

**Editor's Notebook**



**Mark Newhall**  
Editor & Publisher

**He's Burning Gas In Diesel Engines**

"We can get 100 mpg or more in a diesel-powered farm pickup by burning gasoline instead of diesel fuel," says innovative mechanic Gary Brown, Byron, Georgia, who first made a splash in FARM SHOW two years ago with a story about how he repowers farm pickups with diesel tractor engines, regularly getting up to 50 mpg in the converted trucks (Vol. 33, No. 1).

Gary's a great guy to know even if you're not interested in his diesel-power projects. For 32 years, he and his brother have been buying, reconditioning and selling Ford tractors. They tear used tractors down to the frame and totally rebuild to near-new condition. They also sell tractors in "as is" condition to people who want a project of their own. From what I've heard from readers, they offer fair prices and fantastic service to customers who come from across the country.

Gary's latest new idea is vaporizing gasoline to burn in diesel engines. He mounts a metal canister on the engine manifold. Once the engine warms up on diesel and the canister becomes hot, he drips gasoline into it. "Each drop instantly turns into a cloud of gas. That gas is sucked into the air intake and down into the cylinders. It's tremendously efficient - we've been able to get more than 100 mpg - because nearly 100 percent of the fuel is burned so there's almost no detectable exhaust. In a regular gas engine, only about a third of the fuel is turned into energy while the rest comes out the exhaust," says Brown. "The biggest problem we have is figuring out how to control the flow of gas into the air intake. We've tried different throttles and gas regulators but there's a lot of heat involved. If anyone out there has any ideas about how to regulate the flow of hot gas, we'd like to hear from them (ph 478-954-1283; tractors@windstream.net; www.shadetreeconversions.com)."

Brown says he's done enough experimenting to know this might be one of the most exciting new "alternative energy" ideas he's ever come across. "We're just a bunch of shade tree mechanics. What could the big car companies do if they ever put their engineers on a project like this?" he says.

That made me wonder if anyone else is working on the idea so I went to Google and did some searching. I didn't see anything like Gary's vaporizing idea but I found a story about an engineer at Argonne National Laboratories who started experimenting with the idea of burning gasoline in diesels several years ago and took his design to General Motors, which is now testing the idea in its research labs. Stay tuned.

**Top 10 Best-Selling Cars Of All Time**

1. **Toyota Corolla** (1966 - present) - 37.5 million
  2. **Ford F-Series Pickup** (1948 - present) - 35 million
  3. **Volkswagen Golf** (1974 - present) - 27.5 million
  4. **Volkswagen Beetle** (1933 - present) - 23.5 million
  5. **Ford Escort** (1968 - 2000) - 20 million
  6. **Honda Civic** (1972 - present) - 18.5 million
  7. **Honda Accord** (1976 - present) - 17.5 million
  8. **Ford Model T** (1908 - 1927) - 16.5 million
  9. **Volkswagen Passat** (1973 - present) - 15.5 million
  10. **Chevy Impala** (1958 - present) - 14 million
- 24/7 Wall Street

**Report From Louisville**

The 47th National Farm Machinery Show in Louisville welcomed 305,512 visitors through the gates in February. More than 850 exhibitors from across the world filled the huge Kentucky Exposition Center. Five tractor pulls during the 4-day show pulled in approximately 70,000 fans to watch drivers compete for more than \$250,000 in prize money.

Here are just a few ideas on the show floor that caught contributing editor Jim Ruen's eye:

**World's First One-Arm Skid Steer** - JCB wowed the crowds with a first-of-its-kind skid steer with a single loader arm. The one-armed design makes it possible for this skid steer to be the first in the world to have a side-opening door so you'll never have to climb over the bucket or other attachment to get into the seat. It also provides much better visibility. (ph 912 447-2000; www.jcbna.com)



**One-arm skid steer lets operator enter from side door.**



**Grader blade fitted with electric actuator can be pulled behind ATV.**

**ATV Road Grader** - Features a 48-in. blade with 6 ripper teeth to loosen up packed surfaces. Lift is precisely controlled by an electric actuator with an 8-in. stroke. Pulls behind ATV, garden tractor or UTV. Powered by 12-volt battery. (ph 800 248-6564; www.turnoverball.com)

**TramRite Air Seeder Gates** - Combined with GPS, eliminates seed overlap and double planting on headlands and point rows with Deere's big 1990 CCS air seeder. Auto starts and stops seeding so seed isn't wasted on top of soil when raising and lowering implement. Also used to create precise tramlines. (ph 540 752-2612; www.tramrite.com)

**Leaf Blower Fits String Trimmer** - First-of-its-kind leaf blower fits over the end of an Echo string trimmer. Weighs just 3.9 lbs. and is significantly quieter than conventional leaf blowers. (ph 800 432-3246; www.echo-usa.com)



**New leaf blower mounts in place of string trimmer.**

**Moldboard Plow Demand** - Salford Farm Machinery exhibited the only moldboard plow at the show. A company spokesman said plow sales exploded in 2011, with more sales than in the previous 10 years combined. "Our customers tell us they need a way to handle high residue, high yield corn crops. Our plows, with their 39-in. depth and 42 in. between coulters, will plow standing cornstalks and never plug." (ph 866 442-1293; www.salfordmachine.com)



**Babies got to see the show in style thanks to these tractor wagons.**

**Tractor Wagons** - Randy Magee and Chad Mason got a lot of attention at the show towing two infants in metal wagons built to look like Massey Ferguson tractors. The men run M&M Metal Designs in Kentucky. To see step-by-step photos of how they built the wagons, go to their website. (ph 859 814-3937; www.mmetaldesigns.com)

**Liberty Quotes**

"To be controlled in our economic pursuits means to be controlled in everything." *Friedrich August von Hayek*

"Dost thou not know, my son, with how little wisdom the world is governed?" *Count Axel Oxenstierna in 1648*

"Some lawyers and judges may have forgotten it, but the purpose of the court system is to produce justice, not slavish obedience to the law." *Woodrow Wilson*

"The true patriot scrutinizes the actions of his own government with unceasing vigilance. And when his government violates the morality and rightness associated with principles of individual freedom and private property, he immediately rises in opposition to his government." *Jacob G. Hornberger*

"Those who cannot afford to sue currently have no protection of their property rights if they come in conflict with a regulation." *Steve Symms*

"Government exists to protect us from each other. Where government has gone beyond its limits is in deciding to protect us from ourselves." *Ronald Reagan*

"Jurors should acquit, even against the judge's instruction, if exercising their judgment with discretion and honesty they have a clear conviction that the charge of the court is wrong." *Andrew Hamilton*

"The firm basis of government is justice, not pity." *Woodrow Wilson*

"Whatever power you give to the good cops, goes to the bad ones, too. Never forget that." *Phillip J. Birmingham*

"Morality cannot exist one minute without freedom. Only a free man can possibly be moral. Unless a good deed is voluntary, it has no moral significance." *Everett Dean Martin*

**First Underground Windmill**

Birds and bats have nothing to fear from a Minnesota startup company's new underground windmill. Inventor Daryoush Allaei got the idea while working on a method of reducing vibration of conventional wind turbine blades. The new design he came up with works by funneling wind down into a tunnel in a way that increases its velocity before it passes through a turbine. Allaei compares it to a hydroelectric dam, which captures water and funnels it out through small openings. Computer models show the windmill design will produce 3 times more power than a conventional wind turbine, with none of the vibration and noise that requires windmill farms to be isolated from population centers. (www.sheerwinds.com)



**Inverted cones funnel wind down into underground turbine.**

**Subscription Scam Artists**  
A fake subscription company has been scamming FARM SHOW subscribers - and readers of many other magazines and newspapers - by sending out false subscription notices that look like this one. Publishers Billing Exchange is not connected to FARM SHOW in any way and has earned an "F" rating from the Better Business Bureau, which says the company is known for its fraudulent business practices. All FARM SHOW renewal notices come directly from us in Lakeville, Minn. If you get any kind of subscription notice from anyone other than FARM SHOW, just toss it. If you sent a payment to this company, they will issue a full refund if you call them and request it. You should also file a mail fraud complaint with your local Post Office.



**Found on a tombstone in England:**

Remember man, as you walk by,  
As you are now, so once was I.  
As I am now, so shall you be,  
Remember this and follow me.  
*To which someone replied by writing on the tombstone:*  
To follow you, I'll not consent,  
Until I know which way you went.

**One day Lena confided to her friend Olga** that she had finally cured her nervous husband, Ole, of his habit of biting his nails.

"How did yew ever dew dat?" asked Olga.  
"It was really simple," was Lena's reply. "I just hid his false teeth."

**Sven and Ole were roofing a house.** Ole accidentally cut off his ear and went down to look for it. Sven saw Ole on his hands and knees looking for something in the grass. "What happen, Ole?"

"Oh, I cut my yer off and I'm trying tew find it," Ole replied. Sven offered to help and a few minutes later he says, "Hey, Ole! I tink I fount yr ear."

Ole looks at it and answers, "No, dat's not it. Mine hat a pencil behind it."

**Ole and Sven were looking at a Sears catalog** and admiring the models. Ole says to Sven, "Can yew beleef all da beautiful girls in dis catalog?"

Sven replies, "Ya, dey are beautiful. And look at da price!" Ole says, with wide eyes, "Wow, dey aren't very expensif. At dis price, I'm goin' to buy vun." "Good idea," says Sven. "You order vun and if shez as beautiful as dey show in dat catalog, I will get vun, too."

Three weeks later, Sven asks his friend Ole, "Did yew ever receive da girl yew ordered from dat Sears catalog?"

Ole replies, "No, but it shundt be long now. I got her clothes yesterday!"

**Ole went to the dentist for a toothache.** "How much tew haf dis tooth pulled?" he asked.

"Ninety dollars," said the dentist.  
"Ninety dollars for just a few minutes work?" exclaimed Ole.

"Well, I can do it slower if you'd like," the dentist replied.