



Steven Troyer, Millersburg, Ohio: "My home-built torch cart rides on 14-in. semi pneumatic wheels and is designed to carry an acetylene tank, hoses, and a cutting torch. But what's unique is the built-in torch accessory box I added on back. It provides an organized way to store different sizes of welding and cutting tips while keeping dirt out. The tips hang from small slots in a horizontal strip and stay put even when I tilt the cart back and wheel it around. The box's lid hinges at the bottom and is held open by a pair of light chains."

"This homemade tool is designed to hold



large center punches up to 1-in. in diameter. It keeps the operator's fingers safely out of the way when pounding on the punch. A solid metal rod runs through the tool's hollow body up to an opening that's used to hold the punch. Rotating the knurled handle causes the rod to push against the punch and grip it tightly. Punch and chisel holders like this are also commercially available. They save on busted or scraped knuckles. McMaster-Carr sells one for about \$33 (ph 630 600-3600; www.mcmaster.com).



"I made this straightening tool out of a 1 1/2 by 3 by 4-in. chunk of steel with a 3/8 by 2-in. wide slot in it. I use the tool like a heavy pipe wrench to straighten or bend steel bars. To make the tool I milled the slot in, and then welded on a 1 1/4 by 36-in. steel pipe handle."

Roy Huntington, Joplin, Mo.: "The mower deck on my old Ford bush hog mower kept flexing due to weak bracing. Finally, one day I had enough and went to my shop, where I welded a bunch of rebar and built up a strong lattice-work of bracing. Now the mower is as solid as a rock and cuts smooth and clean."

Michael Jordan, Haskell, Texas (ph 940 256-0048; jord655@aol.com): "I was an alternator-starter rebuilders for years and recently started selling a new, less expensive alternator to replace the Nippondenson-style alternators found on Deere tractors and other equipment."

"It's a heavy-duty alternator with two



internal fans for superior cooling and heavy-duty roller bearings and long life brushes compatible with all the highly computerized systems found on most equipment today. It has 150 amps compared to 90 amps on Nippondenson-style alternators, which comes in handy for high amp demand like extra lights and electronics.

"The alternator can be retrofitted to many different Deere tractor models, including the 30, 40 and 50 series as well as the 8300 series, and it can also be used on other equipment brands such as Case, IH, Allis Chalmers, Gleaner and all GM cars and trucks made from 1974 to 1984. In fact, it can be used in any vehicle that already has a 10SI Delco alternator. It's also a direct replacement alternator for many heavy-duty trucks on the open road."

"Rebuilt Nippondenso alternators sold at Deere tractor supply houses sell for about \$325. I sell mine on eBay for \$162 plus \$38 S&H. I offer a wide variety of different sized pulleys and configurations for the unit."

Wess Cornelius, Winlock, Wash.: "I've heard of people squirting WD-40 into small engine carburetors to get the engine started in a hurry. But, WD-40 shouldn't be used as a starting fluid because it contains silicone, which will coat the cylinder walls and rings. That will cause the engine to lose compression."

"For equipment that you frequently run in snow, rain, or mud, use marine grease. Marine grease does a great job of repelling water and creates a barrier for mud. You can put an axle and wheel bearings under water for a reasonable length of time and the marine grease will prevent corrosion and keep the mud from getting into the fittings. Marine grease is inexpensive and can be purchased at any auto parts store."

"If the tail lights and side marker lights on your vehicles aren't bright enough and are set inside black-colored sockets, use an aerosol can of white spray paint to paint the sockets white. Use cotton or masking tape to keep paint out of the socket. I use this idea on all my vehicles. If you want even more light, replace the original bulbs with halogen bulbs."

"If you need an air filter in an emergency but one isn't handy, you can use a new oil filter. Simply peel off the filter's metal cover and use a stainless steel clamp to secure the filter in place over the carburetor. I recently used this idea on my air compressor. The oil filter's paper element will let air through just like it lets oil through."

Randy Hinzmann, Zumbrota, Minn.: "I always keep a couple pieces of galvanized round ductwork on hand to patch car mufflers and tailpipes that develop holes. Just cut to length, wrap the offending area, and use 2 or 3 hose clamps to get it tight. Clamps are stainless steel and the ductwork is galvanized so neither will rust out."

J. Don Stewart, Hartsville, Mo.: "Glow plugs on Ford pickup 7.3 diesels swell up so you can't remove them. Find a metric nut that fits the glow plug's threads. Cut nut in half with hack saw and clamp onto glow plug with vice grips. Slowly turn it out. Works every time."



Creeper has a 4-ft. long movable bed that rolls on wheels inside an 8-ft. long metal frame. You just slide yourself under the vehicle.

"Go Anywhere" Mechanic's Creeper

Ordinary mechanic's creepers can't be used on rough ground or grass. But this new creeper has no wheels so you can use it on any surface with no problem.

The "Super Creeper" is designed with a 4-ft. long movable bed that rolls on wheels inside an 8-ft. long metal frame. Both ends of the frame are rounded and slide easily over rough ground as you shove the frame under the vehicle. The frame folds in half for easy carrying and storage. The entire unit weighs about 38 lbs.

"It's easy to use. Once the track is in position on the ground, you just push off with your feet to slide yourself under the vehicle," says inventor Owen Vaaler, Spring Grove, Minn. "You can use this creeper just about anywhere, including under combines or trucks in the field. The creeper bed is made from laminate fiberglass over plywood and is very comfortable. When you're done using the unit, you just fold it up, grab a handle, and carry it like a suitcase."

"I came up with the idea because I'm 81 years old. One time I crawled under a semi truck on a crushed rock road, and by the time I crawled out from under the truck I



Unit folds up and has a handle, so you can carry it like a suitcase.

could hardly walk."

Sells for \$150 plus S&H. Vaaler says he'll custom-build the creeper to other lengths if a customer desires.

Contact: FARM SHOW Followup, Owen Vaaler, Vaaler Co., P.O. Box 81, Spring Grove, Minn. 55974 (ph 507 498-5577).

"We sell many parts for half or less of what Deere asks," says Nelson Horning, who specializes in high-wear Deere small square baler parts.



Save Up To 70 Percent On Deere Baler Parts

Nelson Horning specializes in high-wear Deere small square baler parts for 30 to 70 percent off dealer list price. He offers salvaged parts as well as a growing number of parts he fabricates himself or has made by suppliers.

"We are concentrating on fabricating major wear parts and those where we can save our customers the most money," says Horning. "We sell many parts for half or less of what Deere asks. Our bale ejector screen, for example, is a third the price of one from a dealer."

Horning carries other newly fabricated ejector parts, as well as plunger or pitman pins, restrictor plates for bale chambers and a growing number of bearings. He also makes or modifies a number of parts for the pickup unit.

"We make bands and bend pickup teeth for a better pickup, as well as making the bracket for the pickup gauge wheel," he says.

He's been selling all over the U.S. and is also adding some New Holland baler parts and intends to expand into multiple brands of discbines.

Horning dismantles salvageable balers and discbines and inspects and shelves useable parts. He plans to add testing equipment for hydraulic pumps. Currently he cleans and visually checks them, rebuilding if need be.

Not all Horning's parts are for sale. He is giving away the safety warning label that goes on bale ejector screens. While it's a small item, he believes it's an important decal to have in place as a safety reminder.

"Anybody who wants one can contact me, and I'll mail it free of charge," says Horning, who promises to include his parts list in the envelope.

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