

## Hard-To-Find Ford Tractor Parts

Red Rock Manufacturing is the place to go for Ford N-Series tractor parts developed by aftermarket companies. Phil Smith started with one product, the Dowden Foot Feed, in 2002 and keeps adding new parts every year. Today there are more than 35 different parts. Recently Red Rock added engine mount adapters for Ford Flathead V-8 and GM V-6 conversions.

"This started as a part time business," says Smith. "I still work as a mechanical engineer, but Red Rock is getting busier all the time. The phone still hasn't stopped ringing after FARM SHOW ran a reader's 'best buy' letter about my Automatic Fuel Shut-Off Valve."

Smith doesn't stock used parts; he reproduces them. Some parts are unique to Ford, while others are universal to most makes of older tractors. Smith says the nature of Ford N's and their popularity gave birth to lots of aftermarket products.

"These old Fords were pretty basic when they were introduced in the 1940's and early 1950's," he explains. "Other smaller companies started making accessories for them. Now many are hard to find and often expensive, so I began to reproduce some of them."

The biggest seller remains the gas gauge, but the product list includes any number of interesting and useful additions, like the Sherman transmission rebuild kit. It slips between the engine and the stock transmission to give N-Series tractors 12 speeds forward.

"They were easy to add," explains Smith. "You just split the tractor and removed a short shaft and slipped in the Sherman. There were a lot of them made. I have a complete rebuild kit with bearings and seals. I also make a replacement for a cast iron shift lever for the Sherman. It was easy to break."

Some other Red Rock products include FarMech and Arnco parking brake



Red Rock Mfg. offers a wide variety of aftermarket parts for Ford N-Series tractors. Recently the company added engine mount adapters for Ford Flathead V-8 and GM V-6 conversions.

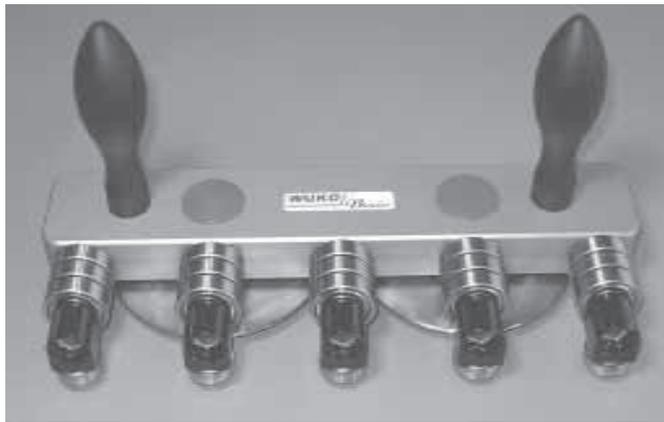


levers, Calhoun Kwik-Hitch drawbars, Greene Engineering Drawbar Locks, Steelcraft Umbrella Holders, Sherman Transmission Cable-to-Lever Kits, and V-drawbars. Often the reproduction parts are designed to outlast the originals. The V-drawbars, for instance, are laser cut from a single piece of steel for added strength.

If Sherman doesn't have what you're looking for, he just might add it to his product list.

"We're always looking for other off brand tractor accessories to replicate," he says. "Anyone with an idea should let me know."

Contact: FARM SHOW Followup, Red Rock Manufacturing, 1117 Park Lane, Pella, Iowa 50219 (ph 641 780-1748; rrm@iowatelecom.net; www.redrockmfg.com).



Anyone who works with sheet metal will appreciate the Disc-O-Bender, which can be used to make everything from 90 degree legs to 180 degree hems.

## Hand Units "Bend And Hem" Sheet Metal

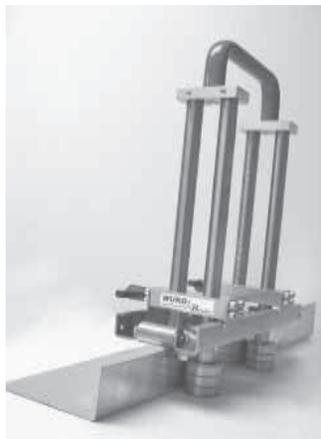
The Duo Bender and Disc-O-Bender are great tools for anyone who works with sheet metal. The Duo Bender bends sheet metal edges into 90 degree legs. The Disc-O-Bender takes edges the rest of the way from 90 degree legs to 180 degree hems. The Mini Disc-O-Bender can even hem curved edges.

"Metal roofing contractors and sheet metal contractors have to use a bender or other hemming device," says A.G. Zalal, North American Bocker. "The Duo Bender, Disc-O-Bender and Mini-Disc-O-Bender will bend and hem any length quickly and easily."

The Duo Bender can be set for legs with a length of up to 14 in. and up to 24 gauge in most materials. Engraved scales on the metal legs make it easy to set and adjust lengths to be folded. Simple one-handed back and forth movements quickly bend the metal into a 90 degree leg.

The working edge of the Disc-O-Bender slips over legs from 3/8-in. to 1 1/4 in. long. Again, it's simple back and forth movements that bend the leg down to a maximum 180 degree hem. It works on thicknesses of up to 0.031 in. (22 gauge in stainless steel) for common materials. The company promises no damage to painted or coated material.

The Duo-Bender and the Disc-O-Bender are each priced at \$950. The Mini Disc-O-



The Duo Bender bends sheet metal edges into 90 degree legs.

Bender is priced at \$498.

Contact: FARM SHOW Followup, North American Bocker, 302 West Lane St., Raleigh, N.C. 27603 (ph 919 832-8481 or 888 262-5371; fax 919 832-8493; info@nabocker.com; www.nabocker.com).

## Windshield Adhesive Great For Many Uses

Roger Gutschmidt turned a 3M product called Urethane Windshield Adhesive into a multi-use product.

"It's made primarily for adhesively bonding windshields into frames on cars, tractors and combines, but I use it for a lot of other mending jobs as well," he says. "It sticks well to rubber, concrete, plastic, wood, leather, steel, aluminum, and glass, of course. Just the other day I repaired my work boots with it. The soles were coming loose from the rest of the boot."

Another thing it works great for, according to Gutschmidt, is tires. If he has a break or cut on the sidewall or bottom, he uses the adhesive to close the gap.

"If you have a scar on a tire surface, you can also mend it with this product so it's undetectable," he points out. "It dries to the consistency of rubber. Or if you have a pair of overshoes, chest waders, etc., just smear it on the rip or puncture, and it will be there to stay. The



Windshield Adhesive from 3M comes in a variety of packages.

boots won't leak. It's a wonderful product and I've used it for years."

Urethane Windshield Adhesive comes in a caulking tube and costs about \$10. It's available online from any auto supply store such as NAPA.

Contact: FARM SHOW Followup, Gutschmidt Manufacturing LLC, Roger Gutschmidt, 6651 Hwy. 56, Gackle, N. Dak. 58442 (ph 701 698-2310; shopdoc@drtel.net).



Simple latch allows Todd Quatier to use his left foot to trigger a lock on the brakes as he steps on them with his right foot.

## Quick Latch For Farmall M Brakes

Todd Quatier got tired of reaching down to lock the brakes on his Farmall M. He came up with a simple latch that allows him to use his left foot to trigger a lock on the brakes as he steps on them with his right foot.

"I made a couple for my own tractors, and when friends saw them, they wanted them, too," he says. "Then I sold a few on eBay and started making five to ten at a time. Pretty soon I was making 20 to 30 at a time during evenings and weekends."

While Quatier hasn't given up his day job, he is continuing to sell the parking brake latch for Farmall M and Super M's. He's also working on a similar latch for the Farmall H.

Installation of the latches, which he sells for \$19.95 (plus \$5.95 shipping and handling) is easy. The unit is designed to use existing bolt holes in the transmission cover. Quatier says it takes less than five minutes start to finish.

"Just remove the two bolts and mount the latch," he says. "I use slightly longer bolts, but that may not be necessary. I've never yet had anyone have a problem with installation or operation."

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