



Gary Sampson, Freedom, N.Y.: "Need a custom brush? Use a heat gun to carefully heat the handle of a plastic-handled brush, then bend it as desired."

Cletus Dreiling, Victoria, Kan.: "I took a truck axle and cut it to length for a hitch pin. I welded a loop on top and drilled a hole for a latch pin. I was able to make it longer so I could hook a clevis to a clevis. It works well."



John Rochester, Charlotte, N.C.: "It can be impossible to get WD-40 and other spray cans into tight spots. A piece of hospital nasal tubing fits tightly on spray cans. Lead the end to the place you need to lube and spray. Nasal tubing is thrown away by hospitals daily. You might be able to get it from someone who needs home oxygen."



"A twin halogen light is really good for engine work. It can also be used to light up a whole room or the garage by placing it in a corner."



"Before putting away any tape, fold over the end. This saves digging for the glued-down end with a razor blade, which is very dangerous."

Jim Maloney, Macon, Mo.: "I paint the tire pressure specs close to the tires on the frame or body of all my lawn equipment with a paint stick. I also write the oil changes and service times on someplace hidden."

David Schlosser, Edgeley, N.D.: "I use a plastic syringe to apply gasket adhesive in tight places. This allows better control over the tube it comes in, and you have the syringe tip to reach into tight places. It's also easier to apply even pressure with the syringe."

Tim Weaver, Lititz, Pa.: "When you have a rusted flat-head bolt, weld a hex nut to the top of it."

"If you have a bent and twisted piece of sheet metal, the fastest way to straighten it is to use two bars of metal in the press brake or shop press and use those to straighten it."

"We recently put up a 1-ton bridge crane in our shop, and it makes handling parts so much better."

Leete Etheridge, Columbus, Texas: "I installed a 3/8-in. angle valve at the end of my pressure washer hose, right before the wand. I open it to allow free flow, then start the engine. The pump never loads up."

Ron Betts, Bronson, Mich.: "My Deere 3020 tractor used to take three starters per year. Now I use a high-torque starter. It works very well."

James Czarnecki, Dorsey, Ill.: "I built roll-around frames for all my woodworking equipment with screw-down locks to secure them in place, but I can move them when needed."



Roger Gutschmidt, Gackle, N.D.: "I get frustrated with equipment that has a grease zerk you can't reach, so I modify it with an elbow from a parts store."

"It only takes a few minutes to remove the zerk and add the elbow, but it can save a lot of time down the road. I've found that if a zerk isn't easy to reach, the bearing doesn't get greased and eventually goes out. Fixing it takes a lot more time and costs a lot more money."

Easy Way To Send Your Ideas

How often do you see an idea when you're out and about and say, "Hey, that should be in FARM SHOW"? Next time that happens, just take out your phone and send us a photo or two. Just text them to us at **952-465-5019**. If you want to leave a voice mail explaining what you're sending, this phone is dedicated to FARM SHOW stories so it's on and available 24/7. No need to worry about disturbing anyone. Call or text day or night with your ideas, comments, or suggestions.



Mechanical Broom Makes Cleanup Easy

The Pivot-All Mechanical Push Broom makes cleaning floors faster and more efficient.

"It's built with a patent-pending 24-in. wide drum design and has a fully mechanical, dual-rotating drum, eliminating the repetitive motion of a standard push broom," says company owner Emmanuel Carlos. "A single pass leaves a cleaner floor."

Carlos initially created the broom for use in his fabrication shop.

"We clean our shop daily and found that we spend way too much time and energy on the shop floor. I made a crude prototype to try to speed up the sweeping, and it worked."

The resulting broom covers more surface area in less time and with less effort, making it ideal for heavy-duty use in garages, job sites and workshops.

"Our design has six rotating bristles that spin in reverse to propel the trash, dirt and dust forward in the same way a standard push broom does," Carlos says. "We eliminate the repetitive back-and-forth jerking motion that's needed with a standard push broom. You just steadily walk behind the broom, finishing the job in about half the time."

The Pivot-All Mechanical Push Broom is designed for contractors and industrial



Broom features a fully mechanical, dual-rotating drum that eliminates the repetitive motion of a standard push broom.

use, but it's also ideal for anyone needing a dependable, high-performance cleaning tool. Despite its rugged build, the broom weighs only 15 lbs.

Pivot-All Brooms are manufactured in the U.S. and cost \$160 plus S&H, with a current lead time of three to four weeks. The company recommends spraying the wheels with WD-40 before first use and then as needed.

Contact: FARM SHOW Followup, Pivot-All Motion Tools, 1444 Pioneer Way, Suite 17, El Cajon, Calif. 92020 (ph 619-631-6644; info@pivot-allmotiontools.com; www.pivot-allmotiontools.com).

World's Largest and Strongest Cable Tie

Caleb Perkins, president of U.S. operations for Cable Tie Link, was seeking new and innovative ways to improve cable tie installations when the folks at Cable Tie Link stumbled on an idea to make a giant zip tie as a show prop. One thing led to another, and people started finding uses for it.

"We found it held a lot of weight and was easy to use," says Perkins. "The world's largest and strongest cable tie is now available and made in the USA."

The 47-in. long by 2-in. wide reusable zip tie can replace rope or straps for tools and equipment. It features a release tab that allows it to be moved and reused. It's been tested to hold over 1,300 lbs., or up to 2,000 lbs. with an optional pin.

Prices start at \$75 plus S&H. Ties come in orange, black, military green and gray.

"You might think this is ridiculous at first, but we know you have a reason to use it," says Perkins.

The company offers a hassle-free exchange



47-in. long by 2-in. wide reusable zip tie can be used in place of rope or straps for tools and equipment.

policy. Purchase online at the company's website.

Contact: FARM SHOW Followup, Cable Tie Link, Salt Lake City, Utah (info@cabletielink.com; www.cabletielink.com).

Lights Added To Repowered Lawn Tractor

Steve Dietrich of Morton, Ill., upgraded his 1961 Jacobsen lawn tractor by repowering it with a 6.5-hp Predator engine.

"I use it mostly as a powered wheelchair around the farm. Sometimes I need it after dark and wanted to find lights that would work well and fit," says Dietrich.

He used solar porch lights from Harbor Freight and mounted them on the front and rear of the tractor.

"They work great, with no wires and free power. The lights are motion-activated and dim to half power when no motion is detected. It's still easy to see around the tractor. They make a nice 50 ft. half-circle of light that's easy to see."

Dietrich bought the lights for \$13 each and added the 2-year warranty for an additional \$3 per light.

Contact: FARM SHOW Followup, Steve Dietrich, Morton, Ill.



Solar porch lights mounted to the mower provide wireless, motion-activated lighting when needed.