



**Aviation
Ground
Equipment Corp.**

HOBART®
GROUND POWER

Illustrated Parts List



Jet-Ex 5D Generator Sets Series 500286A

324 South Service Road, Unit 104 Melville NY 11747

TEL (631) 815-5520 • FAX (631) 815-5526

E-mail: sales@aviationgroundequip.com

Web: www.aviationgroundequip.com

Chapter 1. Illustrated Parts List

Section 1. Introduction

1. General

The Illustrated Parts List identifies, describes, and illustrates main assemblies, sub-assemblies, and detail parts of the Jet-Ex 5D Generator Sets manufactured by Hobart Brothers Company, Ground Power Division, Troy, Ohio 45373.

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 4 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 groups, 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 list 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) "HOBART 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. Parts manufactured by Hobart reflect no vendor code 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 shown in this column. Hobart modification to vendor items is also noted in this column.

(4) "EFF" (Effective) Column

This column is used to indicate the different models that use the part on that line. There are some parts may be used on only one, or a variety of models. A code letter "A", "B", etc., is placed in EFF column to indicate these parts. It can be cross referenced to the particular model it is used on. If a letter is not placed in that column, then all models use that part.

Parts coded "A" are useable on part number 500286A-001 only.

Parts coded "B" are useable on part number 500286A-002 only.

Parts coded "C" are useable on part number 500286A-003 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. Parts List

1. Explanation of Parts List Arrangement

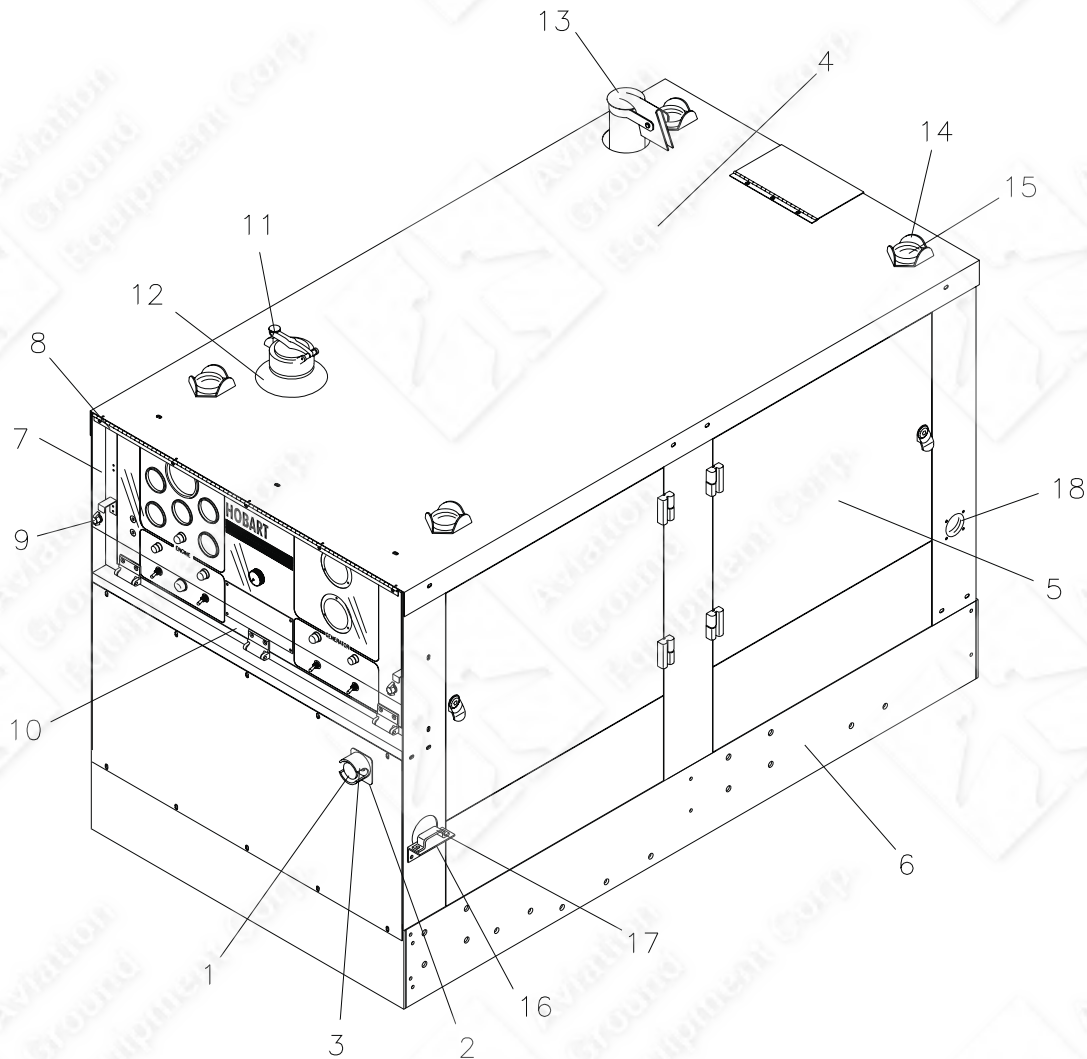
The parts list is arranged so that the illustration will appear on a left-hand page and the applicable parts list will appear on the opposite right-hand page. Unless the list is unusually long, the user will be able to look at the illustration and read the parts list without turning a page.

2. Symbols and Abbreviations

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

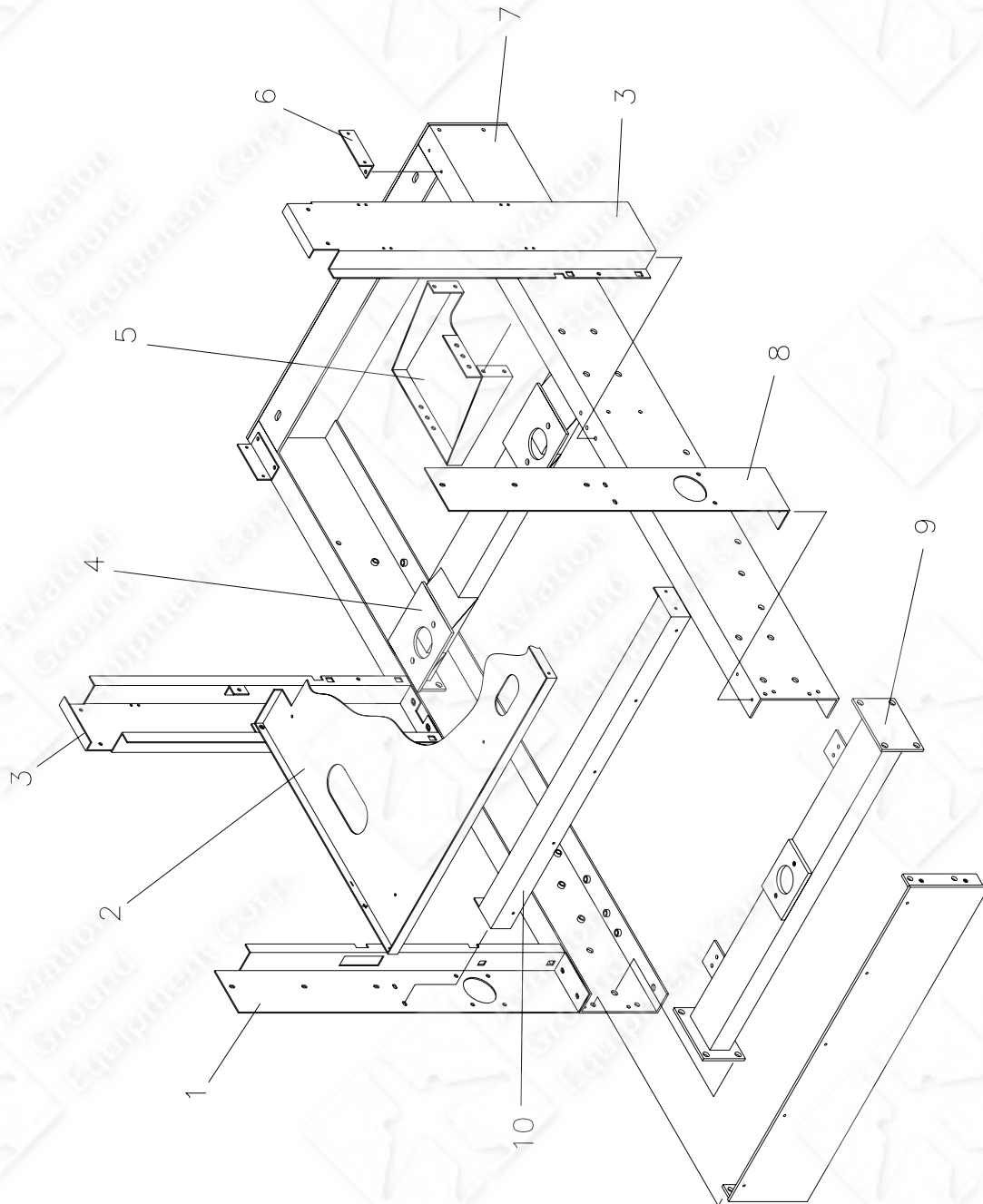
- * - item not illustrated
- A, or AMP** - ampere
- AC** - alternating current
- AR** - as required
- DC** - direct current
- Fig.** - Figure
- hd.** - head
- hex** - hexagon
- Hz** - Hertz (cycles-per-second)
- I.D.** - inside diameter
- IN** - inch
- kVA** - kilovolt-ampere
- uF** - microfarad
- No.** - number
- OM** - Owners Manual
- PRV** - peak reverse voltage
- PSI** - pounds per square inch
- Ref** - reference (the item has been listed previously)
- TM** - Technical Manual
- v** - volt (when used as a prefix to a five-digit number, indicates vendor code)

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



**Generator Set Assembly
(Stationary Frame Shown)
Figure 1**

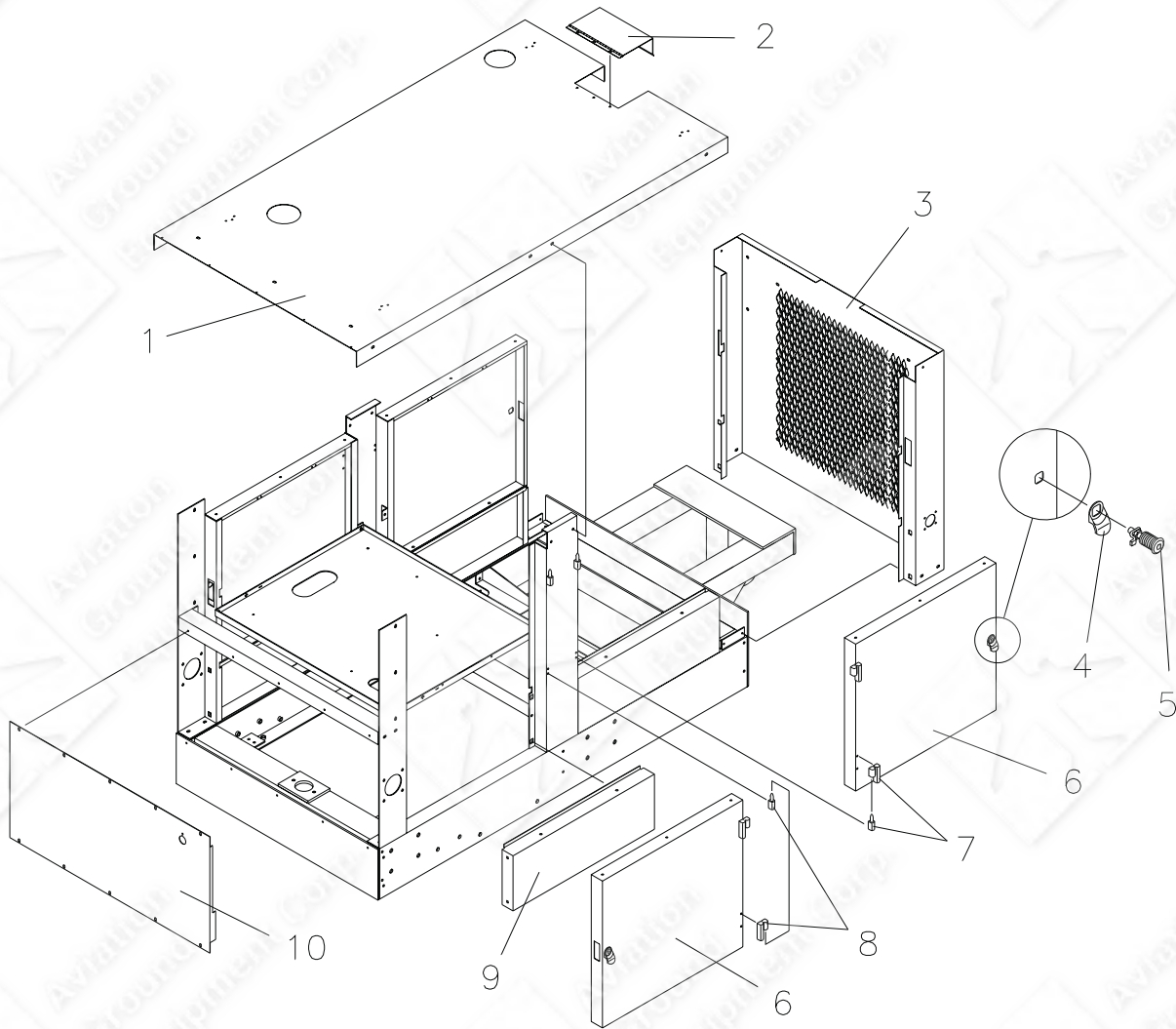
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE						EFF	QTY
			1	2	3	4	5	6		
1-	500286A-001		GENERATOR SET W/TRAILER & CABLE TRAYS						A	REF
	500286A-002		GENERATOR SET W/STATIONARY MOUNT						B	REF
	500286A-003		GENERATOR SET WITH SPECIAL OPTIONS						C	REF
1-1	77A1157		. SWITCH, EMERGENCY STOP (V14799 #KR-9R-H6)							1
1-2	285681		. EMERGENCY STOP LEGEND PLATE							1
1-3	285125		. EMERGENCY STOP GUARD (V14799 #K56YM)							1
1-4	No Number		. CANOPY COMPONENTS (See Fig. 3)							REF
1-5	No Number		. GEN. SET INTERIOR COMPONENTS (See Fig. 4)							REF
1-6	No Number		. MOUNTING FRAME ASSEMBLY (See Fig. 2)							REF
1-7	288021		. CONTROLS COVER							1
1-8	288022		. CONTROLS COVER HINGE							1
1-9	288023		. WING KNOB LATCH							2
*	288020		. LATCH BRACKET							2
1-10	288007-002		. CONTROL BOX ASSEMBLY (See Fig. 5)							1
1-11	282562		. CAP, FUEL (V49234 #1275G/12T)							1
1-12	79A1127-002		. FILLER NECK GUARD							1
1-13	288060-001		. EXHAUST RAIN CAP							1
1-14	282732-001		. CLEARANCE MARKER LIGHT							4
1-15	286847		. GUARD, CLEARANCE LIGHT							4
1-16	488640		. OUTPUT CABLE BRACKET							1
1-17	7J422-000		. OUTPUT CABLE CLAMP							1
1-18	403091-008		. PLASTIC HOLE PLUG							1
*	287698-001		. OUTPUT CABLE COVER							1
*	1-20	402987	. NAMEPLATE, HOBART							2
*	1-21	78A1000	. NAMEPLATE, ID							1
*	1-22	79A1110	. NAMEPLATE, OPTION							1
*	1-23	283533	. LABEL, SUPPORT CENTERS							1
*	1-24	81B1084	. LABEL, 28 VOLTS							1
*	1-25	405309	. LABEL, LUBE OIL FILTER							1
*	1-26	407366	. LABEL, CAUTION - INSUFFICIENT COOLING							1
*	1-27	76B1148	. LABEL, DIESEL FUEL							1
*	1-28	282658	. LABEL, CLEARANCE							1
*	1-29	401842	. TAG, ATTENTION - ENGINE COOLANT							1
*	1-30	40201	. TAPE, SEALANT, NEOPRENE							612"
*	1-31	287459	. LABEL, GENERAL INFORMATION							1
*	1-32	287460	. LABEL, DANGER HIGH VOLTAGE							2
*	1-33	287461	. LABEL, FUEL WARNING							1
*	1-34	287462	. LABEL, ENGINE COOLANT							1
*	1-35	287463	. LABEL, HOT MUFFLER							1
*	1-36	287464	. LABEL, FAN AND MOVING PARTS							2
*	1-37	287466	. LABEL, EMERGENCY STOP							1
*	1-38	408665-001	. REFLECTOR, RED						A,C	8
*		408665-001	. REFLECTOR, RED						B	4
*	1-39	408665-002	. REFLECTOR, AMBER						A,C	16
*		408665-002	. REFLECTOR, AMBER						B	12



**Mounting Frame Assembly
(Stationary Frame Shown)
Figure 2**

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
2-	No Number		MOUNTING FRAME ASSEMBLY							REF	
2- 1	287971		.	CONTROL PANEL SUPPORT, LEFT							1
2- 2	288177		.	FUEL TANK SUPPORT							1
2- 3	287972		.	DOOR SUPPORT PANEL							2
*	288064-004		.	DOOR SUPPORT INSULATION							2
2- 4	288173		.	ENGINE SUPPORT							1
2- 5	287984		.	BATTERY TRAY							1
2- 6	287998		.	FRONT PANEL BRACKET							2
2- 7	287950		.	STATIONARY MOUNTING FRAME					B		1
*	489689		.	STATIONARY MOUNTING KIT					B		1
*	288340		.	TRAILER/FRAME ASSEMBLY (SEE FIG. 16)				A,C			1
2- 8	287970		.	CONTROL PANEL SUPPORT, RIGHT							1
2- 9	287955		.	GENERATOR SUPPORT							1
2-10	287986		.	CONTROL PANEL SUPPORT							1

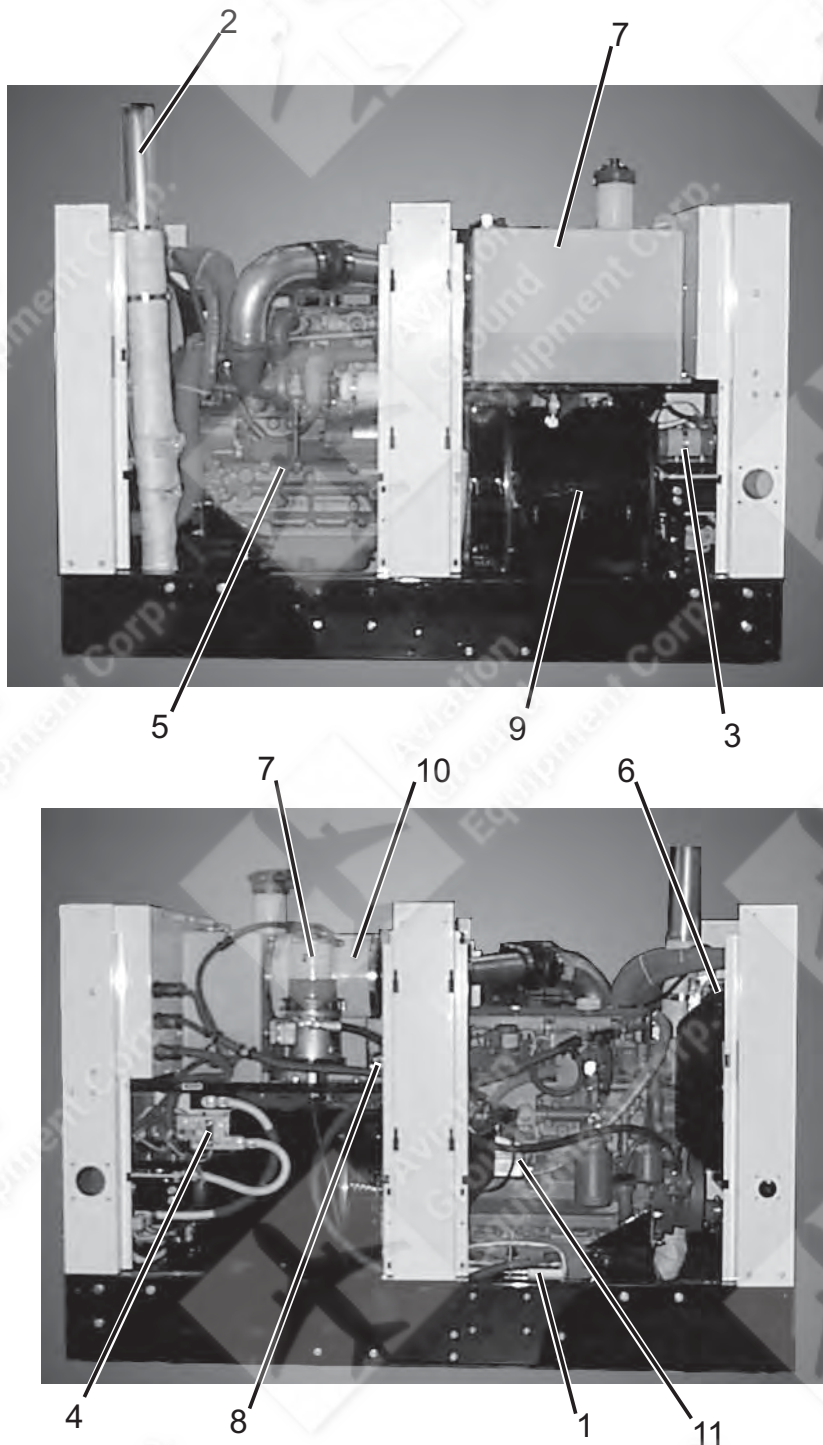
* Not Illustrated



Canopy Components
Figure 3

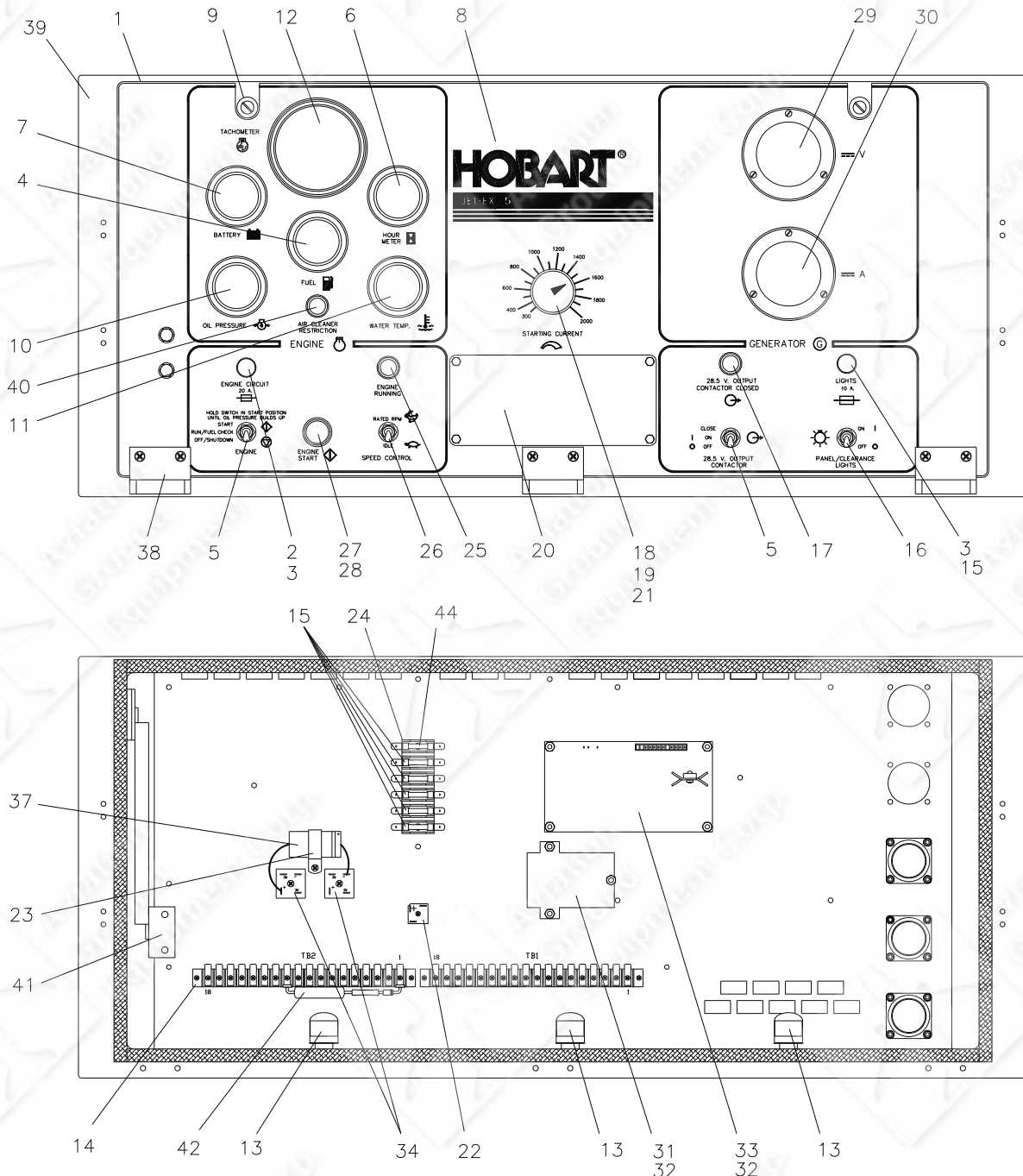
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
3-	No Number		CANOPY COMPONENTS							REF	
* 3- 1	287981		.	TOP CANOPY							1
* 3- 1	288064-003		.	TOP CANOPY INSULATION							1
* 3- 1	288064-005		.	TOP CANOPY INSULATION							1
3- 2	287999		.	RADIATOR CAP ACCESS DOOR							1
3- 3	288352		.	FRONT PANEL							1
* 3- 4	287542-001		.	DOOR LATCH					A,B		4
* 3- 4	287542-002		.	DOOR LATCH					C		4
3- 5	287526-002		.	DOOR LATCH PULL					A,B		4
* 3- 6	287978		.	ACCESS DOOR							4
* 3- 6	288064-001		.	DOOR INSULATION							4
3- 7	283824		.	RIGHT HAND HINGE							4
3- 8	283597		.	LEFT HAND HINGE							4
3- 9	287977		.	SIDE PANEL							4
* 3- 9	288064-002		.	SIDE PANEL INSULATION							4
* 3- 9	287785		.	PANEL FASTENER							16
3-10	287987		.	LOWER REAR PANEL							1

* Not Illustrated



**Generator Interior Components
(Stationary Frame Shown)
Figure 4**

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
4-	No Number		GENERATOR SET INTERIOR COMPONENTS								REF
4- 1	No Number		. BATTERY COMPONENTS (See Fig. 6)								REF
4- 2	No Number		. MUFFLER COMPONENTS (See Fig. 7)								REF
4- 3	288306		. RECTIFIER ASSEMBLY (See Fig. 8)								1
4- 4	No Number		. CONTACTOR COMPONENTS (See Fig. 9)								REF
4- 5	No Number		. ENGINE COMPONENTS (See Fig. 10)								REF
4- 6	No Number		. COOLING SYSTEM (See Fig. 11)								REF
4- 7	No Number		. FUEL SYSTEM COMPONENTS (See Fig. 12)								REF
4- 8	No Number		. THROTTLE CONTROL COMPONENTS (See Fig. 10)								REF
4- 9	287556		. GENERATOR ASSEMBLY (See Fig. 13)								1
4- 10	No Number		. AIR CLEANER COMPONENTS (See Fig. 15)								REF
4- 11	No Number		. BLOCK HEATER COMPONENTS (See Fig. 17) C								REF
* NOT ILLUSTRATED											



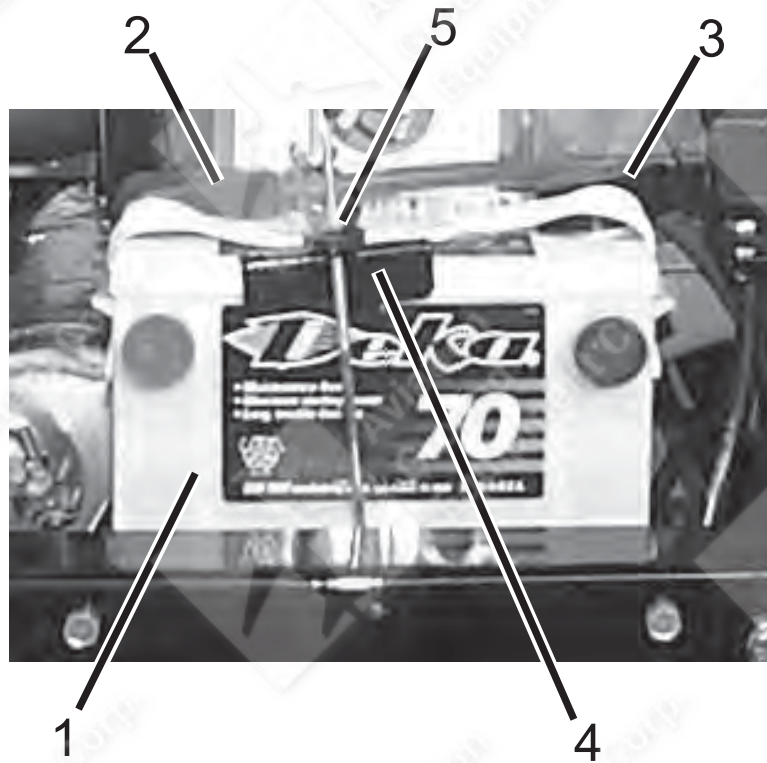
Control Box Assembly
Figure 5

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF QTY
			1	2	3	4	5	6	7	
5-	288007-002		CONTROL PANEL ASSY							1
5- 1	288369		. PANEL, CONTROL							1
5- 2	W11166-001		. FUSE, 20A, V71400							1
5- 3	402658		. HOLDER, FUSE (V71400 #TYPE)							2
5- 4	494134-001		. GAUGE, FUEL, ELECTRIC, 12V (V16476 #06339-01)							1
5- 5	403189		. SWITCH, TOGGLE (V91929 #312TS1-59)							2
5- 6	78A1120-001		. GAUGE, HOUR METER (V16476 #56288)							1
5- 7	286699-001		. VOLTMETER, BATTERY (V16476 #06351-001)							1
5- 8	286864		. LABEL, CONTROL PANEL							1
5- 9	288368-001		. COMPRESSION LATCH							2
5-10	286937-001		. GAUGE, OIL PRESSURE (V16476 #06340)							1
5-11	286936-001		. GAUGE, WATER TEMP., (V16476 #06343)							1
5-12	408596-001		. TACHOMETER (V16476 #71076-00)							1
5-13	30GH1262		. LIGHT, PANEL, SOCKET							3
*	50GHP206		. PANEL LIGHT LAMP							3
*	288018		. PANEL LIGHT BRACKET							3
5-14	401937-004		. BLOCK, TERMINAL, 20A. (V83330 #699-18KT50)							2
5-15	W11166-003		. FUSE, 10A.							6
5-16	402662		. SWITCH, TOGGLE, DPST, (V74559 #2GK71-73)							1
5-17	180913-002		. LIGHT, PILOT, GREEN, 28V. ASSEMBLY							1
*	180914		. . BASE, LIGHT (V83330 #26-5710-11-301)							1
*	404172-003		. . LENS, GREEN (V83330 #26-1192-300)							1
*	400613-003		. . BULB							1
5-18	16DA2162		. KNOB, RHEOSTAT, (V44655 #5150)							1
5-19	401428-001		. POTENTIOMETER, 10K OHM, 2W. (V44655 #CMU-1031)							1
5-20	286923		. COVER, 14V OPTION							1
5-21	402663		. NUT, POTENTIOMETER, LOCK							1
5-22	407948		. RECTIFIER, ISOLATED BASE (V14552 #CT 106)							1
5-23	W10051-014		. CLAMP, WIRE, PLASTIC							1
5-24	405129-001		. BLOCK, FUSE (V71400 #S8202-6)							1
5-25	180913-001		. LIGHT, PILOT, ENGINE, GREEN, 12V. ASSY.							1
*	180914		. . BASE, LIGHT (V83330 #26-5710-11-301)							1
*	404172-003		. . LENS, GREEN (V83330 #26-1192-300)							1
*	400613-004		. . BULB							1
5-26	402682		. SWITCH, TOGGLE, 3 PDT (V74559, HLA-211-73)							1
5-27	30GH1119		. SWITCH, PUSHBUTTON (V13445 #9095-09)							1
5-28	406815		. BOOT, PUSHBUTTON SWITCH (V13445 #83280)							1
5-29	400642-003		. VOLTMETER, DC (V74542)							1
5-30	400641-012		. AMMETER (V74542)							1
5-31	180289		. BOARD, PC, OVERVOLTAGE, ASSY.							1
5-32	84A1075		. MOUNT, RUBBER (V5P059 #51083)							7
5-33	181022A-005		. BOARD, PC, REGULATOR							1
	287683		. BOARD, PC, REGULATOR (FOR REPLACEMENT/SUPPLY ONLY)							1

This page intentionally left blank.

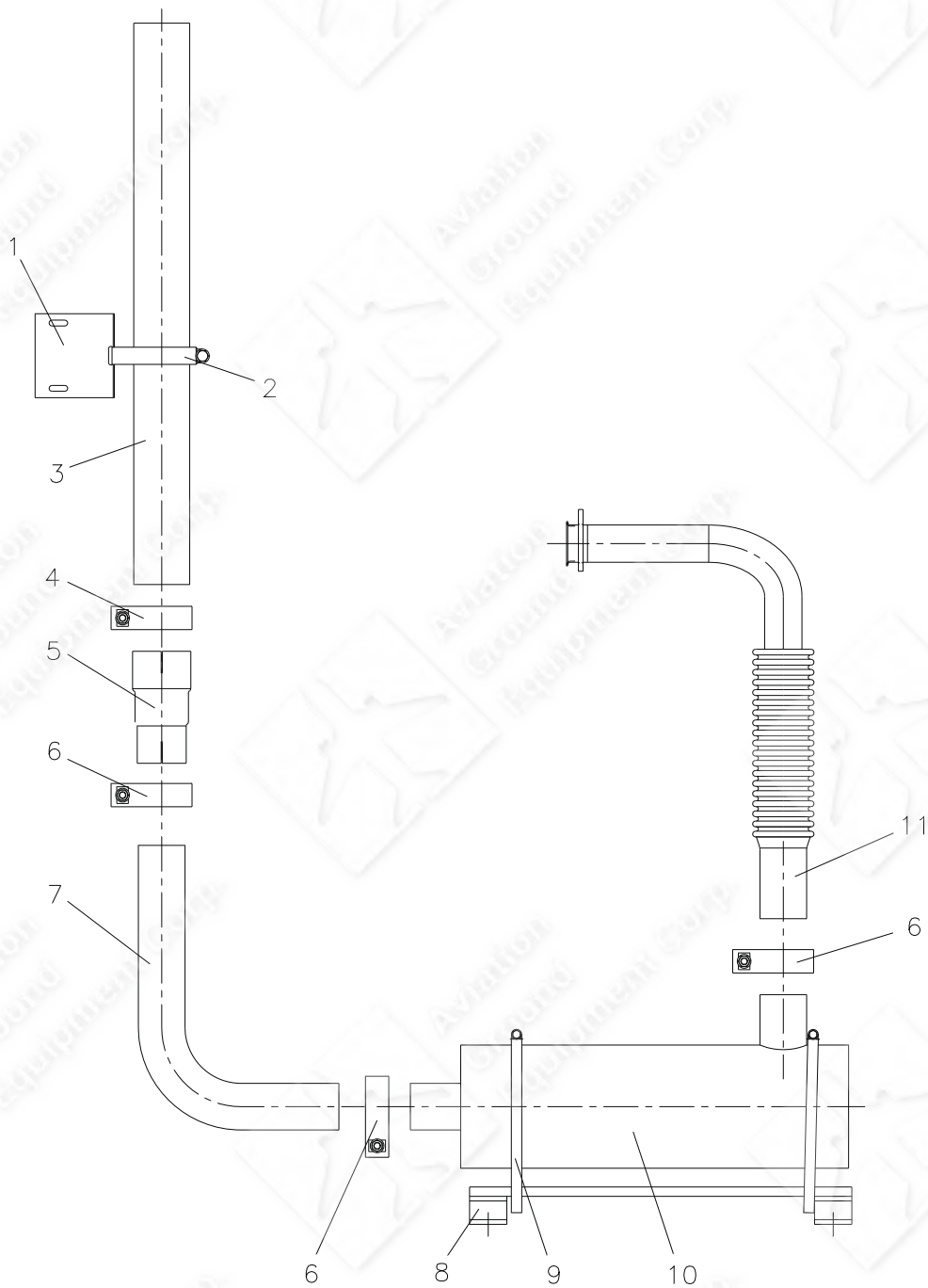
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF QTY
			1	2	3	4	5	6	7	
5-	288007-002		CONTROL BOX ASSY (continued)							REF
	5-34	404065-002	.	RECTIFIER, SILICON (V04713 #5DA-10270-2)						2
*	5-35	W10051-010	.	CLAMP, WIRE, PLASTIC (V28520 #3334)						2
*	5-36	288012	.	WIRE HARNESS						1
	5-37	180593-003	.	CAPACITOR ASSEMBLY, 100MFD, 350VDC						1
	5-38	288016	.	HINGE, PANEL MOUNTING						3
	5-39	287988	.	CONTROL BOX ENCLOSURE						1
	5-40	180913-004	.	RED PILOT LIGHT						1
	5-41	288017	.	ARM, TELESCOPIC STAY						1
	5-42	287621	.	RESISTOR AND DIODE ASSEMBLY						1
*	5-43	286611	.	LABEL, BLANK						2
	5-44	288019-004	.	FUSE, 20A						1
*	5-45	W10051-012	.	CLAMP, WIRE, PLASTIC						1
*	5-46	410539	.	TERMINAL, FEMALE, 90 DEG.						6
*	5-47	401923-003	.	CONNECTOR						2

* Not Illustrated



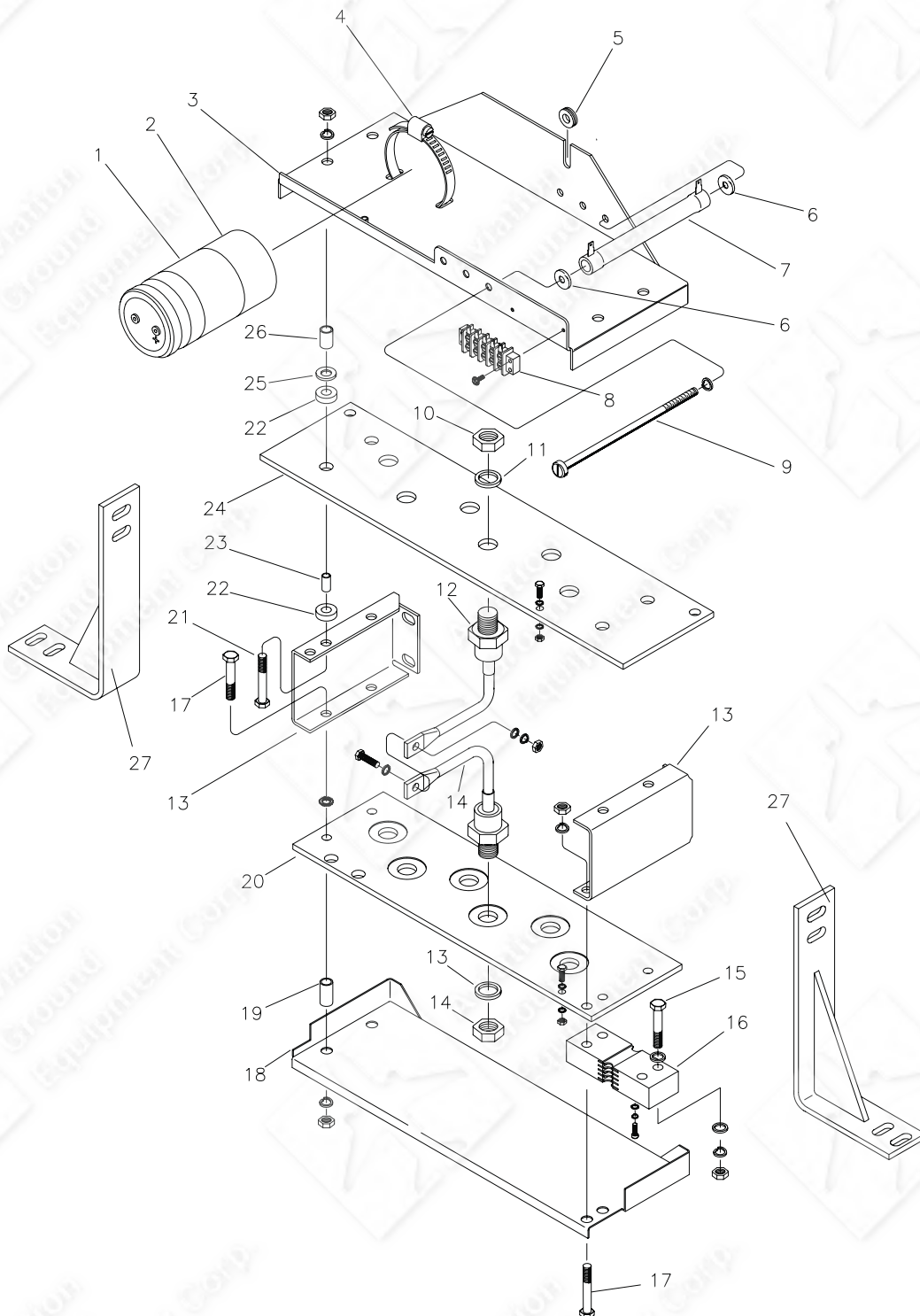
Battery Components
Figure 6

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
6-	No Number		BATTERY COMPONENTS							REF	
6- 1	281881-001		. BATTERY, 12 V. (V04055 #724 DT)								1
6- 2	287775		. BATTERY CABLE, POSITIVE, ASSY.								1
6- 3	287776		. BATTERY CABLE, NEGATIVE, .								1
6- 4	287796		. BATTERY HOLD DOWN								1
6- 5	494295		. BATTERY HOLD DOWN BOLT								1



Muffler Components
Figure 7

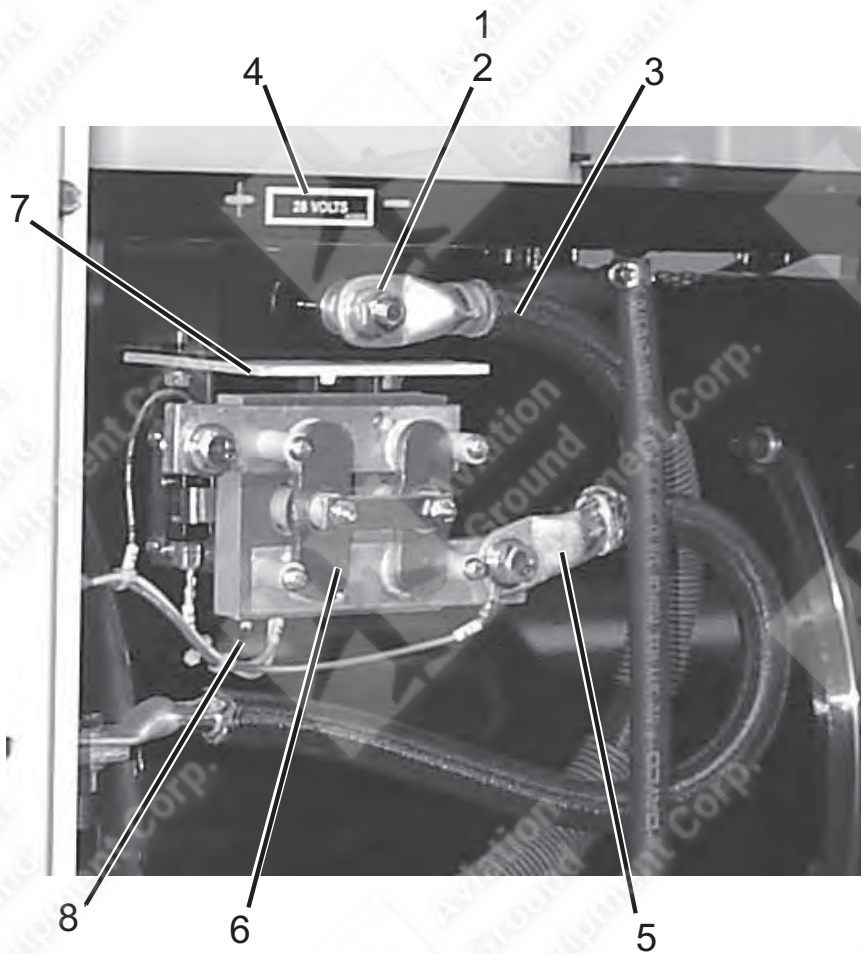
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
7-	No Number		MUFFLER AND EXHAUST COMPONENTS							REF	
7- 1	288194		.	EXHAUST PIPE BRACKET							1
7- 2	W10869-006		.	CLAMP, PIPE							1
7- 3	288055-002		.	3" EXHAUST TUBING							1
7- 4	288052-002		.	ACCUSEAL CLAMP, 3"							1
7- 5	288050-001		.	PIPE ADAPTER, 2-1/2" - 3"							1
7- 6	288052-001		.	ACCUSEAL CLAMP, 2-1/2"							3
7- 7	288204		.	PIPE, ELBOW							1
7- 8	288205		.	MUFFLER SUPPORT							1
7- 9	288059-001		.	CLAMP, HOSE, STAINLESS							2
7- 10	288044-001		.	MUFFLER							1
7- 11	288198		.	TURBO EXHAUST PIPE							1



**Rectifier Assembly
Figure 8**

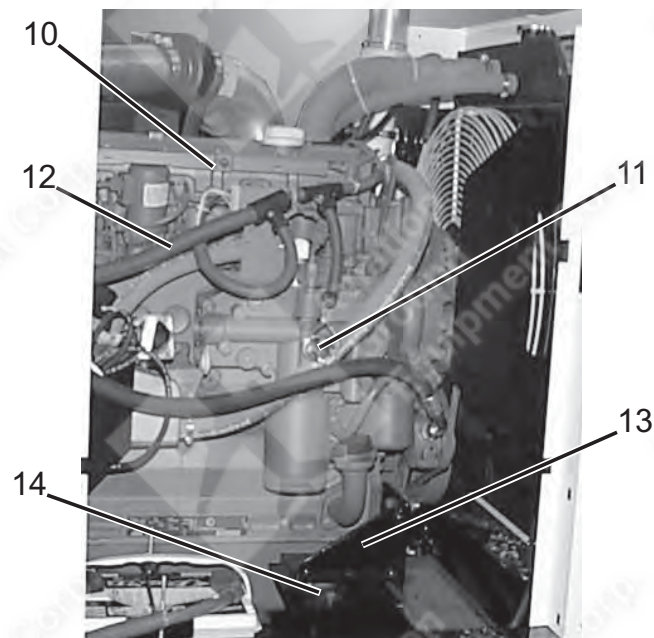
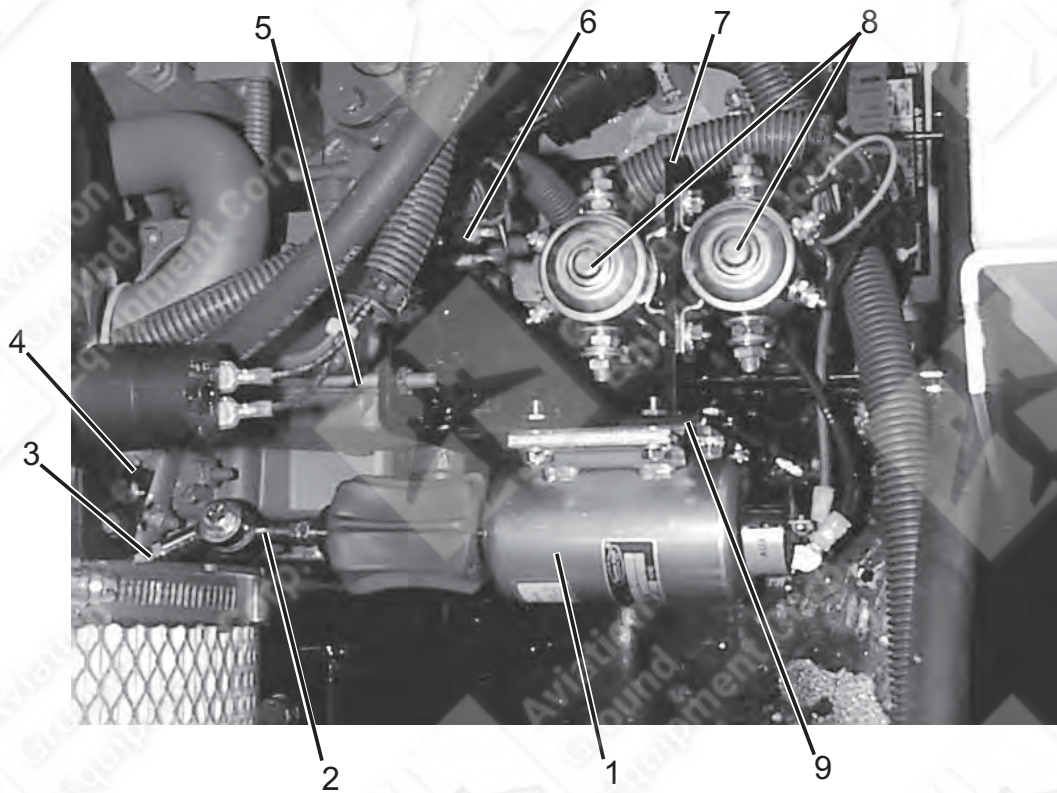
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF QTY
			1	2	3	4	5	6	7	
8 -	288306		RECTIFIER ASSEMBLY							1
8 - 1	287184-003		. INSULATOR, CAPACITOR							1
8 - 2	405278-006		. CAPACITOR, 90000MFD, 75							1
8 - 3	286887		. SHROUD, AIR, TOP, RECTIFIER							1
8 - 4	W10869-006		. CLAMP, CAPACITOR							1
8 - 5	402037-004		. GROMMET, RUBBER (V02231 #)							1
8 - 6	16DA3493		. WASHER, INSULATING							6
8 - 7	288380-001		. RESISTOR, 10OHM, 100 WATT (V44655 #61917)							3
8 - 8	401911-005		. BLOCK, TERMINAL, 5 STATION							1
8 - 9	W11114-012		. SCREW, 1/4-20 X 7-1/4							3
8 -10	W11280-015		. NUT, JAM, HEX, 3/4-16							12
8 -11	494681-001		. WASHER, SPRING							12
8 -12	W10931-003		. RECTIFIER, POS., BASE (V59993 #300U30A)							6
8 -13	286884		. BRACKET, ., HEAT SINK							2
8 -14	W10933-003		. RECTIFIER, NEG. BASE (V59993 #300UR30A)							6
8 -15	W11097-007		. SCREW, HHC, 3/8-16 x 2"							1
8 -16	180065		. SHUNT, 2000 AMP							1
8 -17	W11097-007		. SCREW, ., 3/8-16 x 2"							5
8 -18	285647		. SHROUD, AIR, BOTTOM, RECTIFIER							1
8 -19	180600		. SPACER, SHROUD							3
8 -20	282239		. HEAT SINK, RECTIFIER, NEGATIVE							1
8 -21	W11097-022		. SCREW, ., 3/8-16 x 2-1/2"							4
8 -22	A25		. WASHER, INSULATING							8
8 -23	AW626		. BUSHING, INSULATING (V5E599 # #E48013(M))							4
8 -24	286813		. HEAT SINK, RECTIFIER, POSITIVE							1
8 -25	W11242-018		. WASHER, FLAT, 3/8							8
8 -26	283063		. SPACER, RECTIFIER							4
8 -27	288008		. RECTIFIER MOUNTING BRACKET							2
* 8 -28	DELETED									
* 8 -29	288015		. RECTIFIER WIRE HARNESS							1

* Not Illustrated



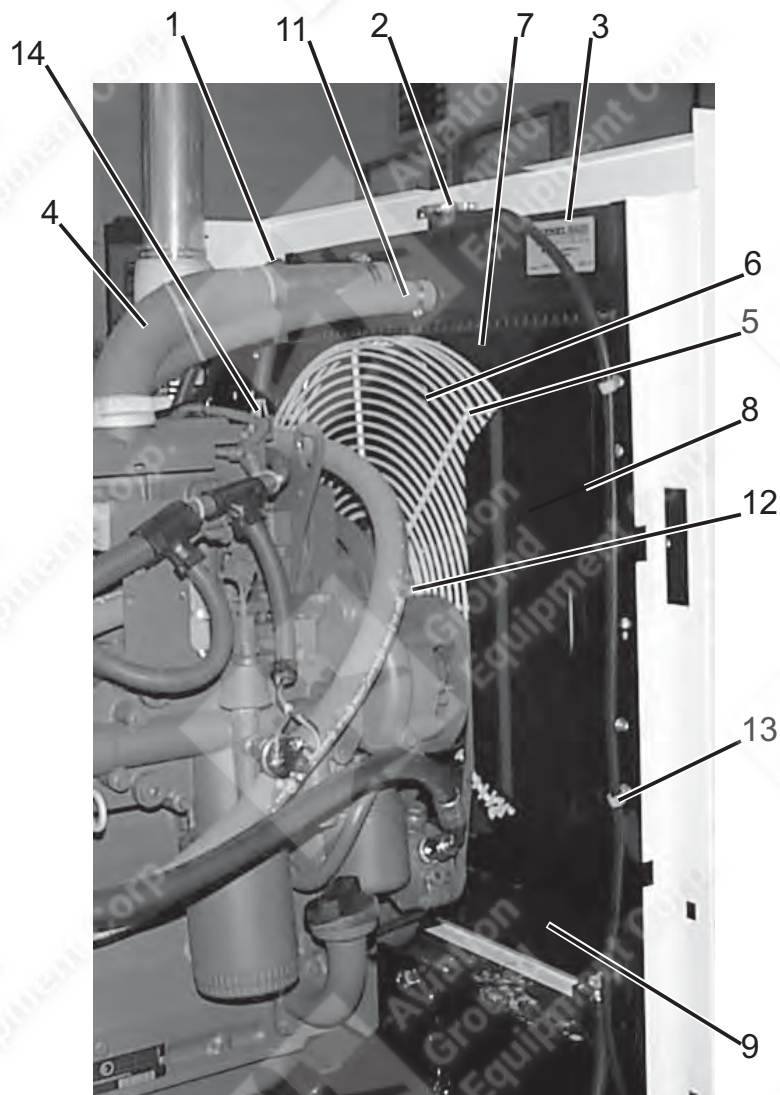
Contactors Components
Figure 9

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
9 -	No Number		CONTACTOR COMPONENTS							REF	
9 - 1	A25		.	WASHER, INSULATING							2
9 - 2	AW626		.	BUSHING, INSULATING (V5E599 #UL#E48013(M))							1
9 - 3	W9218-227		.	CABLE, OUTPUT, NEGATIVE							1
9 - 4	400435		.	LABEL, 28 VOLTS							1
9 - 5	W9218-251		.	CABLE, OUTPUT, POSITIVE							1
9 - 6	286810-001		.	CONTACTOR, DC, 800 AMP (V01XD4 #CT800A-24C2)							1
9 - 7	286849		.	INSULATOR, CONTACT							1
9 - 8	489658-010		.	DIODE ASSEMBLY							1



**Engine and Throttle
Control Components
Figure 10**

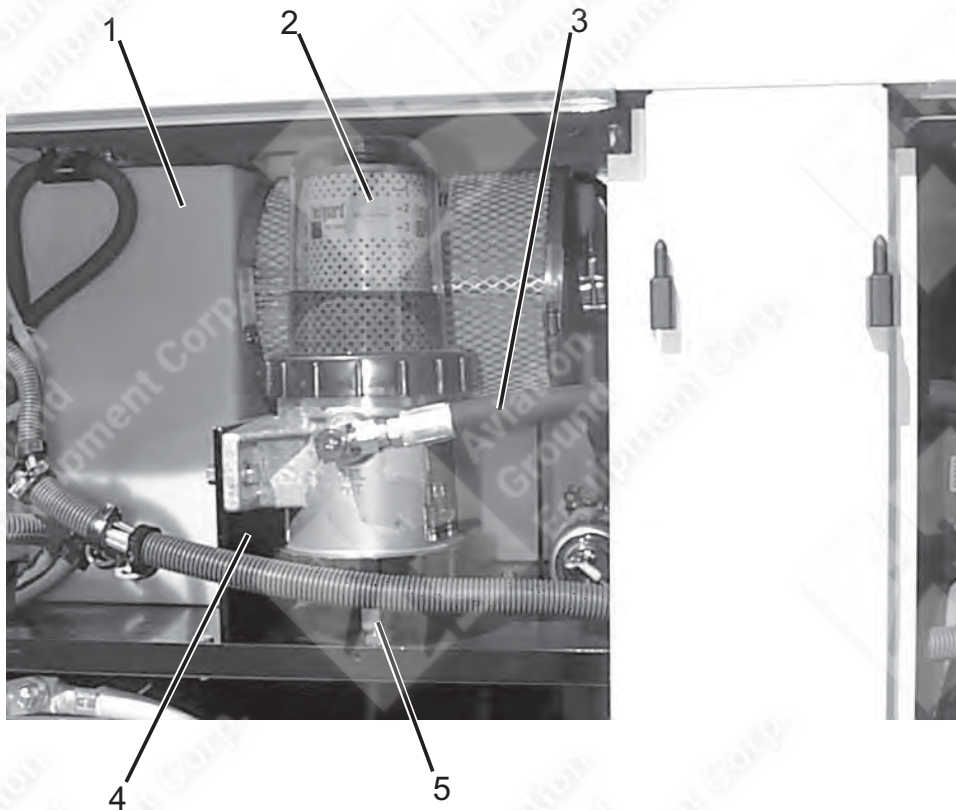
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF QTY
			1	2	3	4	5	6	7	
10-	No Number		ENGINE AND THROTTLE CONTROL COMPONENTS							REF
10- 1	288045-001		.	FULL THROTTLE SOLENOID						1
10- 2	288215-001		.	ROD END BEARING						3
10- 3	288221-001		.	THREADED ROD						1
10- 4	288222		.	THROTTLE LEVER BRACKET						1
10- 5	287717-002		.	THREADED ROD						1
*	281776		.	ROD END BEARING						1
10- 6	407948		.	STARTER SOLENOID RECTIFIER						1
10- 7	288208		.	SOLENOID MOUNTING BRACKET						1
10- 8	286850		.	STARTER CUT-OUT SOLENOID						2
*	489658-007		.	FLYBACK DIODE ASSEMBLY						2
10- 9	288190		.	THROTTLE SOLENOID MOUNTING BRACKET						1
10-10	288200		.	ENGINE, DEUTZ, MODEL 1012E						1
10-11	403809-002		.	OIL PRESSURE SWITCH						1
*	287419		.	M10 X 1/8 NPTF ADAPTER						1
10-12	288176		.	ENGINE HARNESS ASSEMBLY						1
10-13	288174		.	ENGINE MOUNTING BRACKET, RIGHT						1
*	288175		.	ENGINE MOUNTING BRACKET, LEFT						1
10-14	284372-001		.	ENGINE SHOCK MOUNT						2
10-15	287735		.	GROUND PLATE						1
10-16	W9407-446		.	GROUND CABLE						1
* NOT ILLUSTRATED										



Cooling System Components
Figure 10

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
11-	No Number		COOLING SYSTEM COMPONENTS							REF	
11-1	056534		.	DEAERATION HOSE						15"	
*	W7814-000		.	1/8 X 1/4 PIPE BUSHING						1	
*	402927-003		.	MALE CONNECTOR						2	
*	W10869-014		.	HOSE CLAMP						2	
11-2	287333-001		.	10 LB. RADIATOR CAP						1	
11-3	288181		.	PRESSURIZED RADIATOR						1	
*	283873		.	DRAIN VALVE						1	
11-4	288178-001		.	TOP RADIATOR HOSE						1	
*	W10869-003		.	HOSE CLAMP						2	
11-5	288184		.	FAN GUARD						1	
11-6	288001		.	20" ENGINE FAN						1	
11-7	288192		.	TOP FAN SHROUD						1	
11-8	287373		.	BELT AND PULLEY GUARD						1	
11-9	288193		.	BOTTOM FAN SHROUD						1	
* 11-10	288179-001		.	BOTTOM RADIATOR HOSE						1	
*	W10869-003		.	HOSE CLAMP						2	
11-11	288203		.	HOSE, FILL LINE, 7/8 I.D.						C	36"
	058521		.	HOSE, FILL LINE, 7/8 I.D.						A,B	36"
	W10869-002		.	HOSE CLAMP						2	
11-12	288206		.	FAN SPACER						1	
11-13	W10051-007		.	PLASTIC CLAMP						2	
11-14	403782-002		.	WATER TEMPERATURE SWITCH						1	
*	288191		.	ADAPTER						1	

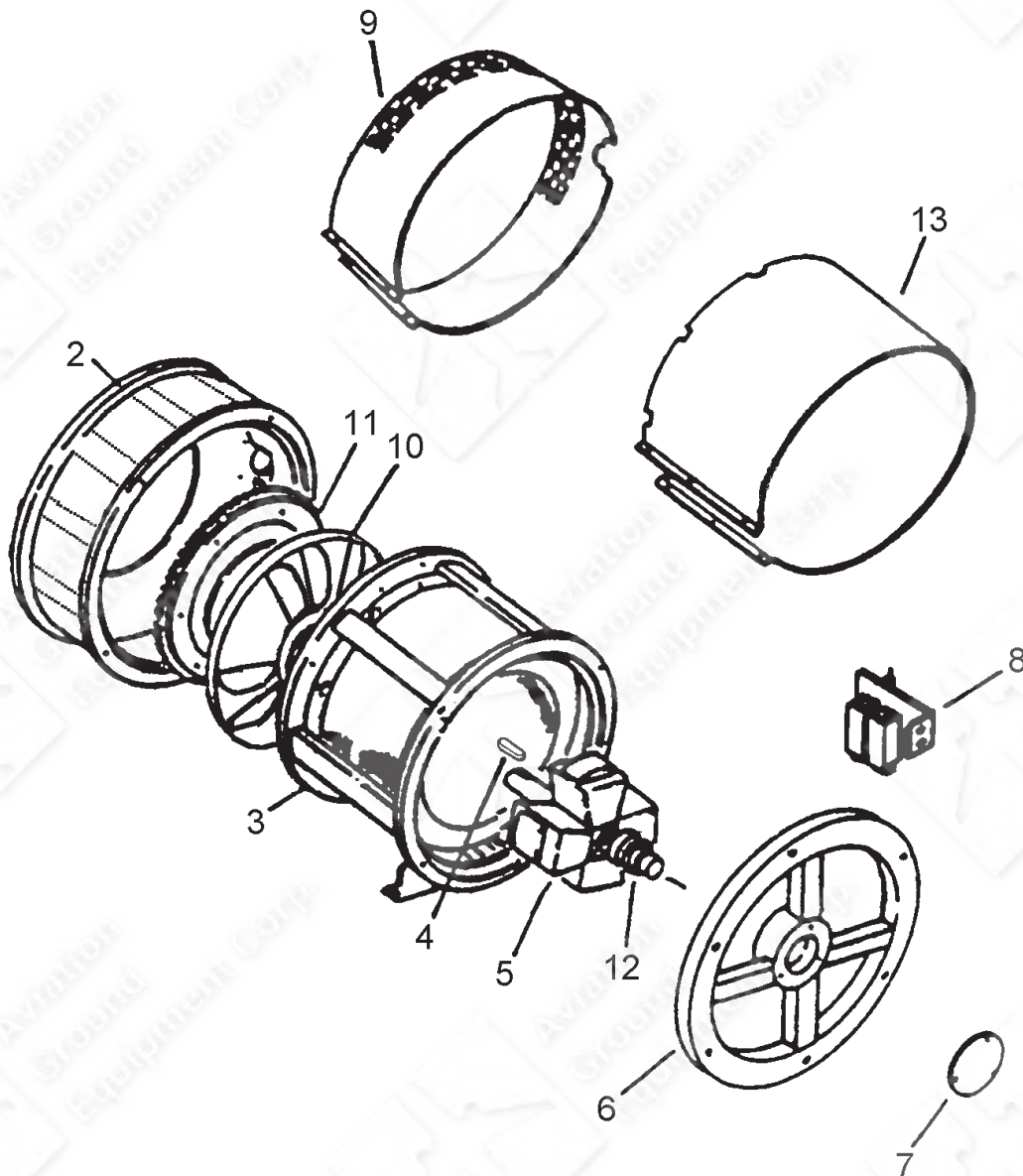
* Not Illustrated



Fuel System Components
Figure 12

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
12-	No Number		FUEL SYSTEM COMPONENTS							REF	
*	12-1	282299	.	FUEL TANK ASSEMBLY							1
		284203	.	FUEL TANK MOUNTING PLATE							5
	12-2	288188	.	FUEL WATER SEPARATOR						C	1
	12-3	288186	.	FUEL LINE, FILTER TO ENGINE							1
*		288185	.	FUEL LINE, TANK TO FILTER							1
	12-4	288189	.	FUEL FILTER BRACKET							1
	12-5	286851	.	BARBED HOSE FITTING							1
*		056544	.	DRAIN HOSE							30"
*	12-6	056535	.	HOSE, FUEL RETURN							37"
*		288187	.	ELBOW FITTING, FUEL RETURN							1

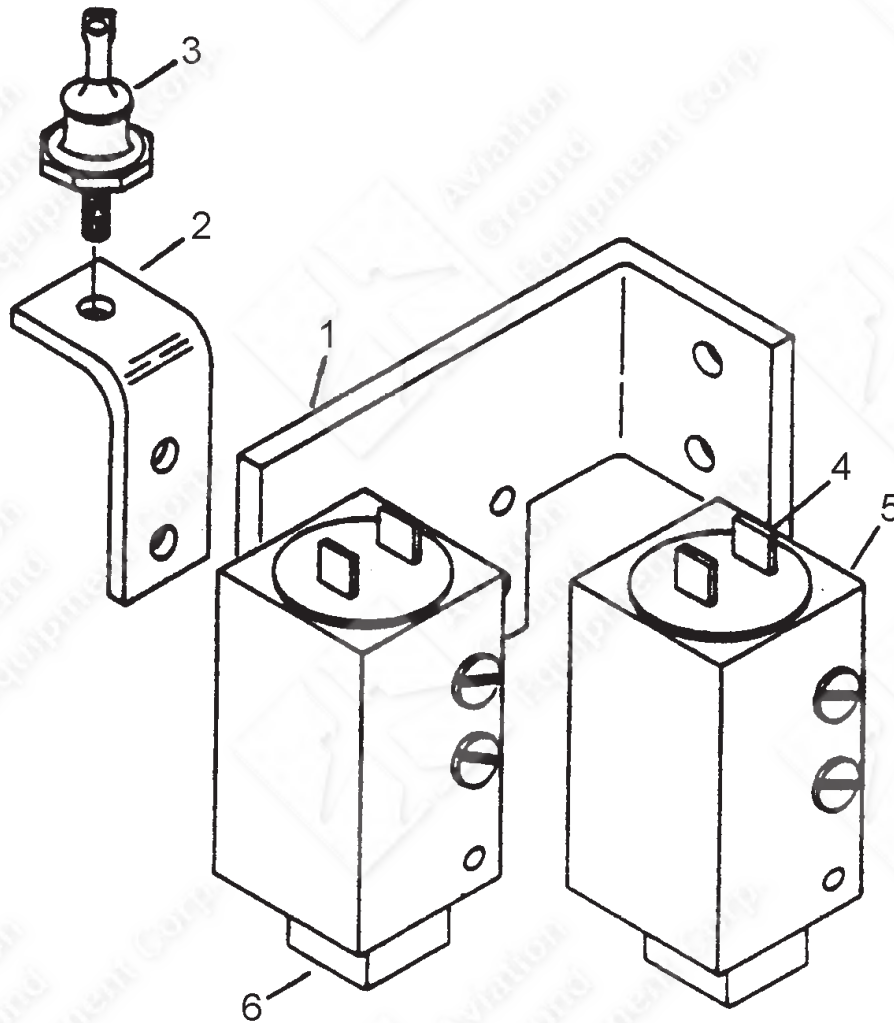
* Not Illustrated



**Generator Assembly
Figure 13**

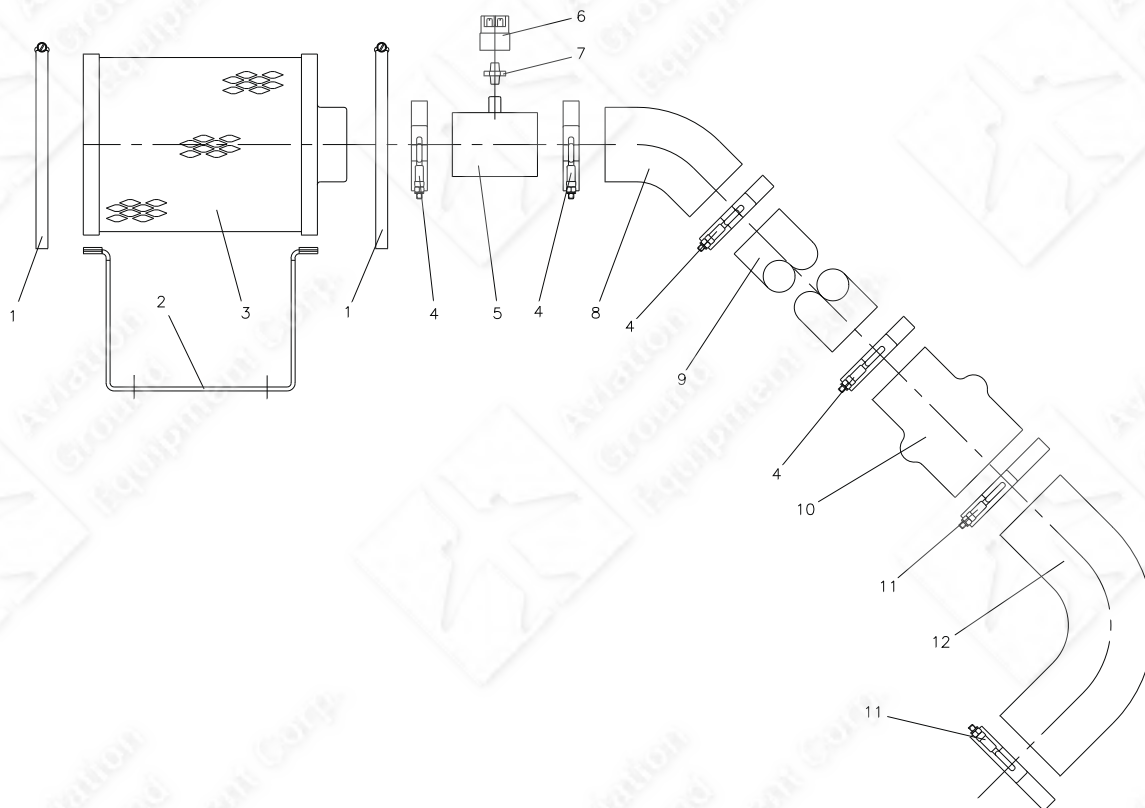
			NOMENCLATURE									
FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	1	2	3	4	5	6	7	EFF	QTY	
13-	287556		GENERATOR, ASSY.								1	
	288210		SPARE GENERATOR ASSEMBLY FOR REPLACEMENT ONLY								REF	
*	13- 1	284371-004	.	SHOCK MOUNT							1	
	13- 2	287564	.	FAN HOUSING							1	
	13- 3	488557-008	.	HOUSING & STATOR ASSY.							1	
	13- 4	489135	.	KEY, COUPLING							1	
	13- 5	180776	.	ARMATURE, .							1	
	13- 6	488555-001	.	HOUSING, BEARING ASSY.							1	
	13- 7	287401	.	CAP, BEARING							1	
	13- 8	488784	.	BRUSHHOLDER ASSY. (For Details See Fig. 14)							1	
	13- 9	288003	.	COVER, FLYWHEEL HOUSING							1	
	13-10	489125	.	FAN AND COUPLING ASSEMBLY							1	
*		402789-004	.	.	SCREW, CAP, , 3/8-24 X 3/4, NYLOK							6
*		W11254-005	.	.	WASHER, LOCK, STD., 3/8							6
*		85C1004-002	.	.	BUSHING, SPLIT TAPER							1
	13-11	No Number	.	FLYWHEEL - (Supplied w/Engine)							REF	
	13-12	354592	.	RING, SLIP							2	
	13-13	281688	.	COVER, GENERATOR HOUSING							1	
*	13-16	W10072-063	.	BEARING (V23803 #6207LLUC3)							1	
*	13-17	287956	.	GENERATOR SUPPORT BRACKET (REAR)							1	

* Not Illustrated



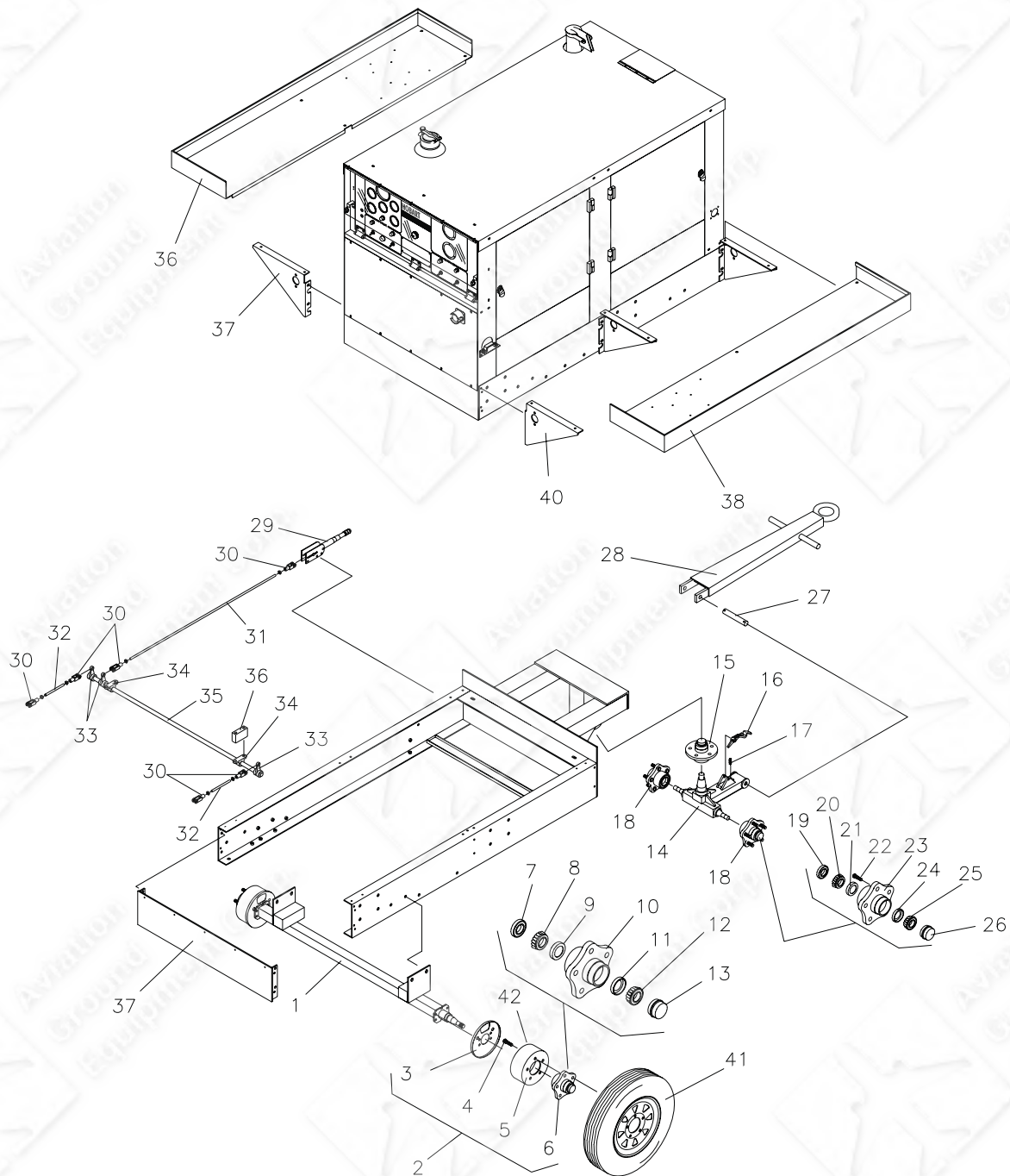
Brushholder Assembly
Figure 14

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
14 -	488784		BRUSH HOLDER ASSEMBLY							REF	
14- 1	488562		.	BRACKET, .,	BRUSH HOLDER						1
14- 2	488628		.	BRACKET, ,	DIODE						1
14- 3	408999-001		.	DIODE, SILICON, 30A, POS. ASSEMBLY							1
14- 4	402531		.	CAP, , (V46992 #DE-55)							2
14- 5	402530		.	GUIDE, , (V46992 #661-D-23)							2
14- 6	402788		.	BRUSH, A.C., (V78377 #443E)							2
* Not Illustrated											



Air Cleaner Components
Figure 15

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
15 -	No Number		AIR CLEANER COMPONENTS							REF	
15- 1	288059-001		.	CLAMP, STAINLESS STEEL							2
15- 2	288196		.	AIR CLEANER SUPPORT BRACKET							1
15- 3	288048-001		.	AIR CLEANER							1
15- 4	280732-004		.	CLAMP, PIPE							4
15- 5	288057-001		.	AIR CLEANER TUBE							1
15- 6	282918		.	AIR RESTRICTION INDICATOR							1
15- 7	282919		.	INDICATOR ADAPTER							1
15- 8	288199-001		.	45 DEG. ELBOW							1
15- 9	288055-003		.	3" DIA. STRAIGHT TUBING							1
15- 10	288197-001		.	RUBBER REDUCER							1
15- 11	280732-006		.	CLAMP, HOSE							2
15- 12	288054-003		.	90 DEG. ELBOW							1

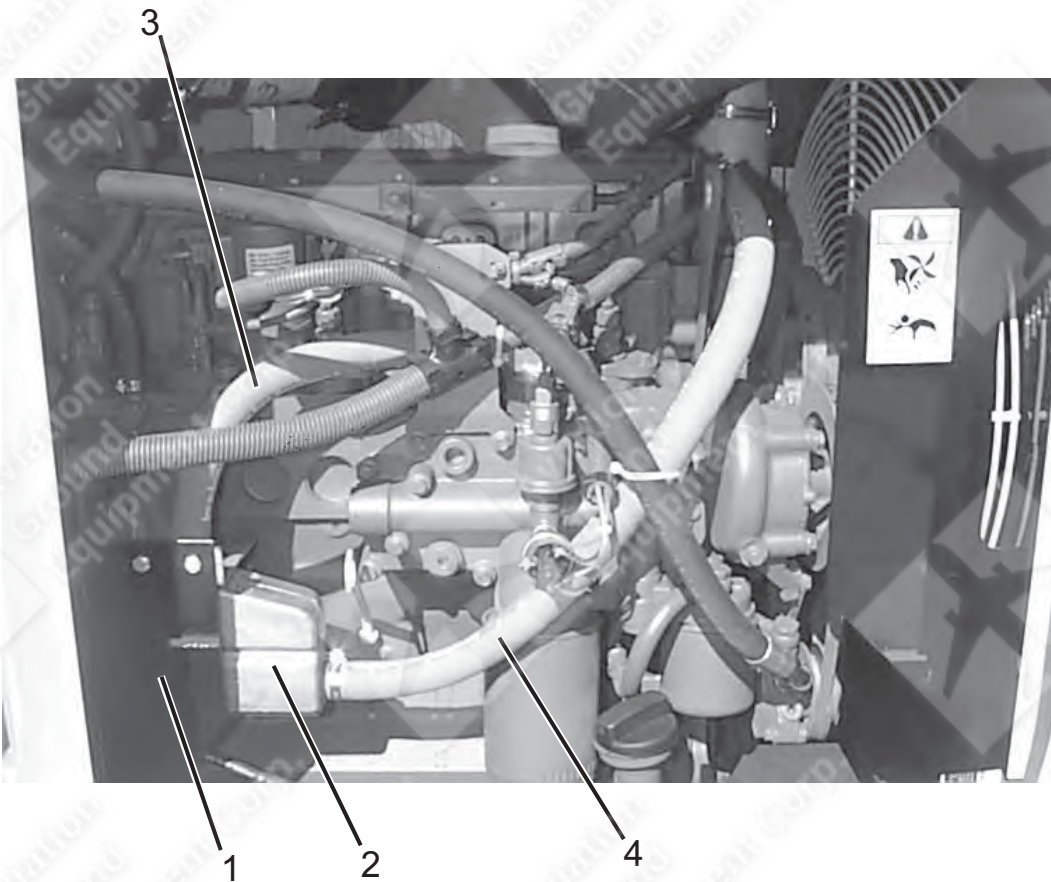


**Trailer Components
Figure 16**

FIGURE ITEM NO.	HOBART PART NO.	NOMENCLATURE 1234567	UNITS PER EFF ASSY
16-	288340	FRAME/TRAILER ASSEMBLY	A,C 1
-1	288389	. REAR AXLE WELDMENT (V52793 #05-053285)	A,C 1
-2	287587	. HUB AND BRAKE ASSY. (V52793 #05-046894)	A,C 2
*	285917	. . LUG NUT (V52793 #05-007805)	A,C 5
-3	285911	. . DUST SHIELD (V52793 #317968)	A,C 1
-4	286205	. . HUB BOLT (V52793 #05-006440)	A,C 5
-5	287627	. . BRAKE DRUM (V52793 #05-006712-21)	A,C 1
-6	287626	. . HUB ASSEMBLY (V52793 #05-046879-1AL)	A,C 1
-7	287626-001	. . . GREASE SEAL (V52793 #16743 CR)	A,C 1
-8	287626-002	. . . INNER BEARING CONE (V60038) #67048)	A,C 1
-9	287626-003	. . . INNER BEARING CUP (V60038) #67010)	A,C 1
-10	287628	. . . HUB (V52793 #03-044880-AL)	A,C 1
-11	287626-004	. . . OUTER BEARING CUP (V60038) #11910)	A,C 1
-12	287626-005	. . . OUTER BEARING CONE (V60038) #11949)	A,C 1
-13	287626-006	. . . WHEEL HUB CAP (V52793 #1517)	A,C 1
-14	288390	. FRONT AXLE WELDMENT (V52793 #05-053308)	A,C 1
-15	288392	. HUB ASSEMBLY (V52793 #2-1206-01-01)	A,C 1
-16	285851	. LATCH PEDAL (V52793 #05-051009)	A,C 1
-17	285850	. COMPRESSION SPRING (V52793 #LC-063F-7)	A,C 1
-18	286735	. HUB ASSEMBLY (V52793 #03-044876-1AL)	A,C 2
*	285917	. . LUG NUT (V52793 #05-007805)	A,C 5
-19	286735-001	. . GREASE SEAL (V52793 #16743 CR)	A,C 1
-20	286735-002	. . INNER BEARING CONE (V60038 #67048)	A,C 1
-21	286735-003	. . INNER BEARING CUP (V60038) #67010)	A,C 1
-22	286205	. . HUB BOLT (V52793 #03-006440)	A,C 5
-23	286734	. . WHEEL HUB (V52793 #03-044875-AL)	A,C 1
-24	286735-004	. . OUTER BEARING CUP (V60038) #11910)	A,C 1
-25	286735-005	. . OUTER BEARING CONE (V60038) #11949)	A,C 1
-26	286735-006	. . WHEEL HUB CAP (V52793 #1517)	A,C 1
-27	285844	. . DRAWBAR PIN ASSY. (V52793 #05-046787-A)	A,C 1
-28	288393	. . DRAWBAR WELDMENT (V52793 #05-053590)	A,C 1
-29	286978	. BRAKE LEVER ASSEMBLY (V52793 #05-031110)	A,C 1
-30	286982	. CLEVIS (V52793 #2708-4A)	A,C 6
-31	288394	. BRAKE HANDLE ROD (V52793 #05-053305)	A,C 1
-32	288395	. BRAKE LEVER ROD (V52793 #05-053304)	A,C 2
-33	288398	. SHAFT LEVER	A,C 3
*	286985	. COLLAR, SET SCREW (V52793 #SC-075)	A,C 2
*	286984	. ROLL PIN (V52793 #LL 5/16 X 1-1/4RP)	A,C 3
-34	286981	. SHAFT BEARING (V52793 #05-046646)	A,C 2
-35	288396	. BRAKE CROSS BAR (V52793 #05-053306)	A,C 1
-36	288397	. SPACER BLOCK (V52793 #05-053414)	A,C 1
-37	288391	. REAR FRAME PLATE (V52793 #05-053276)	A,C 1
-38	287996	FENDER	A,C 2
-39	287994	FENDER MOUNTING BRACKET	A,C 4
-40	287993	FENDER MOUNTING BRACKET	A,C 2
-41	282720	. WHEEL AND TIRE ASSEMBLY	A,C 4

This page intentionally left blank.

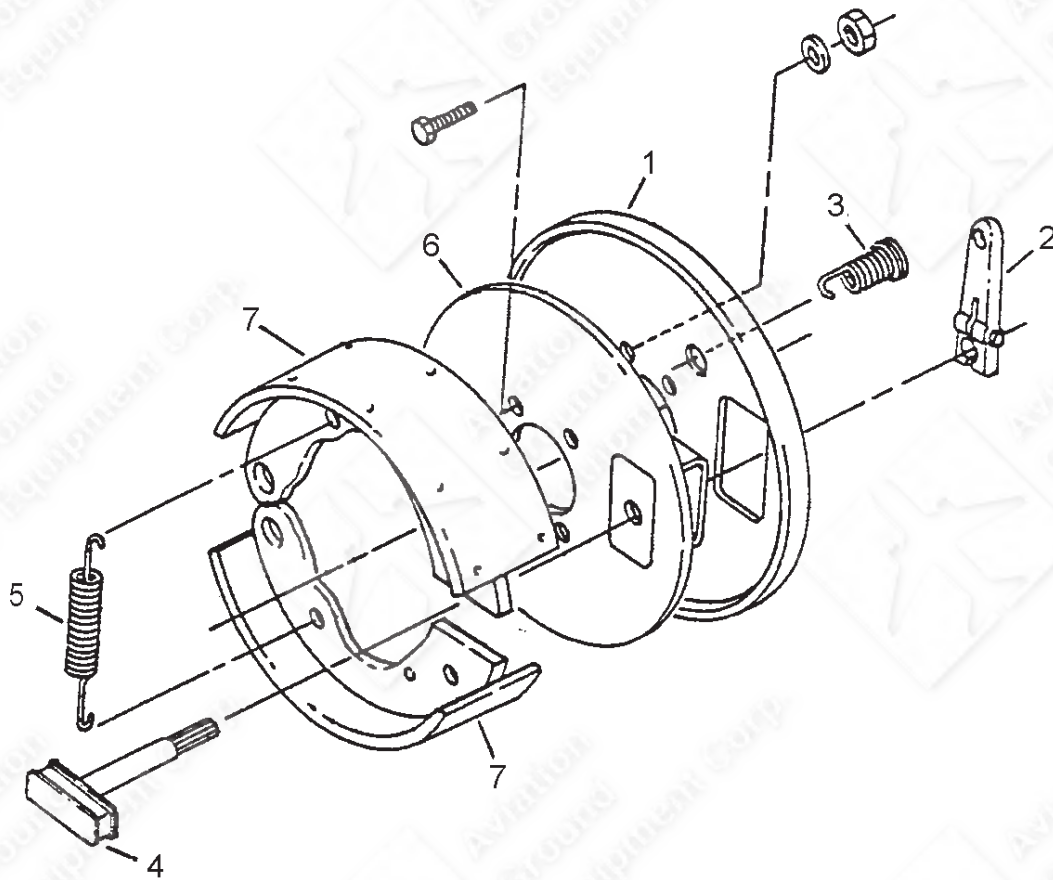
FIGURE ITEM NO.	HOBART PART NO.	NOMENCLATURE		UNITS PER ASSY
		1234567	EFF	
16-	288340	FRAME/TRAILER ASSEMBLY (CONT)	A,C	1
-42	286201	. BRAKE ASSEMBLY (SEE FIGURE 18)	A,C	2



Block Heater Components
Figure 17

FIGURE & ITEM NO.	HOBART PART NO.	AIRLINE PART NO.	NOMENCLATURE							EFF	QTY
			1	2	3	4	5	6	7		
17 -	No Number		BLOCK HEATER COMPONENTS							C	REF
17- 1	288213		.	BLOCK HEATER MOUNTING BRACKET						C	1
17- 2	287566-001		.	BLOCK HEATER						C	1
17- 3	287919		.	HOSE, SILICONE 3/4" I.D.						C	14"
17- 4	287919		.	HOSE, SILICONE 3/4" I.D.						C	29"
* 17- 5	287055		.	M22- 1/2 NPT REDUCER						C	2
* 17 - 6	287056		.	ELBOW FITTING, 1/2 NPT X 3/4 BARB						C	2

* NOT ILLUSTRATED



Brake Assembly Components
Figure 18

FIGURE ITEM NO.	HOBART PART NO.	NOMENCLATURE		UNITS PER ASSY
		1234567	EFF	
18-	286201	BRAKE ASSEMBLY	A,C	REF
-1	285911	. DUST SHIELD (V52793 #317968)	A,C	REF
-2	285915-006	. CAM ASM. (V14892) #317687)	A,C	1
-3	285915-001	. HOLD DOWN SPRING (V14892) #4152194)	A,C	2
-4	285915-005	. CAM SHAFT (V14892) #313061)	A,C	1
-5	285915-003	. SHOE RETURN SPRING (V14892) #4152195)	A,C	1
-6	285915-004	. SUPPORT PLATE (V14892) #310949)	A,C	1
-7	285915-002	. SHOE ASM. (V14892) #320647)	A,C	1

This page intentionally left blank.

Section 4. 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 numeric-alpha sequence. Thus, any part number beginning with the number 9 would be located at or near the top of the index list. Like-wise, a part beginning with the letter A 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.

FIG-ITEM NUMBER	PART	FIG-ITEM NUMBER	PART
11-1	056534	10-14	284372-001
12-6	056535	1-3	285125
12-5	056544	8 -18	285647
11-11	058521	1-2	285681
5-18	16DA2162	16-27	285844
8 - 6	16DA3493	16-17	285850
8 -16	180065	16-16	285851
5-31	180289	16-3	285911
5-37	180593-003	18-1	285911
8 -19	180600	18-3	285915-001
13- 5	180776		285915-002
5-25	180913-001	18-5	285915-003
5-17	180913-002	18-6	285915-004
5-40	180913-004	18-4	285915-005
5-17	180914	18-2	285915-006
5-25	180914	16-18	285917
5-33	181022A-005	16-2	285917
15- 4	280732-004	16-42	286201
15- 11	280732-006	18-	286201
13-13	281688	16-22	286205
10- 5	281776	16-4	286205
6- 1	281881-001	5-43	286611
8 -20	282239	5- 7	286699-001
12-1	282299	16-23	286734
1-11	282562	16-18	286735
1-28	282658	16-19	286735-001
16-41	282720	16-20	286735-002
1-14	282732-001	16-21	286735-003
15- 6	282918	16-24	286735-004
15- 7	282919	16-25	286735-005
8 -26	283063	16-26	286735-006
1-23	283533	9 - 6	286810-001
3- 8	283597	8 -24	286813
3- 7	283824	1-15	286847
11-3	283873	9 - 7	286849
12-1	284203	10- 8	286850
13- 1	284371-004	12-5	286851

FIG-ITEM NUMBER	PART	FIG-ITEM NUMBER	PART
5- 8	286864	17- 4	287919
8 -13	286884	2- 7	287950
8 - 3	286887	2- 9	287955
5-20	286923	13-17	287956
5-11	286936-001	2- 8	287970
5-10	286937-001	2- 1	287971
16-29	286978	2- 3	287972
16-34	286981	3- 9	287977
16-30	286982	3- 6	287978
16-33	286984	3- 1	287981
16-33	286985	2- 5	287984
17- 5	287055	2-10	287986
17 - 6	287056	3-10	287987
8 - 1	287184-003	5-39	287988
11-2	287333-001	16-40	287993
11-8	287373	16-39	287994
13- 7	287401	16-38	287996
10-11	287419	2- 6	287998
1-31	287459	3- 2	287999
1-32	287460	11-6	288001
1-33	287461	13- 9	288003
1-34	287462	1-10	288007-002
1-35	287463	5-	288007-002
1-36	287464	5-	288007-002
1-37	287466	8 -27	288008
3- 5	287526-002	5-36	288012
3- 4	287542-001	8 -29	288015
3- 4	287542-002	5-38	288016
13-	287556	5-41	288017
4- 9	287556	5-13	288018
13- 2	287564	5-44	288019-004
17- 2	287566-001	1-9	288020
16-2	287587	1-7	288021
5-42	287621	1-8	288022
16-6	287626	1-9	288023
16-7	287626-001	7- 10	288044-001
16-8	287626-002	10- 1	288045-001
16-9	287626-003	15- 3	288048-001
16-11	287626-004	7- 5	288050-001
16-12	287626-005	7- 6	288052-001
16-13	287626-006	7- 4	288052-002
16-5	287627	15- 12	288054-003
16-10	287628	7- 3	288055-002
5-33	287683	15- 9	288055-003
1-19	287698-001	15- 5	288057-001
10- 5	287717-002	15- 1	288059-001
10-15	287735	7- 9	288059-001
6- 2	287775	1-13	288060-001
6- 3	287776	3- 6	288064-001
3- 9	287785	3- 9	288064-002
6- 4	287796	3- 1	288064-003
17- 3	287919	2- 3	288064-004

FIG-ITEM NUMBER	PART	FIG-ITEM NUMBER	PART
3- 1	288064-005	5-27	30GH1119
2- 4	288173	5-13	30GH1262
10-13	288174	13-12	354592
10-13	288175	9 - 4	400435
10-12	288176	5-17	400613-003
2- 2	288177	5-25	400613-004
11-4	288178-001	5-30	400641-012
11-10	288179-001	5-29	400642-003
11-3	288181	5-19	401428-001
11-5	288184	1-29	401842
12-3	288185	8 - 8	401911-005
12-3	288186	5-47	401923-003
12-6	288187	5-14	401937-004
12-2	288188	1-30	40201
12-4	288189	8 - 5	402037-004
10- 9	288190	14- 5	402530
11-14	288191	14- 4	402531
11-7	288192	5- 3	402658
11-9	288193	5-16	402662
7- 1	288194	5-21	402663
15- 2	288196	5-26	402682
15- 10	288197-001	14- 6	402788
7- 11	288198	13-10	402789-004
15- 8	288199-001	11-1	402927-003
10-10	288200	1-20	402987
11-11	288203	1-18	403091-008
7- 7	288204	5- 5	403189
7- 8	288205	11-14	403782-002
11-12	288206	10-11	403809-002
10- 7	288208	5-34	404065-002
13-	288210	5-17	404172-003
17- 1	288213	5-25	404172-003
10- 2	288215-001	5-24	405129-001
10- 3	288221-001	8 - 7	405154-006
10- 4	288222	8 - 2	405278-006
4- 3	288306	1-25	405309
8 -	288306	5-28	406815
16-	288340	1-26	407366
2-7	288340	10- 6	407948
3-3	288352	5-22	407948
5- 9	288368-001	5-12	408596-001
5- 1	288369	1-38	408665-001
16-1	288389	1-38	408665-001
16-14	288390	1-39	408665-002
16-37	288391	1-39	408665-002
16-15	288392	14- 3	408999-001
16-28	288393	5-46	410539
16-31	288394	13- 6	488555-001
16-32	288395	13- 3	488557-008
16-35	288396	14- 1	488562
16-36	288397	14- 2	488628
16-33	288398	1-16	488640

FIG-ITEM NUMBER	PART	FIG-ITEM NUMBER	PART
13- 8	488784	9 - 2	AW626
14 -	488784	13-11	No Number
13-10	489125	11-13	W10051-007
13- 4	489135	5-35	W10051-010
10- 8	489658-007	5-45	W10051-012
9 - 8	489658-010	5-23	W10051-014
2-7	489689	13-16	W10072-063
5- 4	494134-001	11-11	W10869-002
6- 5	494295	11-10	W10869-003
8 -11	494681-001	11-4	W10869-003
1-	500286A-001	7- 2	W10869-006
1-	500286A-002	8 - 4	W10869-006
1-	500286A-003	11-1	W10869-014
5-13	50GHP206	8 -12	W10931-003
1-27	76B1148	8 -14	W10933-003
1-1	77A1157	8 -15	W11097-007
1-21	78A1000	8 -17	W11097-007
5- 6	78A1120-001	8 -21	W11097-022
1-22	79A1110	8 - 9	W11114-012
1-12	79A1127-002	5- 2	W11166-001
1-17	7J422-000	5-15	W11166-003
1-24	81B1084	8 -25	W11242-018
5-32	84A1075	13-10	W11254-005
13-10	85C1004-002	8 -10	W11280-015
8 -22	A25	11-1	W7814-000
9 - 1	A25	9 - 3	W9218-227
8 -23	AW626	9 - 5	W9218-251
		10-16	W9407-446