

of the bed. I threaded a light chain through anchors, pulled it tight, and tied it off with a quick link, which gave me decent tie-down points everywhere. It worked pretty well."



Jim Lacey, Dell Rapids, S.D.: "I checked the alignment on one of our trucks, and all the joints were tight. After jacking up the wheels, I cut a slot in a piece of Masonite, tacked it to a 2 by 6 cut at an angle, spun the wheel, and sprayed aluminum paint. Presto—instant true line to check for correct alignment."

Glen Ray Goodson, Galax, Va.: "I've read in FARM SHOW about people having problems with the teeth breaking on their Troy-Bilt walk-behind sickle bar mowers. I have a 1991 model and replaced the bar that holds the cutting teeth with one I took off of a New Holland sickle bar mower built in the 1970s. I haven't had any broken teeth since. It also cuts better and uses less gas. I need to replace the teeth and the bar guards so it'll cut as well as my 1969 Jari Chief walk-behind sickle bar mower."



C.J. Shortridge, Dagsboro, Del.: "To protect fingers when using a 7-in. wafer wheel on a 4-in. grinder, I took the 4-in. guard and enlarged it to fit the 7-in. cutoff wheel. Much safer."

Steve Hood, Claremont, N.H.: "My gas-powered wood splitter leaked at the gasket that joins the carburetor to the engine. I rubbed hydraulic oil on the leak. It's four years later, and I haven't had any more issues with it."



Larry Goodman, Ionia, Mich.: "I purchased a piece of equipment that required a 12-volt battery for power. It had two clamps for positive and negative, plus two small alligator clips. I used battery post clamps for large cables. I cut down 3/8-in. bolts, which extend 2 in. past the battery terminals, and I drilled a 7/32-in. hole near the end to clamp the alligator clips. Works great."

Gary Lobb, Makinen, Minn.: "When plastic grease fittings on PTO shafts are broken, use a needle point (designed for greasing sprockets on chainsaw bars) instead of the standard grease couplers. The needle point also works on broken or damaged grease fittings. You can get into tighter places than regular grease couplers."



Fritz Groszkruger, Dumont, Iowa: "I made a swinging air, electric and light reel for the center of the shop between two overhead doors. It originally had bearings on the main pivot that I had to cut off. It rotated too easily. I used a bushing instead and now it works fine."



J.L. Blue, Pinebluff, N.C.: "When you buy a can of boiled linseed oil, pour it into another empty can, leaving a small amount in the original can. Flip it on its side and use an old toothbrush to dip out oil for use on various woodworking jobs and hard-to-reach places."



Rick Nudd, Walworth, N.Y.: "When I disassemble and reassemble small things like carburetors, I do it in a cardboard box. This way, if a spring jumps or parts fall out, they are easy to find and retrieve. The box is clean, and with the bottom closed, it doesn't offer many places for small parts to hide. Sometimes, I line the bottom and sides with paper that covers the box's bottom crevices. "I like boxes with closed bottoms and front cutouts from discount grocery stores in our area. They encourage us to take groceries home in their empty boxes instead of paper bags, which are taxed in New York. These are great for reaching into instead of down into the box. They make an ideal 'surgery center' for complicated components with small parts and a clean work area, which can be thrown away after use."

John Cowell, Granath Mesa, Colo.: "For many years, I've used 1/2-in. two-hole conduit clamps (pipe clamps) to fasten wire to wood fence posts, using dichromate-coated 'gold' screws. This practice makes fence repair much easier. I use this system for smooth and barbed wire. The zinc-coated or stainless clamps cost less than 10¢ each when bought in quantities of 100."

Handy Air Tool Storage

If you're looking for a quick and easy way to store air tools in your shop, Air Wrangler modular locking pneumatic holders may do the trick. The 1/4-in. quick-connect plug patent-pending design locks tools in automatically.

You can organize your workspace, protect your tools from damage and leave your bits, blades, cutting disks and other accessories installed without damage.

The connectors accept all five types of 1/4-in. quick-connect plugs, including Milton (M and I/M), High Flow (V), Lincoln (L), Tru-Flate (T), and ARO (A). They also work with many other types commonly used across Europe. This simplified design means they'll work with anything in your shop with a 1/4-in. plug.

They can be bolted to metal or screwed into wood. They feature a threaded bolt hole (M6) in the back and have a pass-through, allowing screws to mount the holders into wood with the included hardware.

Air Wranglers are solid steel, have been tested to 100 lbs., and come with a two-year warranty. When hanging, they keep dirt out and oil in.

They can be installed virtually anywhere in any orientation, such as toolboxes, shop carts or custom racks.

"I love that it doesn't take two hands to use. It was worth the extra cost. Five stars," says Ian W. in his online review. Some users



Tool holders quick connect to hold air tools in place and keep connections clean.

commented that while the price was high, the design and strength made them worth the cost over time.

They're priced at \$50 for five air tool holders and are available at the Tool Wrangler website and other retailers. Shipping is additional.

Contact: FARM SHOW Followup, Tool Wrangler LLC USA, 4058 Hwy. 93 S., Unit B, Kalispell, Mont. 59901 or Tool Wrangler Ltd. Canada, 4220 23 St. NE, Bay 6, Calgary, Alberta, Canada T2E 6X7 (sales@toolwrangler.com; www.toolwrangler.com).

'War Wagon' Trailer Improved



Gary Swensen, Yankton, S.D.: "I shared in modifying a one-ton pickup box and rear frame into a field trailer. I'd mounted an 80-gal. propane tank to the tongue to serve as a high-capacity air supply. Recently, I made the trailer we call 'The War Wagon' even better.

"I slid a 10-ft. stock rack into the trailer bed. It gives me an extra 2 ft. of storage space, as I can leave the tailgate down. It has a sliding door that I can lock to secure tools and supplies.

"The used, factory-built livestock rack only cost me \$150, but it's already been a real plus."

Swensen added a 10-ft. stock rack to his 'War Wagon' trailer for extra storage space.

Shop Sink Made From A 5-Gal. Bucket

Elijah Apple of Hillsborough, N.C., transformed an old 5-gal. bucket into a shop sink. "My mom and sister didn't like me using the bathroom sink because I'd get it dirty," he says. "This alternative was really easy to make. All I had to do was cut part of the front out, cut a hole for the hose in the back, cut a drain hole, and that was it."

Apple used repurposed materials, so the project was free. He estimates that it took him under 15 min. to build. "The sink works great for what it is," says Apple. "I wouldn't change anything about it."

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