

New “Big Guy” Hydrogen Generator Designed For Semi Trucks

Andrew Herold, inventor of the Hydrostar hydrogen generator, recently announced his new “Big Guy” generator designed for semi tractors, 4-WD tractors, irrigation engines, and other large power units.

“It’s big enough to supply gas to 12 to 24 liter engines and provide 20 to 40 percent fuel savings,” says Herold. “Working with Darol Mason, we spent a year and a half and more than \$30,000 designing the Big Guy generator. Darol also worked a year on the AFR diesel tuner geared for fuel control systems on diesels. It now works on all semi trucks.”

The Big Guy generator is designed to be 185 percent efficient. The plates are pacified and chromed 316L stainless steel. Unlike some hydrogen units on the market that require 60 amps of power, this unit uses only 25 amps for a 12 liter engine and 42 amps for a 24 liter engine.



“Big Guy” hydrogen generator is big enough to mount on semi trucks, 4-WD tractors, big irrigation engines, and other large power units.

“Key to the success of this unit was to get a diesel tuner chip that can adjust a semi’s sensors and computer. We are the only company on the market that has a tuner that will work on all engines, adjusting the MAP/MAF, IATC, and the CTS sensor. With

the computer adjusted correctly, users are experiencing big fuel savings.”

Contact: FARM SHOW Followup, Andrew Herold, 11402 Westview Ct., Beltsville, Md. 20705 (ph 240 715-5000; www.hydrostarllc.com).

Reader Inquiry No. 174

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) 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.

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Using a hydrogen gas generator and a Volo performance chip, Myron Rhodes increased mpg 50 percent.

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Hydrogen Helps Power Irrigation Engine

Bruce Richardson, Lusk, Wyo., has a big Cat 3406 diesel engine that runs about 1,000 hrs. a year on an irrigation system. The last two years he says he has saved between 3 and 3 1/2 gal. of diesel fuel an hour with the help of HydroStar hydrogen generators. The hydrogen helps fuel burn more completely and cleaner and at little additional cost.

“I run four of them on the engine, and they last about a year,” says Richardson. “At \$125 each, they pay for themselves many times over. The lye and distilled water mixture used in them costs about \$40 a year.

“The units run about 12 hrs. without a refill, so I fill them up in the evening and again in the morning,” says Richardson. “I tried propane injection, too, but it saved only about a gallon and a half an hour.”



Bruce Richardson says he saves 3 to 3 1/2 gal. of fuel per hour running a big irrigation engine fitted with HydroStar units.