

**Ben Parks, Austin, Texas:** "When I did a mechanical restoration of my 1970 Jeep, the first thing I did was to replace the distributor points with a Pertronix ignition kit (www.pertronixbrands.com; ph 909-599-5955). I also installed a Pertronix ignitor coil. With the ignition slightly advanced, the jeep runs great and will start right up with the first turn of the key even after sitting for weeks in 20 degree weather. I recommend refitting ignition points in any older road vehicle, tractor or other machine with a gas engine."



"I did have a problem with the jeep overheating when sitting still in traffic in hot weather. After upgrading the radiator, I looked around for a better cooling fan to replace the original 4-blade fan and found a Derale Performance 6-blade cooling fan. What a difference it made! The jeep runs cooler and will not overheat even in 100 degree weather (www.derale.com; ph 323-266-3850).

"When the Jeep's speedometer quit working, I sent it to Bob's Speedometer to repair. They customized it with a voltmeter, repaired the fuel gauge, and recolored the face. Their service is expensive but worth the money and it looks great (www.bobsspeedometer.com; ph 800 592-9673)."



**David A. Crooks, Ottawa, Kan.:** "I found a way to make diesel engines run better on low sulfur fuel. When refueling, I use a skinny funnel and small tube to mix in 2-cycle outboard motor oil at a ration of 200:1, or 6 oz. per 10 gal. It mixes readily

in the tank and adds lubricity that was lost from the low sulphur content. The result is happy, smooth-running diesel engines."



**Fritz Groszkruger, Dumont, Iowa:** "Our 2015 VW Golf TDI diesel has a feature that prevents you from making a mistake and putting gas into it. When we started storing diesel in a tank that used to hold gas, I had to find a way to fuel up the TDI. So I cut off a piece of an old BBQ axle, which fits into the fuel opening. Works just fine."



**David Hansmeyer, Gainsville, Texas:** "Here's a good way to sort nuts and bolts or other small parts. Take a 2-liter pop bottle and lay it on its side. Cut a large piece out of the top, being sure to leave at least 2 in. at each end. Cut the hole wide enough to get your hand in and leave the cap on. Pour the items in the bottle and pull out what you need. Then unscrew the cap and pour the small items back into the bottle or what you store them in. You won't spill because it's so easy to see what you're doing."

**Greg Balzer, Magnolia, Ill.:** "To boost traction, I insert 1/2-in. #8 sheet metal into the drive wheels on self-propelled equipment, like lawn mower wheels and snowblowers. You can also use this idea on the steering wheels of small riding mowers and even on the soles of old work boots to use when it's icy out in winter."

**Harrell Cummings, Fairmont, N.C.:** "A while back the block cracked on my Briggs & Stratton push mower. I repaired it with JB Weld and it's still working. Good stuff."

## Wall-Mounted Compressor Saves Space

"Forklift drivers in our seed warehouse haul boxes or pallets of seed without a lot of visibility in front of them, so we mounted our high-capacity air compressor 8 ft. off the floor in a corner of the building to keep the drivers and the equipment safe," says Matt Thoreson of Kenyon Ag Service.

The 80-gal. Nitro compressor, which weighs more than 500 lbs., is bolted to the wood pallet it was shipped on and chained it to a heavy-duty metal frame made of reinforced angle iron. That frame is secured with lag bolts into the wall of the building. Extra support for the platform is provided by a 2 by 4 cross member underneath the frame and by two chains connected to large eye hooks on each side of the frame extending to a 2 by 8 ceiling truss.

Power for the compressor is hard-wired to an on/off switch near the building's power panel. Air lines are routed to connectors near a large entry door and near the seed treating equipment.

Thoreson says the setup works great because their employees can use the air pressure to clean heavy equipment outside the entry door and the other line can be



**Nitro air compressor is bolted to the wood pallet it was shipped on, and chained to a metal frame that's bolted to corner of building.**

used to clean the treating equipment. Seed boxes or pallets can be stacked under the compressor to maximize storage space in the 75 by 160-ft. warehouse.

Thoreson says the idea was a collective decision by everyone who works in the warehouse and was completed by the employees when the shed was built.

Contact: FARM SHOW Followup, Kenyon Ag Service, 550 Huseth St., Kenyon, Minn. 55946.

# FARM SHOW®

## Money-Saving Repairs & Maintenance Shortcuts

**Have you come up with any unusual money-saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of equipment and how you solved it.**

**These are a few of the questions we asked randomly selected FARM SHOW readers. If you have a repair tip, maintenance shortcut, or other mechanical experience you'd like to share, send details to: FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or email us at: editor@farmshow.com.**

**Mark Newhall, Editor**

**Wayne Chambers, Baldwyn, Miss.:** "I use a distributor wrench to take the starter off my Deere 2755 tractor. Works great."

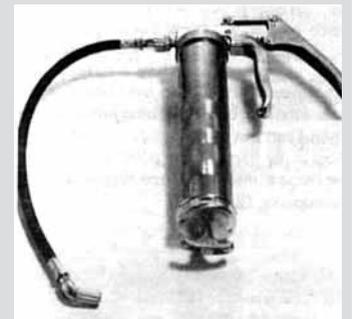
**Don Klassen, Harrisburg, S.Dak.:** "Our garage door springs broke repeatedly until I added another pulley at the wall and put one in a yoke that the spring attaches to. Works like a block and tackle on each side. No more broken springs."

**Bill Nadeau, Warren, Maine:** "I attached a receiver hitch to a post in my shop and mounted a large vise in it. I can also mount the vise in any other receiver."

**Aaron M. Miller, Orwell, Ohio:** "The recoil spring on one of our Honda engines broke at one end. To fix it, we heated it and bent it to match the angle of the old one. It lasted for 8 more years after that."

"To keep grass from sticking under a mower deck, first clean the deck as well as you can. Then coat liberally with Fluid Film undercoating. Then heat with a propane torch so the film soaks into the rusted areas. Afterwards, grass washes off easily with a garden hose."

**Henry Yoder, Mt. Vernon, Mo.:** "After I use a shovel, spade, digger, hoe or other digging tool, I clean it off thoroughly and then spray it with WD40. You can keep the cost down by buying a gallon of WD40 and using an inexpensive spray bottle to apply it. Keeps tools looking like new."



**Bob Moty, Crystal Lake, Ill.:** "I bought several Kangas Flex-Lube grease hose assemblies about 20 years ago after reading about them in FARM SHOW. They were made by Roy Kangas in Dodgeville, Mich., and are among the handiest tools I've ever bought. It's a simple grease hose that has a continuous swivel on the grease gun end and a compact angle coupler at the other. Great for reaching fittings in tight places and can handle up to 3,000 psi."

"Now when someone sees it on my grease gun, they want to know where to get one. But Roy quit selling them several years ago. I would like to see a manufacturer pick up on the idea and bring them back to market."

**Fritz Groszkruger, Dumont, Iowa:**

Zip ties can be used for lots of things. Fritz noticed this repair his neighbor made to a broken tarp strap. A tightly closed zip tie was placed over the broken ends and it works like new.



**Joe Johnson, Meridian, Miss.:** "I was working on a 3-cyl. Perkins diesel engine from a Massey Ferguson 150. I needed a way to keep debris from falling into the cylinder bores when cleaning the engine block surface for head gasket replacement."

"Everyone says to stuff rags into the bores but that's not every effective. Instead, I decided to use coffee filters and grease. Rotate the crankshaft until all pistons are as far from top dead center as possible. Cut each filter (if necessary) so it will fit neatly into the bore without extending above the surface. Place a ring of grease around each bore and press the edges of the filters into the grease. After scraping and sanding the block, carefully remove each filter and wipe down the bores. No debris will have gotten into the cylinders."