



**Bill Reeks, Cromwell, Ky.:** "To break the bead of stubborn tires from the wheel rim, I lay a 3 by 4-in. board on the tire with the end close to the wheel rim and drive one wheel of a vehicle up on the board. The weight of my Suburban pops the bead loose easily. It's simple, cheap and effective."

**William Winter, Tower Hill, Ill.:** "I bought a scissors table at a factory dispersal sale and put wheels on it so I can move it



around the shop. I use it to move supplies and materials around. I can load them from the back of my Jeep and wheel them to shelves or storage areas and then unload them. The table can be raised up to 4 1/2 ft. high, so it saves a lot of lifting. I've even used it to support a tractor transmission while working on it." Winter says the scissors lift is raised by an air pressure cylinder so it's easily adjusted. He wishes he'd bought more, but adds that a similar table would be relatively easy to build.

**Pete Peters, Osler, Sask.:** "Here are a couple of back-saving ideas I use. First, I made a heavy-duty cart from the front axle and wheels off an old riding mower. It works great for moving auger engines and other heavy items without lifting them.



**Dunton slipped a large T-shaped section of pipe over the flue pipe on his stove. An aeration fan pulls heated air off the flue pipe and circulates it around his shop.**

## Easy Way To Boost Heat From Wood Stove

Robert Dunton, Topeka, Ill., found an easy way to boost heat output of the wood stove he uses to heat his shop.

He simply slipped a large T-shaped section of pipe over the flue pipe on his stove. The "T" is fitted with a grain aeration fan of the type that's normally used to screw down into



posts and lumber, is the same height as my pickup bed. All I have to do is slide the tank into the truck bed. When I'm through with the tank, I just slide it onto the stand."



Peters also passed along an electrical idea. "If you need to replace the alternator on an older tractor, combine, or other vehicle, it's simple to make the changeover from the old external regulator style to the newer internal regulator style by just installing a one-wire Delco self-exciting regulator. All you need to do is hook the existing live wire to the main terminal on the alternator. If you want a volt or amp meter, run a wire from the #1 terminal on the alternator to the meter and then to the positive side of the battery. If the regulator's bad on your old Delco external alternator, you can change it to a one-wire system by replacing the regulator with a self-exciting regulator."

**Allan S. Maclean, Kingston, Ont.:** "Waste oil can be stored in horizontally mounted 45 gal. drums by installing a piece

of 2-in. pipe formed into a 90° elbow. Screw one end into the 2-in. hole, swinging it up to fill and down for a rain-proof vent. A 3/4-in. ball valve installed in the lower 3/4-in. tapped hole is used to draw off the oil."

**Richard Cox, Jacksonville, Ill.:** "I bought a pair of vises at an auction, which I turned into a large jig to hold items that I want to

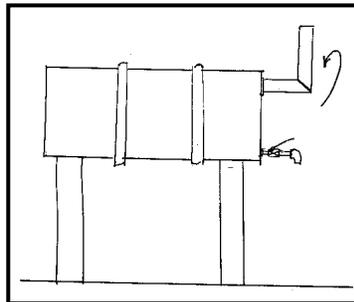
# FARM SHOW®

## 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*



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**Richard Cox, Jacksonville, Ill.:** "I bought a pair of vises at an auction, which I turned into a large jig to hold items that I want to



weld. For example, I can weld two rods together end to end. Having a firm base is essential for this kind of job. A steel plate welding table serves as a base."



**Robert Dunton, Topeka, Ill.:** "The first thing I did when I bought my new 3-pt.

mounted King Kutter mower was to mount a pair of 12-in. high gauge wheels on the front side. I use the mower along roadsides and right-of-ways. The gauge wheels keep the rig mowing evenly and prevent the deck from gouging the ground, which my landlord greatly appreciates. Each wheel is attached to the mower's 3-pt. bracket by a 1 by 3-in. flat metal bar. Deck height is controlled by adjusting a threaded rod with jamb nuts at each end. I set up my 8-ft. Bush Hog mower the same way, adding four gauge wheels on front of it.

"I also replaced the metal guards on both sides of the back part of the deck with lengths



of flexible 1/2-in. thick rubber. The original metal guards would at times drag in the ground and tear it up, whereas the flexible rear shield can yield to obstacles without getting twisted out of shape. I simply bolted the rubber onto the deck."

**Lloyd Meffert, Hettick, Ill.:** "I don't have as many broken blade bolts since I bolted a pair of metal skids onto both sides of my 5-



ft. wide New Idea mower. I use the mower to clear pasture land on which I've already cut down all the trees. I measured the highest stumps in the pasture and then made brackets for the skids accordingly, so the mower