

**Tom Ashby, Abbeville, S.C.:** “The best solution I’ve found to all my electrical corrosion problems is **CorrosionX**, a great corrosion preventative. Works on any and all electrical connections, cleaning and restoring electrical continuity. It works great! ([www.corrosionx.com](http://www.corrosionx.com)).

“Another great product is **Clenzoil**, a cleaner and rust preventative. The best product I’ve found for all my gun maintenance and cleaning. It actually wipes surface rust off parts.”

**Neil Ohler, Stavely, Alta.:** “If I’ve got an air-cooled motor that hasn’t been started recently, I just squirt a bit of WD-40 into the air intake, crank it once, and let it sit for a couple hours. Then ‘voila!’, it starts right up – even 2-cycles.”



**Dale Jarvis, Thodosia, Mo.:** “My yard cart needed new tires. I had 2 older tires off the front of junked garden tractors so I decided to try them. To my surprise, they fit fine. Saved some money and they’re more durable than the ones that came on the cart originally.”

**Daniel Alderfer, Basalt, Colo.:** “My Sears 2,500 psi pressure washer stopped pumping. It has the 5 hp Honda vertical shaft motor, which runs well. It turns out the problem was simply a very fine sand that had caused each of the 6 check valves to stick open. The tiny valves were difficult to remove and clean, but now the pump works fine. The problem was water from a well with fine sand in it.”

**Joseph Syczylo, North Fork, Idaho:** “When filling fluids in tight places – like power steering fluid, brake fluid, and even engine oil – I’ve found that the pop-up top on many dish soap bottles will screw right onto an oil or fluid bottle. Or you can pour the fluid into the old dish soap bottle. No need for funnels and it’s easy to control the flow so there’s no mess.”



Upper end of ladder is hinged to one side of loft opening. Cables attached to side of ladder run up through ceiling and over pulleys to a bundle of old window weights. Weights are balanced so ladder floats up or down easily with one hand.

## “Easy Up” Shop Ladder

Paul Tierney needed a ladder to get up to the loft above his shop but he didn’t want to take up valuable floor space. So he made this “easy up” ladder that’s easy to raise and lower when needed.

He simply hinged the upper end of the ladder to one side of the opening into the loft. Then he attached two steel cables to one side of the ladder and ran them up through the floor of the loft, over a couple of small pulleys, and attached each cable to a bundle

**James J. Keem, Arcade, N.Y.:** “I depend on hired help to maintain and lube equipment, so I change the color of grease we use at regular intervals. That way I can tell at a glance if the machine has been lubed.”

**Weaver’s Compact Tractor, Shippensburg, Penn. (ph 866 950-1050):** Weaver’s has a large inventory of reconditioned and new aftermarket parts for



Japanese New Holland engines, often called JSM or Shibaura engines. They’re found in compact Ford New Holland tractors and skid loaders. Weavers sells new aftermarket piston rings, bearings, and gaskets for these engines and also sells used and/or reconditioned blocks, cranks, rods, heads, etc. They also have new overhaul kits starting at \$595 complete, as well as rebuilt engines.



**Joe Williams, Maple Grove, Minn.:** “If you drop a ring, a bolt, or other small part down a sink drain, you can get it out easily without having to get out your plumbing tools. Just stretch a nylon stocking over the nozzle of a shop vac and stick it over the drain. Whatever it pulls up will stick to the nylon for easy retrieval.”



# 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](mailto:editor@farmshow.com).

Mark Newhall, Editor

**Brendon Schaufelberg, Amsterdam, N.Y.:** “I recently bought a Claas Uniwrap 375 baler and found myself with lots of black plastic tubes left over from the bale wrap. They are too good to throw out so I mount the tubes on the wall to hold shovels, brooms, and other long-handled tools.”

**O.J. Hanson, Kaycee, Wyo.:** “I used to have frequent battery problems with my PA-18 Super Cub airplane. About 20 years ago I installed an Optima gel cell car battery and I’m still using that battery today with no problems. I had to remove the original battery box and bolt down the gel cell using holes in the battery casing.”

**Michael A. Smith, Elkton, Md.:** “Many guys are of the opinion that older Kubota fuel injectors are too sophisticated for the average mechanic to mess with. They’re not. Just put them in a vise and carefully unscrew the body and use emery cloth to polish up the needle and spring. That will unstick them.”

Here’s another idea: “I had to compress the spring washers in a Deere 455G’s powershift clutch pack. Mimicking the Deere service manual picture, I cut a wide notch out of an old 18-in. long cylinder tube with a 4-in. bore and used a press. They came out nice while allowing me room to release the snap ring.”



**Harold Fratzke, Cottonwood, Minn.:** “I made a portable hydraulic press that can be used with any hydraulic jack.

“The portable press measures 12 in. wide by 8 in. deep and about 2 ft. high. The base is made from 1/2-in. thick railroad iron and

has four legs made from 2 1/2 by 2-in. sq. tubing welded onto it at each corner. A 1/2-in. thick flat railroad plate is welded on top of the legs and has a 2-in. dia. hole drilled into it at the center.

“It’s built strong and works great with standard 10 to 20-ton hydraulic jacks. It weighs only about 20 lbs. so I can easily lift it in back of my pickup if I need to take it somewhere. Works great for punching shafts out of sprockets and gears, for punching out holes in metal, and for bending iron. However, if I built another one I’d use telescoping legs that could be adjusted up or down to make room for longer shafts.”

**Fred Thompson, Ferndale, Wash.:** “I keep my Bucket Boss tool bucket on a lazy susan on my work bench. It keeps all my tools just a spin away.”



The Bucket Boss is a heavy-duty nylon tool holder designed to fit over a 5-gal. bucket (ph 888 797-7855; [bucketboss.com](http://bucketboss.com)). It has 16 pockets around the outside and 11 additional pockets that hug the inside of the bucket, leaving the entire interior open to hold larger tools, extension cords, etc.

Thompson, a cabinet maker, commonly installs 9-in. dia. lazy susans designed for use in kitchen cabinets. “One day I set my Bucket Boss on a lazy susan and it worked great. I could spin the bucket and grab whatever tool I needed instantly without even thinking.”

So, he decided to build a lazy susan just for a 5-gal. bucket. He placed the lazy susan between 2 pieces of plywood, with the lazy susan riding on a pair of 6-in. dia. flat bearings. There was a small ring on the bottom side of the bucket, so he used a hole saw to cut a corresponding circular groove into the plywood. “The groove keeps the bucket stable,” says Thompson.