



Vehicle-Integrated Air System Application

VMAC designs and manufactures the most compact and powerful mobile air

VMAC Vehicle-Integrated Air Systems include:

- Underhood 40 CFM - Truck Series Air Compressors (VR40)
- Underhood 40 CFM - Van Series Air Compressors (VR40)
- Underhood 70 CFM Air Compressors (VR70)
- Underhood 70 CFM - Green Series Air Compressors (VR70G)
- Underhood 150 CFM Air Compressors (VR150)
- Direct-Transmission Mounted 70 CFM Air Compressors (DTM70 & DTM70-H)

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.

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: FORD

* 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
		To	From						
6.7L Power Stroke V8 Diesel	F250-F550 SuperDuty	2018	2017	VR70	V900140	Battery relocation required.		70	175
				VR150	V910020	Battery relocation required. AOST Inboard Mounting Kit A700250 recommended for F350-F550 chassis-cab trucks (no pickups) without midship fuel tank. See tech bulletin EXT-ACC-002 . Additional hose lengths not included.		101	175
				DTM70	DM00011			70	175
				DTM70-H	DM20011	Various pump options available. See below		70	175
	F250-F450 (F550**) SuperDuty	2016	2011	VR40	V400011*	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.		40	150
	VR70			V900130			70	175	
	VR70G			V90G120	Auxiliary air receiver tank rated to 200psi required.		70	175	
	VR150			V910010			113	175	
	F650-F750 Super Duty	2018	2016	DTM70	DM00001		5900272	70	175
				VR150	V910017	Will not fit trucks with air brakes or air suspension or where OEM air compressor fitted.		106	175
				DTM70	DM00002			70	175
				5900272 - Cab Clearancing Tool					
	A900018 - Water Pump Compatibility Adaptor Kit								
	4500150 - DTM70-H Hydraulic Pump - (8.1 - 14.9 GPM @ 3,265 psi)								
4500149 - DTM70-H Hydraulic Pump - (7.4 - 13.6 GPM @ 3,410 psi)									
4500148 - DTM70-H Hydraulic Pump - (4.9 - 10.7 GPM @ 3,265 psi)									
4500147 - DTM70-H Hydraulic Pump - (3.5 - 8.0 GPM @ 3,265 psi)									

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Vehicle Manufacturer: FORD

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		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
		2010	2008	VR150	V910008			142	175
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
		To	From						
6.8L Triton V10 Gas	F450-F550 SuperDuty	2018	2017	VR70	V900121			70	175
				VR150	V910021	AOST Inboard Mounting Kit A700250 recommended for F350-F550 chassis-cab trucks (no pickups) without midship fuel tank. See tech bulletin EXT-ACC-002 . Additional hose lengths not included.		106	175
		2016	2011	VR70	V900111		5900245	70	175
				VR70G	V90G111	Auxiliary air receiver tank rated to 200psi required.		70	175
				VR150	V910011			106	175
	F650-F750 SuperDuty	2018	2011	VR150	V910016	Hydraulic brakes only.		106	175
5900245 - AC Bending Tool									

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Vehicle Manufacturer: FORD

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
6.2L Boss V8 Gas	F250-F350 SuperDuty	2018	2017	VR40	V400012			40	150
				VR70	V900122	Dual batteries will require adaptor kit A900016 . (Ford order code 86M)		70	175
				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
		2016	2011	VR70	V900112			70	175
				VR150	V910012			109	175
A900016 - Battery Relocation Adaptor Kit									

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
3.7L Duratec V6 Gas	Transit	2018	2013	VR40	V400014	Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		40	150

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
3.5L EcoBoost V6 Gas	Transit	2018	2013	VR40	V400009	Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		40	150

VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer: GMC / Chevrolet

* 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
		To	From						
6.6L Duramax V8 Diesel	C/K 2500HD - C/K 3500HD	2018	2017	VR70	V900133*	**Dual alternator trucks.	5900010 5900076	60	175
		2016	2015	VR70	V900113			70	175
		2014	2011	VR70		**Dual alternator trucks. 2011-2014 trucks require adaptor kit A900010 .		70	175
**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									

VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer: GMC / Chevrolet

* 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
		To	From						
6.0L Vortec V8 Gas	C/K 2500HD Pick Up C/K 3500HD Pick Up & Chassis Cab	2018	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
		2011	2011	VR70	V900117			70	175
		2018	2011	VR40	V400007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L96 required.		40	150
	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
	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
	Savana G Series & Express Van	2018	2017	VR40	V400015	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L96 required.		40	150

A900007 - Inlet Spacer Adaptor Kit , A900017 - Active Hydraulic Assist (AHA) Relocation Adaptor Kit

VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer: GMC / Chevrolet

* 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
		To	From						
5.3 L Vortec V8 Gas	2500 - 3500 Pick Up & Chassis Cab	2018	2011	VR40	V400007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code LY5 or LH6 required.		40	150
	Savana G Series & Express Van	2018	2017	VR40	V400015			40	150

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
4.8 L Vortec V8 Gas	2500 - 3500 Pick Up & Chassis Cab	2018	2011	VR40	V400007	Minimum 6 gallon auxiliary tank is necessary for optimal system operation. RPO code L20 required.		40	150
	Savana G Series & Express Van	2018	2017	VR40	V400015			40	150

VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer: RAM

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi	
		To	From							
6.7L Cummins 24V Inline 6 Diesel	3500-5500 Chassis Cab 2500-3500 Pick Up	2018	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	
	3500-5500 Chassis Cab			VR70G	V90G136***			70	175	
			VR150	V910023			100	175		
	3500-5500 Chassis Cab 2500-3500 Pick Up	2014	2013	VR70	V900126			70	175	
	3500-5500 Chassis Cab			VR70G	V90G126***			70	175	
				VR150	V910013			100	175	
	3500-5500 Chassis Cab 2500-3500 Pick Up	2018	2013	VR40	V400006		**Dual alternator trucks call for info on tech bulletin EXT-VR-001 . Minimum 6 gallon auxiliary tank is necessary for optimal system operation.		40	150
	2500-3500 Chassis Cab & 4x4 Pick Up	2012	2010	VR70	V900114		With air conditioning only; will not fit 4x2 pick up truck.		70	175
	4500-5500 Chassis Cab	2012	2011	VR70	V900116		With air conditioning only		70	175
***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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Vehicle Manufacturer: RAM

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
5.7L HEMI V8 Gas	2500-3500 Pick Up	2018	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
6.4L HEMI V8 Gas								70	175
5.7L HEMI V8 Gas	3500-5500 Chassis Cab	2018	2014	VR70	V900119		5900245	70	175
6.4L HEMI V8 Gas								70	175
								5900245 - AC Bending Tool	
								A900011 - Fan Spacer Adaptor Kit	

VMAC Vehicle-Integrated Air System Application List

Vehicle Manufacturer: Mercedes-Benz / Freightliner

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		To	From						
3.0L BlueTec V6 Turbo Diesel	Sprinter	2018	2010	VR40	V400003	No Mercedes-Benz auxiliary kits can be installed. Minimum 6 gallon auxiliary tank is necessary for optimal system operation.	5900252 & 5900254	40	150
5900252 - Counter Rotation Tool, 5900254 - Sprinter Tool Handle (Mercedes tools A1260 & AST4394 can be substituted)									

Vehicle Manufacturer: International

Engine	Chassis	Model year		System Type	VMAC Part #	Special Fitment Requirements/Tech Bulletin/Adaptor Kit	VMAC Tools Required	Max CFM	Max psi
		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
A900009 - Tank Mount Adaptor Kit									