

SPENCER MANUFACTURING COLDBUSTER MARK IV

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SPENCER MANUFACTURING COLDBUSTER MARK IV

Section 1: Introduction

1. Purpose

The purpose of this list is to aid in the provisioning, requisitioning, storing, and issuing of the replaceable components of the unit and in identification of new and reclaimed parts.

2. Applicability

This parts list is applicable to Coldbuster Mark IV serial numbers 4001 and up.

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Section 2: Vendor Codes

Code	Manufacturer
VAPPRO	Approved Purification 1088 Hope St. P.O. Box 4186 Stamford, CT 06907
VCOLEH	Cole Hersee Co. Boston, MA 02127
VCUSTO	Custom Metal Spinning Co. 9330 15th Ave. S. UNIT C Seattle, WA 98108
VDATCO	Datcon Instrument Co. P.O. Box 128 1021 Commercial Ave. East Petersburg, Pa 17520
VDWYER	Dwyer Instruments, Inc. P.O. Box 373 Michigan City, IN 46360
VFLEXF	Flexfab, Inc. Dept 771040 Detroit, MI 48277
VFORD	Ford Power Products 15700 Lundy Parkway Suite 200 Dearborn, MI 48126
VMASTE	Mastermark 6550 4th Ave. S. P.O. Box 24104 Seattle, WA 98124
VORSCH	Orscheln P.O. Box 410294 Kansas City, MO 64141
VPOTTE	Potter & Brumfield, Inc. Princeton, IN 47671
VPROTE	Protectoseal Co. P.O. Box 95588 Chicago, IL 60694
VTEMTE	Temtex Gage Division P.O. Drawer 1420 Denison, TX 75020

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Section 3: Detailed Parts List

1. How to Use the Detailed Parts List

Figure 1 shows the major assemblies that make up the Coldbuster Mark IV. To locate a part, find the major assembly that contains it in figure 1 and the associated figure number in the table that follows. Turn to the referenced figure and find the part in the picture. The part will be identified by an item number, which is used to locate the needed information in the parts list following every figure.

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2. Alphanumeric Index

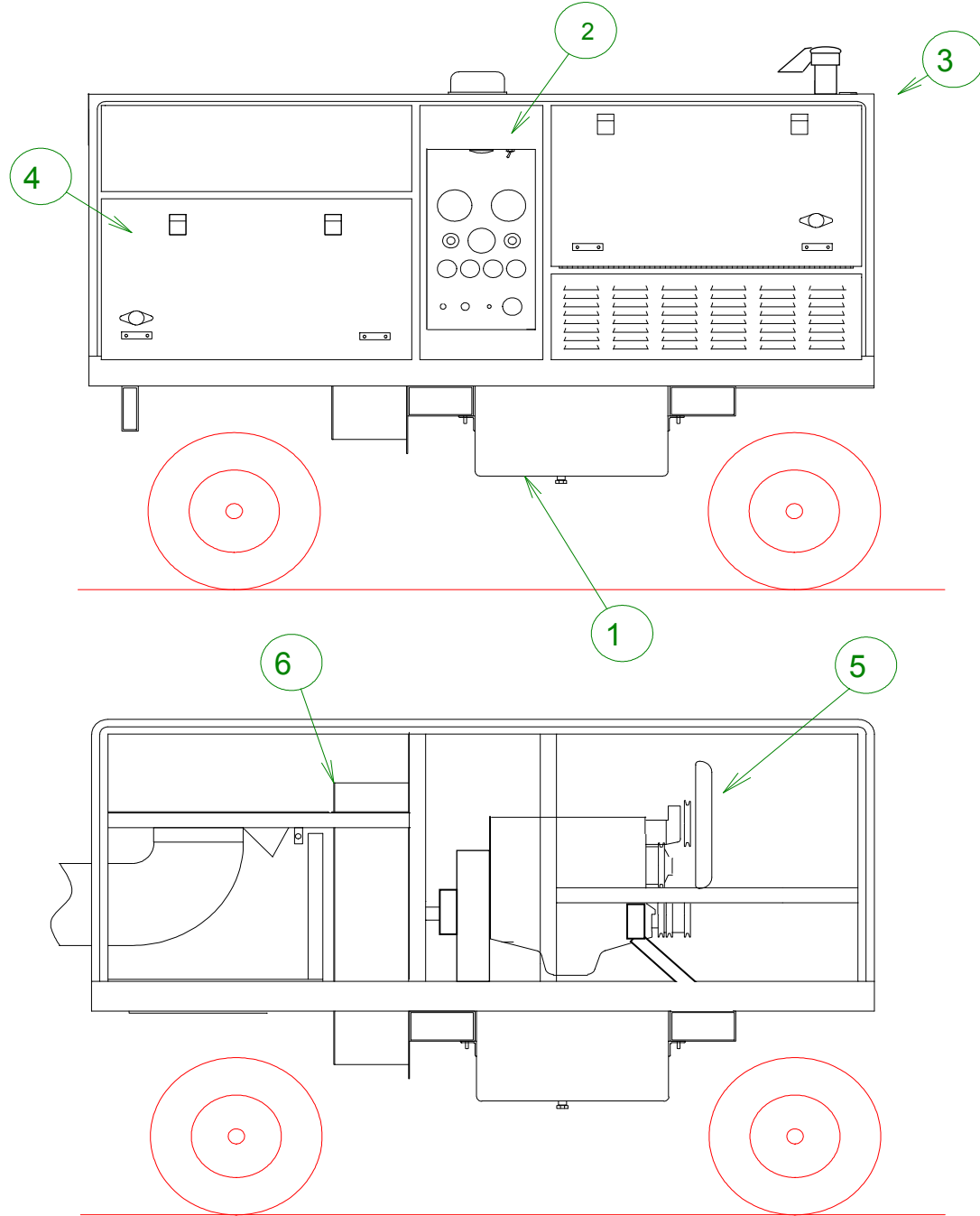


Figure 1. Final Assembly

SPENCER MANUFACTURING COLDBUSTER MARK IV

Fig. 1 Item #	Part Number	Nomenclature	Fig	Units/ Assy
-	AG9-000	Coldbuster Mark IV	1	1
2	AG9-018	Fuel Tank Assembly	3	1
-	AG2-084	Aircraft Adapter & Duct Assembly	4	1
2	AG9-028	Control Panel Assembly	5	1
-	AG4-034	Exhaust System Assembly	6	1
-	AG9-019	Coolant System Assembly	7	1
3	AG9-035	Skin Panel Assembly	8	1
5	AG9-041	Engine Assembly	10	1
6	AG9-037	Mark IV Sub-Assembly	11	1
-	AG9-020	Electrical System	12	1
-		Remote Drain Assembly	13	1

Table 1.

SPENCER MANUFACTURING COLDBUSTER MARK IV

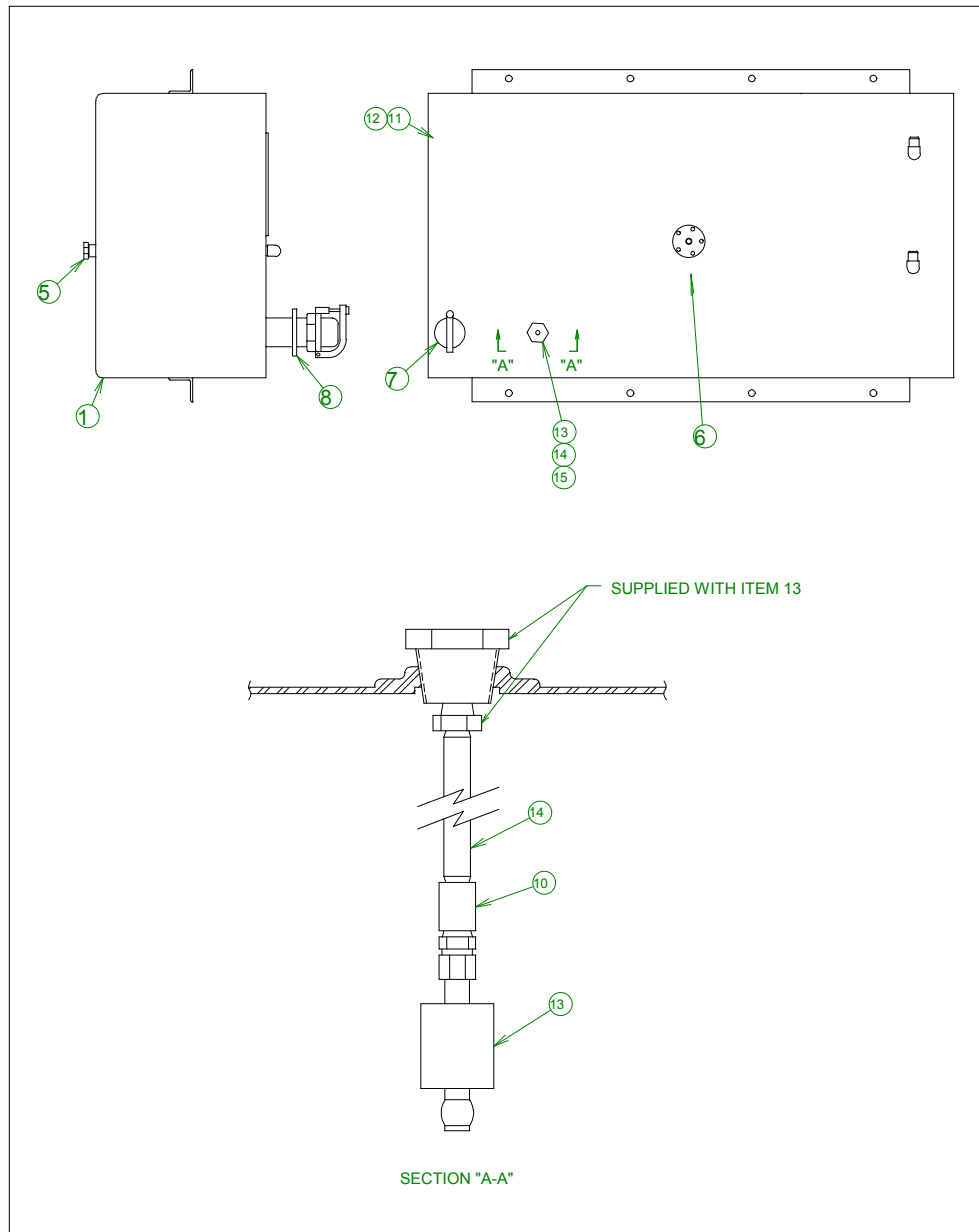


Figure 3. Fuel Tank Assembly

SPENCER MANUFACTURING COLDBUSTER MARK IV

Fig/ Item #	Part Number		Nomenclature	Eff	Units/ Assy
	Primary	Sub Vendor	Fuel Tank Assembly		
3-1	AG2-078		Tank, Fuel, 50 Gallon	A	1
3-3	129HB-5-6		Adapter	A	1
3-5	2082-8		Plug, Drain	A	1
3-6	AG2P023	02350-00	Sender, Fuel Level (VDATCO)	A	1
3-7	AG4P016	1273A63/4T	Cap, Fuel Fill, Red (VPROTE)	A	1
3-8	AG2-092		Spill Ring, Fuel	A	1
3-10	2096-4		Coupler, Pipe, 1/4" NPT	A	1
3-13	AG2P024	LH-013 P16	Sensor, Fuel Level (VAPPRO)	A	1
3-14	AG2-109		Nipple, 1/4" NPTx6" Long	A	1
3-15	AG2-073		Plug, Modified	A	1

Table 3.

SPENCER MANUFACTURING COLDBUSTER MARK IV

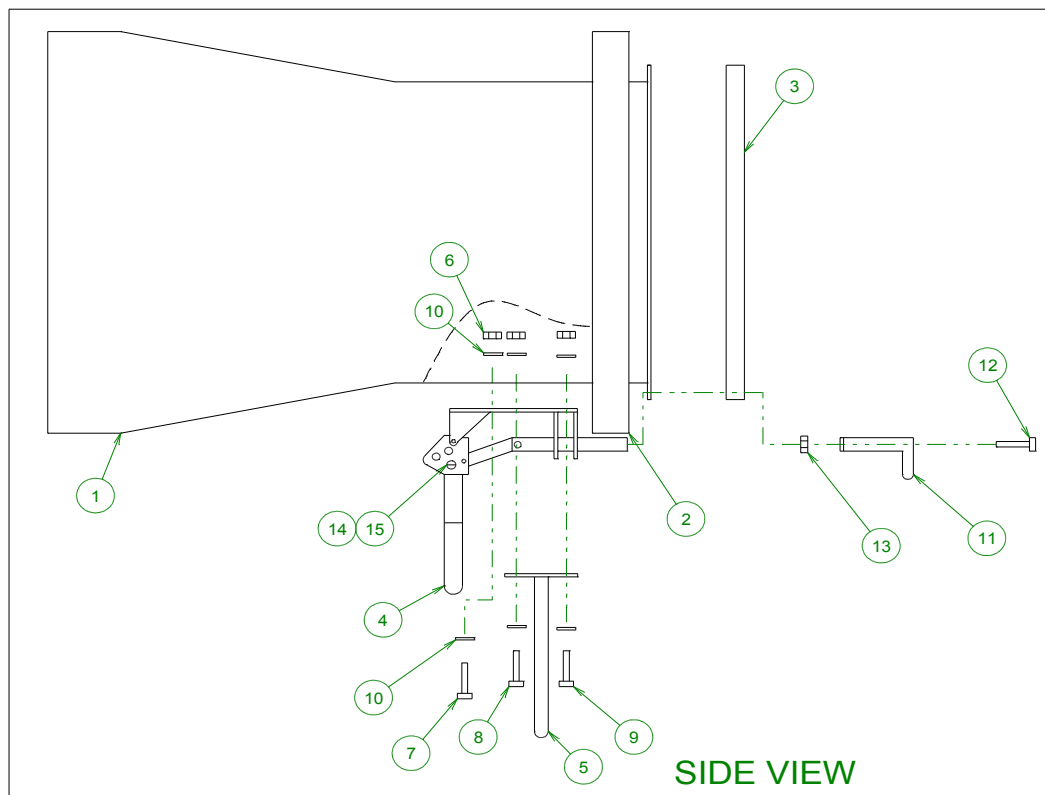


Figure 4. Aircraft Adapter Assembly

Fig/ Item #	Part Number		Nomenclature	Eff	Units/ Assy
	Primary	Sub Vendor	Aircraft Adapter Assembly AG2-084		
4-1	AG2-091		Spinning, Adapter (VCUSTO)	A	1
4-2	AG2-087		Bumper, Adapter (VBOYD)	A	1
4-3	AG2-088		Seal, Adapter (VBOYD)	A	1
4-4	AG2P086		Adapter Clamp Assembly	A	2
4-5	AG2-089		Handle, Adapter	A	2
4-6	AG2P120		Nut, Self-Locking	A	12
4-7	AG2P189		Bolt, Hex	A	4
4-8	AG2P190		Bolt, Hex	A	4
4-9	AG2P191		Bolt, Hex	A	4
4-10	AG2P188		Washer, Flat	A	24
4-11	AG2-054		"L" Hook	A	2
4-12	AG2P103		Bolt, Hex	A	2
4-13	AG2P116		Nut, Hex	A	4
4-14	AG2P156		Screw, Pan Head	A	2
4-15	AG2P158		Nut, Self-Locking	A	2
4-16	AG2-115		Duct Clamp (not shown)		2
4-17	AG2P034		Air Delivery Duct, 12" x 20' Canvas with wire reinforcement (not shown)		

Table 4.

SPENCER MANUFACTURING COLDBUSTER MARK IV

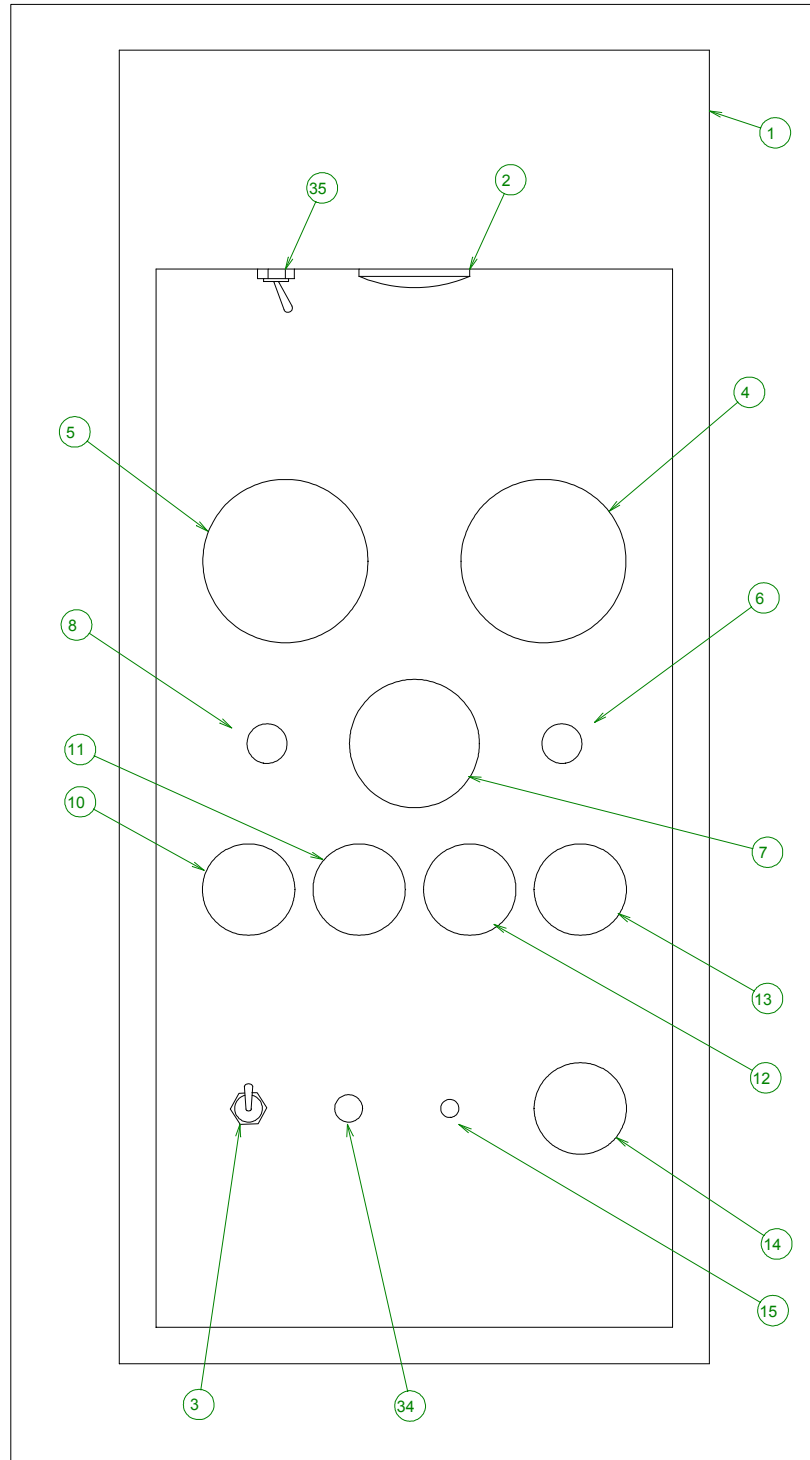


Figure 5. Control Panel

SPENCER MANUFACTURING COLDBUSTER MARK IV

Fig/ Item #	Part Number		Nomenclature	Eff	Units/ Assy
	Primary	Sub Vendor	Control Panel Assembly		
5-1	AG2-101		Control Panel	A	1
5-2	AG2P099		Panel Light	A	1
5-3	AG2P008	55023	Switch (VCOLEH)	A	1
5-4	AG2P009	2040	Gauge, Pressure (VDWYER)	A	1
5-5	AG2P010		Gauge, Temperature	A	1
5-6	AG2P011	DO44195-72	Switch, Throttle select	A	1
5-7	AG4P039	71704-00	Tachometer (VDATCO)	A	1
5-8	AG4P028	DO45336-120	Cable, Air Supply Control (VMORSE)	A	1
5-9	AG4P003		Cable, Choke Control	A	1
5-10	AG2P014	06101-01	Gauge, Fuel (VDATCO)	A	1
5-11	AG2P015	06106-01	Voltmeter (VDATCO)	A	1
5-12	AG2P016	06102-01	Gauge, Oil Pressure (VDATCO)	A	1
5-13	AG2P017	06345-01	Gauge, Water Temperature (VDATCO)	A	1
5-14	AG2P018	56494-00	Hour Meter (VDATCO)	A	1
5-15	AG2P019	W23x1A1G-25	Circuit Breaker, 25A (VPOTTE)	A	1
5-16	AG2P020	9095	Push Button, Momentary (VCOLEH)	A	1
5-21	AG2P013		Flasher	A	1
-	AG4-050		Wiring Harness	A	1
5-23	AG2-080		I.D. Plate	A	1
5-24	AG2P022	SPF-3	Rod End	A	1
5-25	AG2P031		Warning Light	A	1
5-26	AG2P107		Screw, Pan HD #10-32	A	6
5-27	AG2P114		Nut #10-32	A	6
5-28	AG2P125		Lock Washer #10	A	6
5-29	2024-2-4		Adapter	A	1
5-30	AG2P148	CEC-1BV	Breather (VCATCH)	A	1
5-31	4797-4B		Fitting	A	1
5-33	2556-4		Air Line, 57"	A	1
5-34	AG2P020	9095	Push Button, Momentary (VCOLEH)	A	1
5-35	AG2P008	55023	Switch (VCOLEH)	A	1

Table 5.