



is a piece of plate steel. A handle on one side of the table makes it easy to move around.

James D. Vaughn, Lyles, Tenn.: "To unstop grease fittings on your equipment, take out the fitting and squirt carburetor cleaner in it and let it set a minute. Then wipe it out and reinstall it. Really works good."

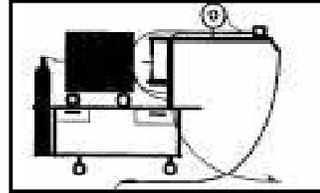
"Here's an easy way to make a tire harrow for leveling out manure on pastures in the spring. I also use it to cover broadcast seed. I use six 20-in. truck tires hooked together with cable and eye bolts. I put one tire in front, two in the second row, and three in back. I cut holes in the tires and run cable through and fasten them with cable clamps. I attach a small chain to the tire in front and pull with the drawbar."

Frank Severson, Shepherd, Mont.: "Plastic throw-away champagne glasses

make excellent disposable funnels for all sorts of jobs in the shop. Just cut off the stem."

Andy Szurek, Minneapolis, Minn.: "I had an old tire and wheel that wouldn't come apart. I sprayed it with WD-40 and they came apart in 10 minutes."

Adam Kool, Moravia, Iowa: "I made a boom for my Miller 250 welder that makes it a lot easier to use around the shop. The welder mounts on a rolling table with drawers to hold tools. I mounted the wire spool from the welder on the 6-ft. boom, which swivels 360° and is made out of 2-in. sq. tubing. It'll raise up over a 12 ft. high wagon or go down to 3 ft. high off the ground. I



removed the wire feed mechanism from the side of the welder and mounted it on the end of the boom. The gas valve is also on the end of the boom."

Chris Brighoff, New Windsor, Md.: "To remove a stuck oil filter, I use a piece of sandpaper. Just put the grit side against the filter and turn."



AT & T Service Truck Box Makes Great Field Service Trailer

An old AT & T service truck box makes a handy field service trailer for Nebraska farmer Charles Myers. He mounted the box onto a 3/4-ton pickup chassis and welded a homemade tongue on front.

"It allows me to make most repairs right in the field and cost less than \$2,000 to build," says Myers.

Myers bolted the fiberglass box to the pickup frame. The box has compartments for a variety of power tools, a 110-volt air compressor, an oxyacetylene welding torch, containers of oil and grease, drawers filled with bolts, nuts, fasteners, screws, and other parts. A gas engine-driven generator mounts on top of the box. It powers 110-volt electrical outlets at both ends of the trailer as well as a 220-volt outlet on the generator. A homemade 100-gal. diesel fuel tank that's centered over the axle - positioned between fuel compartments - lets him refuel tractors and combines right in the field. A homemade steel bumper on back doubles as an air tank, allowing him to use the air compressor to clean air filters and fill tires.

"At night I mount a pair of Halogen lights on top of the box to work on equip-

ment," says Myers. "I mounted a small vise on the tongue.

"I paid \$200 for the pickup frame, \$400 for a used generator, and \$150 for the fuel pump. I already had the fuel tank. I like my trailer-mounted unit better than truck-mounted ones because I farm 1,300 acres by myself and don't want to be tied to a single vehicle. I can unhook the trailer in the field and use it while my wife goes to town for parts in the pickup. The fuel pump is wired into my pickup's electric circuit, but I have a second hookup for it so that I can use a spare battery in one of the compartments to power it. Another advantage is that I can lock the trailer inside a shed and go somewhere without worrying that it'll get broken into. Also, I avoid having to pay taxes and insurance on another vehicle."

Myers used thick wall 4 by 6-in. steel tubing to make the bumper-air tank and welded a quick tach fill valve, shut-off valve, and pressure gauge onto it.

Contact: FARM SHOW Followup, Charles L. Myers, RR 2, Box 153, Lyons, Neb. 68038 (ph 402 687-4166).

Battery-Powered Grease Gun

You'll like this new battery-powered grease gun that lets you lubricate any grease zerk by simply pressing a switch.

Distributor Roy Mai modified a German-made grease gun to make the unit, mounting an adapter housing that contains a rechargeable battery on one end of the tube. The battery powers an electric motor which direct-drives a pump that's connected to the grease gun's plunger.

"It takes all the work out of greasing a machine," says Mai. "It works better than an air grease gun because it's totally portable and doesn't need a compressor. The one-handed operation also makes it easy to use with a flex hose because you don't have to do any pumping. It exerts up to 2,500 lbs. of pressure so it'll put grease into the most stubborn zerk. Most conventional grease guns can exert no more than 1,800 lbs. of pressure. The battery will last for about two grease cartridges.

"It's a high pressure, low volume grease gun so it doesn't put out as much grease with every squirt as conventional high volume, low pressure grease guns put out. As a result it takes a little longer to do the job. However, it gives you more control and therefore reduces the possibility



of over greasing."

Sells for \$74.95 with standard nozzle. An 18-in. long nozzle and a flex nozzle are also available.

Contact: FARM SHOW Followup, R & R Distributing, Rt. 1, Box 35, Tribune, Kan. 67879 (ph 800 292-7692 or 316 376-4039).

Francis Deters, Seneca, Kan.: "I fill up temperature gauges on older model tractors with light oil to keep them from seizing up. Just drill a hole in the top, pour the oil in, and then put in a small sheet metal screw. You can only do this on mechanical gauges, not electrical ones.

"I think the tie rod ball ends on 06 and 56 Series IH tractors were designed so they would wear out two or three times during the life of the tractor. I throw the ball ends away and make my own using a grade 5 bolt and 3 in. of triple strength pipe and 1/2-in. plate steel. Works great and lasts."

Robert D. Newton, Dexter City, Ohio: I made an overhead crane for my shop using a hay carrier originally designed to handle used hay. I hung a 1-ton chain hoist in place of the old hay fork. I use it to load heavy equipment onto trucks.

"I made a 24 by 40-ft. 3-stall garage out of salvaged electric poles and a salvaged wood silo. All I built were rafter trusses and steel siding. Old wood stave silos often have a lot of good lumber in them for framing. Many are cypress or redwood."

Rick Robinson, Fairfield, Iowa: "I wired up a 12-volt magnetic light with a 6-pin trailer plug for use with my pickup. Gives me a handy auxiliary light for night

repair work, hooking up trailers, or for seeing behind when plowing snow with a pickup blade."

John E. Schwartz, Jr., Rowena, Texas: "When fuel or hydraulic lines rupture on one of my tractors, I use common copper tubing and compression fittings to make the repair. Saves a lot of time when you are in a hurry."

William L. Swan, Tampico, Ill.: "I put remote lube lines on the rear steering cylinders on my Steiger tractor and also on the steerable front axle. Now I don't have to crawl under the tractor to grease them."

Loren Konda, New Effington, S. Dak.: "The old gas LUC Deere combine engine on our home-built log splitter has a cracked block. We don't use it enough to justify buying a new one so I put diesel fuel in the cooling system and installed a set of 2-cycle engine spark plugs. They fit snugly enough to burn the diesel fuel that leaks into the cylinders."

"When joining a couple wires where it's too hard to get tape around them, I just solder the wires together and coat them with silicon or liquid plastic. Works great."

"I put an upstairs loft in our shop that's

(Continued on next page)

High-Horsepower, Low-Cost Cordless Drill

If you've ever shopped around for high-horsepower cordless drills, you know many of the most powerful can run upwards of \$200.

Now, thanks to direct marketing, you can get a 14.4-volt 3/8-in. cordless drill for less than half that.

Pro's Edge cordless drill comes complete with a high-voltage, long-running battery that lasts up to two weeks between charges, a charger power pack that recharges the drill in about three hours, a Jacobs keyless chuck, heavy duty high-torque gearbox and variable speed to 600 rpm's for fast, precision drilling.

Comes with molded carrying case and 23-piece accessory set.

Sells for \$69.95 plus \$7.95 S&H.



Contact: FARM SHOW Followup, Pro's Edge, 301 Newbury Street, Dept. 131, Danvers, Ma. 01923 (ph 800 658-5959 or 888 257-6565 or 508 352-9900).