

**Wheels:** An e-mail from Ron says, “A friend just sent me four GAS FACTS – are they true or false? My friend would rather think a GAS FACT e-mail is true. What do you say?”

- #1 You should fill up your gas tank in the early a.m. or late in the p.m. when it is cool. It allows a fuller gas tank.
- #2 You should never put gas in your vehicle when a gas tanker is unloading fuel into the station’s underground tanks. Gas going into the tanks kicks up dirt and other stuff that gets into the pumps and thus into your vehicle’s gas tank.
- #3 Always use the middle click on the pump to allow the right or full amount of gas into the tank when filling the vehicle. If you use the 3<sup>rd</sup> click, you don’t get a full tank of gas and if you use the first click, the tanks can stir up crap in the tank, which would clog the vehicle’s fuel filters.
- #4 If you have a truck, remove the tailgate and you will get much better miles per gallon.

**Halderman:**

- #1 The tank is in the ground where the temperature is almost constant so it doesn’t make a significant difference.
- #2 The EPA has had filters installed on the newer underground tanks. All stations should have the filters by now. The underground tanks have a pipe-hose where the tanker gas is flowing in the tank along the lines of a water hose soaker. It doesn’t just hit the bottom of the underground tank kicking up residue, but flows through various holes as it fills the tank.
- #3 This is a new one on me. It doesn’t make any difference because today’s vehicles use a one inch fill tube that limits the rate of fill and provides a liquid dam to prevent vapors from escaping while filling the tank. The pickup inlet strainer/filter can trap any particles larger than 70 microns to 100 microns. The fuel filter will then trap any particles larger than about 25 microns. The final filter is at the inlet to the fuel injector, which traps any particles larger than 10 microns.
- #4 When designing trucks, the engineers use the airflow to see the drag over and under the truck and it is best to have the tailgate up.

