

Made It Myself

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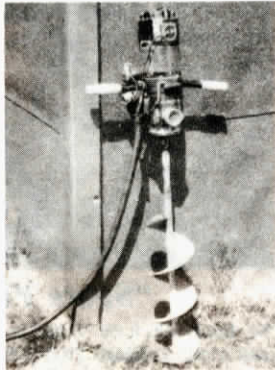
Posthole Digger

"It works great," says Alexis Spader, Lincoln, Neb., about a rugged posthole digger he made using a salvaged 12-volt airplane starter motor for power.

Spader welded the heavy-duty starter motor to the end of an 8-in. dia. earth auger. Heavy-gauge battery cables feed power to the motor by simply attaching the battery cable clamps to a pickup, car or tractor battery.

"It'll dig an 8-in. hole 3-ft. deep in seconds," says Spader, noting that he used a J.A.H. starter motor.

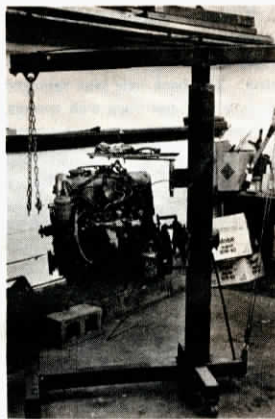
Contact: FARM SHOW Followup, Alexis Spader, 120 College Park Circle, Lincoln, Neb. 68505.



Engine Puller, Work Stand Combo

"I wanted something that would both pull engines and serve as a rotating work stand," says Homer Hartling, Rockwell City, Iowa.

The space-saving engine puller and work stand combo pulls the engine in a conventional manner at the end of the boom and then transfers it to a rotating mounting bracket that's handy for all types of engine rebuilding. "I made the lift arm out of a piece of heavy track with a heavy-duty trolley in it which can be locked in different positions. Once the engine is removed, I let the lift arm down until it is level, unlock the trolley, roll the engine back to the mounting bracket, lock the trolley and raise or lower the lift arm to line up the engine with the mounting bracket, and bolt it on. The lift arm can then be unhooked and either raised or removed," says Hartling, who would like to find a manu-



facturer for the new shop accessory.

Contact: FARM SHOW Followup, Homer Hartling, Rt. 3, Rockwell City, Iowa 50579 (ph 712 297-7490).

Back Scratcher/Feeder For Livestock

Wisconsin farmer John Murphy, of Lena, has added a rotating back scratcher attachment to the home-made scratcher/feeder we told you about in FARM SHOW earlier this year (Vol 11, No. 1).

The grader tire is bolted to 12-in. square channel iron to each side and mounted on a steel plate platform so it won't tip over. Salt and mineral blocks sit inside the tire, which has a 2-in. hole drilled in the bottom to drain out water.

Murphy's add-on back scratcher consists of two sections of 26 by 20-in. slip-proof flooring connected back to back. The flooring's rough texture "curry-combs" the backs of cattle as they rub against it, says Murphy.

Flooring pieces are fastened to a pipe which allows the back scratcher to swivel 360°. The pipe, in turn, is attached to a bracket bolted to the top



of the tire so the back scratcher can pivot up and down.

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Farmyard Tractor

"I built it to pull wagons and move machinery around the farm," says Gilles Ethier, St. Gerard Dyamaska, Quebec about his "farmyard" chore tractor.

The mini tractor is equipped with an 18-hp. Wisconsin 2-cyl. engine coupled to a 4-speed GM truck transmission. He used miscellaneous old auto parts to complete the drive train and make other components on the tractor. He fashioned the frame from 2 by 3-in. tube steel and put 15-in. terra tires on the rear and 10-in. flota-

tion tires on the front. The little chore tractor is speedy at a maximum speed of 33 mph on the road.

"It's a lot more economical for many smaller jobs than using a full-size tractor," points out Ethier, noting that front mounting brackets make it possible to mount a snowplow or blade on the front of the tractor.

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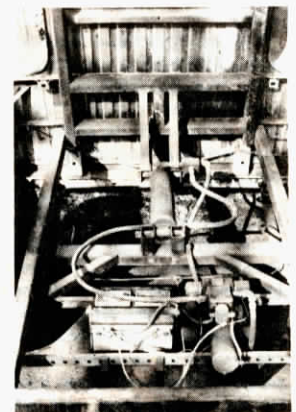


Hydraulic Dumping Trailer Made From Pickup Box

Ernie Parker, Bloomington, Minn., made a handy and versatile hydraulic dumping trailer that lets him quickly and easily dump such loads as rocks and dirt.

"I started with a 1982 Ford Courier 1/2-ton box and put it on a frame made of 2 by 3-in. tubing and equipped with 15-in. car tires. I installed a 16-in. stroke hydraulic cylinder that's attached to the trailer frame and truck box. The cylinder's powered by a small hydraulic pump with a built in reservoir. A 12-V. car battery provides the electrical power," Parker notes.

He starts and activates the cylinder to dump the trailer, using a switch on the trailer tongue. The 6-ft. mini box can haul up to 4,000 lbs. and is equipped with tail-lights, surge brakes and ball hitch.



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