

Bill Mansell, Inglis, Manitoba: He modified his 1999 model 8465 Case IH round baler so he can see the twine better. Although his baler monitor indicated movement of the twine arm, he couldn't actually tell if both twines were feeding onto a bale, or perhaps one was missing.

The baler has two twines running in a single enclosed twine arm. The twine comes out of the twine box through eyelets on the side of the baler. On Mansell's model, it would normally feed behind a 4-in. pipe that wraps around the front of the baler before entering the twine arm and catching on the bale to start tying.

If the twine ran out or snagged and broke, Mansell was unable to see it.

To solve the problem, he rerouted the twine through two 1/2-in. washers welded to a removable bracket, which is bolted to the twine cutter arm. The twine now runs in front of the pipe for about 10 in. before entering the twine arm.

During tying, the twine vibrates just enough that Mansell can see that everything is working properly. He says this visual, along with the monitor, makes twine wrapping much more reliable.

"The only cost was a little imagination, a small bracket, and a couple of washers," he says. "I didn't want to weld anything permanent to my baler - that's why the guide washers are welded to a removable bracket."

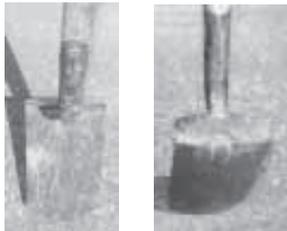
Mansell's Case-IH model and the Hesston 865 of similar years, are both built by Hesston, and the modification would work the same on either machine, he says.

Donn Hogg, Columbus, Ohio: "In your Vol. 31, No. 5 issue, a reader mentioned that Grizzly Industrial and Enco are both good sources for machine tools and accessories. I agree with him. Another good source of machine tools is KBC Tools (www.kbctools.com; 800 521-1740). They have the largest selection of drill bits that I have seen anywhere. KBC also has an excellent catalog that's about 900 pages long, and free."

Darrell E. Vion, Kingman, Alberta: "We bought a 1976 Ford 880 Louisville tandem grain truck with no 'air'. The driver's side had a Bostrom mechanical seat that was broken. There are only a few parts available, and they're very expensive. We had an old Yamaha motorcycle that still had its spring-



assisted rear shocks. I removed the old spring assembly and mounted the shocks on the seat frame. I had to widen the base but it worked well. The seat's height adjustment still works."



Bill Reeks, Cromwell, Ky.: "I modified this long-handled shovel by removing 1 1/2 in. of metal from each side and welding material on back to make a push plate for my foot. Makes the shovel easier to use as it's narrower and lighter"



"A V-belt and a large metal washer work good for handling small logs. The loop provides a handle to lift the log."



"To make a sorting tray for small bolts, nuts and screws, I cut out one side of a plastic

FARM SHOW®

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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 email us at: editor@farmshow.com.

Mark Newhall, Editor

laundry detergent bottle. The bottle's neck fits perfectly inside a clear plastic, 18-oz. peanut butter jar. The contents in the bottle can be sorted and then poured back into the jar."



Frank Miller, Beecher City, Ill.: Frank came up with a simple cart equipped with a high rise handlebar, which makes it much easier to maneuver his salamander shop heater. He welded a square box steel frame to the base of the heater. Then he added two utility wheels on back and a small caster wheel on front. The handlebar is made of lightweight pipe.

Edward Welters, 14307 LCR 2190, Verona, Mo. 65769 ph 417 498-6496: "We're a White dealer and also restore Minneapolis Moline diesel tractors. Replacing worn intake valves on these tractors can be a problem because new cylinder heads for them are getting hard to find. We solved the problem by having the valves custom made by a company in England. That way we're able to use the old heads without having to change guides or the seat and risk cracking the head. The new valve intake has a thicker head and results in better compression in the valve seat area. The custom fabrication shop requires a minimum of 250 valves. Anyone who's interested can contact us."

Gene Sandmeier, Akaska, S. Dak.: "I use a boat winch to lift deer and antelope for processing. I bolted the winch to a wall and installed an I-bolt in the rafter, then ran a rope through the I-bolt to a spreader. Works great."

Larry A. Bauman, Connell, Wash.: "I installed medal siding on the walls and ceil-

ing of our shop. It resulted in better lighting and is easier to keep clean."

Veril Dietzmann, Brenham, Texas: "I attached a chain hoist to a rafter in my shop in order to pick up big equipment such as disk harrows and lawn mowers. Makes repairs easier."

Dan Moore, Billings, Montana: "I did a lot of body work on my Deere H tractor, then had a friend spot weld new grill screens to the sides of the tractor. He did a good job. However, once the work was done I had to do more body work over the welded spots next to the grill panels. I thought there had to be a better way, so I tried something new on my next tractor. I measured and marked where the screen should go, then put body filler into the base, and before the body filler was able to harden I pressed the screen down into the filler. Then I covered the edge of the screen with another thin coat of body filler. In effect, the screen is molded into the body filler. The body filler is so strong that once it sets up, you can't pull the screen out."

Cornel Hiebert, Altona, Manitoba: "I converted an old barbeque grill into this por-



table power sanding machine. First I removed the grill from the stand and replaced it with some wooden boards. Then I mounted a belt-disc sander onto it (any other light shop tools could also be used). I also closed the ends and the back side of the frame with plywood to give the frame more strength, then built a shelf into it to store extra discs or belts. Now I can easily move my sanding machine wherever I need it. It works great."

J & D Lawn Tractor, 1254 N. 2150th Ave., Mendon, Ill. 62351 ph 217 440-8365; admin@jdlawntractor.com; www.jdlawntractor.com: This company special-

One-Handed Grease Gun Applicator

Battery-operated grease guns have become quite popular in recent years. This new add-on attachment gives you fingertip control right at the nozzle.

Posi Lock's new hand-trigger system can be used with most electric DC voltage grease guns.

The kit consists of a 5-ft. long hose with a thumb-activated microswitch at the end. Clips make it easy to wire to the grease gun. It comes with a holster to carry the grease gun on your belt.

The kit leaves you with one hand free, which can be important in dangerous, hard-to-reach or confined spaces, says the company. At the same time, you can still use the grease gun's original trigger assembly if you want.

Sells for \$56 plus S&H. Instructions and hose adapters included for Lincoln and Alemite brand grease guns.

Contact: FARM SHOW Followup, Posi Lock Puller, Inc., P. O. Box 246, 805 Sunflower Ave., Cooperstown, N. Dak. 58425 (ph 701 797-2600; fax 701 797-2706; myrtle@posilock.com; www.posilock.com).

Posi Lock's new hand-trigger kit leaves you with one hand free. It uses a 5-ft. long hose with a thumb-activated microswitch at the end.



Clips make it easy to wire to grease gun.