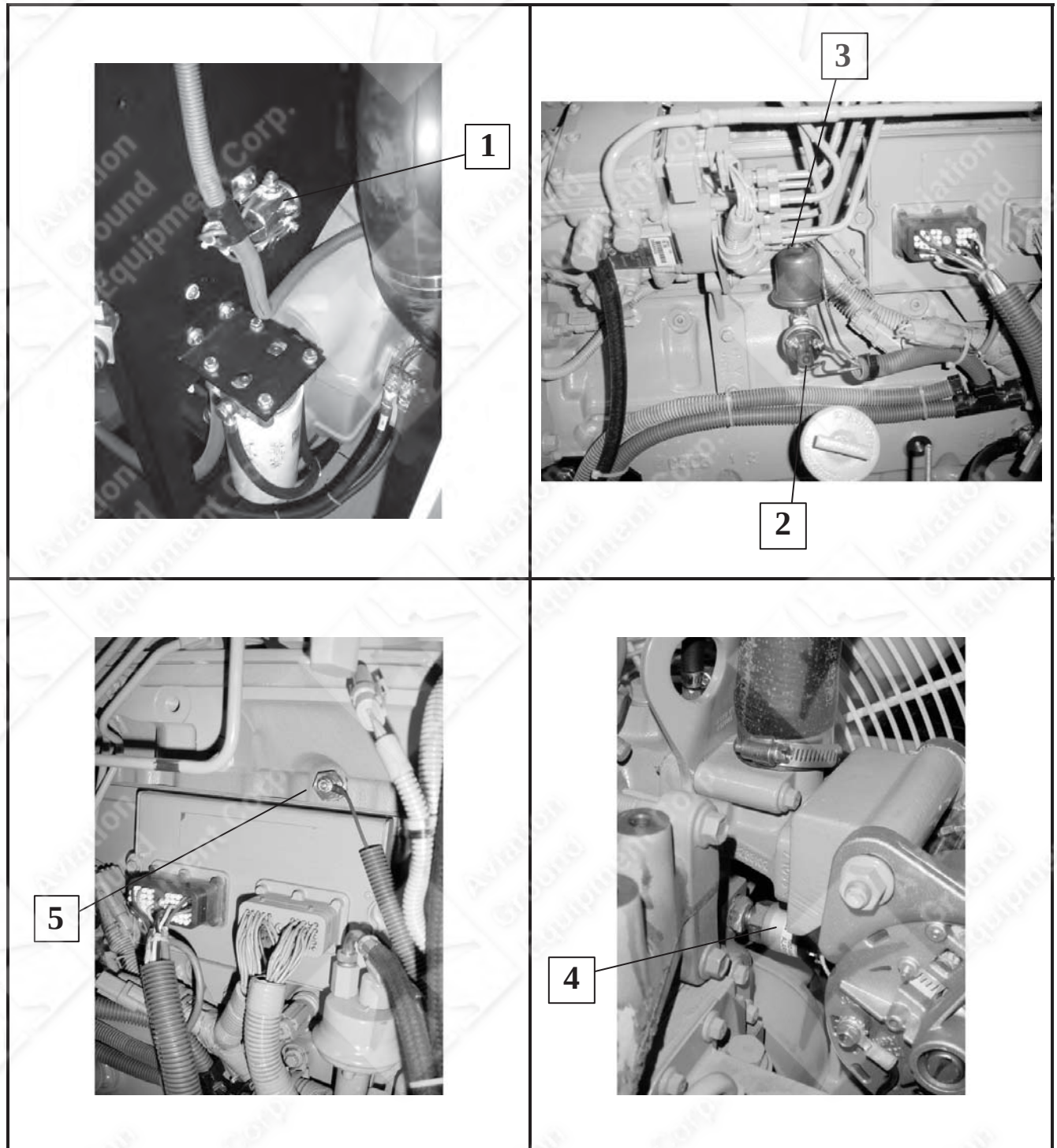
FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
14 -	1	281881-1		2
	2	287797		1
	3	287742		1
	4	288722		1
	5	287796		2
	6	494295		2
	7	288910		1



Item # 9 is located between the two rubber 90° elbows (Item # 5).

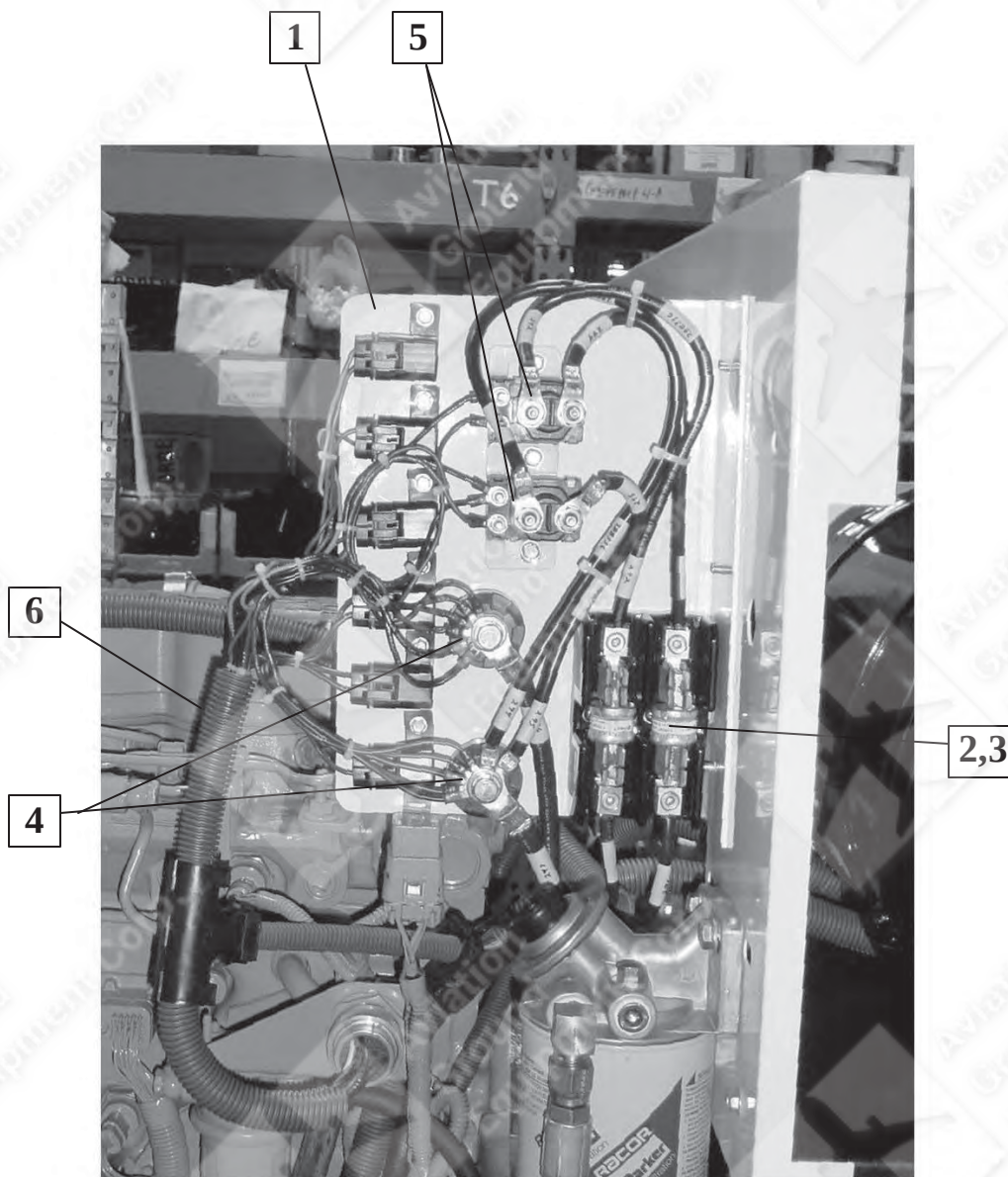
Air Cleaner Components
Figure 15

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
15 -	1	286061		1
	2	284923		2
	3	282918		1
	4	288054-3		1
	5	287371		2
	6	284925		1
	7	280732-6		5
	8	280732-7		1
*	9	284461		1



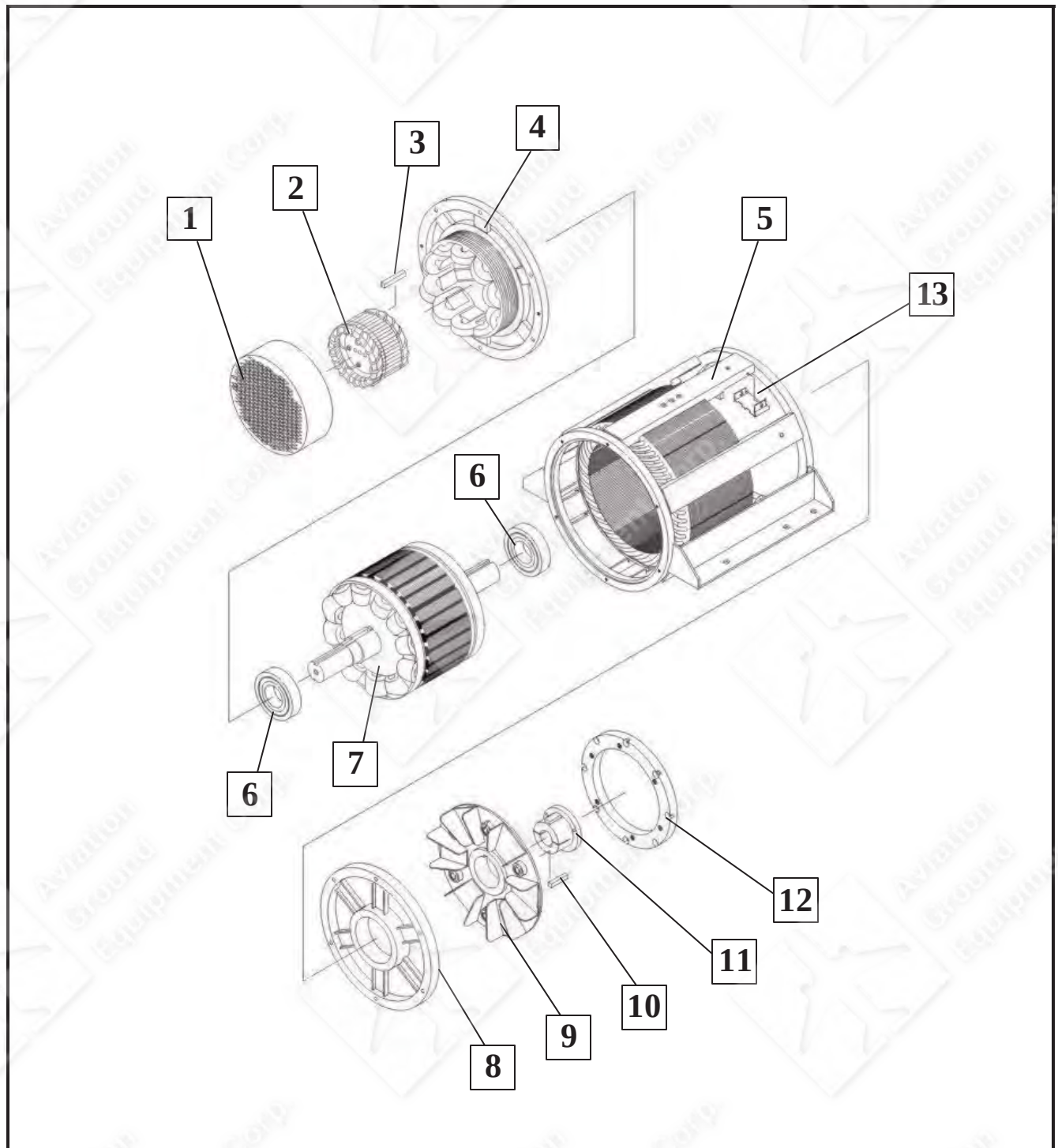
Engine Components
Figure 16

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
16 -	1	286850 Starter Solenoid (V13445 # 24059)		1
		285200 ...Diode, Flyback		1
	2	403809-1 Switch, Oil Pressure (V75419 #1042-08210-10)		1
	3	78B1118-2 Sender, Oil Pressure (V16476 #16476)		1
		287419 ...Adapter, M10-1.0 x 1/8 NPTF		1
		W10910-0 ...Fitting, Tee		1
		W10750-1 ...Nipple, Pipe, 1/8"		1
	4	403782-2 Switch, Shutdown, 210° F (V75418 #1002-04880-36)		1
		W7814-4 ...Adapter, 3/8" x 1/2" NPT		1
	5	287909 Sender, Water Temperature (V16476 #02019)		1
		W7814-4 ...Adapter, 3/8" x 1/2" NPT		1



Engine Electronic Panel Components
Figure 17

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
17 -	1	288333		1
	2	287145-2		1
	3	287144-2		2
	4	283154-1		2
	5	288331		2
	6	288825		1



Generator Assembly
Figure 18

FIGURE ITEM NO.	PART NO.	NOMENCLATURE	EFF	UNIT PER ASSY.
18 -	1	288486		1
	2	288494		1
	3	180696-003		1
	4	288440		1
	5	288471		1
	6	W-10072-68		2
	7	288447-001		1
	8	288461		1
	9	288481		1
		480290		8
	10	85B-1039		1
	11	85C1004-1		1
	12	288457		1
	13	288458		6
*	14	288478		1

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Section 3 Numerical Index

1) Explanation of Numerical Index

The purpose of this index is to assist the user in finding the illustration and description of a part when the part number is known. Part numbers are arranged in alphanumeric sequence. Thus, any part number beginning with the letter "A" would be located at or near the top of the index list. Likewise, a part number "9" would be listed near the end of the list and far below a part number "1000". The figure number and item number location of the part is directly opposite the part. If the part is used in more than one place, each location is listed commencing with the first location the part is listed.

FIGURE ITEM NO.	HOBART PART NO.	FIGURE ITEM NO.	HOBART PART NO.
9-	A25	12-12	282562
9-2	AW626	1-20	282658
9-3	AW626	1-27	282667
18-6	W-10072-68	1-	282727
7-16	W10079-3	4-	282852
16-	W10750-1	15-3	282918
12-5	W10760-3	17-4	283154-1
10-	W10869-14	5-7	283167
12-	W10869-14	3-	283597
12-	W10869-14	3-	283597
10-	W10869-3	3-6	283647
10-	W10869-5	1-26	283714-2
4-	W10869-9	3-	283824
16-	W10910-0	10-11	283873
6-	W11166-2	6-11	283978-1
6-	W11166-9	6-10	283978-2
6-	W11166-9	15-9	284461
10-	W7814-0	8-9	284475-1
16-	W7814-4	15-2	284923
16-	W7814-4	15-6	284925
5-11	W8105A-9	8-1	285029-1
11-3	W9360-289	8-3	285030-1
11-2	W9407-446	8-2	285030-2
4-	056525	8-5	285030-3
10-	056534	8-4	285030-4
4-	056535	8-6	285031-1
10-	056535	8-7	285032-1
12-	056544	8-8	285033
12-	056544	8-11	285034-1
12-3	12CW2077-3	9-11	285102-1
18-3	180696-003	1-4	285125
5-4	181358	5-13	285172
15-7	280732-6	5-	285172
15-8	280732-7	16-	285200
1-	280763	15-1	286061
14-1	281881-1	9-5	286266
9-9	282089-10	16-1	286850
9-4	282130-1	12-	286851
2-6	282562	3-	286881

FIGURE ITEM NO.	HOBART PART NO.	FIGURE ITEM NO.	HOBART PART NO.
12-9	286897-026	3-	287738-22
7-	287038-1	2-	287738-23
1-36	287120	2-	287738-24
17-3	287144-2	2-	287738-25
17-2	287145-2	3-	287738-27
10-3	287249	3-	287738-28
13-9	287370	2-	287738-3
15-5	287371	3-	287738-4
1-32	287376	2-9	287739
1-33	287377	14-3	287742
13-1	287405	2-7	287781
13-7	287406	12-11	287781
16-	287419	3-	287785
3-5	287422	3-	287785
2-8	287424	3-	287793
13-2	287431	14-5	287796
13-	287431	14-2	287797
13-3	287432	12-2	287804
2-10	287437	3-	287805
4-	287438	3-	287806
1-13	287459	1-31	287808
1-14	287460	3-7	287819
1-15	287461	3-8	287889
1-16	287462	5-3	287908
1-17	287463	16-5	287909
1-18	287464	10-14	287913
1-23	287465	10-15	287914
1-19	287466	10-16	287920
3-	287489-1	15-4	288054-3
1-34	287491	10-2	288240
2-14	287506	10-1	288241
3-	287526-2	10-5	288246
3-	287526-2	10-6	288247
3-	287542-1	1-5	288300
3-	287542-2	10-9	288309
1-24	287571	13-5	288311
12-13	287592-2	10-4	288316
12-1	287639	10-7	288328
13-	287643	10-12	288329
13-	287644	10-13	288330
13-8	287645	17-5	288331
13-	287647	17-1	288333
10-8	287659	3-	288410
13-4	287691	10-	288429
1-25	287696	10-	288429
3-1	287701	10-	288430
3-9	287703	10-	288430
3-	287738-1	18-4	288440
2-	287738-15	18-7	288447-001
3-	287738-20	18-12	288457
3-	287738-21	18-13	288458

FIGURE ITEM NO.	HOBART PART NO.	FIGURE ITEM NO.	HOBART PART NO.
4-9	288460-1	9-13	288832
18-8	288461	2-3	288835
18-5	288471	4-20	288835A
18-14	288478	5-	288836-1
18-9	288481	5-14	288836-2
18-1	288486	4-3	288840-1
18-2	288494	4-	288840-2
2-12	288506	12-6	288846
4-15	288540	4-	288847-1
3-3	288544	4-	288851
3-4	288547	4-	288852
2-11	288557	5-9	288858-4
6-	288605	12-8	288861
4-	288686	1-22	288862
2-2	288691	1-21	288866
4-19	288691A	3-	288872
2-15	288692	7-18	288872
4-17	288692	6-	288875
2-16	288693	6-	288876
4-18	288693	3-10	288878
1-	288694	2-1	288879
1-	288694	3-2	288880
3-13	288694	2-13	288882
1-	288695	3-12	288884
1-	288695	9-10	288892-1
1-29	288696	4-21	288895
1-28	288697	6-	288896
1-	288698	2-5	288910
1-35	288703	14-7	288910
9-1	288709	6-14	288914
2-4	288722	1-10	288917-2
14-4	288722	1-11	288918-2
11-1	288723	6-5	288937
6-4	288745	6-6	288940
7-13	288771	1-	288967
7-12	288772	6-3	288992
7-11	288773	6-2	288993
6-	288791	6-1	288994
5-17	288806	5-2	288995
6-	288813	5-12	288999-1
5-10	288814-2	7-14	289004
6-8	288818-1	4-2	289012-1
5-6	288819-1	4-	289012-2
5-	288820	4-	289012-3
4-13	288824	4-	289012-4
11-4	288824	7-15	289014
4-14	288825	7-17	289015
17-6	288825	5-8	289017
9-7	288829	4-1	289019-1
9-12	288829	4-	289019-2
9-8	288832	6-7	289026

FIGURE ITEM NO.	HOBART PART NO.	FIGURE ITEM NO.	HOBART PART NO.
6-9	289059		
6-	289060		
6-13	289072		
6-12	289073		
8-10	400613-4		
5-15	400641-15		
5-16	400642-8		
12-4	400819-3		
9-6	401911-10		
1-9	4025987		
10-	402927-3		
3-11	403091-8		
3-	403127		
16-4	403782-2		
16-2	403809-1		
13-6	404154-16		
1-7	408665-1		
1-8	408665-2		
1-	408781-1		
18-	480290		
4-	480603-1		
4-	480603-1		
5-1	494134-1		
14-6	494295		
1-12	76B1148		
1-6	77A1157		
5-5	78A1117-2		
16-3	78B1118-2		
1-30	7J422-0		
18-10	85B-1039		
18-11	85C1004-1		