Wiring instructions for Vortex™ 6 & Vortex™ 7 Series Air Solenoids

The Kleinn electronic solenoid switch can be operated either by your vehicle's existing horn switch, or with an independent pushbutton switch (not included).

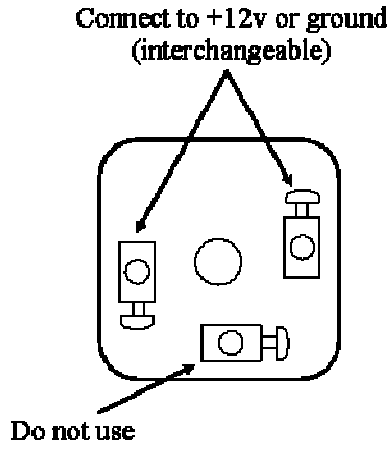
To wire to your existing switch:

1. First determine the polarity of your horn switch. In most vehicles, the horn switch sends a negative signal. To confirm, connect one probe from an ohm meter to the horn wire in the vehicle and the other to ground. Your meter should read zero ohms. This would indicate a negative horn circuit. If your meter does not read zero ohms, test for voltage between the horn wire and ground. +12 volts would indicate a positive horn circuit. NEVER use a test light when probing in the steering column. Accidentally probing the air bag wire could deploy the air bags!
2. Once you have determined the polarity of your horn circuit, connect wire from one screw terminal of the solenoid (see diagram below) to the horn wire.
3. *If your horn circuit is a negative circuit*, connect wire to remaining terminal from the solenoid (see diagram below) to a constant 12 volt source.
4. *If your horn circuit is positive*, connect the remaining wire to ground.

To wire to a new switch:

You can use any momentary pushbutton or rocker switch to activate your solenoid.

1. Connect wire from one screw terminal of the solenoid to a +12 volt power source. It is recommended you use a 3-amp fuse in-between the solenoid and the power source.
2. Connect wire from the remaining screw terminal to one side of the switch.
3. Connect the other side of the switch to ground.



You have now made all the electronic connections required to operate your air horn. Connect your air supply to the input fitting on the solenoid and be heard!

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