



VMAC™ SYSTEM #V900040

DATE 01/25/2004 01:36 PM
 PLOT # 1500556

**ILLUSTRATED PARTS LIST SYSTEM V900040 1998½-2001 DODGE 5.9 CUMMINS
24 VALVE DIESEL WITH AIR CONDITIONING**

ASSY.	ITEM	UNIT	QTY	PART#	DESCRIPTION
1.0					Main Bracket Assembly
	1.1	ea	1	1100134	Main bracket
	1.2	ea	2	1300007	Idler, 6 rib
	1.3	ea	2	1400051	Idler bolt spacer
	1.4	ea	2	1510161	1/2" x 1 1/4" NC G8 flange lock HHCS
	1.5	ea	1	1800137	Crankshaft pulley
	1.6	ea	4	OEM	Bolt
	1.7	ea	1	1520147	Bolt HHCS H8 1.25 x20
	1.8	ea	1	3300023	Adjuster Dayco 89211 + fittings
	1.9	ea	2	1560008	8mm x 1.25 nut hex pl
	1.10	ea	1	1400140	A/C stub
	1.11	ea	2	1500399	8mm x 38mm stud
	1.12	ea	1	1520203	8mm x 25mm HHCS full thread
	1.13	ea	3	1570058	5/16 hardened lock washer
	1.14	ea	1	1560406	12mm Nylok nut
	1.15	ea	1	1570048	7/16 SAE washer
	1.16	ea	1	3400016	Fan spacer
	1.17	ea	1	1620248	OEM belt, 8 rib
	1.18	ea	1	1650251	VR70 belt <i>5060755 1650350</i>
	1.19	ea	1	1300008	Idler, Ribbed
	1.20	ea	1	1400129	.080 Spacer
	1.21	ea	1	1520419	Bolt HHCS G10.9 M12. 1.75 x 80
	1.22	ea	1	OEM	Bolt
	1.23	ea	1	OEM	Dished Washer
2.0				P120049	Compressor Assembly
	2.1	ea	1	P120002	VR70 compressor
	2.2	ea	1	9200174	Inlet valve, integrated regulator, short
	2.3	ea	1	1500029	1/4" NC nut, Nylok
	2.4	ea	1	1570038	1/4" SAE washer
	2.5	ea	1	3600045	Filter cover
	2.6	ea	1	1500374	1/4" NC threaded rod, 3 long
	2.7	ea	1	1550221	1/4" NC hex nut
	2.8	ea	1	3600037	Paper filter element
	2.9	ea	1	5000081	1/8 NPT 90 DEG. elbow
	2.10	ea	4	1540375	M8 x 1.25 x 45mm SHCS
	2.11	ea	1	5000020	Connector elbow, 1/4" poly tube - 1/8 NPT male
	2.12	ea	1	5000020	Connector elbow, 1/4" poly tube - 1/8 NPT male
	2.13	ea	1	5000064	1/4" tube x 1/8 pipe 90 DEG elbow
	2.14	ea	1	5000018	Plug, 1/8 NPT hex socket
	2.15	ea	4	1540389	M8 x 1.25 x 18mm low profile SHCS
	2.16	ea	1	9200036	Inlet valve angle adaptor
	2.17	ea	2	2200097	Cable clamp, 1/4"
	2.18	ea	1	1570481	O-ring Washer



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	2.19	ea	1	5830072	5/8 id x 1/16wide oring Vitron
	2.20	ea	1	P200035	Clutch, complete
	2.21	ea	1	5000075	45 DEG elbow, 1/2 " SAE x 1/2 " NPT
	2.22	ea	1	3550363	Temperature probe cable assembly
	2.23	ea	1	4900002	Elbow,Steel JIC/O Ring 1/2" -16
3.0				9203044	Tank Assembly
	3.1	ea	1	9200199	Main tank body
	3.2	ea	2	2200105	Mounting bracket 6 DIA, C/W fasteners
	3.3	ea	1	4800241	Scavenge
	3.4	ea	1	1500077	10- 32 x 3/8 SCHS Button Head
	3.5	ea	1	3200190	Discharge cap
	3.6	ea	1	3600064	Tank rear cap seal
	3.7	ea	1	3600036	Coalescing filter element
	3.8	ea	1	5840068	Compression spring
	3.9	ea	1	5830066	4 3/4" : ID x 1/8 wide Oring VITON
	3.10	ea	1	5000089	Connector 3/8 NPT x 3/8 sae
	3.11	ea	1	3600054	200 PSI relief valve
	3.12	ea	1	1200262	Guard plate
	3.13	ea	1	5830008	15/16 ID x 3/32 wide o-ring Viton
	3.14	ea	1	3200033	Sight glass window
	3.15	ea	1	1500385	Retaining ring
	3.16	ea	1	9200039	Oil Filter
	3.17	ea	1	4900033	3/4" NPTx3/4" 37 DEG JIC steel connector
	3.18	ea	1	4900036	3/4": jic Swivel Not 45deg elbow
4.0					Hose Kit
	4.1	ea	1	1710462	5/16 HT / 87.5 hose w/tube assembly
	4.2	ea	1	1710450	1/4 " HT / 90.5 hose w/tube assembly
	4.3	ea	1	1710293	3/4" AQP / 48 hose c/w 45 DEG elbow
	4.4	ea	1	5000079	1/ 2" x 45 DEG elbow brass
	4.5	ea	1	5000006	1/ 2" NPT x 5/8 hose barb
	4.6	ea	1	2200029	Hose clamp, HS10
	4.7	ea	1	1700027	Heater hose, 150 PSI, 5/8 x 40 long, black
	4.8	ea	1	1710476	1/2 " AQP / 41 long
	4.9	ea	1	1700027	Heater hose, 150 PSI, 5/8 x 50 long, black
	4.10	ea	1	1710215	1/2 " AQP / 66 1/2 long c/w 90 DEG elbow

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ASSY.	ITEM	UNIT	QTY	PART#	DESCRIPTION
5.0				T520057	Throttle Control
	5.1	ea	1	T520039	Throttle Control, mechanical
	5.2	ea	1	9200147	Modified 1/4" tube to 1/8 NPT orifice
	5.3	ea	1	1700055	1/4 " black poly tube, 24 long
	5.4	ea	1	1700334	1/4 " red poly tube, 23 long
	5.5	ea	1	5000020	Connector elbow, 1/4 " poly tube to 1/8 NPT male
	5.6	ea	1	1200242	Throttle control bracket
	5.7	ea	4	1570350	1/4 " internal serr. lock washer
	5.8	ea	4	1510457	1/4" x 5/8 NC G8 HHCS
	5.9	ea	1	1500405	8-32 x 1/4 " SHCS
	5.10	ea	1	3200070	Cable nipple
	5.11	ea	1	3200058	Cable clamp fitting
	5.12	ea	1	1200272	Throttle pull
	5.13	ea	1	1570335	1/4" nylonwasher
	5.14	ea	1	1500491	Cotter pin
6.0					Tank Brackets
	6.1	ea	1	1200244	Tank mounting bracket (rear)
	6.2	ea	2	2200135	Tank cable strap
	6.3	ea	1	2200119	Tank strap flat bar (rear)
	6.4	ea	1	1200243	Tank mounting bracket (front)
	6.5	ea	1	2200125	Tank strap flat bar (front)
	6.6	ea	4	1550066	5/16 NC nut
	6.7	ea	2	1570476	Flat fender washer .125 thick
7.0				4800196	Cooler Assembly
	7.1	ea	1	9200188	Cooler assembly
	7.2	ea	2	5000001	1/2 NPT -5/8 hose barb, 90 DEG elbow
	7.3	ea	2	2200029	Hose clamp, HS10
8.0					Electrical
	8.1	ea	1	3550389	Interface cable
	8.2	ea	1	3550412	Switch box
	8.3	ea	1	3550404	Low profile control panel
	8.4	ea	1	3550523	Drive Disable Circuit
9.0					Misc.
	9.1	ea	1	1200246	Low profile control box bracket
	9.2	ea	2	4800257	Tank Hose Clamp Assembly
	9.3	ea	1	1200109	Radiator bottle bracket
	9.4	ea	2	2200001	Hose clamp MH-6
	9.5	in	11.75	1700030	3/8 hose, 250 PSI
	9.6	ea	1	1200169	ISB alternator bracket
	9.7	ea	1	5300001	5/8 nylon tee
	9.8	ea	3	2200029	Hose clamp, HS10