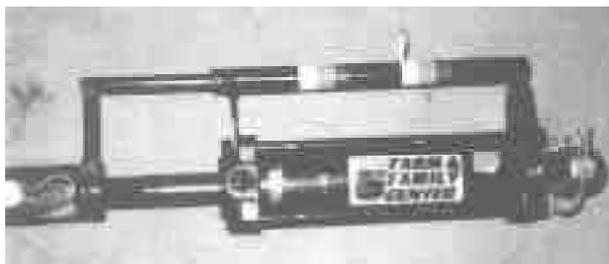


## Made It Myself

(Continued from previous page)



### Easy-To-Use Cylinder Depth Gauge

"It's more versatile and easier to use than any commercial depth control stops for hydraulic cylinders," says David McGlone about an add-on telescoping gauge he built for the cylinder he uses to control depth of his disk, field cultivator, and planter.

McGlone's invention is among entries in the American Farm Bureau Federation's Farmer Idea Exchange contest.

The gauge mounts on top of a standard 3 by 8-in. hydraulic cylinder. It consists of a length of 3/4-in. dia. pipe for a barrel and 1/2-in. dia. pipe that slides inside it. An 8-in. long, 3/8-in. wide slot cut in the side of the larger pipe accommodates a pin depth indicator with a large washer on the

end. It slides back and forth as the cylinder retracts and extends.

The barrel is marked off in 1-in. increments, representing depths from 1 to 8 in., with colored electrical tape. It lets the operator know at a glance exactly how deep the disk, field cultivator, planter, Bush Hog, etc., is running.

It's simple to use. You can turn around at the end of the field and reset the implement to exactly the same depth you were operating at before," McGlone says.

Out-of-pocket expense was about \$15.

Contact: FARM SHOW Followup, David McGlone, Rt. 3, Box 902, Grayson, Ky. 41143 (ph 606 474-4226).

## Oil-Fired Double-Barrelled Wood Stove

"I wanted something bigger, stronger and more efficient than an ordinary 50-gal. barrel stove," says Charlie Gonya, Fremont, Ohio, who built a double-barrelled wood stove out of 3/16-in. steel and equipped it with some unique features.

Gonya already had a couple big pieces of 3/16-in. steel plate so he had them rolled into a pair of 32-dia. tubes to make barrels that mount on top of each other. Then he welded two flat pieces measuring 45 by 48 in. to either end of the bottom barrel. They act as a heavy-duty stand.

He also bought a barrel stove kit with legs and door. The legs go under the top barrel to separate the two barrels. He also made a 6-in. sq. box out of the 3/16-in. steel that mounts between the two barrels and acts as the heat exchanger.

Gonya cut fifteen 2 1/2-in. dia. holes in either end of the top barrel and then inserted 15 pieces of steel pipe which stick out of either end. Then he put a big squirrel cage fan on the back side of the top barrel to blow air through the heated-up pipes and out into the shop.

Wood is burned only in the bottom barrel. Heat and smoke work their way up into the top and then out through an 8-in. dia. flue. He put cleanout doors in both barrels.

Once he had the stove up and operating, he decided to use it to burn up his waste oil. He mounted an oil barrel on a stand above



the stove and ran a drip line down to the bottom barrel. Oil drips slowly into the firebox. "Makes it easier to get the fire started, and keeps it burning good and hot," says Gonya.

The stove puts out enough heat to keep his 50 by 135-ft. insulated shop warm with no other heat needed.

Contact: FARM SHOW Followup, Charlie Gonya, 3379 Co. Rd. 174, Fremont, Ohio 43420 (ph 419 334-3550).

## "Water Bumper" Supplies Clean Water In Field

You'll always have clean water at your fingertips in the field with this new "water bumper" for pickups.

Invented by Tillar, Ark., farmer Jeff Felts, the idea was entered in the American Farm Bureau Federation's Farmer Idea Exchange contest.

It consists simply of a bumper made of 5-in. sq. tubing with ends welded shut and a spring hitch welded underneath. The bumper extends 1 in. out from each side of Felts' pickup and bolts onto mounting brackets welded to the frame of the truck.

The bumper is fitted with a 3/4-in. household water faucet on the bottom and

a pressure release valve screwed into the inner side. On the opposite side of the release valve is a T coupling that Felts uses to pressurize the bumper with about 20 lbs. of air from his compressor when the bumper is nearly full.

The bumper, which Felts fills with a garden hose, holds about 12 gal. of water, enough to clean hands after working with chemicals or before lunch.

Out-of-pocket expense was about \$285.

Contact: FARM SHOW Followup, Jeff Felts, P.O. Box 186, Tillar Equipment, Tillar, Ark. 71670 (ph 501 392-7714).



## Snow Deflector System Helps Get Pickup Through Drifts

Here's a new type of attachment for the front of your pickup that'll improve its handling in deep snow, on or off the road.

Drift Deflectors are 15-in. long V-shaped blades with 3-in. heavy rubber buffer pads on bottom. They mount on pickup bumpers and are positioned to push snow away from front tires. A pair of heavy springs mounted behind the blades provides forward support when they're plowing snow and enough rear movement to allow objects to pass underneath. The assembly can be set out of the way when it isn't being used.

Installation takes about an hour and requires removing the pickup's air foil, says inventor David L. Miller, Watertown, S. Dak.

"They really work slick," Miller says. "When you're traveling in 1-ft. deep snow, they make it seem like you're only going through 3 in."



Miller's prototypes fit any 1988 through 1997 GMC and Chevy 1/2, 3/4 or 1-ton pickups as well as Tahoes, Yukons, full-size Blazers and Suburbans built from 1992 on. (He's designing the system for other makes and models of trucks and cars as well).

Miller, who plans to begin manufacturing the systems this winter, says they'll sell for between \$450 and \$550.

Contact: FARM SHOW Followup, David L. Miller, 17286 460th Ave., Watertown, S. Dak. 57201 (ph 605 882-4357).

