

A-9230-AR12 Gas Shut Off

Instructions for wiring your Model A, so you can have 6 or 12 volt current available only with the key on. This can be done if you are using the modern on-off switch and not the original pop out switch. Snyder's carries two modern switches that will work, A-11575-FX or A-11575-ER. If your car is equipped with the original pop out switch and you do not want to change it, call me for an alternate way. Follow the wiring diagram attached, but notice, the (+) and (-) are removed from the coil amp gauge and battery because I do not know what system you are using on your car. First and foremost before you start any wiring make sure your car will start so you have a benchmark. After you know it runs, shut it off and disconnect your battery to prevent damage to you or your car.

1. Remove the short black jumper wire that runs from the coil to the stud in the terminal box on the firewall and discard.
2. Move the original red wire on the other coil post to the post you just took the short jumper wire off.
3. Connect the 21 inch black wire enclosed with your gas line kit to the post on the coil that you just removed the original red wire from and run it through the terminal box on the firewall and up to the dash inside the car. You will need to take the dash loose.
4. Take the wire off the key switch that runs to the distributor points and connect this wire to the blue wire splice on the end of the black wire that you just ran to the dash. This wire should be black in color and will need the eye cut off the end and the covering stripped back about 3/8 of an inch in order to fit into the blue splice. Crimp with wire crimpers or pliers but sure this is a good connection with no bare wire exposed. Tape if necessary.
5. Now take the 5 inch black jumper wire enclosed and connect it to the key post terminal that had the wire running to the distributor points. Run the other end of the jumper wire to the amp gauge that has the wire going out to the generator. **Do not connect to the post that has the wire from the battery. Make sure you get this correct.**
6. This completes the wiring change, so now reconnect the battery and make sure your car will start. If the car starts, you are ready to install the gas line with shutoff. If your car won't start, you need to find out what you did wrong and fix it. While the car is running, turn off manual gas valve until car quits, so gas line is empty.
7. To install gas line after wiring changes have been made. Disconnect battery to prevent damage to you or your car.
8. Install new gas line with solenoid, in place of old gas line.
9. Now hook the wire with the big eye to the bolt inside the firewall under the gas tank that holds your coil to the firewall. Use nut enclosed to secure the wire. It is possible that you may need a longer bolt to hold the wire. On late 31's the wire will be on the outside of the firewall under the bolt head that holds the coil to the firewall. This wire acts as the ground wire so make sure the surface under the bolt is clean with no rust.
10. Now run the other wire out the firewall, through the junction box and to the post on the coil that has the original red wire and does not have the new black wire you just put on. This means that now each coil post should have a new wire that was enclosed with your gas line kit. Again on late 31's the wire will hook up the same way, but on the outside of the firewall.
11. Now open the manual gas shutoff that you closed and check for gas leaks. Fix if needed and be sure to dry up all gas. This manual shut off valve will now stay open so you may need to tighten the packing nut behind the shut off if it leaks any at all.
12. Once you have the valve open without any gas leaks and all gas is dried and properly disposed of, you need to hook up your battery.

13. Now after your dash is put back together and your sure nothing is touching behind it, you may turn on the key and you should hear the solenoid valve click once. After your key is on, check again for gas leaks, especially down stream of the valve. Start your car as usual.

This completes your installation. If you are happy, please tell a friend, if not, please call me so we may fix the problem. There is a two-year warranty, so keep proof of when you purchased the kit. Note that the solenoid valve does get warm to hot when on, this is normal and okay. It only uses 1/2 amp of current.

