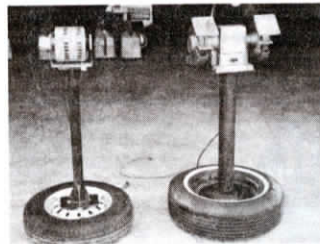




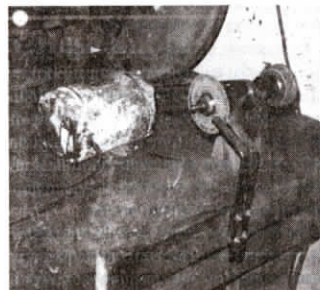
Don Baker, Binscarth, Manitoba: "Here's a great, no-cost way to make storage racks for pipe, rods, angle iron, bars, axles, and so on, out of discarded hot water tanks. You remove the outer housing and insulation and then cut out both ends out of the tank and stack 5 or 6 together on a wood pallet. These can then be easily moved if necessary with tractor forks. You can pick up the tanks at garbage dumps or from plumbers for nothing."



Gerald & Tim Coles, Murray, Kent: "We use old car wheels and tires to make vibration-free portable stands for grinders. You just weld or bolt a 3-in. pipe to the center of the rim and weld a flat metal plate to the top of the pipe for mounting the grinder and motor. The rubber tire rests on the floor, absorbing most of the vibration. It's easy to roll to a new location and was built from scrap so it only cost a little time."

"Another idea that we've used for years is mounting a wire wheel on the shaft of an old electric motor. You need to get an adapter (costs \$3 to \$4) to mount the wire wheel on motor shaft. We use an old washing machine motor. We mount the motor on one of our portable stands. The wire wheel works great for cleaning dirty or rusty parts."

Harold Weisbrook, Bushnell, Neb.: "I built a workbench for my shop. It's 14 ft. long and 28 in. wide with 6 drawers under the top and a storage place under those. The top of the bench is made from 2 by 8's with a hardboard top cover over that. Makes for a very smooth work area. I also used a small piece of short nap carpet on part of the bench to keep parts from rolling off. It's all built very solid."



Ben Kambeitz, Richmond, Sask.: "I mounted a shop saw blade on a grinding wheel and it's now the chop saw I use the most because it lets me keep both hands on the piece of metal to be cut. I used two pieces of L-shaped strap iron to make a cutting bracket that bolts to the front of the workbench. It supports the piece to be cut."

Ronald Melchert, Seymour, Wis.: "I recommend an S-shaped, 1/2 and 9/16-in. wrench (part #S-3) made by Mac Tools, Inc. (South Fayette St., Washington Court, Ohio 43160) for starter removal on Oliver and White tractors. Makes the job a lot easier."

Sam Steyer, Oakland, Md.: "My son Randall, put rubber belting on our Acorn barn cleaner in order to move sloppy manure up the manure ramps. Works very well."

Raymond L. Nice, Pekin, Ind.: Raymond has a way to eliminate problems with straw chopper plug-ups on IH 815 and 915 combines. "Just weld two 24 by 1/4-in. rods to the back warning device on 815 and 915 combines, extending them down in the chamber between the end of the straw walkers and the end of the chamber. The device will then work before the chamber is packed full."

Ken Lambert, Childress, Texas: "If you have a grease fitting that won't take grease, screw out the fitting and adapt a hydraulic hose to the hole. They use hydraulic pressure to flush it out."

"Here's another one. If you have a Kelly planter that's scattering seed, tape a small brush onto the seed tube. That'll solve the problem."

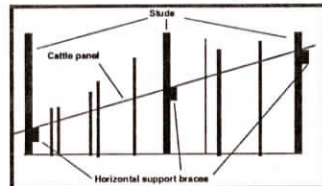
R.E. Charleton, Dillwyn, Va.: "Here's an important safety tip for anyone using a propane torch. Keep the nut on the torch pipe tight. If it blows out, you'll have a flame 3 ft. in dia. and 20 ft. long. It happened to me."

Fred Abels, Holland, Iowa: "Kinze Manufacturing's new soybean brush meter is the best product I've bought in the last year. You can use them to extend the life of Deere Max-Emerge planters. You don't have to trade up to get a Max-Emerge II. Just add the Kinze brush meter to your existing planter and you'll have a state-of-the-art machine. You'll save a lot of money."

Fred L. Sieber, Mt. Calvary, Wis.: "I used to have trouble with haymower sickles getting full of nicks and getting knocked loose by stones in the field. So I put runners on the bar to keep guards about 1 in. above the ground. I have used these runners about 5 years without nicks or loose sections."

W. Paul Malone, Coolee City, Wash.: "Rivet or tape welding goggles to the bottom of the bill on farm caps. It's comfortable and there's no need to adjust. We got the idea when the straps on our goggles broke."

Russell May, Lowell, Ohio: "I have a Caterpillar 7V dozer with a pony motor and I'd like to know if any of your readers have ever converted one to electric start or any motor other than the original pony motor. I've rebuilt this pony motor twice and I'm not satisfied with it. I'm not much of a mechanic and I need all the help I can get."



Clinton Church, Bisbee, N.Dak.: "I mounted a wire cattle panel at an angle on a wall, slanting downward from right to left. It's supported by 2 by 4 braces out from the wall studs. I use the square holes in the wire panel to store steel of various lengths, standing it on end. Makes it easy to organize and find what I need."

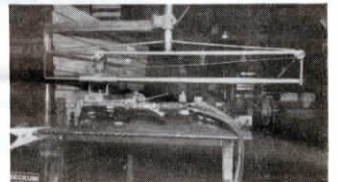
M.H. Burgers, Dinteloord, Holland: "As a subscriber to FARM SHOW, I find

Money-Saving Repairs & Maintenance Shortcuts

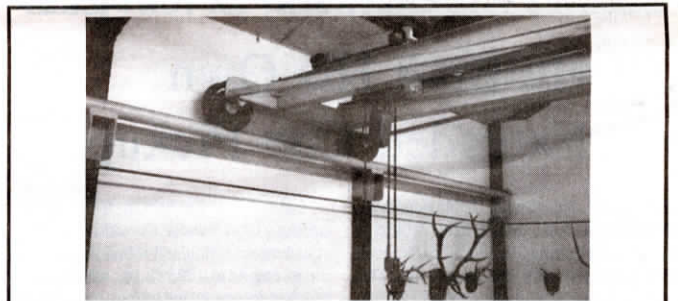
Have you come up with any unusual money saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of farm equipment and how you solved it.

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.

that although many of the new products featured could not be used here in Holland, many of the tips and "made-it-myself" ideas are very useful. I do a lot of flame-cutting so when I saw the story on Richard Walker's do-it-yourself flame cutter in Vol. 16, No. 2, I ordered his book and used it last winter to build my own radial arm flame cutter. It's an excellent machine. The only improvement I added was a small 'winch' to pull the



cutter along at an even speed. Leaves a cutting edge as smooth as if you cut it with

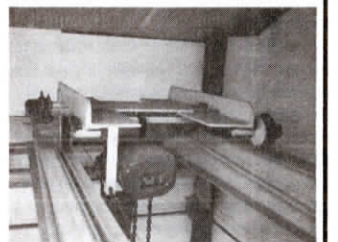


Shop Hoist Hangs From Double I-Beams

"In 1976, after my Dad and I had built a new shop, we were ready to install an overhead hoist. But we were concerned with how little lift height we were going to have using a single I-beam with a hoist hanging beneath it," says Rod Hubner, Garfield, Wash.

"Then I spotted a picture in an old book of a hoist in a Chicago steel plant that was carried above two I-beams rather than below a single one. I liked the idea because I knew it would give us an extra 2 ft. of clearance in our shop."

"We used two 10-in. I-beams with 3 by 5-in. angle iron endpieces holding them together. A pair of automotive hubs, spindles, and wheels were welded onto each end of the hoist. The wheels ride on 6-in. dia. well casing pipe mounted on the poles along the walls on brackets made out of heavy plate steel. We used clear plastic tubing filled with water as a 'liquid level' to determine the correct positioning on all the walls. The hoist carrier frame on top of the I-beams is made out of 3 by 5-in. angle iron supported by spindles and hubs - no



wheels - running in a 1 by 1-in. angle iron track that keeps it from sliding off the I-beams.

"We spent about \$1,000 to build the hoist, which was about one-third the cost of a commercial model that many of our neighbors were buying at the time. How any farmer can get along without an overhead hoist I'll never know. When I'm working by myself, it takes the place of a hired man."

Contact: FARM SHOW Followup, Rod Hubner, Rt. 1, Box 79, Garfield, Wash. 99130 (ph 509 635-1523).