

## What we're about

Gas prices are on the rise, and there doesn't appear to be much we, as average consumers, can do about it. While we all try to conserve gas by avoiding unnecessary trips to the store, combining errands into one trip, and walking or taking public transportation whenever possible.

The fact remains that we have to fill up our cars with gas, and that gas is expensive. Some among us realize that the emissions created from burning fuels cause extreme amounts of pollution.

What can we do about it? There is a better way!

Hydrogen is the answer! Unlike other alternative fuel sources that are being researched, you can harness the power of hydrogen right now with your existing gasoline or diesel powered vehicle.

You don't have to purchase a hybrid car in order to save your environment and your hard earned money. You can do something about the fuel crisis right now!

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# Hydrogen 4 Gas



*Save Gas – Go Hydro!*  
<http://hydrogen4gas.org>

1-877-4GoHydro

## What is Hydrogen?

Hydrogen was discovered in 1766 and is the lightest element we know of today, containing one proton and one electron. Hydrogen composes of about 75% of the sun.

- Hydrogen has a specific gravity of .070 and is 15 times lighter than air.
- Hydrogen's simple structure has many scientists calling it the building block of all the other elements. Scientists estimate that 90% of all atoms in the universe contain hydrogen.
- Water, H<sub>2</sub>O, is made up of hydrogen and oxygen.

## How it Works

Hydrogen makes an excellent fuel because it works well as an energy carrier. Hydrogen is so effective at carrying energy that it has been used to power NASA rockets since the 1960's.

When the space shuttle takes off, the rockets let off plenty of steam. The actual flame is a light blue color. This is the hydrogen.

If hydrogen fuel can power a rocket, it's a great energy carrier. Harnessing that energy would create a powerful fuel source.

## Benefits

Hydrogen is incredibly inexpensive. It is literally all around us. Hydrogen is a renewable fuel source, unlike fossil fuels that rely on a finite reserve, which will one day be completely depleted.

Hydrogen is an extremely clean fuel. The only byproduct of hydrogen fuel is water. When hydrogen fuels an engine, there is no carbon dioxide produced.



“The first thing I noticed after we installed the kit was how smooth the van rode. The increase in power was immediate. The engine was quieter. Then, after two days of driving I noticed my gas gauge was dropping a whole lot slower. I kept thinking, “Shouldn't I be stopping for gas by now”. When I finally filled my tank, my gas mileage had almost doubled! I felt the savings immediately, my wallet and I are a lot happier!”

By Heath

\*Heath installed his generator in a 96 GMAC Astro Van.



## Hydrogen Generators

Hydrogen engine performance boosting systems are known as Supplemental Hydrogen Generators. This is a tank that holds distilled water and an electrolyte; such as potassium hydroxide. The water is charged to induce electrolysis, which separates hydrogen and oxygen molecules. The hydrogen & oxygen is then collected and forced into the engine through the air intake system. The added oxygen increases the octane level of the fuel.

The hydrogen added to the engine increases the flame spread during the combustion process. In other words, the hydrogen makes the flame in your engine burn faster.

### Benefits of Supplemental Hydrogen

- Reduce Emissions
- Reduce Carbon Build Up
- Increase Gas Mileage