

## **Fuel Mileage Tracking Procedures**

The instructions in this document and the attached form should be used during the process of tracking your fuel economy to determine the amount of fuel economy increase the Fuel Miser is providing your vehicle. As manufacturers have stated that the instant read and average read from a vehicle's on board computer can contain some inaccuracies, we recommend that you manually track your mileage as to the amount of miles driven and the amount of fuel used.

### Tracking sheet Instructions:

- 1) **Review the Example** on this sheet as to how to use the sheet. At each fill up, simply fill in the odometer reading and the amount of gallons pumped into the vehicle. To determine the amount of miles driven, subtract the previous mileage reading from the latest mileage reading, which will compute the miles driven. Write in the miles driven. To calculate the MPG, divide to amount of gallons you pumped into the vehicle at the fill up, into the amount of miles driven. You can also compute the amount of miles driven on each tank of fuel by using the "trip odometer" in the vehicle and re-set it at each fill up.
- 2) **Establish your baseline mileage**, prior to installing the Fuel Miser. To start the process, fill in the amount of miles on the vehicle from the odometer and fill the vehicle with fuel. Drive the vehicle for at least three quarters of a tank. It is important to fill up the vehicle each time and for the fill up to be the same type of fuel, preferably from the same station each time. At the fill up, either record the new mileage from the odometer and subtract the previous mileage to determine amount of miles driven or use the trip meter to determine amount of miles driven. Record the amount of gallons pumped into the vehicle, the date, and the type of miles driven during the tank of fuel. **Repeat this process for several full tanks of fuel.**
- 3) **Install the Fuel Miser** following the instructions. Make sure it is on the INBOUND fuel line and is as close to the engine as possible. Also make sure it is installed correctly as to being even on each side. Make sure the enclosed sip lines are tight so the FUELMiser will not move around the fuel line.
- 4) **Track your mileage with Fuel Miser** by following the same procedures in number 2 above. We recommend tracking the mileage for several full tanks of fuel.

Please make sure you do not adjust your driving habits during the Fuel Miser tracking and try to use the same driving route during the Fuel Miser tracking as you did with the baseline tracking.

**WHAT TO EXPECT:** If your vehicle has over 10,000 miles on it, you will most likely notice a drop in fuel economy during your first tank or two. The higher the mileage on the vehicle, the higher the drop in MPG's during the first tank or two. High mileage vehicles may even take several tanks prior to noticing an increase in fuel economy. Fuel economy initially drops because the FUELMiser is causing the fuel to burn more completely and creating a better combustion. Many miles of driving without a FUELMiser and the incomplete combustion of fuel have resulted in carbon and varnish build up in the engine. As the combustion is increased with FUELMiser, the build up is being cleaned out of the engine and results in a temporary decrease in fuel economy. After one to five tanks of fuel, your vehicle should start to experience an increase in fuel economy of at least 10%.