



diesel engines even for the smallest cars and they're reasonably priced. In fact, in Europe they call this Perkins diesel the 'poor man's diesel'. The engine came out of a Dodge 1-ton delivery van and was in good shape when I bought it. I think it'll run forever.

The pickup's original 6-cylinder flathead gas engine had 25 hp and got about 14 mpg. The Perkins diesel engine has 45 hp and gets 40 mpg which I think is fantastic. It has worked so well for me that I bought several more of these engines in England and have sold them to neighboring farmers who have repowered their own pickups. One disadvantage is that it costs about as much to transport an engine back here as it does to buy it.

The pickup originally had a high speed 4:11 to 1 rear end which limited top speed to 35 mph. I replaced it with a 3.73 to 1 rear end out of an old Plymouth car. Top speed is now 55 mph. I also installed an extra leaf in the springs up front to handle the extra weight of the engine. The pickup has about 200,000 miles on it and is still going strong. (Fred Binns, Rt. 1, Box 252, Clinton, Ark. 72031 ph 501 745-4283)

I started raising baby dairy calves 15 years ago. At first I bought my calves at an auction, then I began buying them from dairies. However, like everyone else, I had problems keeping calves healthy so I started searching for answers. I consulted veterinarians, nutritionists, and researchers and gathered all the best information I could find into a state-of-the-art book. "Dairy Calves: The First Ten Days", describes new methods and medicine to help you get your calves past the critical first ten days. The book includes many state-of-the-art ideas that will allow you to prevent or treat calf diseases and help keep calves alive and healthy whether you buy them from dairies or auction barns. It has chapters on diseases, symptoms, medicines, viruses, sanitation, nutrition, water, stress, and case histories. (Jeff Jones, Rt. 2, Box 125, Okemah, Okla. 74859)

I'd like to thank FARM SHOW for publishing the story on my 'High Wheel' double-bladed brush mower and modified lawn mower (Vol. 16, No. 6). I've received requests for information from all over the U.S.

Here's an easy way to make a tie lock for tie-down straps. I grind off the riveted pin heads on a section of roller chain and use the side plates and steel bolts for each end. At first I used double link plates to get a more solid knot around the chisel pin, but I found that for most of my uses a single link plate and one loop was tight enough. I use hard belts because the straps are strong and can bend a soft 5/16-in. bolt under heavy load. (Daniel Krenzel, 510 Elizabeth St. N.E., Cullman, Ala. 35055)



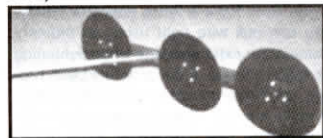
My father and I enjoy your magazine. We strongly believe the American farmer has survived because of his ability to invent,

adapt and manufacture equipment that helps himself and others.

We recently completed rebuilding this small bulldozer. We were inspired by the many machines we've seen in FARM SHOW. The old Hercules engine was worn out and would have been costly to overhaul. Instead we installed a Chevy Chevette engine and automatic transmission using a short drive-shaft with a disc brake on the driveline. This connects to the original Oliver manual transmission input shaft. We wanted more visibility and a better ride so we moved the operator's station to the center of the tractor. A hydraulic pump is belt-driven off the engine and we used a large transmission cooler from an RV to keep the Chevette transmission cool.

This dozer is small, powerful (80 plus horsepower) and easy to maintain and transport. We call it our "Kitty Cat D.9". That's "point nine". (Marvin Henry, 922 Rice Valley Road, Tuscaloosa, Ala. 35406 ph 205 752-0335)

Is anyone interested in buying back issues of FARM SHOW? I have all issues from Vol. 13, No. 2, 1989 through Vol. 17, No. 5, 1993, as well as copies of "Best of FARM SHOW" for 1990, '91, '92, and '93. All are in perfect condition. (Robert Dobbins, 3640 Barber Rd., Cedarville, Ohio 45314 ph 513 766-5342)



I recently bought out the disc marker inventory from Davies Blade Co., Pratt, Kan. and am now marketing the rope-operated, "flip-over" swath marker for grain drills and sprayers. It's simple and easy to use and is a bargain compared to conventional marking systems. The marker consists of three discs mounted diagonally on a steel bar that's connected by rope to the center of the implement. The front and rear discs are straight "stabilizer" discs. The middle concave disc makes the furrow. As you start to turn at the end of the field, the rope slackens, then as you complete the turn the rope tightens up to pull the marker back over to the other side of the implement.

It's simple and easy to use. There's no foam to refill and it can easily be moved from one implement to another. It sells for only \$130. Foam markers sell for \$500 to \$1,000, while a set of hydraulic markers for a 30-ft. grain drill can cost thousands of dollars. It can also be used as a center line marker by adjusting the position of the marker. To change the distance between furrows you simply use a shorter or longer rope (not included). (Steve Nogleby, NCF Sales, Rt. 2, Box 153, Montevideo, Minn. 56265 ph 612 269-6669)

I first got the idea of heating my house with an outside wood-fired boiler from articles about commercial wood-fired boilers featured in FARM SHOW. The advantages of this method over a simple inside wood stove only make sense. It keeps dust, soot and bugs out of the house. We heat the whole house by piping the hot water to a coil similar to an air conditioning coil in the cold air plenum of my forced air furnace. I put the coil in the cold air plenum so that when the oil burner of the forced air furnace has to run, it doesn't heat the water in the wood boiler. All parts were salvaged from the scrap pile of a local heating contractor. The boiler is a steel tube water-jacketed boiler removed from a home converting from oil to gas. I welded a new fire box to accommodate wood and hinged the cleanout doors. I clean out ashes once a week. The coil in the furnace plenum came from a commercial air conditioning unit. The expansion tank is an



We recently started a business that might be of interest to other farm families that have considered starting an alternative enterprise. My partner, Glenda McEvoy, and I are both llama farmers. We've formed "Fertilama, Inc." to market organic composted fertilizer from the llamas to gardeners or others looking for a unique gift that has a practical use. The idea has provided us with an exciting business opportunity and gives us a way to

get rid of waste produced by our animals. Our 1:1:1 Fertilama fertilizer is odor-free and is packaged in an attractive white 2-lb. bag. Major retail garden centers in Texas are already carrying the product. Suggested retail price is \$5.00 a bag. We plan to introduce a larger size in the future. (Peggy Cripps, President, Fertilama, Inc., Rt. 3, Box 562, Brenham, Texas 77833 (ph 409 836-0055 or 409 830-8856))



I thought your readers would be interested in the International Vintage Dodge Power Wagon Rally held every summer at the Jefferson County fairgrounds in Fairfield, Iowa. Last year was our sixth show and it was the best and biggest ever with 82 vehicles on display. Many of the trucks are in mint condition. The rally was covered on the TV news and there was a write-up on it in a major 4-wheeler magazine. As far as I know it's the largest gathering of 1940-1971 military and civilian Dodge 4-WD trucks in the U.S. People come from all over the U.S. and Canada, and last year we even had a sheik fly in from the United Arab Emirates. He

brought his own goat-hair woven tent which he set up in the "tent city" that I have on my farm for the event.

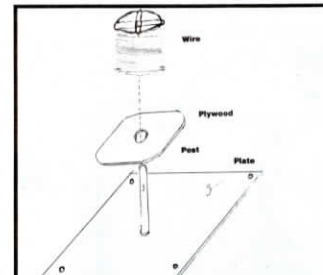
The rally includes a truck show and swap, informative demonstrations, bumpy trail rides, a moonlight trail ride, a barbecue, and even truck games (including one game in which a power wagon drives onto a wheeled teeterboard and tries to balance itself on the board - the winning time last year to get a truck balanced was 1 min. 43 seconds). This year's show will be held during the first week of June. (Gene Buch, Rt. 4, Box 22, Fairfield, Iowa 52556 ph 515 472-3768)

old hot water heater tank.

I can't compare this wood burner to a commercial unit but I know it's more efficient than a wood stove because my stack temperature is only 550°F compared to 900°F on most wood stoves. (Patrick Tessaro, 394 3rd Rd East, Stoney Creek, Ontario L8G 3X4)



I made this replica of a steam traction engine to hold a sign for our welding shop and fabricating company, which we operate off our farm. The replica weighs about 1/2 tons and took four days to build and paint. It measures 10 ft. long by 6 ft. wide and is 8 ft. tall. We mounted a 52-in. timber saw blade on top of it with our company name painted on it. I made the body of the tractor out of pressure tanks and got the front axle from an old horse-drawn road grader. The rear wheels came off an old manure spreader and the firebox is a junked boiler. The governors and other steam engine fittings came off an old traction tractor. (Eugene Carlin, Rt. 4, Lindsay, Ontario Canada)



Since I farm alone, I have always had trouble unrolling spools of barbed wire when fencing. I've tried just about every method, including a bar through the tractor 3-pt. hitch, a bar across a wagon box using a pole as a "brake", rolling a spool along the ground with a pipe through it as an axle, etc. I finally came up with this vertical unroller that works perfectly. It consists of a 1-in. spear mounted at the center of a steel plate. The first time I used it, there was too much drag between the spool of wire and the steel plate, so I cut a hole in a half-inch piece of plywood and put it between the spool and the plate. That was the answer. It turns with the spool and gives just the right amount of resistance to keep the wire tight yet lets it unroll easily. I bolt the unroller to my fencing trailer, mount it inside a loader bucket, or bolt it to a 2 by 4 across

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