

Illustrated Parts List for VMAC System H400001-D

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A	H400001 New revision B	SL 27 May 2008	SJ 28 May 2008	29 May 2008
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D	ECN 10-124	-	-	N/A
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VMAC – Vehicle Mounted Air Compressors

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1 – Main Assembly

Item #	Part #	Qty	Description
1	P170028	1	ASSY, COMPRESSOR, VMAC H40
2	9400067	1	ASSEMBLY, INLET VALVE
3	9400050	1	TANK, HCS DRESSED
4	5830122	1	O-RING, VITON, 3 3/4 ID X 3/32W
5	1540547	7	BOLT, SHCS, M6 X 1.0 X 45, PLATED, GR12.9
6	9200039	1	OIL FILTER, VR70 3.250 SHORT
7	1700571	14.5"	TUBE, TEFLON, PTFE, 3/16"OD X 1/8"ID
8	1700571	32.5"	TUBE, TEFLON, PTFE, 3/16"OD X 1/8"ID
9	1700570	18"	TUBE, TEFLON, PTFE, 1/4"OD X 3/16"ID
10	1500612	4	VIBRATION MOUNT, NATURAL RUBBER
11	4500124	1	MOTOR, HYDRAULIC
12	4900133	1	ELBOW, STEEL, JIC/O-RING, 1 1/16-12
13	1710746	1	ASSY, HOSE, HYDRAULIC
14	1700564	7.5"	HOSE, HYDRAULIC, LOW PRESSURE, 1/4"
15	2200056	2	CLAMP, O, 1/2
16	5000030	1	ELBOW, BRASS NPT-HOSE, 1/4-1/4
17	4900137	1	CONNECTOR, #6 ORB TO 1/4 FNPT
18	1700580	8"	HOSE, SAE 100R4, #16
19	2200177	6	CLAMP, T-BOLT, 1-1/4"
20	4900136	1	CONNECTOR, 1" HOSE-#12 ORB, 90 DEG
21	9400048	1	ASSEMBLY, HYDRAULIC MANIFOLD
22	1700584	4"	SPIRAL WRAP, 1" OD, BLACK
23	1700580	22.5"	HOSE, SAE 100R4, #16
24	3550752	1	CONTROL BOX PREDATAIR
25	3500666	1	RELAY
26	3500764	1	VALVE, SOLENOID, NORMALLY OPEN, 12V
27	9400069	1	ASSY, COOLER
28	1750016	1	HOSE, CRIMPED, 1/2x16
29	1700580	11.375"	HOSE, SAE 100R4, #16
30	3550743	1	DISPLAY BOX PREDATAIR
31	3550717	1	INTERFACE CABLE

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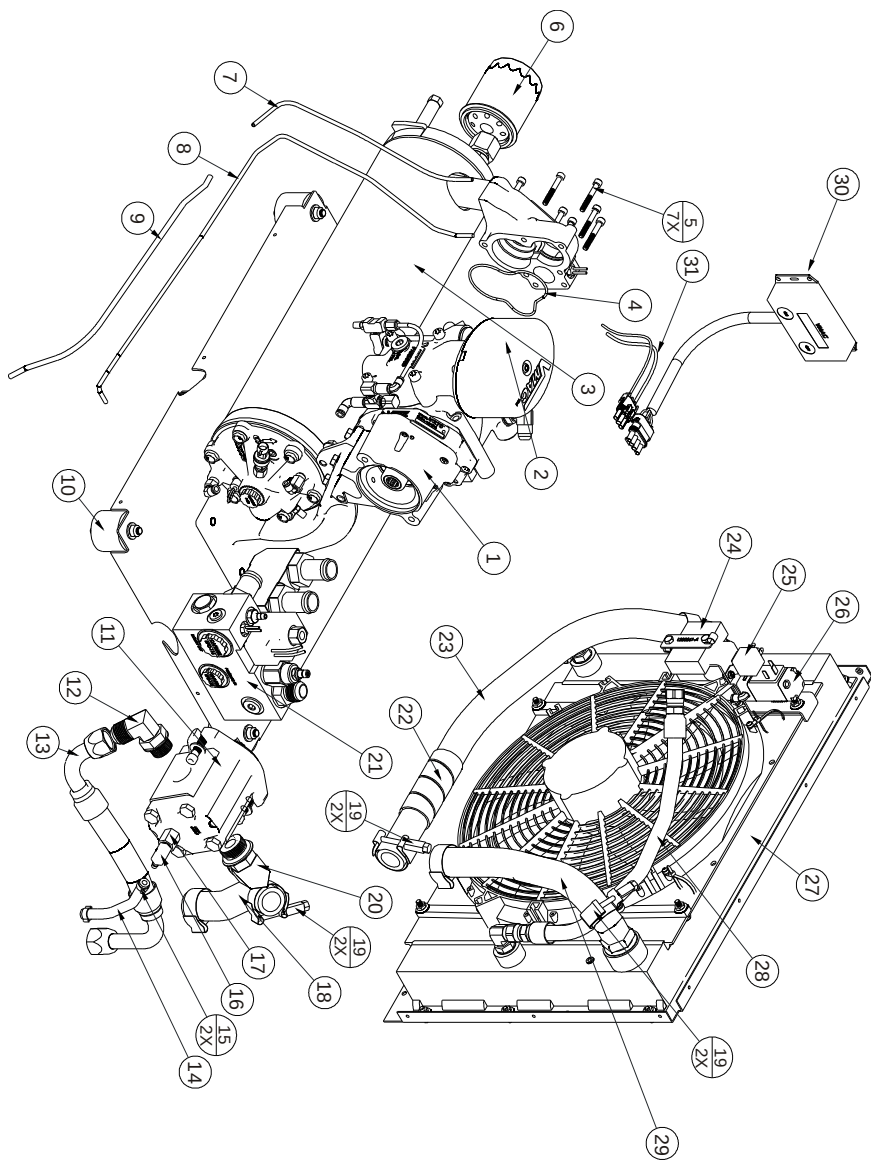


Figure 1 – Main Assembly

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2 – Inlet Valve and Compressor System, (9400067 & P170028)

Item #	Part #	Qty	Description
1	1700571	6.5"	TUBE, TEFLON,PTFE, 3/16"OD X 1/8"ID
2	5000162	1	CONNECT,BRASS NPT-POLY,3/16-1/8 NPT
3	3200346	1	ORIFICE
4	5000137	1	TEE, MALE BRANCH, 1/8" NPT, FORGED
5	4500104	1	MUFFLER, SINTERED EXHAUST, 1/8"
6	3200347	1	MUFFLER RESTRICTION
7	5000137	1	TEE, MALE BRANCH, 1/8" NPT, FORGED
8	5000165	2	ELBOW,90, BRASS NPT-POLY, 1/8-3/16
9	3600123	1	VALVE, CHECK, 1/8 NPT
10	5000090	1	ELBOW, BRASS, EXTR'D 90 STREET, 1/8
11	5000121	1	TEE, STREET, EXTRUDED, 1/8
12	3600123	1	VALVE, CHECK, 1/8 NPT
13	5000090	1	ELBOW, BRASS, EXTR'D 90 STREET, 1/8
14	3600037	1	ELEMENT, FILTER, PAPER
15	3600066	1	COVER, AIR FILTER, PLASTIC
16	P170027	1	COMPRESSOR, VMAC H40
17	4900002	1	ELBOW, STEEL JIC/O-RING, 1/2 3/4-16
18	5830132	1	O-RING, VITON, #8 ORB
19	9400067	1	ASSEMBLY, INLET VALVE
20	1540530	2	BOLT,SHCS,M8 X 1.25 X 55, G12.9 PLT
21	1540550	2	BOLT,SHCS,M8 X 1.25 X 50, G12.9 PLT
22	5830004	1	O-RING, VITON, 3 1/8 ID X 1/8

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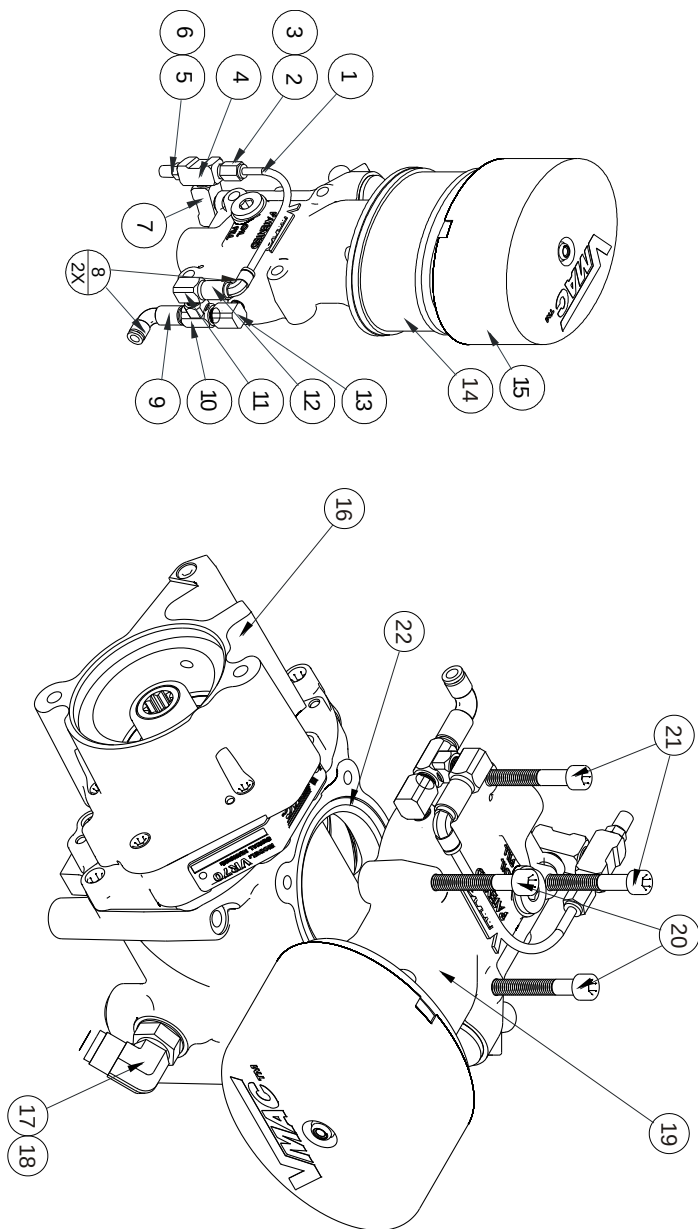


Figure 2 – Inlet Valve and Compressor

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3 – Cooler Assembly 9400069

Item #	Part #	Qty	Description
1	9400010	1	PANEL, REAR
2	3600138	1	COOLER, DUAL CORE
3	3500817	1	ASSEMBLY FAN, 16"
4	1200561	1	BRACKET CLAMP
5	1200560	1	BRACKET, CONTROL BOX & SOLENOID
6	4900131	2	CONNECTOR, HOSE-ORB, 45DEG, #16
7	4900002	2	ELBOW, STEEL JIC/O-RING, 1/2 3/4-16
8	5830132	2	O-RING, VITON, #8 ORB

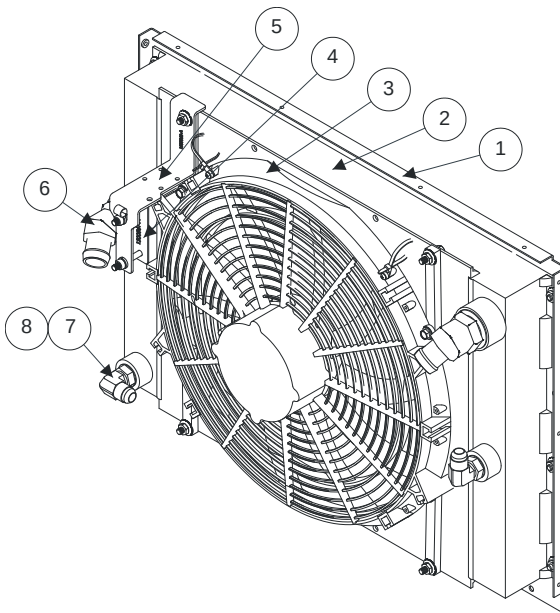


Figure 3 – Cooler Assembly

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4 – Manifold Assembly, 9400048

Item #	Part #	Qty	Description
1	9400052	1	MANIFOLD, HYDRAULIC
2	4900129	3	CONNECTOR, HOSE-ORB, STRAIGHT #16
3	9400053	1	MANIFOLD, MOTOR TO COOLER
4	4900130	1	CONNECTOR, UNION, MALE, ORB, 12
5	4500125	1	VALVE, CARTRIDGE, CHECK, 65PSI
6	3550719	1	PROBE, ASSY, THERMISTOR, WP CONN
7	5830126	1	O-RING, VITON, ORB -5
8	5000156	1	CONNECTOR, BRASS, #5 ORB-1/4" HB.
9	4500130	1	COIL, SOLENOID, 5/8
10	4500129	1	VALVE, POPPET, 2 WAY, SOLENOID
11	4500126	1	VALVE, PRESSURE RELIEF, 2800 PSI
12	4900128	1	FITTING, 12ORB – 12JIC, STEEL

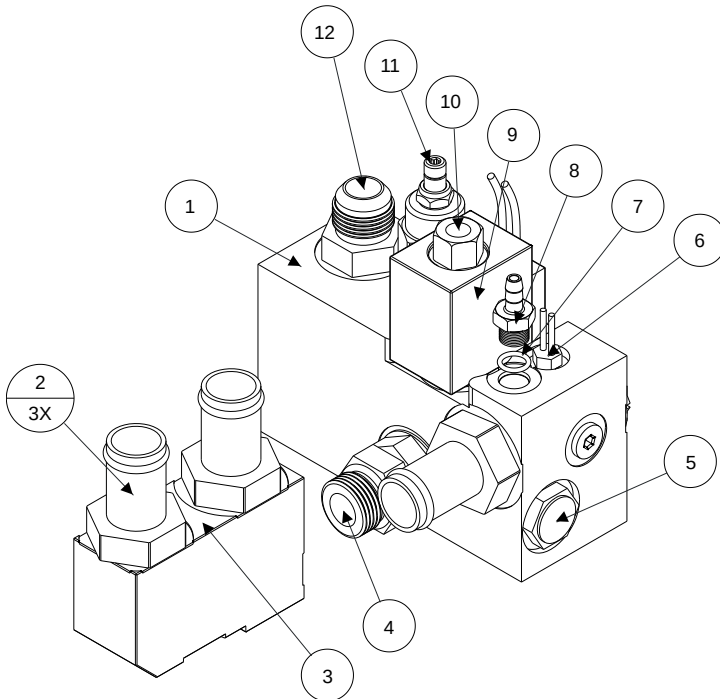


Figure 4 – Manifold Assembly

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5 – Tank Assembly, 9400050

Item #	Part #	Qty	Description
1	1510086	6	BOLT, HHCS NC G5 FL LK, 3/8 X 1
2	1510522	2	BOLT, HHCS NC G8 FL LK PL, 1/4" X 1/2"
3	3200231	1	COVER, SIGHT GLASS
4	3200287	1	TUBE, OIL DRAIN
5	3550719	1	PROBE, ASSY, THERMISTOR, WP CONN
6	3600064	1	SEAL, TANK REAR CAP
7	3600090	1	THIMBLE, SCREEN
8	4900106	1	PLUG, STEEL, #5 ORB, HEX
9	4900029	1	CAP, STEEL, JIC, 3/4"
10	4900033	1	CONNECTOR, STEEL, NPT-JIC 3/4" – 3/4"
11	4900035	1	NIPPLE, STEEL, STR. THRD. 3/4" - 16
12	5000088	1	ELBOW, BRASS, 3/8" NPT – 1/2" JIC
13	5830066	1	O-RING, VITON, 4 3/4 ID X 1/8
14	5830126	1	O-RING, VITON, ORB -5
15	5840069	1	SPRING, COMPRESSION, FL 1.5", OD .54
16	9400059	1	ASSEMBLY, BLOWDOWN CAP
16.1	3500288	1	SENSOR, PRESSURE
16.2	3600054	1	VALVE, SAFETY 200 PSI
16.3	4500104	1	MUFFLER SINTERED EXHAUST, 1/8
16.4	5000020	1	ELBOW, BRASS, NPT-POLY 1/8"-1/4"
16.5	5000160	1	ADAPTER, BRASS, 1/8-1/8 NPT
16.6	5000165	1	ELBOW, 90, BRASS, NPT-POLY, 1/8"-3/16"
16.7	5000160	1	ADAPTER, BRASS, 1/8-1/8 NPT
16.8	4300076	1	PIPE FTG, PLUG SKT HEAD, 1/8
16.9	9400029	1	MUFFLER RESTRICTION
17	A700061	1	SIGHT GLASS ASSEMBLY
18	A700152	1	COALESCING ASSEMBLY

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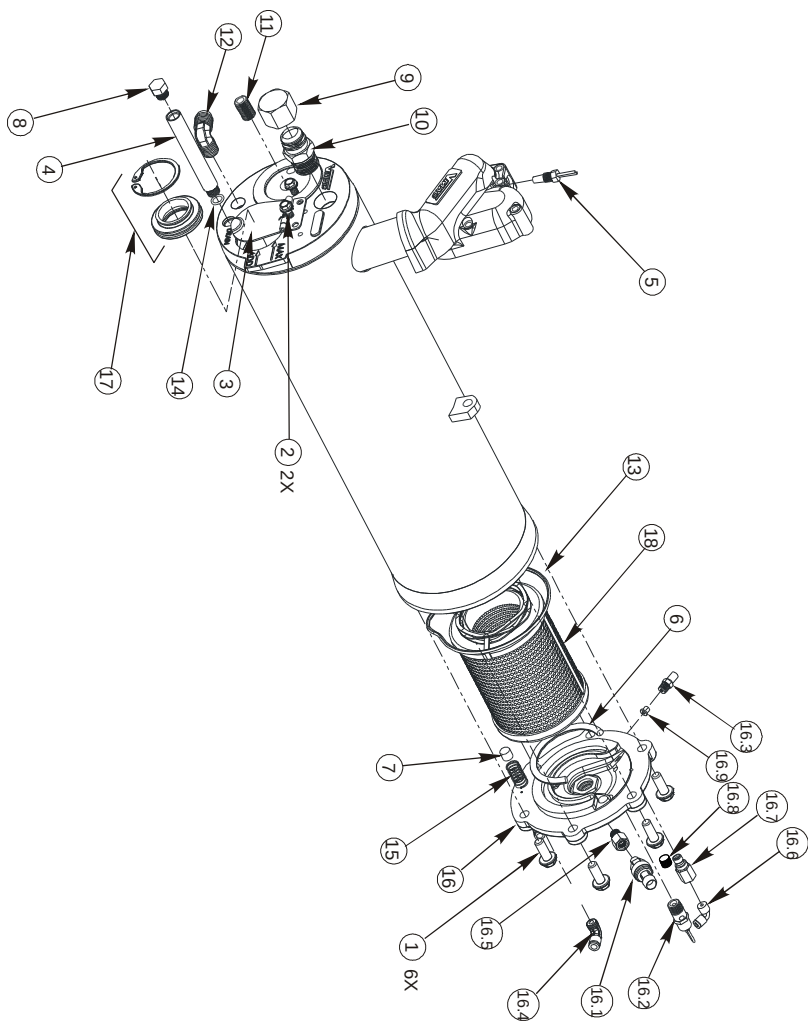


Figure 5 – Tank Assembly

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6 – Panel Assembly

Item #	Part #	Qty	Description
1	9400073	1	PANEL, LEFT SIDE
1.1	4400906	1	LABEL, OIL FILL
1.2	2200171	2	CLIP, STRAIN RELIEF
2	9400072	1	PANEL, TOP
2.1	1500598	2	RIVET, ALUMINUM, CLOSED END, 1/8"
2.2	4400902	1	LABEL, DECAL PREDATOR 40
3	9400075	1	PANEL, FRONT
3.1	4400902	1	LABEL, DECAL PREDATOR 40
4	9400074	1	PANEL, RIGHT SIDE
4.1	4400722	1	LABEL, DECAL DANGER WARNING
4.2	4400903	1	LABEL, HYD. RETURN
4.3	4400904	1	LABEL, HYD. SUPPLY
5	1500587	34	SCREW, SL, MC, IND HEX 10-32 X 3/8-SS
6	1570488	34	WASHER, NYLON, 3/16

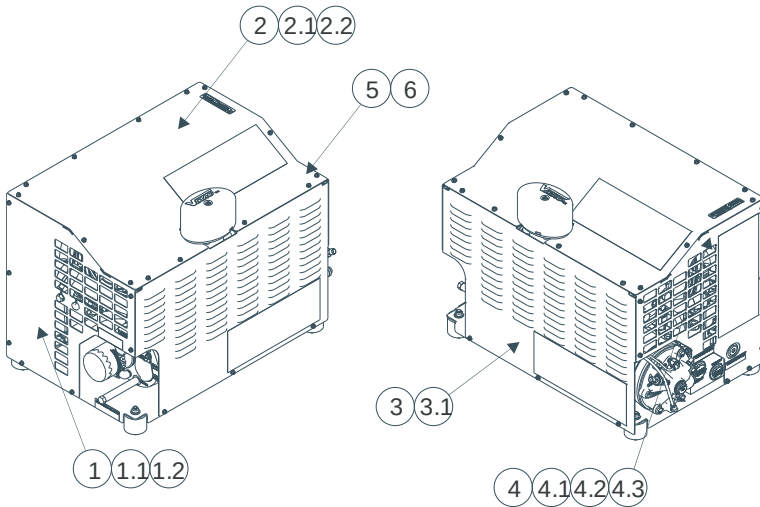


Figure 6 – Panel Assembly

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