

Features

- On Demand Octane Increase with Variable Control
- Designed for Normally Aspirated Engines
- Controls Injection Pressure as a function of Vacuum
- Integrated User Settable RPM Activation Switch.
- Potted Electronics and Rugged Design for Under Hood Applications
- 1.5% Maximum Error over 0° to 85°C
- Easy Adjustment and Setup
- 1 Year Warranty

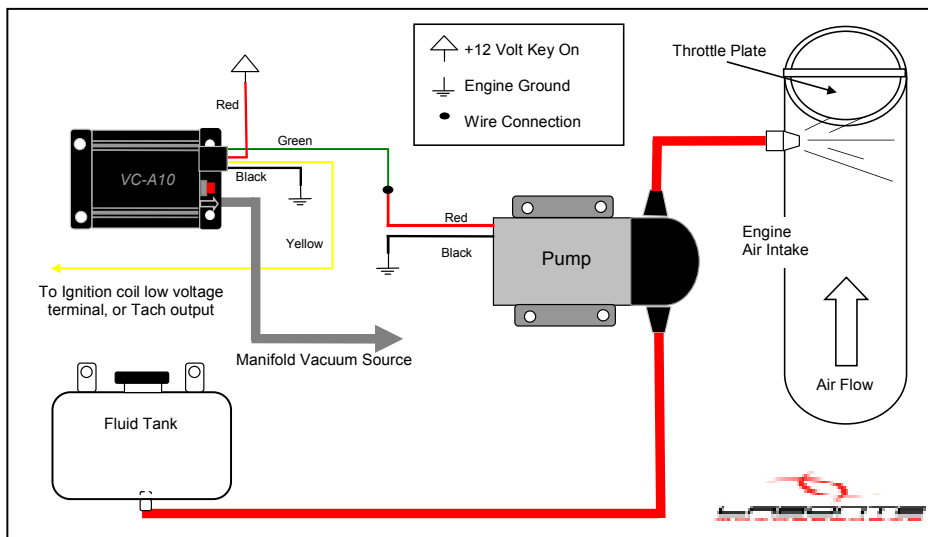


Description:

The VC-A10 from Labonte MotorSports is engineered to reliably operate Shurflo based alcohol injection systems. The controller will increase injection pressure over a user adjustable range and quickly shut off when vacuum decreases to prevent misfire. No external sensors are required. The small rugged design and easy setup makes the VC-A10 the logical choice for automotive/offroad enthusiast.

Operation:

An external hose barb is provided to connect the controller to a manifold vacuum source. The user then sets two dials that are located on the front of the controller. The first dial tells the controller at what vacuum level to start injection. The second dial tells the controller the vacuum level where maximum injection is required. Once the two dials are set, the controller will progressively adjust the injection pressure over the set range. The RPM switch prevents injection until engine speed exceeds the programmable set point.



OPERATING CHARACTERISTICS

Characteristic	Min	Typ.	Max	Units
Operating Temperature	0	----	85	deg C
Supply Voltage	9	13.8	16	Vdc
Drive Current	----	4	20	Amps
Response Time	----	1.5	----	msec
RPM Input Signal	50	----	1000	Hz

Typical System Install