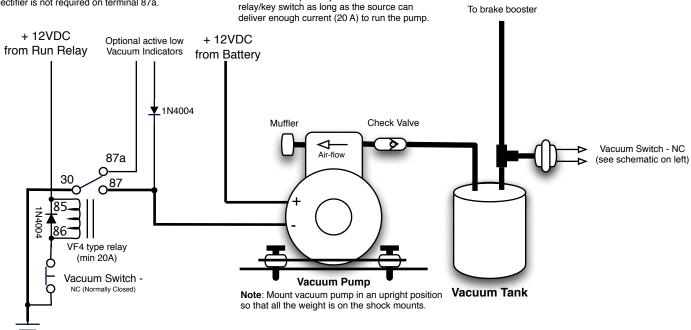
Note: Optional active low indicators.

87a - Active low when vacuum is sufficient. 87 - Active low when pump is running.

Note: The 1N4004 rectifier diode between relay terminal 87 and indicator is recommended if driving an existing in-dash indicator. It will prevent current in the negative motor wire from feeding back into the dash when relay is off.

Rectifier is not required on terminal 87a.



Note: +12VDC can optionally come from the run

Disclaimer

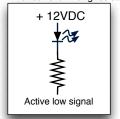
Please understand that this drawing is for my own installation and is only being provided for reference.

While I have taken every precaution to make sure this diagram is accurate and functional -- it is up to you to verify that it will be appropriate and safe for your needs.

I am not a Professional Engineer and therefore am not qualified to certify the validity of this diagram.

Example Active Low Indicator

LED with current limiting resistor.



1996 Saturn EV Conversion

Vacuum Pump Diagram 30 November 2009

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