

Unique Collection Of Garden Tractor “Creations”

Pat Prom of Eden Prairie, Minn., has had many tractor “creations” featured in FARM SHOW over the years. But he outdid himself this year, displaying five new models at the recent Little Log House Antique Power Show near Hastings, Minn.

Contact FARM SHOW Followup, Pat Prom, 12661 Pioneer Trail, Eden Prairie, Minn. 55347 (ph 952 944-9266).

“I display it at antique tractor shows and almost no one walks by without stopping to look,” says Pat Prom about his “mock” Deere high crop tractor.

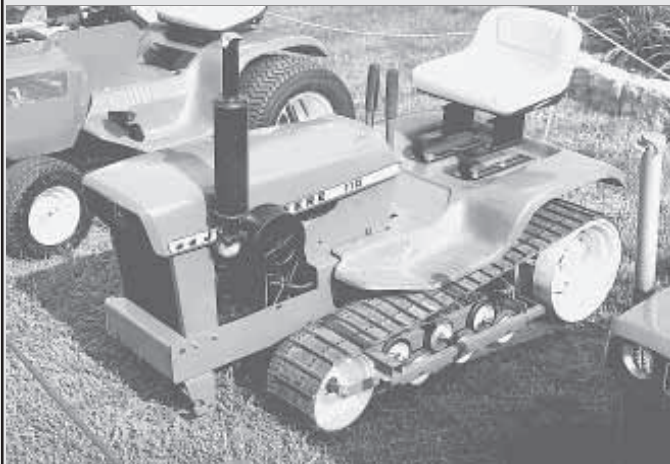


“Mock” Deere High Crop Tractor

Pat Prom mounted his Deere 212 garden tractor on stilts. The tractor rides on 4-ft. high rear tires and a custom front end that puts it 17 in. higher off the ground than normal.

The tractor’s rear wheels are a pair of combine rice tires. The tractor wheels had a 5-bolt pattern while the combine wheels have an 8-bolt pattern, so Prom made

adapter hubs to fit. The front wheels are original. He lengthened the front spindles 17 1/2 in. and made a new pivot point for steering. The tractor body is supported by a frame made from 1-in. dia. steel tubing which Prom bolted onto the spindles. “Everything is bolted onto the tractor with no welding at all,” says Prom.



Prom replaced the 10 hp Kohler engine on his Deere 110 with a 16 hp Kohler, and also added a muffler. He also removed the wheels and mounted the tractor on homemade fiberglass tracks.

Deere 110 On Tracks

He removed the wheels and mounted a Deere 110 tractor on homemade fiberglass tracks. The tracks measure 7 1/2 in. wide and were made by using a right angle grinder to cut a snowmobile track in half lengthwise, mounting one half on each side of the tractor. The tracks ride on homemade 5-in. dia. idler wheels, also off a

snowmobile. Originally gear-driven, the tractor now has a hydrostatic drive salvaged from a Cub Cadet garden tractor.

A pair of levers are used to activate the brakes in order to steer the rig left or right. He replaced the original 10 hp Kohler engine with a 16 hp Kohler.

Deere A Repowered With Chevy V-8 Engine

Put a Chevy 350 V-8 engine into a 1938 Deere Model A and you have a nice, smooth running combination, says Bruce Bauer of Hastings, Minn.

The first thing you notice about the tractor is the “hooker header” mufflers that Bauer bolted onto each side of the engine. Also, the tractor is longer than other “A’s”.

“I call it an AV-8, since it’s a Model A that’s now powered by a V-8 engine. It’s something unique that I can pass on to my kids,” says Bauer.

The engine came out of a 1970 Chevy pickup and has about 275 hp. Bauer had to lengthen the tractor frame by 12 in. in order to make room for the new engine. He also

made a new, longer hood.

He threw away half the original differential and installed a heavy duty differential out of an old Ford car. The new differential is used to power the tractor’s original flywheel and to operate the original crankshaft and clutch. He hooked the V-8 engine to the governor housing for full power on demand.

He had to build a new bell housing. The tractor still has its original flywheel and clutch and radiator. An electric fan is used to cool the radiator.

Contact: FARM SHOW Followup, Bruce Bauer, 16520 230th St. E., Hastings, Minn. 55033 (ph 651 214-5422; bcbauer@hotmail.com).



Prom replaced the original 14 hp engine on his Deere 214 garden tractor with a 50 hp Chevy Geo Metro 3-cyl. engine. Tractor still has its original ventilated side covers.

Geo Metro Engine In Deere 214

He replaced the original 14 hp engine on his Deere 214 garden tractor with a Chevy Geo Metro 3-cyl. engine. “It has almost 50 horsepower so it’ll really go,” says Prom.

He installed a right angle gearbox behind the engine to drive the tractor’s rear end.

“The Geo engine is aluminum so it probably doesn’t weigh any more than the tractor’s original engine,” says Prom. “I paid \$200 to have the valves ground. It was a very tight fit. I had to make a new gas tank, and I had to move the battery back under the seat to make room for the distributor.

“I installed straight pipes so the engine



Installing the Geo Metro engine “was a very tight fit”, says Prom.

isn’t all that quiet. It sounds a lot like an airplane,” notes Prom.

Prom’s home-built Deere motorcycle is easier to ride ever since he converted it from a 2-wheeler to a 3-wheeler. It rides on a pair of 12-in. ATV tires on back.



3-Wheeled Motorcycle

Prom built a 2-wheeled motorcycle using Deere parts (Vol. 28, No. 5). But he had trouble riding it because it was geared too high and was too heavy.

So he converted the 2-wheeler to a 3-wheeler, replacing the single wheel on back with a pair of 12-in. ATV tires. They’re fitted to the wheel rims off a Deere garden tractor. He also installed a 4-speed

rear end out of a Deere garden tractor. The Deere 2-cyl. pony motor (off a Deere 49 R diesel) has its own clutch, which chain-drives the transmission via a jackshaft. The gearshift lever is located behind the seat.

He also installed the seat off a Deere manure spreader. The engine and gas tank are original.



Bruce Bauer put a Chevy 350 V-8 engine into a 1938 Deere Model A tractor.