

COOLINGMIST VC2 Stage 1 and 2 basic universal instructions and guidelines.

PUMP: Depending on what model you purchased you will have the 150 psi pump or the high pressure 200-250 PSI pump. The high pressure psi pump is pre-set to 200 PSI. If you need to adjust turn hex key ¼ turn to the right to adjust to 250 PSI. The 150 psi pump is not adjustable. If your kit has a checkvalve you must install the pump below the tank to gravity feed (except with our trunkmount tank). Pump should be no more than 6 feet from the tank.

INJECTOR: If you ordered dual injectors or multi port setup you will receive equal sized nozzles sized to your horsepower range. If you order with the standard setup you will receive 1 injector sized to your horsepower range. The injector is 1/8th NPT. You should tap the pipe between the intercooler and the throttle body. For carb setups you may need a spacer plate. For roots style superchargers you will need to inject prior to the supercharger. The injector is a 1/8th NPT. You need a 27 thread per inch standard tap and a 11/32 drill bit to drill the hole. If you have multiple jets try to space them atleast 6 inches apart.

WIRING: Your kit will ship standard with 20 feet of primary wire. This is sufficient for most installations. Under some circumstances you may need more wiring. Always use 16 gauge wire for power/ground and 22 gauge for the smaller signal wires.

VC2 CONTROLLERS: The VC2 inject based on boost only by default. This can be changed in the configuration. Set the min/max boost on the controller by turning the knob clockwise. The VC2/CMGS will display boost by default. You can make it display the dutycycle of the pump or voltage if you wish. See the configuration details in the document listed above.
THE VC2 CONTROLLERS READ BOOST, NOT VACUUM.

TANK: Your kit may have no tank, or our 1 gallon or 1.5 gallon tank. If you use your own tank we provide a small 1/8th NPT fitting for the bottom of the tank. It's the same fitting as connects to the injector elbow. See pages 12-13 for pictures.

SCREWS: Your kit has screws to mount the pump and tank.

FITTINGS: Fittings vary depending on tank option.

VACUUM HOSE: Your kit will ship with plastic hose used for the boost pressure. This hose is black. The white hose is used for fluid on the 250 psi kits. For the 150 psi kits use the black hose for both air and fluid.

99% OF YOUR QUESTIONS SHOULD BE ANSWERED IF YOU READ THIS GUIDE. DUE TO THE FACT THAT THIS IS A UNIVERSAL KIT YOU MAY HAVE SOME UNANSWERED QUESTIONS. EMAIL TECH SUPPORT OR CALL US IF YOU HAVE QUESTIONS.



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VC-2 Universal Diagram

