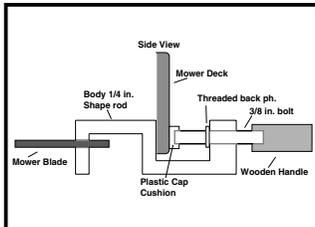


Mel Selin, Camrose, Alberta: "I had trouble with the steering on a 1979 DX 110 Deutz tractor. I bought a new steering pump for \$1,300 but it still wouldn't work so I talked to the dealer. He said the control unit under the dash was worn out and that a new one would be \$2,800. I purchased a used one for \$750 and installed it. The tractor still wouldn't steer. The dealer said the used unit must have been faulty. I asked if there were any filters to clean out besides the hydraulic filters. He said no but when I started tracing the hydraulic lines I found a plugged filter in the suction line to the steering pump. It was so full of metal filings from the old steering pump that no oil could get through. I cleaned it out, reinstalled it, and the tractor steered perfectly. When I told the dealer about it he didn't even know the filter was there. I spent a lot of money for nothing."

Loren Konda, New Effington, S. Dak.: "I've found a way to get rusted bolts loose that works a lot better than cussing. I mix equal parts of WD-40, carb cleaner, and brake parts cleaner and spray it on. Works every time. Just let it soak in for about 3 hrs."

"One modification I made to our shop was to add an upstairs floor for storage of extra parts. Doubled our storage area for little cost."

Ed Panchyshak, Windsor, Ont.: "I saw this idea in Popular Mechanics and was able to locate one of the tools at a local tire store. It's called a Blade Buster and it makes



it easy to take off a mower blade, leaving both hands free. Works much better than using a stick or a towel or your foot. It simply clamps to the side of the mower deck with a hand-tightened 3/8-in. bolt. Slips on and off in seconds. I bought it for about \$10. It's made by Universal Industrial Products Co., Pioneer, Ohio 43554-0628, ph 419 737-2324."

J.R. & Bill Colby, Newbury, Mass.: "After rebuilding an engine, we use a lawn mower gas tank to restart it. That way we don't have to reinstall the hood and other components. Makes it easy to get at the engine for initial adjustment."

"Feederhouse Caddy" Makes Combine Repairs Easier

"Our new feederhouse caddy allows you to remove the feederhouse from a combine and work on it without having to use jacks, chains, or pry bars. It's the safest and fastest feederhouse removal system on the market," says Dave Lott, Precision Balance, Minneapolis, Kan.

The caddy consists of a 4-ft. sq. steel base that rolls on four wheels. The caddy has an angle iron bracket on front that attaches to the bottom of the feederhouse. The back of the caddy has a telescoping backrest that can be raised or lowered by adjusting a pair of lift screws.

Fits Deere 4400 to 9600 models, IH and Case-IH 1420-2188 models, Massey Ferguson 750 - 860 models, and R Series Cleaners.

Sells for \$600 plus S&H.

Lamar B. Fahnestock, Lebanon, Penn.: "I put a roller on the back of my loader bucket to prevent damage to our



paved driveway when moving snow. The rollers extend down about 1/2 in. below the bucket.

"I also attached short sections of plastic pipe to my rear grader blade, also to pre-



vent damage to driveway. I just cut a short slit in the pipe sections, slipped them on over the bottom of the blade, and put a bolt through them."

Ed Gruber, Delphi, Ind.: "I made a front hitch for my IHC Cub tractor. It lets



me move equipment around the yard. I made it out of a 14-in. long piece of 2 by 2 by 1/4-in. angle iron cut to fit below the front axle and bolted to the front axle pivot block. Two bolts hold it in place."

Allen Miller, Leon, Iowa: "My Deere 530 round baler came with only one twine tie tube which takes too long to tie a bale. I modified it by welding a 6-in. piece of 2-in. dia. pipe alongside the factory twine arm so it places two lengths of twine 2 in. apart on bale. The same knife cuts it off. I also increased twine tie arm travel speed. Bales now get tied twice as fast."

Matthew Friesen, Winkler, Manitoba:



Contact: FARM SHOW Followup, Precision Balance, 1290 N. 150th Road, Minneapolis, Kan. 67467 (ph 913 392-2100).

Money-Saving Repairs & Maintenance Shortcuts

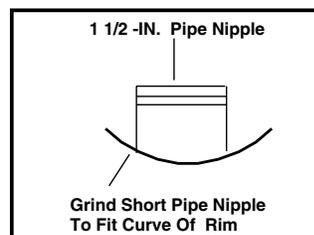
Have you come up with any unusual money saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of farm equipment and how you solved it.

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.

Mark Newhall, Editor

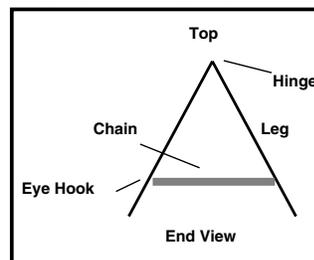
"We bought a large shop vac that has more than paid for itself for all kinds of uses. We improved performance by stretching a piece of pantyhose over the filter. We got the idea from FARM SHOW. Works great."

Kenneth Kasten, Germantown, Wis.: "I have come up with a modification for tractor tire rims that saves a lot of aggravation but it's important that you only do this with



the tire and tube removed from the wheel. What I do is weld a short 1 1/2-in. dia. pipe nipple over the valve stem hole. You have to grind down the nipple so it fits the curvature of the rim. Once in place, it protects the valve stem from tearing off when hit by an ice chunk or tree branch, or whatever. I put a well-greased pipe cap over the nipple once the tire is reinstalled. An added benefit is that it keeps the rim hole from rusting."

Larry Evans, Ty Ty, Ga.: "Here's a handy way to make height-adjustable, fold-

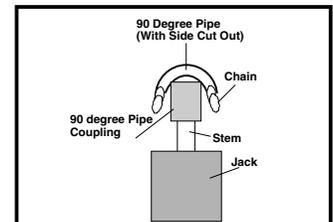


flat sawhorses. I put a hinge at the top of one set of legs. A length of chain runs between the two sets of legs at the bottom. There's an eye hook on one side that makes it easy to change the length of the chain. Shortening up the length of the chain makes

the sawhorse taller. When you're all done, they fold up flat so they don't take up a lot of room."

Richard R. Quiram, Fort Myers, Fla.: "The needles on my New Holland 570 square baler were badly grooved from plastic twine. I took them off and ground them out with a die grinder to enlarge the eyes enough so I could install stainless steel rollers in them, preventing any further grooving damage and feeding twine more smoothly. I got the rollers from a local bait and tackle store that repairs deep sea fishing poles. The rollers are used as guides on the poles. Total cost was \$12."

Frank Grant Aumsville, Ore.: "To hold a chain on a jack when needing a portable press - or to straighten out tubing - just



weld a short pipe coupler to a 90° "L". Then cut a slot in the top of the "L" for the chain to lay in. The coupler has to be big enough to fit over the stem on your hydraulic jack."

Rob McDonald, North Lancaster, Ontario: "Our Rovibec feed cart would always plug up at the auger. We replaced the auger and it didn't help at all. Dad and I were looking at it one day and noticed that the main apron chain seemed to bring material into the auger too fast. To solve the problem, we replaced the main 9-in. sprocket with an 11-in. sprocket. Now the apron and beaters move much slower so the auger has no trouble keeping up."

Keith P. Mayer, Naper, Neb.: "I own two GM pickups powered by 6.2-liter diesel engines. The engines work great and burn less fuel than comparable gas engines. The only thing I don't like about them is the glow plug starting system.

"The problem is that the glow plugs burn out - either one at a time or the whole sys-