

**Arnold Ross, Webber, Kan.:** "To reduce maintenance on our Hesston 1014 hydroswing mower, we raised the tractor drawbar about 8 in. That lets it float a lot more so it doesn't run into ridges or terraces as you cut. It's made a big difference."

**Barry Diffenderfer, Manheim, Penn.:** "When replacing a hose or wire on a piece of equipment, especially if it's long or hard to get to, attach a piece of wire to the one end before pulling the old hose out. This makes it easy to pull the new hose, or wire, into place."

**Richard Zimmerman, McBride, British Columbia:** "When I have to drop a transmission out of a big truck, I don't trust transmission jacks. They don't seem too safe. So I came up with my own method."

"I use a pipe across the top of the frame with holes drilled in line with the sides of the transmission. I run a steel cable under the transmission and up through the holes in the pipe and roll up a few feet of cable on the pipe. Then I unbolt the transmission and drop it down by unwinding the pipe with pry bars fitted into holes on the ends of the pipe. The more holes you put in the ends of the pipe, the more precisely you can pull the transmission into place."

**Kay Reitz, Mayport, Penn.:** "Here's how I repair loose U-joints. I coat a loose cup on a joint with JB Weld and put it into the yoke. Then just give it a day to harden. It'll be like new."

**Dan Krenzel, Cullman, Ala.:** While reading FARM SHOW, I read about a guy with antifreeze in a crankcase. It brought back memories for me of a problem I once had.

In about 1950, my father purchased a truck for field to farm use. It was sold cheap because it had a cracked block water jacket. He wanted it for its steel box and excellent hoist.

Time and harvest prevented any repairs so he just drained the antifreeze out and rinsed the cooling system. We filled it with rainwater and threw away the radiator cap. In the morning, we loosened the oil drain

plug and drained off the accumulated water, retightened it, and cranked it up. We drove it a lot during the day and the only thing we noticed was the crankcase breather pipe steamed a lot. We checked the water during the day and added as needed. We used that 6-cyl. GMC for 20 years, then it was sold at our farm auction in 1976 to a neighbor for what we paid for it originally. The neighbor knew how well it worked.

We never used the truck in winter – only spring, summer and fall. I surely loved that unloading hoist because it made jobs so easy. As kids we diverted the breather pipe up to the air cleaner and the steam from the water in the crankcase made that engine run good, just like in a rain. The high humidity sure made a noticeable difference in performance. Like a primitive water injection system.

It was just one more example of farmers using ingenuity to solve a challenging problem.



**Richard Hinds, Springfield, Ill.:** Constant use of spec sheets and manuals resulted in grimy, grease-covered pages that were hard to read. Richard came up with a way to protect valuable pages. He "sandwiches" important pages between two pieces of plastic window pane, bolting them together. They're easy to read, can be quickly taken apart, and no amount of handling will damage them.

**Murray Dunn, Patton, Mo.:** "Here's a little tip which may help some others. ATV tires should be inflated to the same level and

**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**

you should have the same size tires on all wheels. Otherwise, it can be difficult to handle. Sometimes, when you replace a tire, one tire might be smaller or larger than another. To solve the problem, after inflation, I measure from the rim to a level surface, such as the floor. I over-inflate smaller tires to match the larger tires, even though the pressure may be greater than the desired level. The machine handles better this way."

**Landis Zimmerman, Zimmerman Oliver-Cletrac, 1450 Diamond Station Rd., Ephrata, Penn. 17522 (ph 717 738-2573):** "We specialize in parts and service

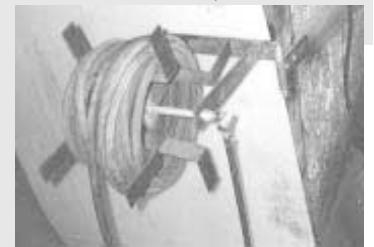
of the mechanical parts available for the following models: HG, OC-3, OC-4 & 46, and OC-6. Parts availability for larger and older models varies according to the age and popularity of the machine. We're regularly adding new and rebuilt parts to our line.

"We also rebuild engines, spot turn units, steering brake bands (relining), carburetors, Wico magnetos, water pumps, starters, generators, and distributors. Many more services are also available.

"There are still thousands of these machines in use or owned by collectors."



for Oliver-Cletrac crawler tractors, featuring new, used and rebuilt parts. We have most



**Roger Bennett, Elkton, S. Dak.:** Roger built an air hose reel from strap iron. "The hose was always strung out on the floor and (Continued on next page)"

## Tool Tree Keeps You Organized

"The Tool Tree" is designed to keep all types of farm and yard tools together in one space-efficient place.

Glyn and Joy Newman of Whitewood, Sask., grew frustrated with the mess their tools made in their garage and shop.

"We had everything stuffed into five-gallon pails and they were always falling over," Glyn confesses. "Joy suggested that we hang our tools on the wall but I didn't like that idea."

Instead, Glyn set about designing a storage system built from a 1-in. sq. tubing. Through trial and error, he learned how to balance the unit and make it so all types of tools would fit. The Tool Tree is painted black. The base serves as a stand for straight-handled tools such as rakes, hoes and brooms while the top section has hooks for scoop shovels, snow shovels, and any other tool capable of being hung.

Newman came up with three different models, which use varying amounts of floor space and accommodate different quantities of tools. The deluxe model can hold more than 30 tools. It has nine accessories available for expansion purposes.

The base unit comes with 4-in. long pieces of various-sized sq. tubing inserts and angle iron for sizing the handle hold-

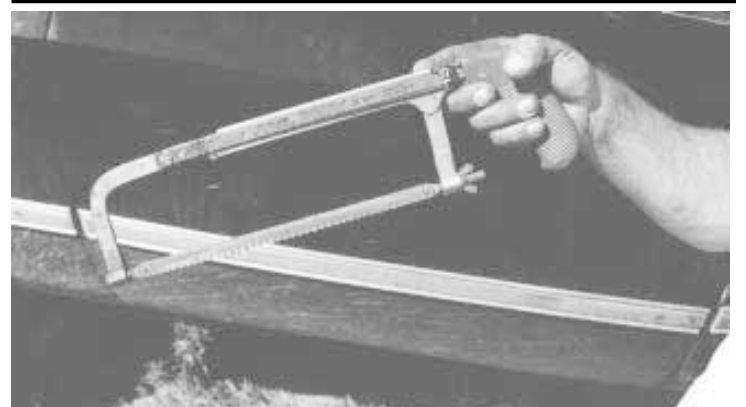


ers on the base. These materials may be used alone or in combination with each other as required.

"The Tool Tree" comes with a lifetime guarantee. A free information package is available on request.

The three models of base units sell for \$49.99, \$64.99, and \$119.99, respectively, and accessories range in price from \$6.99 to \$22.99.

Contact: FARM SHOW Followup, Glyn Newman, Box 929, Whitewood, Sask., Canada, SOG 5CO (ph 306 735-7619, 2361, or 7615).



**James Bray, Gillespie, Ill.:** When Jim breaks a hack saw blade, he never has to scurry around looking for a replacement. He has several spare blades taped to the hack

saw. He slips one end into the plastic handle and tapes the loose end to the saw. He says they never get in the way because they fit so snugly to the saw.