



Ken Sharabok, Waverly, Tenn.: "Bushhogging is hard on a muffler. If a limb doesn't reach out and knock it around, the back and forth jarring tends to weaken or break the weld at the bottom. When I put a new muffler on recently, I made a bracket out of strap metal and angle brackets. The welding is kind of ugly but it's strong. (Muffler is upside down in photo.)"

Ken Corthals, Burton, Mich.: "If a little foreign material falls into anti-freeze that I plan to reuse, I filter it with a fine mesh automotive paint filter. It's the kind of filter that stores often give out for free when you buy painting supplies."

T.J. Shambaugh, Oakley, Ill.: Fed up with damage to spray booms, T.J. came up with



a relatively easy way to hinge the ends of the booms. He used steering ball joints off a truck. Now, if the end of the boom digs into the ground, the hinged section pivots up and back.



Cary Urka, Brethren, Mich.: "I bought this steel rack at an auction for \$50, painted

Refueling Made Easier With Home-Built Stand

On a busy farm, refueling tractors and trucks is an on-going task, but Gord Stein of Barrhead, Alberta made the job easier and safer by building a good-looking metal fuel tank stand.

The unit holds three 300-gal. tanks 9 ft. off the ground. Stein hooked two of the tanks together for a 600-gal. diesel capacity, and he uses the third tank for gas.

He included a 2-ft. wide walkway (3 ft. off the ground), complete with a two-step ladder and handrail, for reaching tractor fuel caps. Just beneath the walkway, Stein installed two metal storage compartments for keeping jugs and miscellaneous items.

Another ladder leads up to a tank-level platform. A guard rail makes the lofty perch a safer place to be.

Stein used 2 7/8-in. oilfield pipe for the frame of the stand and metal strap iron for side braces and tank cradles. The ladders and guard rail are made of 3/4-in. sucker rod.

He says materials cost him under \$300 (Canada), and it took him about a week to build the unit.

Contact: FARM SHOW Followup, Gord

it, and bolted it to my shop floor. The rack measures 12 ft. wide, 3 ft. deep, and 7 ft. high. Works great for storing miscellaneous objects, pieces of steel, etc. Bins on one end of the rack are used to store pipe fittings. I mounted a punching bag on the rack for occasional workouts.

"I bought this desk at an auction for \$5 and use it to store electrical parts, circuit break-



ers, etc. I used metal tubing to build a shelf that mounts on top of the desk. I bolted a floor to the bottom side of the desk which I use to store an oil drain pan. Shims were bolted to the bottom side of the floor, allowing me to use my pallet jack to move the desk around."



Elliott Brothers, Montrose, Ill.: Bruce and Roger Elliott built a crusher for oil filters. It reduces filters right down to hockey puck size and pushes out any remaining oil into a catch basin below. They used a piece of box beam with a hydraulic cylinder mounted inside of it. They cut away a lower portion of the box beam to put the filter in and welded it onto a base with a drain hole in it. An electric-hydraulic pump is used to supply hydraulic pressure.

Keith Snyder, 2435 Route 973 East, Cogan Station, Penn. 17728 ph 570 494-2627: "My homemade tractor stand mounts on wheels and uses a pair of hand-operated



Fuel tank stand holds three 300-gal. tanks 9 ft. off the ground and has a two-step ladder and handrail.

Stein, R.R.#3, Site 2, Box 9, Barrhead, Alberta, Canada T7N 1N4 (ph 780 674-4706).

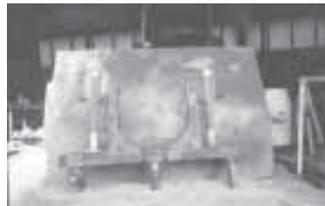
FARM SHOW®

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 E-mail us at: Editor@farmshow.com.

Mark Newhall, Editor



jacks to split the tractor, allowing installation of a new clutch or torque amplifier or removal of the engine. The stand attaches in four places, allowing the front of the tractor to be rolled forward. It allows me to easily move the tractor up or down so I can realign bolt holes and dowel pins during reassembly.

"The stand bolts directly to all Farmall models, from the 400 to the 1586. However, I believe it would also fit other brands of row crop tractors that have a similar front frame design. I'm willing to sell plans to make your own, which would include sizes and details for each piece. I'll also custom build stands for others on request."

O.E.M. Tractor Parts, Rt. 9 East, Box 362, Bloomington, Ill. 61702 ph 800 283-2122; email: oem4glas@gte.net: Anyone who restores Farmall tractors will be interested in this new starter coil that's designed to look just like the original, and work even



better. The coil fits all Farmall models ever made. Both 6 and 12-volt models are available.

"It looks much more authentic than using an aftermarket coil," says Dale Smith. "It actually works better than the original coils because it uses modern technology, and because it's wound tighter to provide even more spark. That's important because with today's lower octane gas a coil needs more spark."

Smith says his company offers more than 1,000 different items that you can't buy anywhere else. "As far as I know we're the only U.S. manufacturer that offers original parts to restore International Harvester tractors and make them look as authentic as possible.

Some of the parts we offer include hoods, battery boxes, lights, wiring harnesses, and so on."

Steve Spiering, 48594 Hwy. 158, Milbank, S. Dak. 57252 (ph 320 568-2246): "I made a pull-out drawer for my shop bench that allows me to pull out my chop saw any



time I want to cut long stock. The chop saw is bolted to the drawer, which is made out of plywood and rides on a pair of extender rails and inside a couple of brackets that mount on the bench. The drawer has a high back side that catches any debris thrown by the



chop saw and keeps it from falling onto the bench. I paid \$8 for the rails which I bought at a liquidator store.

"The drawer really comes in handy. I don't need it if I'm cutting something short, but if I want to cut something long I just pull out the drawer. When I'm done cutting I just push the drawer back in so it's out of the way."

Elmer Pinkerton, Elmwood, Neb.: "I enjoyed reading how Leland Saele of Forth Worth, Texas, used his shop-vac, a 5-gal. bucket, and a 1-quart oil bottle to make an 'oil vacuum' for sucking oil out of his Honda lawn mower engine (Vol. 27, No. 3). Many years ago I had a friend who blew out duck and goose eggs so that he could make painted religious decorations. I made him a similar oil vac. From the lid of a 1-gal. wide-mouth jar I soldered in two small copper tubes that go inside the jar - one very short tube and another that's a few inches longer. Both tubes were kept separate from each other. A rubber hose ran from the long tube up to the vacuum line of a car engine, and another rubber hose