

Money-Saving Repairs & Maintenance Shortcuts

I worked with briefly in 1984. It's easy to make and is a handy tool to have for checking brake lights, adjusting the brake light switch, temporarily increasing engine speed for battery charging or making other adjustments.

"The dimensions can vary, depending on what scrap materials are used and what vehicle or machinery it's used on. For this one, I used 2 ft. of 1 in. dowel and a plank that's 1-in. by 2 in. by 12 in. The hole in the plank is 1/8 in. larger than the dowel's diameter. It's a close fit so that the plank has to be only slightly out of square with the dowel to lock it in place on the dowel. A nail in each end of the dowel keeps the plank from sliding off when the tension is relieved."

Barry Swartz, Harleysville, Penn.: "Here's a tire repair tip: I clamp a vise grip pliers onto the rim to stop a tire from 'walking' around the rim when trying to remove it.

"Got a nut that's rounded off so you can't remove it? Just spot-weld a second nut on top of it, using as big a nut as possible. Then turn it right off.

"To keep crop material from getting caught in the gap between the shield and wing on my discbine, I attached a flat metal tab to the shield to fill the gap between the shield and wing. Works great and doesn't keep it from folding."



John Rochester, Charlotte, N.C.: "To make it easier to work hands-free in tight spaces, I attach a heavy chunk of metal to the magnet base of my rechargeable wireless work light. Holds it solidly in place.



"Here's a good way to lengthen a rubber cargo strap. Just attach a piece of light chain. The chain won't stretch and won't jam up with knots."

Joseph Polonowski, Grand Rapids, Mich.: "In the latest edition of FARM SHOW, I read a report from a reader about his Milwaukee cordless saw that leaks oil after use. I have a suggestion that might help: When he's finished using the saw, he should unscrew the cap on the oil tank, wait a couple of seconds, and then reinstall it. The pressure in the oil tank is often what causes the oil to squirt onto the bar and chain. With the cap off for a couple of

seconds, the pressure releases, and the saw should stop leaking – or leak less – after use."



Fritz Groszkruger, Dumont, Iowa: "The sliding doors on my pole barn used to be held in the center by a buried post with a welded piece that fit between the rails. It didn't hold up, so I came up with the idea of using a pair of buried truck tires, spaced so the doors slide between them. Works much better.



"The seal went bad on our old freezer, and we couldn't find a replacement. Instead, we installed these toolbox latches that let us close the door really tight. Problem solved."

James B. Froelich, Cumberland, Md.: "I like to wear disposable nitrile gloves when doing dirty mechanical work, but they can be hard to put on. I sprinkle a little baby powder into them to make them much easier to slip into."



Ben Parks, Austin, Texas: "With all the electronic devices around these days, I came up with an easier way to keep track of the USB cords I need. I bundle up a group of cords and color code the ends for certain types of devices. It lets me grab the whole bundle of cords without having to sort through a bunch of them to find the one I need. I also mark the top side of each USB plug so I can tell at a glance which is the top side when plugging in.



"On 2-prong electric cords, I use permanent markers to mark the wide end so I can plug them into a 120-volt outlet the first time without having to look at the prongs. I use a black marker on a light-colored cord and a white marker on a black or brown cord."



With Grade 100 oblong links and a patented braided nylon web assembly, Jerk Rope hooks up to chains, straps, and cables used for pulling and towing.

Jerk Rope Pulls And Tows Them All

The shock-absorbing rope featured in 2016 (Vol. 40, No. 1) is still just as handy for farmers pulling stuck equipment out of the field or semis out of a ditch.

It eliminates the "jerk" when pulling and it's much safer.

"Jerk Rope works like a shock absorber and has more pulling energy. If it does break, there's no explosive recoil to fly through a cab," says Jon Levendoski, one of the owners.

With Grade 100 oblong links and a patented braided nylon web assembly, Jerk Rope hooks up to chains, straps, and cables used for pulling and towing. At less than 2 ft. long, the smallest version, the Mini Jerk, sells for \$287.50 and is small enough to store in a vehicle and powerful enough to pull 20,000 lbs.

Bigger versions pull even more: Little Jerk, 54,000 lbs.; Junior Jerk, 75,000 lbs.; and Big Jerk, 100,000 lbs.

"Since 2016, farmers, county workers, and fire departments have used them for vehicles and equipment stuck in the sand, snow, or mud," Levendoski says.

"Quick extraction and the safety factor are the important advantages. The Jerk Rope is OSHA and MSHA compliant and is also used in the mining industry," Levendoski adds. He cites one example when Jerk Rope was used to pull a 6x6 articulated dump truck after a 4-in. snatch strap broke.

Videos on the website show examples of pulling out several pieces of equipment. The Jerk Rope is made in the U.S. and is available for sale on the website and through dealers listed on the website.

Contact: FARM SHOW Followup, Jerk Rope, Red Barn Manufacturing, P.O. Box 427, Coldwater, Kan. 67029 (ph 715-381-9948; jon60398@gmail.com; www.jerkrope.com).

Hydraulic Hose Crimps Where Needed

The KarryKrimp line of portable hose crimpers from Parker lets you make hydraulic hoses when you need them, where you need them. Any user can make factory-quality hose assemblies quickly, easily, and cost-effectively. Crimp the fitting to the proper diameter every time. The crimpers are easy to operate and built to provide years of dependable service. They can crimp straight or bent-stem fittings.

The KarryKrimp hydraulic hose crimping machine provides up to 30 tons of force to crimp heads on hoses from 1/4-in. up to 1 1/4-in. ID, 2-wire braid, and up to 5/8-in. ID, 4-wire braid. It weighs just 55 lbs.

The crimper operates at up to 10,000 psi. It has a length of 12 in., a width of 15 in., and a height of 30 in. It comes with two dies, a crimp head, hose assembly, and a stand. It's priced at \$5,360 at Grainger.com. The crimper tool alone is priced at \$2,600 on the Parker website.

The KarryKrimp 2 has a 60-ton force and can crimp 1 1/4-in. ID, 2-wire braid, 1-in. ID, 6-wire spiral, and up to 1 1/4-in. ID, 4-wire spiral hoses.

The portable crimper does not include a power source. It can be used with any of the six pumps from Parker. They include small and large hand pumps, small and large electric pumps, an air/hydraulic pump, and a vehicle battery-powered pump. All deliver up to 10,000 psi. Prices are available from distributors.

The Parkrimp family of crimping machines



Portable crimper weighs just 55 lbs. and can be set up where repairs are needed.

offers a broad array of crimping equipment from small to large and portable to bench or floor mount. Visit the Parker website for a list of local distributors. Some products are for sale directly from Parker.

Contact: FARM SHOW Followup, Parker (ph toll-free 800-272-7537; cparker@support.parker.com; https://ph.parker.com).