



Vehicle-Integrated Air System Application

VMAC designs and manufactures the most compact and powerful mobile air

VMAC Vehicle-Integrated Air Systems include:

- Underhood 30 CFM - Truck Series Air Compressors (VR30)
- Underhood 30 CFM - Van Series Air Compressors (VR30)
- Underhood 70 CFM Air Compressors (VR70)
- Underhood 70 CFM - Green Series Air Compressors (VR70G)
- Underhood 150 CFM Air Compressors (VR150)
- Transmission Mounted 70 CFM Air Compressors (DTM70)

Green Series Air Compressors: Improves fuel economy and saves money on fuel every day. VMAC Intelligent Digital Controls turn your truck engine off when air isn't needed and turn your truck engine back on when air is needed again. Auxiliary air receiver tank rated to 200psi required.

Vehicle-Integrated Mounting Kits:

VMAC engineers truck mounting kits for the easiest possible installation. Working closely with leading vehicle manufacturers, VMAC ensures that mounting kits do not affect OEM warranties. Please refer to the specific Vehicle Manufacture page in this Application List for VMAC part numbers and vehicle specific fitment requirements.

Vehicle-Integrated Mounting Kits are available for:

- FORD See pages 2-5
- GMC/CHEVROLET See pages 6-8
- DODGE/RAM See pages 9-10
- OTHER See pages 11-12

NOTES FOR CONSIDERATION:

- The following specifications are subject to change without notice.
- Trucks with running boards or other OEM or aftermarket accessories may need slight modification for air system installation.
- * Denotes that a new model year confirmation is pending - call VMAC Sales for availability - 1-877-912-6605.
- A Lisle 43300 Pneumatic Fan Clutch Wrench is recommended for all installations. This tool will replace both VMAC tools 5900094 & 5900219.
- A JR2386 Flywheel Holding Tool is required for GMC/Chevrolet Vortec kits.
- Max CFM is ASME tested CFM at highest recommended vehicle engine RPM.

DISCLAIMER ON INSTALL TIMES: Install times are based upon having pre-read the install manual, being an experienced installer, and having the tools, system and vehicle prepped for install. Times may vary plus/minus 4 hours of the suggested install times published in this document.

All VMAC air systems feature the patented VMAC rotary screw air compressor which includes a VMAC Lifetime Warranty.



VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer



* call for availability

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time	
		To	From								
6.7L Power Stroke V8 Diesel	F250-F550 SuperDuty	2017	2017	VR70	V900140	Battery relocation required.		70	175	18-22	
				VR150	V910020	Battery relocation required. AOST Inboard Mounting Kit A700250 recommended for F350-F550 chassis-cab trucks (no pick-ups) without midship fuel tank. See tech bulletin EXT-ACC-002 . Additional hose lengths not included.		101	175	18-22	
				DTM70	DM00011			70	175	16-18	
	F250-F450 (F550**) SuperDuty			VR30	V300011*	Will not fit dual alternator trucks. Trucks without secondary cooling system water pump with integrated mounting ears require adapter kit A900018 . See tech bulletin EXT-VL-001 . **Limited fitment available dependent on alternator configuration. Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	6-8	
	F250-F550 SuperDuty	2016	2011	VR70	V900130			70	175	24-27	
				VR70G	V90G120	Auxiliary air receiver tank rated to 200psi required.		70	175	27-30	
				VR150	V910010			113	175	25-27	
				VR30	V300001	Will not fit dual alternator trucks - call for info on tech bulletin EXT-VL-002 . Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	6-8	
				DTM70	DM00001		5900272	70	175	16-18	
	F650-F750 Super Duty	2017	2016	VR150	V910017	Will not fit trucks with air brakes or air suspension or where OEM air compressor fitted.		106	175	18-22	
				DTM70	DM00002			70	175	16-18	
								5900272 - Cab Clearancing Tool			
								A900018 - Water Pump Compatibility Adaptor Kit			

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.4L Power Stroke V8 Diesel	F250-F550 SuperDuty	2010	2008	VR70	V900110	Will not fit trucks with dual alternators - call for info on tech bulletin EXT-VR-077 .	5900219	70	175	10-12
		2010	2008	VR150	V910008			142	175	11-13
5900219 - Water Pump Wrench (Lisle 43300 can be substituted)										

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.0L Power Stroke V8 Diesel	F250-F550 SuperDuty	2007	2005	VR70	V900080	A900002		70	175	10-12
				VR150	V910006	A910002		145	175	14-16
		2004	2003.25	VR70	V900080	A900001	5900083	70	175	10-12
				VR150	V910006	A910001	5900094	145	175	14-16
Will not fit dual alternator trucks unless converted to single alternator system. Call for info if converting to single alternator system - will require A700103 Jumper.										
5900083 - AC Bending Tool, 5900094 - Fan Wrench Tool (Lisle 43300 can be substituted)										
A900001, A900002, A910001 & A910002 - Throttle Control & Cooler Adaptor Kit										

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		To	From							
6.8L Triton V10 Gas	F450-F550 SuperDuty	2017	2017	VR70	V900121			70	175	10-12
				VR150	V910021	AOST Inboard Mounting Kit A700250 recommended for F350-F550 chassis-cab trucks (no pick-ups) without midship fuel tank. See tech bulletin EXT-ACC-002 . Additional hose lengths not included.		106	175	10-12
		2016	2011	VR70	V900111		5900245	70	175	10-12
				VR70G	V90G111	Auxiliary air receiver tank rated to 200psi required.		70	175	14-16
	VR150	V910011		106	175	11-13				
	F650-F750 SuperDuty	2017	2011	VR150	V910016	Hydraulic brakes only.		106	175	11-13
	F250-F550 SuperDuty	2010	2008	VR150	V910009			123	175	11-13
5900245 - AC Bending Tool										

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.2L Boss V8 Gas	F250-F350 SuperDuty	2017	2017	VR30	V300012			30	150	10-12
				VR70	V900122	Dual batteries will require adaptor kit A900016 . (Ford order code 86M)		70	175	10-12
				VR150	V910022	Dual batteries will require adaptor kit A900016 . (Ford order code 86M) AOST Inboard Mounting Kit A700250 recommended for F350-F550 chassis-cab trucks (no pick-ups) without midship fuel tank. See tech bulletin EXT-ACC-002 . Additional hose lengths not included.		109	175	10-12
		2016	2011	VR70	V900112			70	175	10-12
				VR150	V910012			109	175	10-12
A900016 - Battery Relocation Adaptor Kit										

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
3.7L Duratec V6 Gas	Transit	2017	2013	VR30	V300014	Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	8-10

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
3.5L EcoBoost V6 Gas	Transit	2017	2013	VR30	V300009	Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	16-20

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Vehicle Manufacturer   * call for availability

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.6L Duramax V8 Diesel	C/K 2500HD - C/K 3500HD	2017	2017	VR70	V900133*	**Dual alternator trucks.	5900010 5900076	60	175	14-16
		2016	2015	VR70	V900113			70	175	12-14
		2014	2011	VR70		**Dual alternator trucks. 2011-2014 trucks require adaptor kit A900010 .		70	175	12-14
		2010	2007	VR70	V900103	**Dual alternator trucks. Will fit Reg/Ext cab mfg after 4 Feb 2007; Crew Cab mfg after 25 Mar 2007; Dually mfg after 29 April 2007		70	175	10-12
**Dual alternator call for info on tech bulletin EXT-VR-089 .										
5900010 - Crank Locking Tool (Lisle 22100 can be substituted) , 5900076 - Crank Pin Removal Tool										
A900010 - Tank Mount Adaptor Kit										

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.0L Vortec V8 Gas	C/K 2500HD Pick Up C/K 3500HD Pick Up & Chassis Cab	2017	2012	VR70	V900127	RPO Code NV8 - requires adaptor kit A900017 , call for info on tech bulletin EXT-VR-017 . RPO code L96 required.		70	175	8-10
		2011	2011	VR70	V900117			70	175	8-10
		2017	2011	VR30	V300007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L96 required.		30	150	6-8
	C/K 2500HD - C/K 3500HD	2010	2007	VR70	V900108	Must have 8th digit "G" or "U" in VIN #. RPO code JL1 (trailer brake controls) use adaptor kit A900007 .		70	175	8-10
	C/K 2500HD - C/K 3500HD GMT900	2010	2007	VR70	V900107	Must have 8th digit "K" in VIN #. RPO code JL1 (trailer brake controls) use adaptor kit A900007 . Will fit Reg/Ext Cab mfg after 4 Feb 2007; Crew Cab mfg after 25 Mar 2007; Dually mfg after 29 April 2007		70	175	8-10
	Savana G Series & Express Van	2017	2017	VR30	V300015	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L96 required.		30	150	6-8
		2016	2011	VR30	V300005			30	150	6-8
	A900007 - Inlet Spacer Adaptor Kit , A900017 - Active Hydraulic Assist (AHA) Relocation Adaptor Kit									

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
5.3 L Vortec V8 Gas	2500 - 3500 Pick Up & Chassis Cab	2017	2011	VR30	V300007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code LY5 or LH6 required.		30	150	6-8
	Savana G Series & Express Van	2017	2017	VR30	V300015			30	150	6-8
		2016	2011	VR30	V300005			30	150	6-8

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
4.8 L Vortec V8 Gas	2500 - 3500 Pick Up & Chassis Cab	2017	2011	VR30	V300007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L20 required.		30	150	6-8
	Savana G Series & Express Van	2017	2017	VR30	V300015			30	150	6-8
		2016	2011	VR30	V300005			30	150	6-8

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RAM



Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time	
		To	From								
6.7L Cummins 24V Inline 6 Diesel	3500-5500 Chassis Cab 2500-3500 Pick Up	2017	2015	VR70	V900136	**Dual alternator trucks call for info on tech bulletin EXT-VR-001 . 2500 - 3500 Pick up & 3500 Chassis Cab require adaptor kit A900008.		70	175	18-24	
	3500-5500 Chassis Cab			VR70G	V90G136***			70	175	20-30	
		VR150	V910023		100		175	18-26			
	3500-5500 Chassis Cab 2500-3500 Pick Up	2014	2013	VR70	V900126			70	175	18-24	
	3500-5500 Chassis Cab			VR70G	V90G126***			70	175	20-30	
				VR150	V910013			100	175	18-26	
	3500-5500 Chassis Cab 2500-3500 Pick Up	2017	2013	VR30	V300006	**Dual alternator trucks call for info on tech bulletin EXT-VR-001 . Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	6-8	
	2500-3500 Chassis Cab & 4x4 Pick Up			VR70	V900114	With air conditioning only; will not fit 4x2 pick up truck.		70	175	10-12	
			2009	2007	VR70	V900104		5900220	70	175	10-12
	4500-5500 Chassis Cab	2012	2011	VR70	V900116	With air conditioning only		70	175	10-12	
				2010	2008		VR70	V900106		5900220	70
	***VR70G - AISIN automatic transmission only; must have PTO prep package (option code LBN); cannot have keyless remote start system (option code XBM). Auxiliary air receiver tank rated to 200psi required.										
							5900220 - Fan Countersink Tool				
							A900008 - Tank Mount Adaptor Kit				

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
5.9L Cummins 24V Inline 6 Diesel	2500-3500	2009	2007	VR70	V900094			70	175	10-12
3.6L Pentastar V6 Gas	Promaster	2017	2014	VR30	V300002	Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		30	150	8-10
5.7L HEMI V8 Gas	2500-3500 Pick Up	2017	2014	VR70	V900118	Will not fit dual alternator trucks - call for info on tech bulletin EXT-VR-145 . 5.7L HEMI requires adaptor kit A900011 .	5900245	70	175	14-16
6.4L HEMI V8 Gas								70	175	14-16
5.7L HEMI V8 Gas	3500-5500 Chassis Cab	2017	2014	VR70	V900119		5900245	70	175	14-16
6.4L HEMI V8 Gas								70	175	14-16
							5900245 - AC Bending Tool			
							A900011 - Fan Spacer Adaptor Kit			

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
3.0L BlueTec V6 Turbo Diesel	Sprinter	2017	2010	VR30	V300003	No Mercedes-Benz auxiliary kits can be installed. Minimum 6 gallon auxiliary tank is necessary for optimal system operation.	5900252 & 5900254	30	150	12-14
5900252 - Counter Rotation Tool, 5900254 - Sprinter Tool Handle (Mercedes tools A1260 & AST4394 can be substituted)										



Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
Maxxforce 7 V8 Diesel	Class 4/5 Terrastar 4 x 4	2016	2011	VR70	V900109	4 x 2 will require adaptor kit A900009		70	175	8-9
A900009 - Tank Mount Adaptor Kit										

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
6.7L Cummins 24V Inline 6 Diesel	4500-5500 Chassis Cab	2009	2007	VR70	V900106	With air conditioning only	5900220	70	175	10-12
							5900220 - Fan Countersink Tool			

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Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
4.2L IHZ 12 V Inline 6 Diesel	Landcruiser HZI 79 Pickup/Chassis	2017	2015	VR70	V900124	Without Air Conditioning only		70	175	10-12

Vehicle Manufacturer



Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	Install Time
		To	From							
2.8L VM Motori 4 cylinder Diesel	J8	2015	2014	VR70	V900125			70	175	6-8