

**ILLUSTRATED PARTS LIST FOR SYSTEM V900022 - 1998-2001 FREIGHTLINER
FL50,FL60,FL70,FL80 CATERPILLAR 3126 W/WOAC**

ASSY.	ITEM	UNIT	QTY	PART#	DESCRIPTION
1.0					Main Bracket Assembly
	1.1	ea	1	1100116	VR70 main bracket
	1.2	ea	1	1300007	Back idler
	1.3	ea	2	1400051	Idler bolt spacer
	1.4	ea	1	1510161	1/2" x 1 1/4" NC G8 Fl lock HHCS
	1.5	ea	1	2600108	Tensioner
	1.6	ea	1	1300008	Ribbed idler
	1.7	ea	1	1300008	Ribbed idler
	1.8	ea	1	1510161	1/2" x 1 1/4" NC G8 Fl lock HHCS
	1.9	ea	1	1650308	VR70 Belt
	1.10	ea	2	1800131	VR70 Pulley
	1.11	ea	1	3400022	Fan Spacer
	1.12	ea	6	3400040	Fan Spacer
	1.13	ea	1	3400047	Fan Spacer
2.0					Compressor assembly
	2.1	ea	1	P120002	VR7000 Compressor
	2.2	ea	1	P200035	Clutch complete 6 groove
	2.3	ea	1	5830004	O-Ring Viton 3 1/8 ID x 1/8 wide
	2.4	ea	1	2200097	Cable clamp
	2.5	ea	1	3550363	Temperature probe
	2.6	ea	1	1200164	Compressor Pulley Guard
	2.7	ea	1	1550029	1/4" NC Nut Nylok
	2.8	ea	1	1570038	1/4" Flat washer
	2.9	ea	1	3600042	Filter Cover
	2.10	ea	1	1500374	Threaded rod 1/4" NC x 3"
	2.11	ea	1	1550221	1/4" NC Nut
	2.12	ea	1	3600037	Paper Filter Element
	2.13	ea	1	5000081	Elbow, brass NPT - Tube, 1/8"-5/16"
	2.14	ea	1	4900046	Connector, steel O-ring 1/2"-3/4" - 16
	2.15	ea	1	5830072	Viton O ring 5/8 ID x 1/16 wide
	2.16	ea	1	1570481	3/4" O ring washer
	2.17	ea	1	5000020	Elbow, Brass NPT- poly 1/8"-1/4"
	2.18	ea	1	5000085	Elbow, NPT-SAE 45 Deg 1/8"-1/4"
	2.19	ea	1	9200175	Inlet Control Valve Integrated long
	2.20	ea	2	1540375	M8 x 1.25 x 45 SHCS
	2.21	ea	1	4900032	Connector 1 male BSPP-3/4"male 37 Deg. tube
	2.22	ea	2	1540427	M8 x 1.25 x 60 SHCS

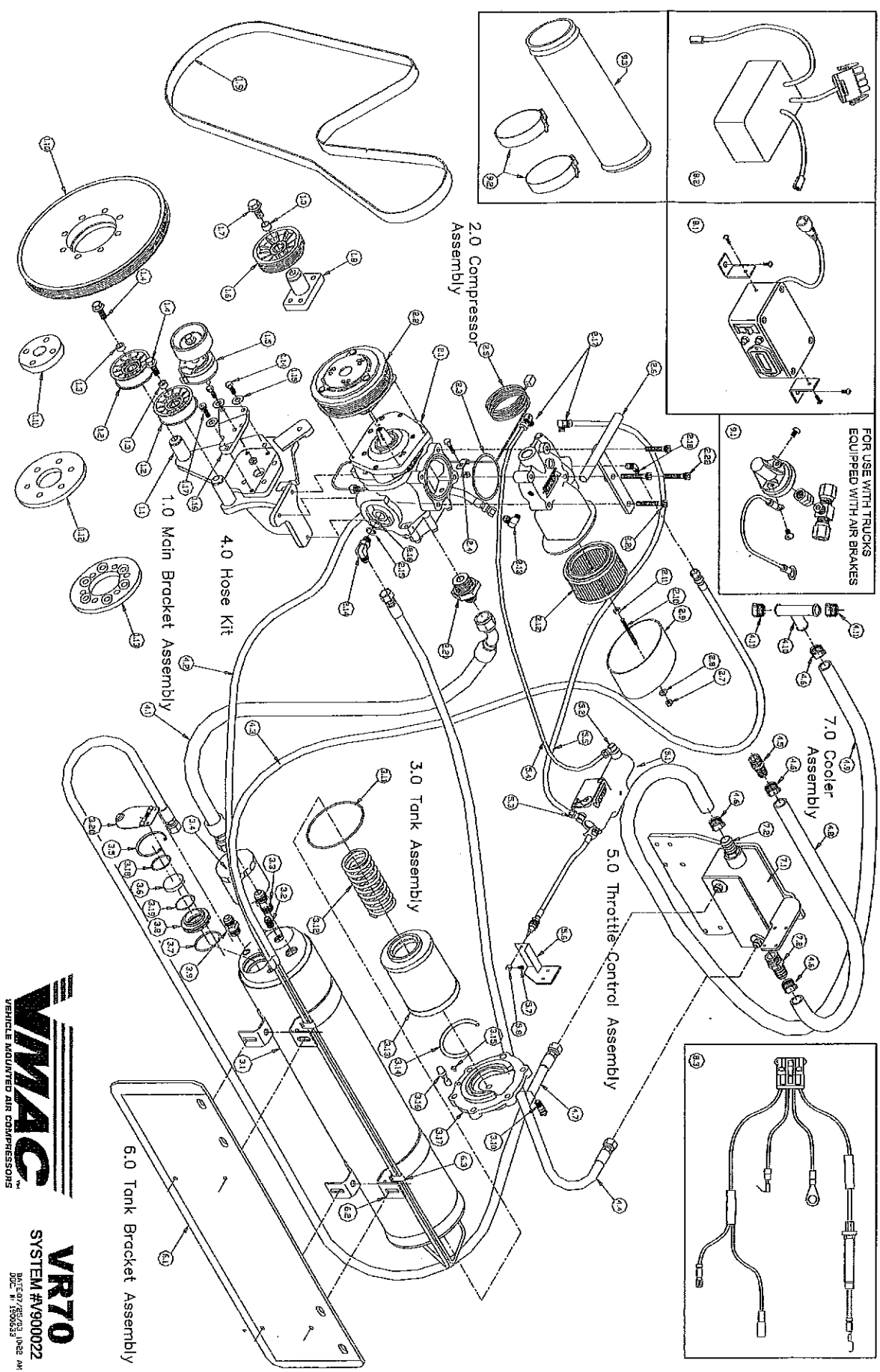


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ASSY.	ITEM	UNIT	QTY	PART#	DESCRIPTION
3.0					Tank Assembly
	3.1	ea	1	9200199	Main tank body
	3.2	ea	1	4900035	Nipple, steel straight thread 3/4"-16
	3.3	ea	1	4900033	3/4" NPT3/4" JIC steel connector
	3.4	ea	1	9200039	VR70 oil filter
	3.5	ea	1	1500385	Retaining ring
	3.6	ea	1	3200033	Sight glass window
	3.7	ea	1	5830008	O-Ring 1 15/16 " ID x 3/32" wide Viton
	3.8	ea	1	1200262	Guard plate
	3.9	ea	1	5000089	3/8 " NPT 1/2" SAE Brass connector
	3.10	ea	1	3600054	200PSI Relief valve
	3.11	ea	1	5830066	O ring 4 3/4" ID x 1/8 wide Viton
	3.12	ea	1	5840068	Compression spring
	3.13	ea	1	3600036	Coalescing filter element
	3.14	ea	1	3600064	Tank rear cap seal
	3.15	ea	1	1500077	Button head SHCS
	3.16	ea	1	4800241	Scavenge screen barb assembly
	3.17	ea	1	3200190	Tank discharge cap
4.0					Hose kit
	4.1	ea	1	1710359	Hose, AQP, W/45 degree elbow,3/4"x 66.5 (main air line)
	4.2	ea	1	1710511	Hose, HT w/tube assembly, 5/16 " x 106.5" (scavenge line)
	4.3	ea	1	1710510	Hose, HT w/tube assembly 1/4 " x 109" (pressure control line)
	4.4	ea	1	1710360	Hose, AQP w/elbow, 1/2 " x 26" (tank to cooler)
	4.5	in	34	1700027	Hose, Heater 5/8 " x 34"
	4.6	ea	4	2200029	Clamp, hose HS10
	4.7	ea	1	1710362	Hose, AQP,1/2" x 83"
	4.8	ea	2	5000006	Hose barb 1/2" - 5/8"
	4.9	ea	1	5000070	Hose barb 3/4"- 5/8"
	4.10	ea	1	5000038	Connector, brass, coupling 1/2"
	4.11	in	34	1700027	Hose, Heater 5/8 " x 34"
	4.12	in	48	1700027	Hose, Heater 5/8" x 48"
5.0					Electrical
	5.1	ea	1	T520039	VR70 Throttle control
	5.2	ea	1	5000020	1/8" NPT-1/4" tube 90 Deg. Elbow
	5.3	ea	1	9200147	Orifice fitting 90 Deg. Elbow
	5.4	in	18	1700055	1/4" black poly tube
	5.5	in	24	1700055	1/4" red poly tube
	5.6	ea	1	1200198	Throttle pull bracket
	5.7	ea	1	1500405	8 x 32 x 1/4" SHCS

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6.0					Tank Brackets
	6.1	ea	1	1200224	Tank mount
	6.2	ea	2	2200105	Universal mounting bracket
	6.3	ea	2	2200133	Tube clamp 1/4" double
7.0					Cooler Assembly
	7.1	ea	1	9200209	VR7000 Cooler
	7.2	ea	2	5000084	Elbow NPT/hose 3/4 " x 3/4 "
8.0					Electrical
	8.1	ea	1	1200194	Control box mount
	8.2	ea	1	3550412	Switching box
	8.3	ea	1	3550419	Interface cable
9.0					Miscellaneous
	9.1	ea	1	4800161	Air brake pressure switch assembly



VMAC
VEHICLE MOUNTED AIR COMPRESSORS

VR70
SYSTEM #V900022
DATE 07/25/03 10:22 AM
DOC # 150653