

spacer to install a new seal with a slightly smaller circumference in the hole. It saved me a lot of time and trouble.”

Shawn Wagner, Plainwell, Mich.: “We had problems on my grandfather’s farm with panels on the combine breaking and cracking but were able to use JB Weld to solve the problem. We also used it to repair a 2-in. shaft on my stump grinder. We filled in a worn out spot on the shaft and let the material harden, then used a lathe to turn it down. It has held up great for years.”

Garlon Peterson, Wild Rose, Wis.: “My old Sears riding mower sat around for a long time because the steering gear on it didn’t work. I finally got it fixed, but by that time the mower’s tires were flat from sitting so long. I tried putting air in the tires, but they went flat after only a day or two because the sidewalls were cracked and porous.

“I’m too cheap to buy Green Slime or other tire sealants, so I tried adding old motor oil instead. I removed the core from the valve stem and used a funnel to pour the oil in, adding one pint to each of the front tires and one quart in the bigger rear tires. After 3 months the tires still haven’t lost any air, and no oil is seeping out of the sidewalls. Apparently the oil makes the rubber expand, and the oil molecules won’t go through the cracks as easy as air molecules would.”

According to the company, Start Your Engines should be used any time an engine begins to run rough or becomes difficult to start. They say it’s particularly useful after long term storage. The product is not recommended for diesel.



Milwaukee Electric Tool Corp.: Its magnetic Torpedo Pocket Level works similar to a protractor or angle finder, while also working as a traditional pocket level for quick checks. It comes with a locking,



rotating 360-degree adjustable vial that lets you identify and repeat any angle needed. The level vial is clear and easy to read, and has one-degree increments on one side and common angles marked on the other for less clutter.

The bubble is magnified which makes it easy to read. Sells for \$24.97 at Home Depot (www.homedepot.com).



Bob Payne, Coldwater, Miss.: “I bolted my stationary grinder onto an inexpensive 2-wheeler cart so that I can move it around wherever there’s good light and ventilation. The cart also makes the grinder easy to store out of the way. The base attaches to the foot of the 2-wheeler with 2 big bolts and washers.”

Roger H. Keil, Bellevue, Iowa: “I used old 8-in. long railroad spikes to replace some of the worn-out teeth on a 10-ft. drag that I pull behind my roller harrow. The drag has 2 rows of teeth which are bolted to pipes. I got the leftover spikes for free after a nearby railroad track was rebuilt.

“I cut off the square head on each spike and welded a 5/16-in. dia. bolt in its place. Then I ran the spike through the pipe, welded a washer onto the bolt, and added a nut. I also bent the washer slightly to keep the spike from unscrewing. I’ve replaced my drag’s teeth this way for several years. Railroad spikes are very hard so they don’t wear out easily.”

Jim Ellinger, Hanna, Ind.: “In a recent issue of FARM SHOW a reader said the Behr DeckOver coating he applied to his deck was peeling off. I think the problem was that he didn’t prep the wood properly. You have to pressure wash it good first. I used this product on two porches and a deck totaling more than 1,000 square feet, and three years later it still looks perfect.”



Marlin Galde replaced the tube on his grease gun with a 15-in. straight pipe extension, making it easier to lubricate the deck pulleys on his riding mower. A T fitting is threaded onto end of pipe, and a grease fitting threaded onto bottom of T.

Grease Gun Extension Helps Reach Mower Zerks

A homemade grease gun extension makes it easy for Marlin Galde to lubricate the deck pulleys on his Deere 325 all-wheel-steer riding mower equipped with a 48-in. deck.

“The zerks on this deck’s 3 pulleys are difficult to get at, and using a flexible hose on my grease gun didn’t work very well. I made a 15-in. long straight pipe extension that works much better,” says Galde. “I also use the extension on my New Holland Boomer compact tractor equipped with a 72-in. belly-mount deck.”

He removed the grease gun’s fixed tube and replaced it with a 15-in. length of plumbing pipe that’s threaded on both ends. He threaded a T fitting onto the end of the pipe and then threaded a 2-in. long grease fitting onto the bottom of the T. He also threaded another grease fitting onto the far end of the T. He caps it off when using the other fitting.

“I use the pipe extension mainly for vertical access to zerks on mower belt pulleys,” explains Galde. “I just reach in and push down to lock the grease fitting onto the zerk and then start pumping. I use another grease gun on zerks that are easier to access.”

Galde says he’s considering manufacturing



Another grease fitting is threaded onto far end of T. Galde caps it off when using the other fitting.

the grease gun attachment.

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Combined Manufacturing, Inc., Wildwood, Mo. (www.ezpourspout.com): Their EZ-Pour Replacement Spout is designed to fit a variety of fuel and water containers that have some sort of safety spout automatic shutoff and no vent.

Two threaded collars are included to fit most fuel cans, and you can add a vent that will securely fit over a 1/2-in. dia. hole. Adapters are available for traditional “jerry” cans and old metal cans.



Spra-Tool Aerosol Spray Gun: Want to do a small paint touch-up but don’t like the hassle of having to clean a paint gun? Eastwood Garage makes a reusable aerosol sprayer called the Spra-Tool (www.eastwood.com). It consists of an 8-oz. plastic bottle attached to an aerosol can. You just pour the paint into the bottle and screw it into place, and then pull a trigger.

The Spra-Tool can be used to spray most paints and liquids up to the viscosity of light oil. The spray head comes with 3 interchangeable spray tip inserts.

Start Your Engines Fuel Systems Revitalizer: This fuel system additive is designed to ensure easy starting of equipment that has been sitting for a long time (www.startyourengines.com; ph 773 376-4400). It works by adding combustibility to old fuel and removes gum and varnish sediment in the fuel system.



Wall-mounted, automatic paint can “shaker” uses a 10-in. length of pvc tubing cut in half lengthwise and attached to an old sabre saw.

“Sabre Saw” Paint Can Shaker

James Nicholson made a wall-mounted, automatic aerosol paint can “shaker” that makes use of an old sabre saw. The paint can sets inside a piece of pvc tubing, which attaches to the saw in place of the blade.

“I came up with the idea because I was tired of shaking spray cans,” says Nicholson.

He cut a 10-in. length of 3-in. dia. pvc tubing in half lengthwise and screwed round pieces of 1/2-in. thick plywood onto both ends of the tube to close it off. He installed a small spring in one of the pieces to hold the can in place. He then riveted the tube onto a length of 1/2-in. key stock that serves as a support. A length of light-duty channel iron is bolted to the base of the saw and serves as

a support and guide for the key stock and pvc tube.

“It works great and really comes in handy since I do a lot of spray painting and varnishing in my work shop,” says Nicholson. “I bought the 3-speed sabre saw at a yard sale for \$7. I run the saw on low speed so it’s not too aggressive. Because the saw is wall-mounted, it stays nice and stable and doesn’t jump around. I cut a hole into each side of the tube so that when I’m done I can stick my fingers through and pop the can out.”

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