

## **Gas-friendly to gas-free**

If you're not familiar with Chevy and its fuel solutions technologies and vehicles, we put together this quick F.A.Q. If you'd like to learn even more, check out [www.chevy.com/fuelsolutions](http://www.chevy.com/fuelsolutions).

### **Q: What does "Gas-friendly to gas-free" mean?**

It's a group of solutions and innovations to develop and produce vehicles that use less gas – like the Malibu and Tahoe Hybrid – to future vehicles that won't use any gas at all, like the Chevy Equinox Fuel Cell.

### **Q: How is Chevy reaching the "Gas-friendly to gas-free" goal?**

We break-up our approaches into five categories: Fuel Efficiency, Biofuels, Hybrid, Electric, and Fuel Cells.

### **Q: How is Chevy increasing their vehicles fuel economy?**

There's a Chevy technology called Active Fuel Management that is available in a number of Chevy models. When a vehicle hits its cruising speed, half of the engine's cylinders deactivate, decreasing the amount of fuel the vehicle uses. That's a real simple explanation and you can find out more at [www.chevrolet.com/fueleconomy](http://www.chevrolet.com/fueleconomy).

Also, Every 2008 Chevy car, half-ton truck and SUV is equipped with a Tire Pressure Monitor that automatically alerts you when your tire pressure is low. Depending on the vehicle and the conditions, properly inflated tires can improve gas mileage by up to 3%.<sup>1</sup>

Overall, there are eight Chevy models that achieve an EPA estimated 30 MPG highway or better: Aveo Sedan, Aveo 5, Cobalt, Cobalt XFE Malibu Hybrid, and select trim levels of Malibu, HHR, and HHR Panel.

### **Q: What are biofuels?**

Biofuels are renewable fuel sources made from U.S. grown biomaterial, like corn or other grain products. E85 ethanol<sup>3</sup> is an example of a biofuel. The best part of E85 is that it decreases our dependence on petroleum and burns cleaner than gasoline.

The current Chevy vehicles that run on E85 are: select models of Avalanche, Impala, Silverado, Suburban, Tahoe, Express, and Uplander<sup>4</sup>.

### **Q: How does a Chevy hybrid vehicle run?**

Chevy's Two-Mode Hybrid system on the Tahoe Hybrid works like this: For low speeds – like when you first start driving or through slow city traffic – the first mode powers the vehicle on electric power. At higher speeds, a gas engine kicks in for full speed and power.

The Tahoe and Silverado (available late 2008) are available with this Two-Mode Hybrid system. The Malibu<sup>5</sup> is also available as a hybrid vehicle using a different type of hybrid technology.

### **Q: An electric car? Really?**

Yep. It's called the Chevy Volt. We're putting a lot of sweat and thought into making this vehicle a reality in the future. While the Volt isn't for sale now, we've got over 200 engineers and 50 designers working on the Volt alone, and another 400 are working on related subsystems and electric components. Imagine the future: a daily commute of up to 40 miles before you'll need to use a drop of gas.

### **Q: What's a fuel cell and how does that power a Chevy?**

Chevy's fuel cell test fleet of future vehicles are hydrogen-powered. The best thing about hydrogen-powered vehicles is they use no gasoline and leave zero carbon emissions. The only emission is water vapor.

Right now, Chevy has launched a test fleet of hydrogen-powered fuel cell Equinox SUVs. This fleet has hit the streets of New York City, Washington, D.C., and Southern California. Chevy is working toward

someday making these vehicles a reality.

**Q: What else is Chevy doing to improve the planet.**

Chevy's commitment goes beyond its vehicles. It also includes making the plants that these vehicles are made in more efficient and better for the environment. We're also making our suppliers more conservation-minded.

No single act is going to save the planet. But string together enough changes and you can start to see and feel the improvements.

For more information on Chevy's Gas-friendly to gas-free initiatives and vehicles, please visit [www.chevy.com/fuelsolutions](http://www.chevy.com/fuelsolutions)

1 Source: fueleconomy.gov. All claims exclude other GM vehicles. ©2007 GM Corp.

2 Based on EPA estimates and segmentation.

3 E85 is 85% ethanol, 15% gasoline.

4 Limited availability on 2008 Uplander. ©2008 GM Corp.

5 Very limited availability.