

Illustrated Parts List for VMAC System V300011

**2017+ Ford F250-F450 Pickup
6.7L Powerstroke Diesel**

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NOTE: drawings are not to scale.

Document 1930312

Changes and Revisions

Revision	Revision Details	Revised by	Checked by				Implemented
			Eng.		Tech.	Qual.	
			Mech.	Elec.			
A	ECN 17-006: ENGINEERING RELEASE	KRM	JKR	N/A	BDJ	AMG	15/FEB/2017

VMAC – Vehicle Mounted Air Compressors

Toll Free: 1-800-738-8622

Local: 1-250-740-3200

Fax: 1-250-740-3201

1. Kit Pack List

Item #	Part #	Qty	Description
1	4800674	1	ASSY, REMOTE AIR FILTER
2	1620360	1	BELT, DK081403
3	1100233	1	BRACKET, MAIN, V300011
4	P130009	1	COMP, VR LITE, 8-RIB, VERT DISCH
5	4800766	1	ASSY, INTAKE HOSE, V300011
6	4800683	1	ASSY, TANK W/ SHROUD, WHASP
7	3550903	1	CONTROL PANEL, VR LITE
8	3550905	1	KIT, EXTENSION, UH LITE
9	3560232	1	THROTTLE, SEIC, DIESEL, FORD
10	3550908	1	HARNES, KEY SWITCHED RELAY
11	1812240	1	HOSE, CRIMPED, 3/8" X 240"
12	1751025	1	HOSE, CRIMPED, 1/2" X 24.5"
13	1772215	1	HOSE, CRIMPED, 3/4" X 215"
14	3801211	1	FASTENER PACK, V300011
15	A700094	1	OIL, VR, 4L, HIGH PERFORMANCE
16	1930246	1	MANUAL, OWNERS, VR LITE
17	1930311	1	MANUAL, INSTALLATION, V300011
18	1930312	1	ILLUSTRATED PARTS LIST, V300011
19	4800767	1	SYS ID & OP INSTR, V300011

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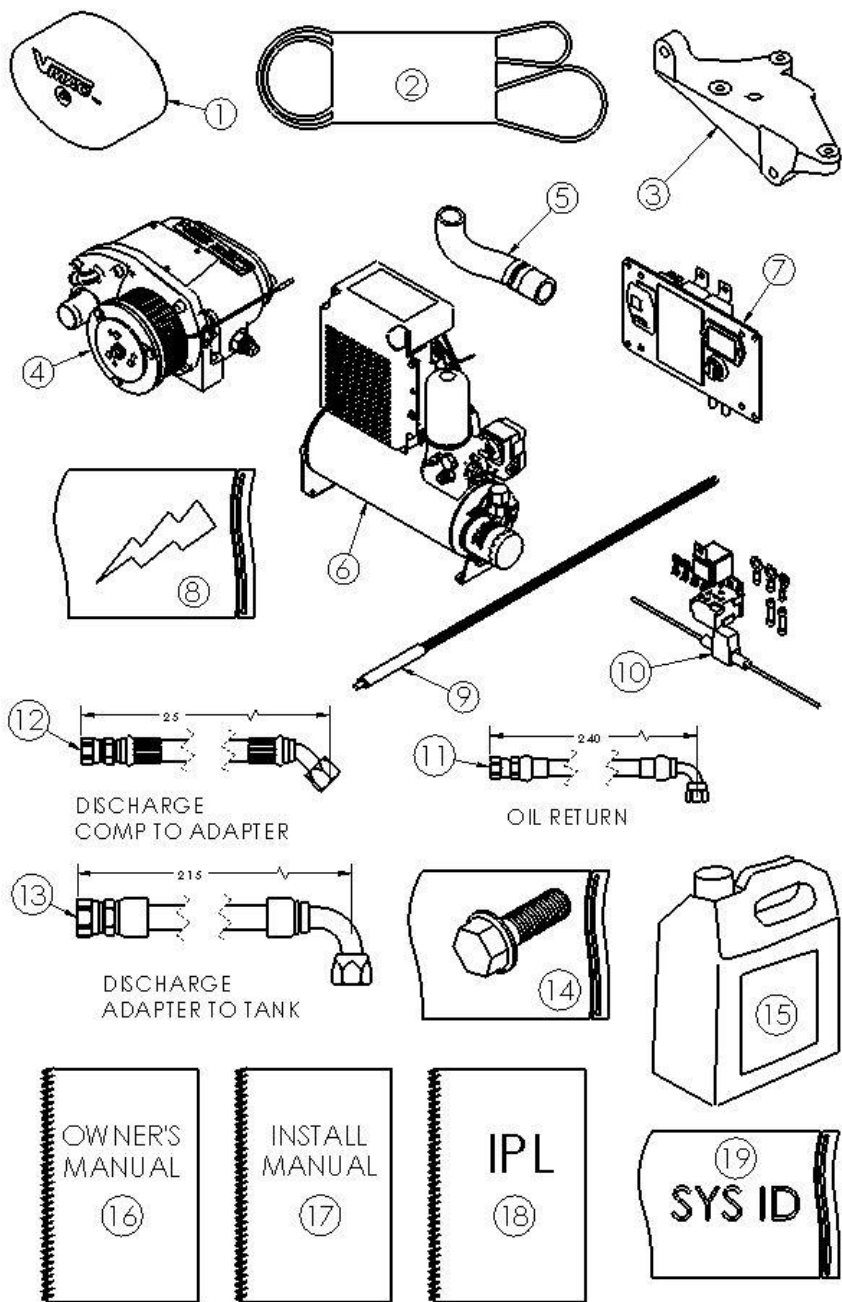


Figure 1 - Kit Pack List

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2. Fastener Pack, 3801211

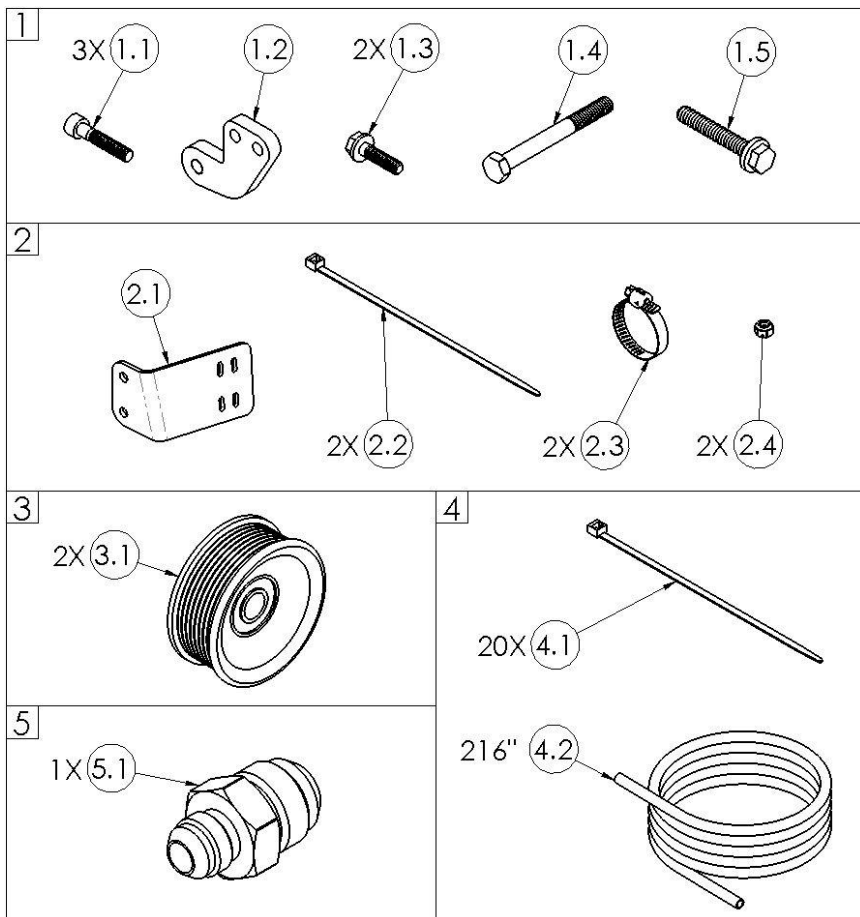
Item #	Part #	Qty	Description
1	3801208	1	FAST PACK, MAIN BKT, V300011
1.1	1540574	3	BOLT, SHCS, M8 X 1.25 X 40, G12.9
1.2	1200965	1	BRACKET, REAR, V300011
1.3	1520605	2	BOLT,HHCS, M8-1.25 X 30, FL PL
1.4	1520011	1	BOLT, HHCS G10.9, M10 X 1.5 X 90
1.5	1520552	1	BOLT, HHCS, FLHD, M10 X 1.50 X 60
2	3801209	1	FAST PACK, AIR INTAKE, V300011
2.1	1200964	1	BRACKET, AIR FILTER, V300011
2.2	2200039	2	TIE, NYLON MD, 7"
2.3	2200047	2	CLAMP, HOSE HS16
2.4	1560438	2	NUT, NYLOCK, M6
3	3801056	1	FASTENER PACK, RIBBED IDLERS
3.1	1300023	2	IDLER, PULLEY 8 RIB, 3.5
4	3801057	1	FASTENER PACK, TEFLON HOSE
4.1	2200039	20	TIE, NYLON MD, 7"
4.2	1700570	216"	TUBE, TEFLON, PTFE, 1/4"OD
5	3801071	1	FASTENER PACK, HOSE CONNECTOR
5.1	4900227	1	CONN, STEEL, #12 MJIC X #8 MJIC

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3. Vertical Discharge Compressor, P130009

Item #	Part #	Qty	Description
1	9230011	1	ASSY, COMPRESSOR, BASE, VR LITE
2	P200048	1	CLUTCH, COMPLETE, 8 GROOVE, 3.35
3	2200235	1	TAB, WIRE TIE
4	1500623	1	SCREW,PT HD,PL F-THRD 6-32 X 1/4"
5	4900203	1	CONN, STEEL, 90, #8 MJIC - #8 MORB
6	4900177	1	CONN, STEEL, #6 JIC - #6 ORB
7	4300076	1	PIPE FTG, PLUG SKT HEAD, 1/8
8	5000020	1	ELBOW, BRASS NPT-POLY, 1/8-1/4
9	2200164	1	TIE, NYLON, BLACK, 8"

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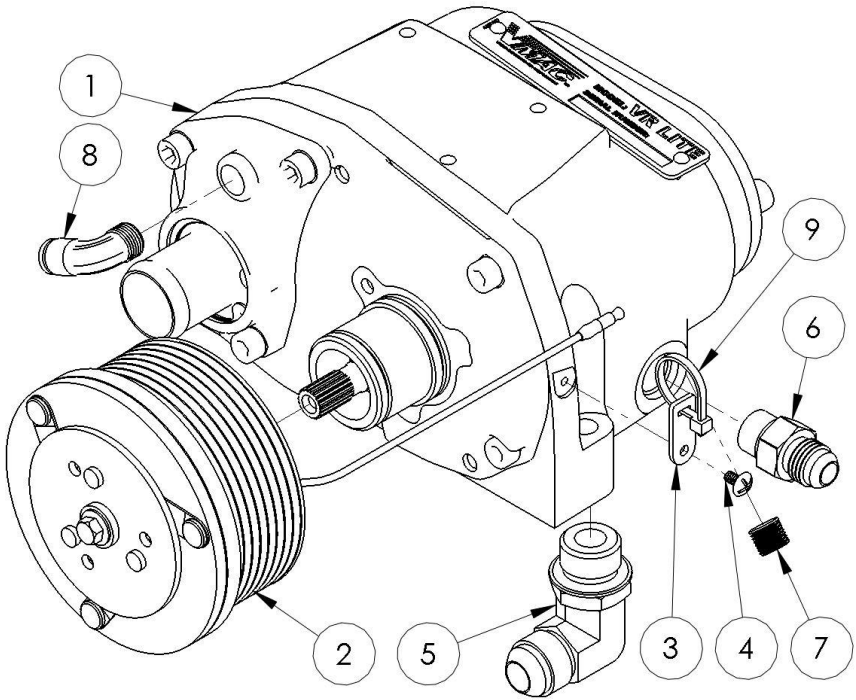


Figure 3 – Vertical Discharge Compressor Assembly

4. WHASP Tank Assembly, 4800683

Item #	Part #	Qty	Description
1	6000700	1	SHROUD, WHASP TANK
2	3600088	1	OIL SEPARATOR, SPIN-ON
3	9200039	1	OIL FILTER, VR 3.250 SHORT
4	4900163	1	CAP, STEEL, #12JIC
5	3550902	1	ASSEMBLY, PRESSURE SWITCH & HARNESS
6	3550691	1	ASSEMBLY, THERMOSTAT 290F
7	4500104	1	MUFFLER, SINTERED EXHAUST, 1/8"
8	3600167	1	VALVE, CHECK, MINIMUM PRESSURE
9	4900106	1	PLUG, STEEL, #5 ORB, HEX (VITON-O)
10	3600054	1	VALVE, SAFETY 200 PSI
11	A700061	1	PYREX WINDOW KIT
12	4900175	1	CONN, STEEL, #6 JIC - #8 ORB
13	1200852	1	PLATE, MOUNT, FILTER END
14	1200847	1	PLATE, MOUNT, BOLT ON
15	1520601	4	BOLT, HHCS FL PL, M8 X 1.25 X 12
16	6000719	1	SHROUD, FAN, WHASP TANK
17	3501290	1	FAN, PULLER, 7.5"
18	1520590	4	BOLT, HHCS, M6 X 1.X 14 FL PL
19	5000140	1	ELBOW, BRASS, FORGED, 90DEG, 1/8 PIPE
20	3600123	1	VALVE, CHECK, 1/8 NPT
21	5000212	1	CONNECTOR, BRASS, FNPT-POLY, 1/8-1/4
22	4401101	1	LABEL, ATTENTION HOT
23	1520590	4	BOLT, HHCS, M6 X 1.0 X 14 FL PL
24	1560516	4	NUT, M6 X 1.0 FL PL
25	4900133	1	ELBOW, STEEL, JIC/O-RING, 1 1/16-12
26	4900046	1	CONN, STL, 3/4-16 O-RING TO 1/2 TUBE

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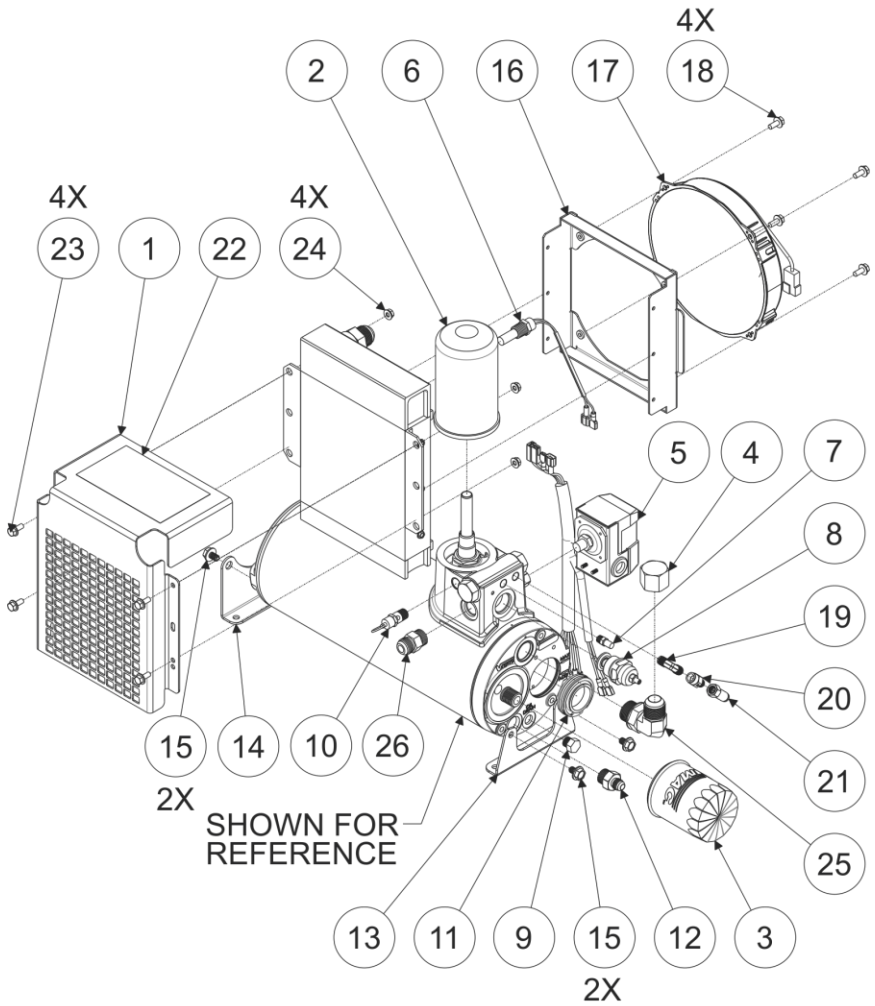


Figure 4 - WHASP Tank Assembly