

Jim Taylor, Onaway, Mich.: "I remove the magnets out of old audio speakers and screw them to the bottom of a shelf by my workbench. It works great to keep track of small parts when I'm working on a project."

Tom Berggren, Phoenix, Ariz.: "When changing oil on a tractor in the field, you can use your belt as a filter wrench if you forget to bring a wrench with you. The wider the belt the better."

Jerry Noteboom, Rock Valley, Iowa: "To clean rust out of sprockets and hubs, I use a 3/8-in. dia. rod about 6 in. long. I use a hacksaw to cut a slot in one end about 1 in. deep. Then I take a piece of emory cloth and slide it into the slot. You can then put the rod in a drill and it will wrap up into a circle. Then insert it into the hub to clean it out."

Ed Welters, Verona, Mo.: "Last summer we did a lot of haying. I ran a 150 hp. White diesel tractor on the mower at 6 1/2 mph using only 2 gal. of fuel per hour. Our White 80 hp American ran on 1 gal. per hour. We credit this to a slower engine speed and the fact that White tractors have 18-speed on-the-go transmissions. They have 15 speeds up to 10 mph."

"My advice to people trying to save money on fuel is to throttle back. Don't run any more than you really need on your job. Most bigger diesel tractors shouldn't run at over 2,000 rpm's for good economy."

Mark Conyers, Weatherford, Texas: "A good idea I had when I built my shop was to insert a 4-in. sq. steel tube post into the ground before the floor was poured. There's a flat steel plate on top for mounting a large vise. This stand alone vise has plenty of room around it so it's easy to work with. And no heavy workbench is required for mounting."

Pete Peters, Osler, Sask.: "I came up with a portable chainsaw sharpening vise by bolting a small vise to the top of a 3-ft. high steel pipe, which is welded into an old car wheel hub that serves as a stand."

"To provide more sharpening area, I welded in new material to lengthen the vise jaws by about eight inches. To sharpen the chain, I just the clamp it into the vise and use

a file to sharpen the area inside the vise. Then I loosen the vise jaws and sharpen another section of chain until I've gone all the way around it.

"It really comes in handy because I can use it anywhere and even haul it in my pickup when cutting firewood in the

woods. A metal tube welded onto the pipe serves as a handy place to keep saw files."

Duluth Trading Co., Belleville, Wis. ph 800 505-8888 or 877 382-2345; www.duluthtrading.com: You can do anything with duct tape, except for cutting it off the roll in a smooth, straight piece. This new product solves that problem. The Tape Wran-



gler is like a giant scotch tape dispenser for duct tape. The tape roll fits on a spool and pulls off across a cutting blade that keeps the cuts neat and straight, without any partial tears. It even lets you tear duct tape one-handed. The caddy can be mounted on a wall or bench top, or clipped to a belt so you can carry a roll with you as you work on a job. It'll hold a 70-yard roll of 2-in. tape. Sells for \$25.

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

The company also offers flexible magnetic tape that allows you to put a magnetic backing on nearly any object around your home, shop or office. You get 25 ft. of 1/2-in. wide adhesive-backed magnetic tape. Just cut a strip off with scissors or hobby knife, peel off the backing and stick it to whatever object you want to stick. You can also stick up a long strip of magnetic tape on the shelf above your workbench for a place to stick screws while you're reworking on repairs.

Sells for \$9.50.

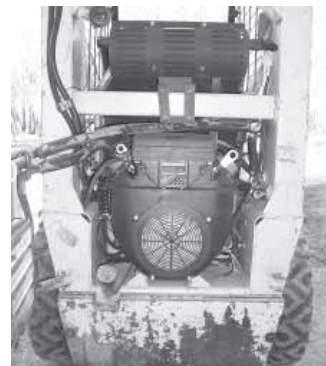
Prazi, Inc., 214 South Meadow Road, Plymouth, Mass. 02360 ph 800 262-0211 or 508 747-1490; www.praziusa.com: This company offers an "at-your-fingertips" hammer holder that eliminates "leg bang".

Prazi's Hammer Holder clips onto any tool or waist belt with the hammer head inside the holster. When you're ready to use the hammer, you grab the handle, not the head, so it's ready to swing. The holster is reversible for right or left handers, and it's adjustable so you can put the hammer handle exactly where you want it. The unit can be used with any style of hammer. You can order it on the company's website for \$9.95.



Fritz Groszkruger, Dumont, Iowa: "I have a problem with the feederhouse on my Deere 6600 combine. Soybean dust and stems build up inside, holding up the drum so it won't feed evenly. Because of the uneven feeding, I broke two idler arms on the variable cylinder sheave before I started cleaning out that spot at the leveling adjustment with a piece of wire every time I unload. I can only cover about 50 acres before I have to take off the header and do both sides. Any suggestions on how to solve this problem would be appreciated."

John Heckman, Shell Rock, Iowa: "When the original engine on my Case 1816 skid steer loader went bad, I replaced it with a new Honda 24 hp twin cylinder engine. It



now runs much smoother and quieter and has a lot more power. The new engine came complete with a starter, and the wiring and control cables fit without requiring any alterations. I did run a new wire from the starter to the ignition switch, bypassing the original starter solenoid.

"The new engine fit in the available space with about an inch of clearance all around. I drilled new mounting holes in the existing motor mount brackets. The original 1 3/16-in. dia. pulleys driving the hydraulic pumps didn't fit the new 1 1/8-in. dia. shaft, so I purchased new double and single sheaves with a taper lock adapter to fit the new driveshaft. I drilled and bolted the new sheaves together and mounted them together on the one taper hub. Since the new engine's driveshaft was mounted slightly higher than the crankshaft on the original engine, I bought a 1-in. longer drive belt for the bottom pump and a 1-in. shorter belt for the top pump. The original side pump belt-fit without requiring any alterations.

"The muffler system required the most custom work. I mounted a new twin cylinder engine muffler on the frame above the engine and fabricated new exhaust pipes to fit and clear everything. I'd be glad to answer any questions about the installation."

Charles Klein, Columbia, Ill.: He built a table specifically for painting tractor parts. He came up with the idea of using expanded metal because it allows the surplus paint spray to flow on through without puddling up.

Lloyd Fraese, Sangamon County, Ill.: He was so intent on having a shop with an ad-

Trouble-Free Air Filter Cleaner

Cleaning dirty air filters is an easy job with this new air filter cleaner that uses a blast of air to instantly clean filters.

The Filt-O-Kleen is designed to clean dirt from paper air filters and was invented by Clifton Wilbourn of Versailles, Mo. "It's built strong and is trouble-free. If you go through a lot of filters, it'll pay for itself in no time," says Wilbourn. "It's not intended to permanently replace the purchase of new air filters. It'll just make them last longer."

Each tank comes with instructions and a diagram for easy assembly. Tanks are powder coated inside and outside and are pressure tested at 300 psi.

To clean a filter, the tank is placed on top of the filter with the gasket side up toward the base plate. The volume of air pressure cleans the filter of dirt and debris instantly. "It's a safe and efficient way of cleaning paper filters at an affordable price. It does an amazing job of cleaning dirt from filters," says Wilbourn. "The air tank can be pressurized and used on filters ranging in pressure from 80 to 125 psi, depending on size of filter."

"In the past, we held the filters in our hands and tried to blow out all the dirt with a hose from the air compressor. You can spend a lot of time cleaning filters this way and possibly damage the paper in the filter. The Filt-O-Kleen works much better and it takes less time, too."

Two models are available. An 11-gal. model sells for \$290 plus S&H, and a 7-gal. model for \$260 plus S&H.



"It's a safe and efficient way of cleaning paper filters at an affordable price," says Clifton Wilbourn about his Filt-O-Kleen air filter cleaner.

Contact: FARM SHOW Followup, Clifton Wilbourn, 22875 Highway TT, Versailles, Mo. 65084 (ph 573 378-5723; wilbourn@netscape.com).