



ZENA™ Automatic Speed Control (Version 2) Installation Instructions:

- 1) Find a convenient point to attach Vacuum Actuator so that the ring on the end of the Throttle Chain can be attached to the vehicle's throttle linkage and pull in a direction roughly parallel to the existing throttle linkage.
- 2) Attach Throttle Chain to throttle linkage – adjusting length of the chain so that it has just a little slack (it should not pull when at rest).
- 3) Find a convenient point to attach the Vacuum Switch. NOTE: It will be connected to your welder's Power Control Module and to a switched 12 volt source and to a suitable vacuum source.
- 4) Using the supplied Red wire and connectors, attach the Vacuum Switch to a suitable switched 12 volt power source.
- 5) Attach the Vacuum Switch to a suitable vacuum source using either the supplied "T" connector to tap into a high volume vacuum line attached to the intake manifold or to a suitable unused vacuum fitting on the intake manifold.
- 6) Attach the Green Wire which extends from your welder's Power Control Module to the Vacuum Switch using the supplied Green wire and connectors.
- 7) This completes the installation. With the vehicle running, and with the welding cables attached to the Power Generator, test the Speed Control by pressing the Power Button. The vacuum actuator should pull the throttle and the engine will speed up. Adjust the welding speed by using the speed adjuster screw located on the Vacuum Actuator (on the end opposite the Throttle Chain).