

SUREFIT SYSTEMS™

Model Specific Systems For Classics



If you're planning to air condition one of the popular "late model" muscle cars or pickups, one of our SureFit kits is the simple and easy choice.

While most "early model" street rods require a somewhat custom configured air conditioning package (See Page 43), later cars, from the sixties and up, usually maintain most of the factory sheet metal and body features, which allows us to engineer "vehicle specific" complete systems, which we call our SureFit series kits. The ever-increasing value of these "late model" cars and trucks, particularly Corvettes, "pony cars," and muscle cars of the '60s, further encourages us to engineer these kits to be installed using as many of the factory-drilled holes and brackets as possible to maintain the vehicle's value. In some cases, very minor adjustments or an extra hole may be required. This is because all auto manufacturers made changes to their vehicle assembly

The under-hood components are designed to mount to stock engine bolt points (although we can accommodate many custom engine swaps). In most cases, the condenser



assembly mounts to stock core support mount points. Again, because of production design changes, you may need to modify some mounting points slightly. Each SureFit kit features many components designed by our engineers specifically for each vehicle application. Components such as pre-formed aluminum lines, condenser mounted drier, engine brackets and a replacement glove box insert give these systems a clean, finished looking installation. The best news is, because our entire SureFit evaporator/heater case is mounted inside the car behind the dash, this clears the firewall/engine area of your car or truck of those big, ugly factory A/C housings! Each SureFit kit contains a vehicle-specific firewall cover panel to seal off the opening left from the removal of the OEM system, and provides refrigerant line and heater hose routing. They are also easily adapted to a smooth or filled firewall.

The Vintage Air SureFit kits are the best value and the most completely engineered air conditioning systems you can install in your classic car or truck. Add the fact that Vintage Air has been the most respected name in performance aftermarket climate control systems for forty years, and the choice is obvious!



designs during production runs. But we always try to minimize any required vehicle alterations. SureFit kits also offer the most complete and straightforward installations available anywhere. Our award-winning instruction booklets and carefully engineered system packages should make your SureFit installation job simple, fun and very cool!

Our SureFit kits are designed to place the evaporator case and air duct hoses behind the dash for a factory-clean look. In most cases, the SureFit system will be controlled by your stock dash controls using our exclusive patented "Cable Converters". In some applications, a new "factory" look control panel is included with the kit. Some early truck kits must use additional switches.

All SureFit systems provide full OEM-style operations including air conditioning, floor or vent exit heating and a powerful dehumidified defroster. To retain a true factory look, the A/C air exits through the factory dash louvers, if originally equipped in your car's dash.

IN-HOUSE ENGINEERING

Vintage Air is constantly improving and reinventing performance climate control technology. Most of our product design and engineering is done on our computers using Pro Engineer CAD modeling software. This allows us to "virtually" test thousands of ideas and performance criteria before ever building a prototype system. We don't sell any product until it has been proven to perform.





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Why Are Some Kits Gen II And Some Kits Gen IV?

As you look through the following pages, please note that some of our SureFit kits incorporate our exclusive Gen IV Technology, while some others feature our proven Gen II Technology. And a few applications are still available with the conventional cable/vacuum controlled modes. We are on a continuing drive to create new applications and to evolve all of our kits to the Gen IV or Gen II electronic control functions. Space limitations most often dictate the use of the smaller Gen II evaporators, yet we still achieve the high level of performance expected. And finally, some customers just prefer the familiarity of conventional cable-operated systems.



Vintage Air
Cable Converters
U.S. Patented #7,971,445B2

What Are Cable Converters?

Converting the conventional mechanical movements of levers and cables found in most early OEM air conditioning systems into a controllable electronic impulse is an engineering challenge. But our great team of engineers has developed and patented the coolest little solution to the problem you can imagine. Not only do these bolt-in sliding units mimic the action of the original cable control functions, they actually “learn” the travel of the original levers and adjust the fully-closed to fully-open requirements of each SureFit system, with no other adjusting necessary!

A “Complete Kit” Or An “Evaporator” Kit?

You will see two separate part number categories on the following application pages. “Evaporator” kits include: evaporator and bracket, louvers (when required), duct hose, wiring harness, new controls or Cable Converters, hardware and installation manual. Essentially all the components and accessories for the inside of the vehicle.

The “Complete Kit” is just as it sounds and includes: everything above, plus all under-hood components such as compressor, engine brackets, condenser with brackets, pre-formed refrigerant lines, drier, fittings, hardware and installation manual. We recommend ordering a complete kit for reliability and optimum performance.

Why replace your worn out OEM air conditioning system with a new Vintage Air “SureFit” kit?

Consider these benefits:

1. SureFits cost about the same as replacing only an original compressor/evaporator on most cars.
2. Gen IV systems incorporate modern technology. No balky control cables or sticking vacuum doors
3. You get a full 3-year warranty and a system designed to outperform your original system. Uses R-12 or environmentally friendly HFC 134a refrigerant.
4. SureFit systems retain the factory look inside your vehicle, yet improve the under hood appearance by eliminating the heavy factory equipment.
5. Optional ProLine Series components are compatible with most SureFit systems.
6. Some 1960s and many 1970s cars cannot be calibrated to work optimally with 134a refrigerant.

Vintage Air SUREFIT™ Application Guide

Vintage Air Manufactures These Vehicle Specific Systems			Gen IV Electronic System	Gen II Electronic System	Cable or Cable/Vacuum System	User Factory Controls (Control Panel not Included)	Vintage Air Replacement Controls (Included)	Catalog 40 Page Numbers	
Chevy	1955-57	Tri-Five Cars	■			■		14-15	
	1958-62	Corvette	■				■	16-17	
	1963-67	Corvette	■				■	16-17	
	1968-76	Corvette	■			■		16-17	
	1967-69	Camaro	■			■		18-19	
	1970-81	Camaro	■				■	18-19	
	1964-65	Chevelle	■			■		20-21	
	1966-67	Chevelle/El Camino	■			■		20-21	
	1968-72	Chevelle/El Camino	■				■	20-21	
	1962-65	Chevy II/ Nova	■				■	22-23	
	1966-72	Nova	■			■		22-23	
	1959-60	Impala	■			■		24	
	1961-64	Impala	■			■		25	
	1964-67	GTO	■			■		26	
Pontiac	1967-68	Firebird <small>Same As Camaro System</small>	■			■		27	
	1969	Firebird	■			■		27	
	1970-81	Firebird	■				■	27	
Oldsmobile	1968-72	Cutlass	■				■	28	
Mopar	1966-67	Coronet/Charger	■				■	30	
	1966-67	Belvedere/Satellite/GTX	■			■		31	
	1968	Coronet/Super Bee/Charger	■				■	30	
	1968	Road Runner/Satellite/GTX	■				■	31	
	1969-70	Coronet/Super Bee/Charger	■				■	30	
	1969-70	Road Runner/Satellite/GTX	■				■	31	
	1970-74	Barracuda/Cuda	■				■	29	
	1970-74	Challenger	■				■	29	
Ford	1964-65	Falcon/Ranchero	■			■		32-33	
	1964 ½	-66 Mustang	■			■		32-33	
	1967-68	Mustang	■			■		32-33	
	1969-70	Mustang	■			■		32-33	
Mercury	1967-68	Cougar (with factory a/c)	■			■		32-33	
Chevy/GMC Trucks	1947-55	Trucks First Series Chevy Truck	■				■	34	
	1947-53	GMC Trucks	■				■	34	
	1955-59	Chevy Trucks	■				■	35	
	1960-63	Chevy Trucks	■				■	36	
	1964-66	Chevy Trucks	■			■		36	
	1967-72	Chevy/GMC Trucks	■			■		37	
	1973-87	Chevy/GMC Trucks	■				■	38	
	Ford Trucks	1953-56	Ford Trucks		■			■	39
		1966-77	Bronco	■				■	40
	Landcruiser	1968-83	Landcruiser			■		■	41
Studebaker	1949-59	Studebaker Truck		■			■	41	

FACTORY TOUR

Our purchasing department controls the flow of raw materials for daily manufacturing. Buyers (L-R) Mike Anguiano and Stephen Walton are responsible for all out-sourced parts and their expected arrival. Assuring we always have raw materials on hand ensures the shortest turnaround possible from the time you place your order to the time it leaves our manufacturing facility.

