

# Hydrogen Generators Now Available For Any Engine

Andrew Herold has just introduced the "Mighty Mite", designed for 1997 to 2012 engines to adjust to oxygen sensors and the MAF or MAP sensors. Much of the design work was done by an automotive engineer. He says it provides 30 to 50 percent better mileage and is good for 40 below zero cold weather.

The Mighty Mite produces 1 liter of gas at 10 amps and 2 liters at 15 amps. It needs a constant stream of air to keep cool when set at 15 amps.

"I have semi drivers who have had great increases in mpg. One recently increased mpg 1.3 mpg over 20,000 miles of driving. We're currently working to install units in schoolbuses and county snowplows, which will provide significant savings to local units of government," says Herold, noting that Bully Dog is making a new MAP for a Canadian truck dealer for new engines. Other truck dealers are experimenting.

The Mighty Mite sells for \$175. Options

include a constant current pulse width modular (\$100) and a quad digital Effie switch (\$109). Shipping is \$15. Total kit price with both options is \$399.

Andrew Herold says 100 percent of his customers who have vehicles that are 1996 models or older have shown mpg improvement after installing one of the original HydroStar add-on hydrogen generators.

Herold designed his unit to be compact, measuring only 5 in. wide by 7 1/2 in. long and 2 1/2 in. thick. All tubing and wiring needed is included in each kit. Two or more units can be hooked together on large engines.

Herold says the best results with his kits have been on large diesel engines, such as large trucks and motor homes. Farmers are also using them on combines, tractors, irrigation engines, generators, grain dryers, and more.

Contact: FARM SHOW Followup, Andrew Herold, 11402 Westview Ct.,



**New Mighty Mite hydrogen gas generator produces 1 liter of gas at 10 amps and 2 liters of gas at 15 amps.**

Beltsville, Md. 20705 (ph 240 715-5000; [www.hydrostarllc.com](http://www.hydrostarllc.com)).

**Reader Inquiry No. 203**

## HydroStar Works Great For FARM SHOW Reader

By Mark Newhall, Editor

I got a call the other day from Myron Rhodes, Harrisonburg, Va., who wanted to thank us for running a story in the 2011 Best of FARM SHOW issue on the HydroStar add-on hydrogen generator.

"I've been interested in hydrogen fuel for a while so when I saw your story, I contacted the manufacturer, Andrew Herold, and bought a unit to install in my 2006 Dodge mini van. Before installing the HydroStar, I got 23 mpg on the highway and 15 or so on country roads. After installation, I now get an amazing 35 mpg on the highway and 25 on the local roads," Myron told me.

I've heard these kind of stories in the past on older, inefficient engines but almost never on newer computer-controlled, fuel-injected engines. Sometimes people would tell me they had great fuel savings at first but then the computers in the vehicles would "adjust" to the new fuel mix and mileage would go right back to what it was before. So I asked Myron what he did different.

"The key to making it work is the new Volo FS2 performance chip ([www.voloperformance.com](http://www.voloperformance.com)) which is made specifically for the electronics in your vehicle to allow it to burn supplementary hydrogen fuel. It's a simple chip that plugs into the OBD-II data port under the dash of all late model cars. It allows the electronics to adapt to the introduction of hydrogen into the combustion process," says Rhodes. "No fine-tuning

needed. Just install, hit the reset button for automatic calibration, and forget it."

Rhodes has another trick for running his HydroStar unit. "I installed a simple battery-powered digital amp meter under the dash (cost \$10 online). I wired it to the unit and also to a toggle switch on the dash. When I turn it on I can see how many amps the HydroStar is drawing. It should be at 11 to 20 amps. I flip it on, see if it's okay, and then turn it off. If it drops below 11 amps, I top it up with the sodium citrate solution that I use in the hydrogen unit. Every 800 miles or so I empty the tank and refill it, then monitor it with the amp meter until it's back up to full power."

The HydroStar hydrogen unit sells for right at \$125. Inventor Andrew Herold says he has been hearing more and more amazing reports from users. "One of my customers drives a semi and installed 3 HydroStar units in series, pulling only about 30 amps. He recently drove 19,212 miles across country with the unit, burning 2,479 gal. of gas for a 7.7 mpg average. That's 1.3 mpg more than before he installed the generators so his savings were about 90 gal. of diesel a week. I have examples from many other customers who are happy not only with the increased mileage but also the boost in power they've experienced," says Herold.

Contact: FARM SHOW Followup, Andrew Herold, 11402 Westview Ct., Belts-



**Using a hydrogen gas generator (shown above) and a Volo performance chip (below), Myron Rhodes increased mpg 50 percent. Herold has sold more than 2,000 of the \$125 generators across North America.**



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