



5H Manufacturing gate hinge on a fence.

Hinge Makes Mounting Gates Easy

"I never liked hanging gates, and it was always hard to get them to hang right and swing right once hung," says Steven Haller, a third-generation farmer and founder of 5H Manufacturing. "With our gate mounts, you don't have to worry about doing it right. Just suspend the gate with a loader or backhoe and adjust the brackets on the gate post until it's right. Once everything is lined up, snug the brackets up and let the gate hang."

The Pro-Mount ST is designed for use with 2 3/8-in. to 3-in. steel posts. The Pro-Mount XL can be installed on any 4 to 8-in. steel or wood post. Both mounts can be adapted for use with larger posts. The only tool needed is a wrench.

The main brackets for both designs include receiver tubes for 1-in. threaded mounting bolts standard on most gates. The brackets can be adapted to 3/4-in. bolts with the addition of heavy washers.

Brackets can be mounted to the bolts for positioning on the gate post. However, Haller suggests loosely attaching them to the posts until the gate is in position.

The ST bracket consists of two main brackets and two secondary brackets that connect to the main bracket with bolts. The combination wraps around the post. Tightening the bolts secures the bracket system in place. Using longer bolts adapts the ST to posts up to 3 1/2 in. in diameter.

The XL uses roller chain attached to

threaded rod to secure the main brackets. Once the bracket and the gate are positioned, securing the mount is a matter of wrenching down nuts on the threaded rod. Adapting it to a larger size post requires adding additional links to the roller chain straps.

Haller knew he had something that would appeal to other farmers and ranchers after making and putting his prototype XL to use. A neighbor dropped by and looked it over.

"He said he just spent half a day drilling holes in steel pipe to hang a gate," recalls Haller. "He told me he could have been done in half an hour with this."

Haller is signing up new dealers to cover western Canada before expanding into the U.S., depending on dealer and customer interest.

"We can ship to the U.S.," says Haller. "We still have to work out the technicalities."

The Pro-Mount ST is priced at \$79.99, and the Pro-Mount XL is \$89.99 (CAD). Installation instructions and videos are available on the company website.

"One person can mount a gate with these systems," says Haller. "You can do it other ways, but in the amount of time it takes to locate where to drill holes, the gate has been hung with ours."

Contact: FARM SHOW Followup, 5H Manufacturing, Box 149, Trochu, Alberta, Canada T0M 2C0 (ph 866-200-2907; shaller@5Hmfg.com; www.5Hmfg.com).

Top Link Bumper Speeds Implement Hookups

Tony Chicklo made a simple metal bracket to keep the top link on his Ford 8N out of the way when he hooks up 3-pt. implements. He says his homemade top link bumper automatically keeps the link away from the pto shaft, so he doesn't have to hold it by hand.

Chicklo made the bumper using a 9-in. long piece of 1/8-in. thick by 1-in. wide strap steel. He drilled 3/8-in. holes in each end of the metal, then made two 90-degree bends 3-in. in from each end. In the center of the U-bracket, he welded a 3-in. long piece of the same metal with a 1-in. 90-degree foot at the bottom.

The bracket attaches to his tractor just below the top link with a 3/8-in. bolt. The foot rests against the tractor to keep the bracket at the proper height. Chicklo put a small piece of foam rubber pipe covering over the bracket to keep the metal edges from scratching the top link.

"The bracket isn't anything fancy, and certainly not high tech, but it does the job for



Chicklo says it's easier to hook up implements to his Ford 8N after he made this simple bumper bracket to keep the top link away from the pto.

me," Chicklo says.

He uses his 8N for grading, mowing, plowing, and light yard work on his 20-acre homestead. He says the bumper bracket has saved him a lot of pinched fingers and makes implement hookups much easier.

Contact: FARM SHOW Followup, Tony Chicklo, 741 Selms Rd., Bridger, Mont. 59014.



Trap is controlled by a touchpad mounted on the trailer or from a hand-held remote.

Hydraulic Trap Eliminates Hand Cranking

Unloading hopper bottom trailers doesn't have to be a hand-cranking proposition when the rig is fitted with an EZ Flow Hydraulic Trap. Produced by Thunderstone Manufacturing, the patented EZ Flow uses a single 12-volt hydraulic motor to open and close the trailer's slide. The trap can be feathered or fully opened in 15 seconds and closed in 11 seconds using a multi-function handheld remote from the semi-cab or the mounted keypad on the side of the trailer.

EZ Flow kits are available for Timpte, Wilson, and Cornhusker model trailers. The EZ Flow mounts to a trailer with heavy-duty reinforced brackets that handle any type of commodity from grain to high-density frac sand. Ground clearance of the Ag Hopper

model is 25 in., 20 1/2 in. for the Hi-Flow, and 17 in. for the Split Tub. Options include removable and permanent vibrators, full double knock rails, and a sight glass window. Doors can have a single-speed direct drive, a 2-speed gear drive, a gravity flow belt drive, or a hydraulic drive.

In the event of an electrical failure, the system can be converted to manual operation. Prices vary depending on trailer size and options, contact the company for a quote. A 3-year warranty is standard.

Contact: FARM SHOW Followup, Thunderstone Manufacturing, LLC, 3400 West O Street, Lincoln, Neb. 68528 (ph 402-435-4249; www.thunderstonemfg.com).



Wire-Ups hold barbed wires together so people can crawl through a wider opening without damaging clothing or gear.

Simple Device Helps People Cross Barbed Wire Fences

As hikers, hunters, and avid outdoorspeople, Todd and Melissa Haley and their friend and business partner Kurt Thaumert had many unfriendly encounters with barbed wire fences. During an Idaho elk hunting trip, Thaumert found it nearly impossible to cross a fence even without his gear. He says, "Within a few days, I welded together a simple tool to hold the top and second fence wires so I could easily crawl through. The device worked so well that we soon had friends asking for them. The rest is history."

In a matter of months, the simple invention was named Wire-Ups and the trio's company, God's Country Camo, began producing them. Eventually, they teamed with Project XYZ in Muscle Shoals, Ala., and switched from metal material to a non-conductive glass-filled nylon. The injection molded device has 200 lbs. of tensile strength, is lightweight, and doesn't rust.

Two Wire-Ups are packaged together, priced at \$10 a pair, which Todd Haley calls "the perfect impulse buy for people checking out of a store with other hunting and hiking merchandise." Wire-Ups are easy to use and store. Haley says that product sales were aided because "we were fortunate to have a marketing person tell us how to live up the package so it's more recognizable in a store."

A pair of patented Wire-Ups are packaged

together with simple instructions on how to use them. Haley says, "Just squeeze the top two strands of a barbed wire fence together, attach one Wire-Up, then do the same with the bottom two wires. The wider opening allows you to crawl through without scratching or ripping clothing or getting caught. The opening is also easier for gear to be passed through. When you're on the other side, remove the Wire-Ups, put them in your pocket, and be on your way." Wire-ups can also hold barbed wires close to a woven wire fence so it's easier to crawl over the top.

Haley says they first thought the primary market would be for hunters and hikers. They've since found that farmers, rescue workers, surveyors, utility companies, law enforcement, and the military find them useful. Those markets have led the company to offer bulk sales in case quantities of 24, 50, and 100.

"It's been great to see such a simple invention find such wide acceptance," says Haley, "and I think we're just at the tip of the iceberg." In addition to retail sales, the company sells Wire-Ups on its website and welcomes wholesale inquiries.

Contact: FARM SHOW Followup, Wire-Ups, 1500 Perimeter Pkwy. N.W. #426, Huntsville, Ala. 35806 (admin@wire-ups.com; www.wire-ups.com).